

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
 Data File : BF135423.D  
 Acq On : 25 Sep 2023 13:11  
 Operator : CG\JU  
 Sample : PB155762BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155762BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023  
 Supervised By :Jagrut Upadhyay 09/26/2023

Quant Time: Sep 26 01:39:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 26 01:36:36 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.751  | 152  | 186040   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.033  | 136  | 704566   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.792  | 164  | 343508   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.286 | 188  | 630317   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.945 | 240  | 349730   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.403 | 264  | 292246   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 1385927  | 121.164 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.410  | 99   | 1756194  | 120.745 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.322  | 82   | 1153713  | 88.963  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.592 | 330  | 362303   | 106.134 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.116  | 172  | 1824291  | 80.125  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.880 | 244  | 1768469  | 78.388  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.557  | 88   | 215447   | 42.966  | ng    | 94       |
| 3) Pyridine                   | 3.316  | 79   | 565348   | 41.891  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.269  | 42   | 350672   | 48.966  | ng    | 93       |
| 6) Aniline                    | 6.422  | 93   | 522252   | 27.382  | ng    | # 12     |
| 8) 2-Chlorophenol             | 6.545  | 128  | 573371   | 46.957  | ng    | 96       |
| 9) Benzaldehyde               | 6.310  | 77   | 212221   | 25.613  | ng    | 98       |
| 10) Phenol                    | 6.422  | 94   | 642928   | 40.312  | ng    | 87       |
| 11) bis(2-Chloroethyl)ether   | 6.498  | 93   | 559186   | 46.742  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.692  | 146  | 559109   | 45.055  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.769  | 146  | 563228   | 44.611  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.922  | 146  | 532451   | 45.413  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.904  | 79   | 470238   | 45.055  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.033  | 45   | 1012558  | 44.903  | ng    | 91       |
| 17) 2-Methylphenol            | 7.022  | 107  | 452867   | 42.028  | ng    | 95       |
| 18) Hexachloroethane          | 7.257  | 117  | 216868   | 46.488  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.175  | 70   | 355247   | 39.433  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.175  | 107  | 513946   | 39.666  | ng    | # 85     |
| 22) Acetophenone              | 7.169  | 105  | 712630   | 44.240  | ng    | 99       |
| 24) Nitrobenzene              | 7.339  | 77   | 589775   | 46.012  | ng    | 99       |
| 25) Isophorone                | 7.580  | 82   | 1100024  | 46.193  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.657  | 139  | 304657   | 49.522  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.698  | 122  | 495771   | 47.944  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.786  | 93   | 677046   | 47.502  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.898  | 162  | 439955   | 45.916  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.974  | 180  | 460714   | 46.002  | ng    | 98       |
| 31) Naphthalene               | 8.057  | 128  | 1537945  | 44.926  | ng    | 100      |
| 32) Benzoic acid              | 7.845  | 122  | 367678   | 47.219  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.110  | 127  | 350223   | 23.318  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.169  | 225  | 256507   | 42.475  | ng    | 99       |
| 35) Caprolactam               | 8.492  | 113  | 147991m  | 46.020  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 481097   | 45.176  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.751  | 142  | 956325   | 41.559  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.845  | 142  | 899920   | 41.771  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.916  | 216  | 443771   | 44.592  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.898  | 237  | 283984   | 66.169  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.033  | 196  | 292834   | 44.942  | ng    | 98       |

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 Sample : PB155762BS  
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Instrument :  
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Manual Integrations  
 APPROVED

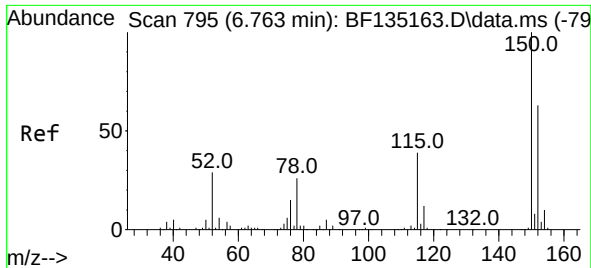
Reviewed By :Yogesh Patel 09/26/2023  
 Supervised By :Jagrut Upadhyay 09/26/2023

Quant Time: Sep 26 01:39:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 26 01:36:36 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.080  | 196  | 314772   | 41.949 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.216  | 154  | 1163026  | 44.057 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.239  | 162  | 882472   | 46.074 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.345  | 65   | 344812   | 46.339 | ng    | 99       |
| 49) Acenaphthylene            | 9.657  | 152  | 1365073  | 42.884 | ng    | 99       |
| 50) Dimethylphthalate         | 9.521  | 163  | 1018119  | 43.838 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.586  | 165  | 227767   | 44.768 | ng    | 97       |
| 52) Acenaphthene              | 9.827  | 154  | 831268   | 44.206 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.757  | 138  | 198914   | 33.307 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.874  | 184  | 231654   | 80.189 | ng    | 92       |
| 55) Dibenzofuran              | 10.004 | 168  | 1157851  | 40.350 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 321540   | 84.714 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 259492   | 40.740 | ng    | # 84     |
| 58) Fluorene                  | 10.345 | 166  | 921560   | 41.776 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.127 | 232  | 255077   | 44.191 | ng    | 98       |
| 60) Diethylphthalate          | 10.221 | 149  | 970547   | 41.640 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.333 | 204  | 419828   | 39.619 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.380 | 138  | 276133   | 48.101 | ng    | 95       |
| 63) Azobenzene                | 10.498 | 77   | 1017035  | 44.584 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 165610   | 49.468 | ng    | 82       |
| 66) n-Nitrosodiphenylamine    | 10.463 | 169  | 849291   | 44.506 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.827 | 248  | 268910   | 42.895 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.892 | 284  | 290233   | 45.444 | ng    | # 85     |
| 69) Atrazine                  | 10.998 | 200  | 267273   | 52.053 | ng    | 98       |
| 70) Pentachlorophenol         | 11.098 | 266  | 272988   | 71.442 | ng    | 99       |
| 71) Phenanthrene              | 11.310 | 178  | 1340363  | 44.962 | ng    | 98       |
| 72) Anthracene                | 11.363 | 178  | 1377121  | 44.941 | ng    | 100      |
| 73) Carbazole                 | 11.527 | 167  | 1358289  | 48.693 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.851 | 149  | 1488538  | 45.286 | ng    | 99       |
| 75) Fluoranthene              | 12.504 | 202  | 1454557  | 46.826 | ng    | 97       |
| 77) Benzidine                 | 12.633 | 184  | 393168   | 54.874 | ng    | 98       |
| 78) Pyrene                    | 12.739 | 202  | 1493864  | 44.865 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.356 | 149  | 597271   | 50.947 | ng    | 94       |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 1040375  | 46.069 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.898 | 252  | 254077   | 36.019 | ng    | # 98     |
| 83) Chrysene                  | 13.968 | 228  | 1045371  | 46.559 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.921 | 149  | 676328   | 56.219 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.539 | 149  | 1031160  | 53.936 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.892 | 276  | 968914   | 50.565 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 14.980 | 252  | 870140   | 55.001 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.009 | 252  | 746187   | 47.748 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 15.345 | 252  | 724339   | 48.011 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.903 | 278  | 775684   | 49.475 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.339 | 276  | 850247   | 51.927 | ng    | 97       |

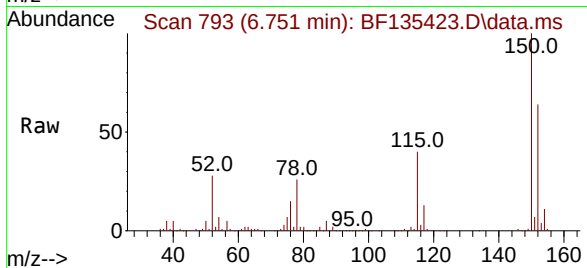
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.751 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

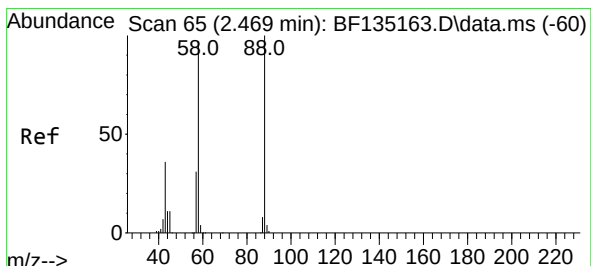
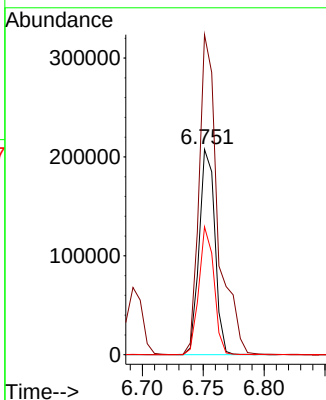
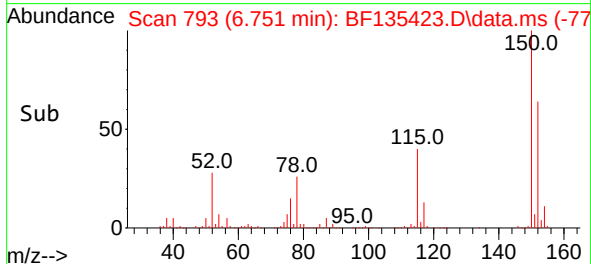
Instrument :  
BNA\_F  
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PB155762BS



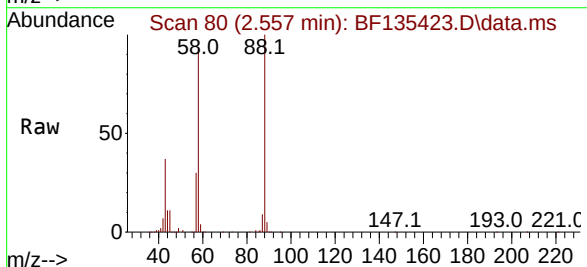
Tgt Ion: 152 Resp: 186040  
Ion Ratio Lower Upper  
152 100  
150 155.8 127.8 191.6  
115 62.3 49.8 74.8

Manual Integrations  
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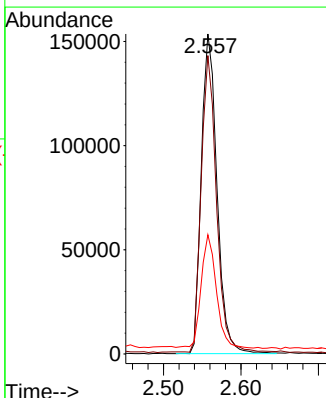
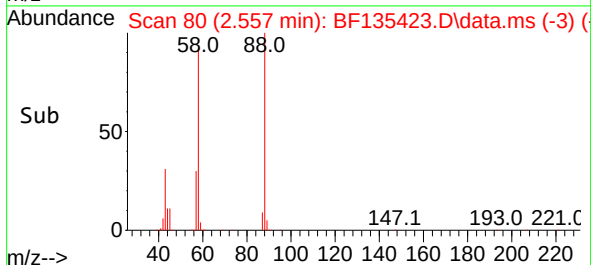
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

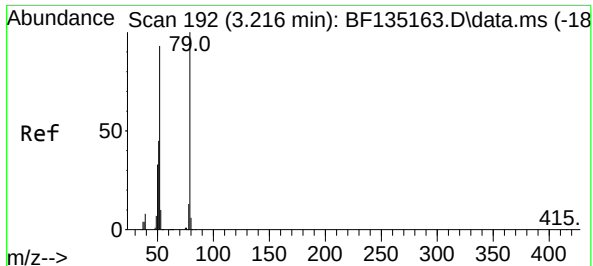


#2  
1,4-Dioxane  
Concen: 42.966 ng  
RT: 2.557 min Scan# 80  
Delta R.T. 0.106 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



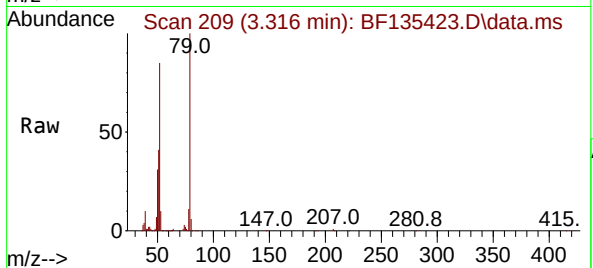
Tgt Ion: 88 Resp: 215447  
Ion Ratio Lower Upper  
88 100  
58 91.5 78.3 117.5  
43 34.7 29.4 44.0





#3  
Pyridine  
Concen: 41.891 ng  
RT: 3.316 min Scan# 209  
Delta R.T. 0.117 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

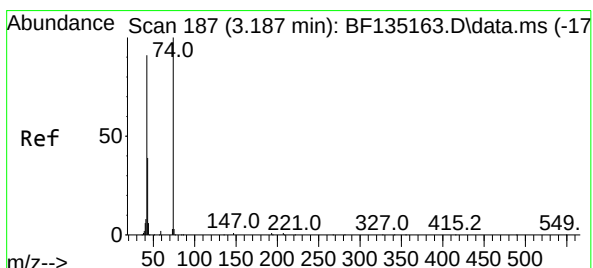
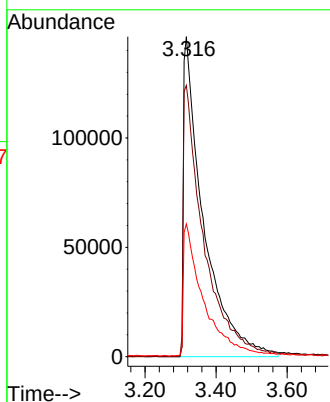
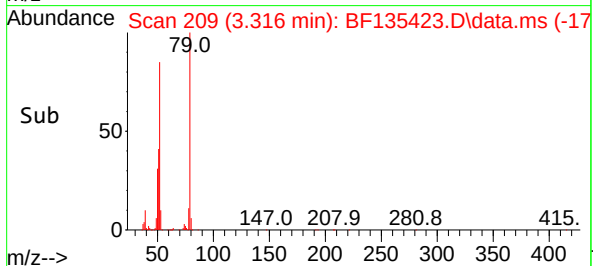
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



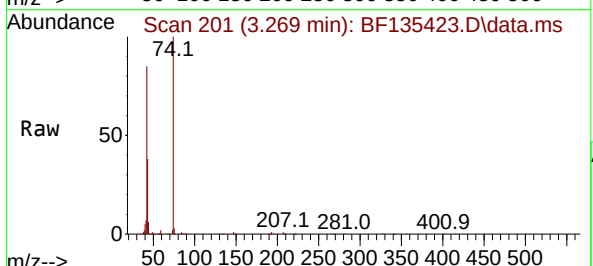
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Ion Ratio Lower Upper  
79 100  
52 84.8 74.1 111.1  
51 41.5 35.8 53.8

Manual Integrations  
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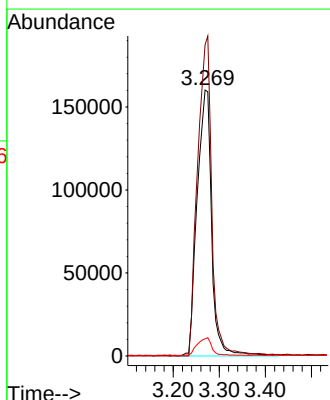
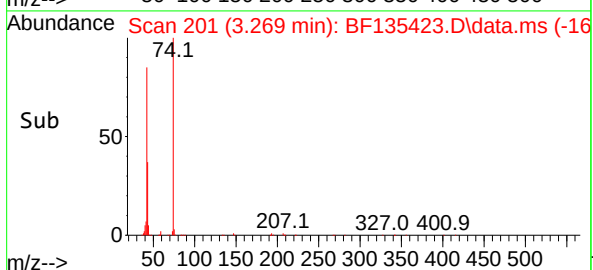
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

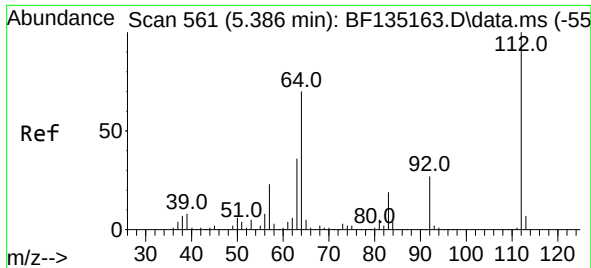


#4  
n-Nitrosodimethylamine  
Concen: 48.966 ng  
RT: 3.269 min Scan# 201  
Delta R.T. 0.100 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



Tgt Ion: 42 Resp: 350672  
Ion Ratio Lower Upper  
42 100  
74 117.0 87.7 131.5  
44 6.5 5.6 8.4





#5  
2-Fluorophenol  
Concen: 121.164 ng  
RT: 5.398 min Scan# 50  
Delta R.T. 0.017 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

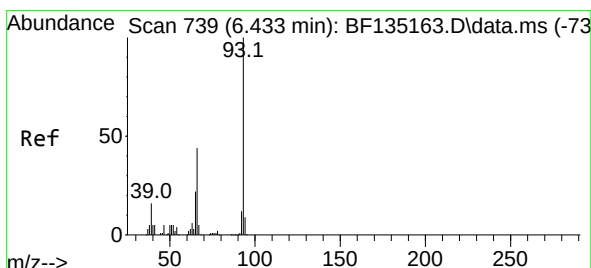
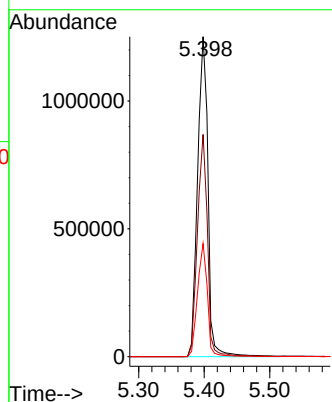
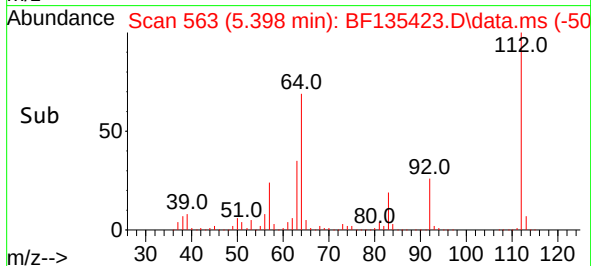
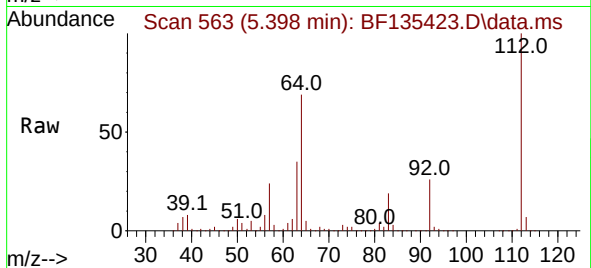
PB155762BS

Tgt Ion:112 Resp: 138592  
Ion Ratio Lower Upper  
112 100  
64 69.5 55.9 83.9  
63 35.4 29.0 43.6

Manual Integrations

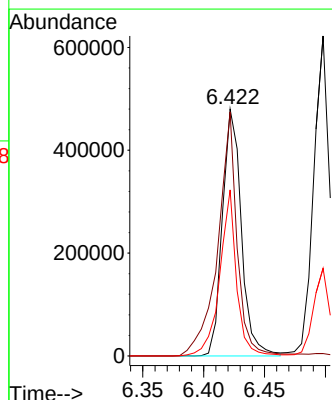
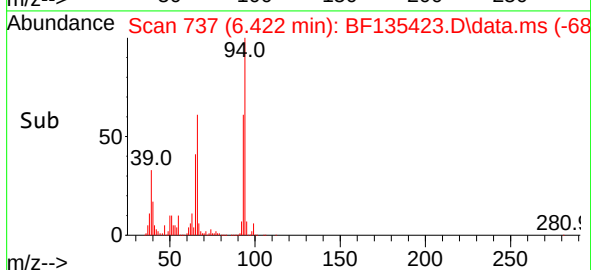
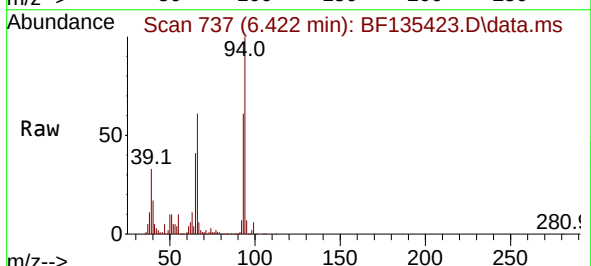
APPROVED

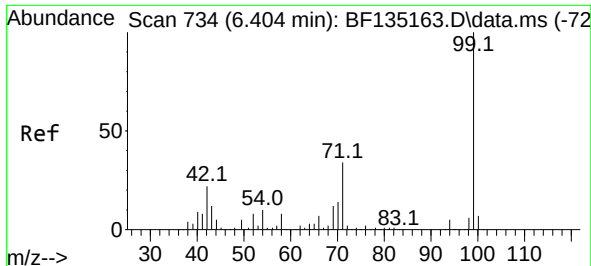
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#6  
Aniline  
Concen: 27.382 ng  
RT: 6.422 min Scan# 737  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion: 93 Resp: 522252  
Ion Ratio Lower Upper  
93 100  
66 98.9 35.4 53.0#  
65 67.3 17.8 26.8#





#7

Phenol-d6

Concen: 120.745 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

Tgt Ion: 99 Resp: 1756194

Ion Ratio Lower Upper

99 100

42 23.5 17.9 26.9

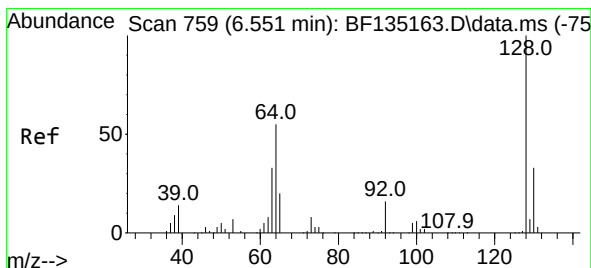
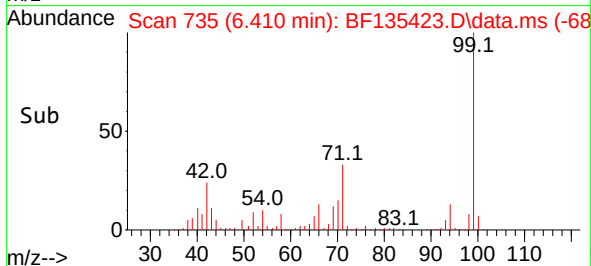
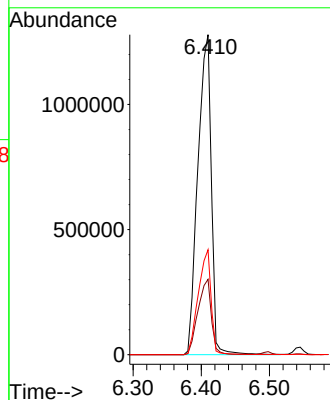
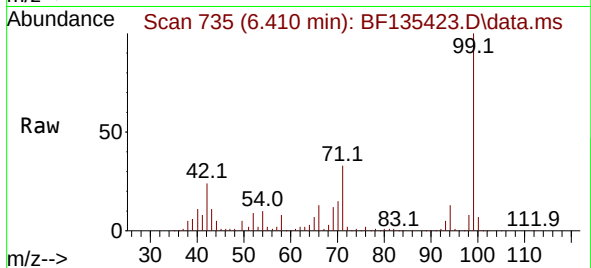
71 32.8 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#8

2-Chlorophenol

Concen: 46.957 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

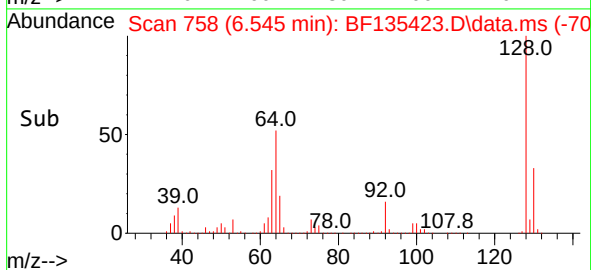
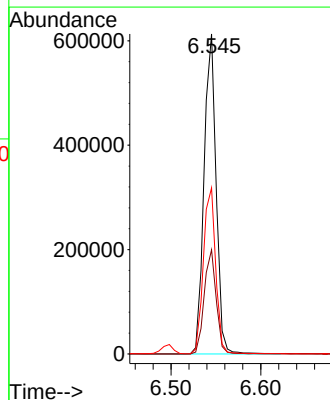
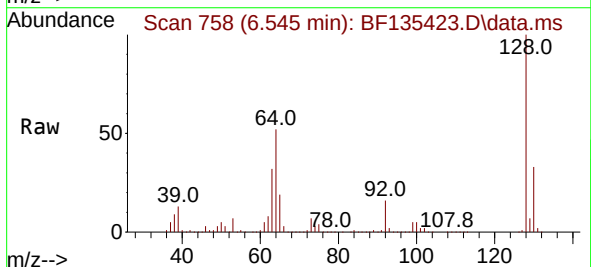
Tgt Ion:128 Resp: 573371

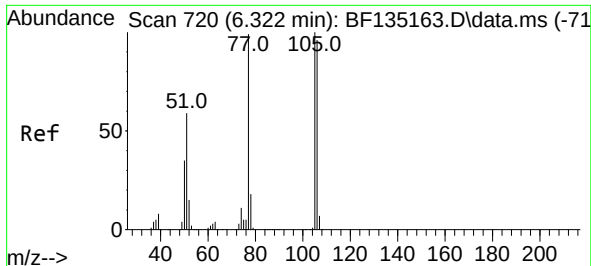
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 51.9 35.9 75.9





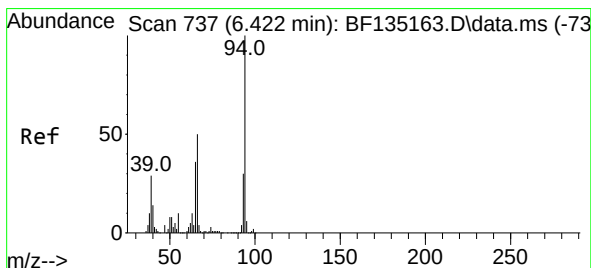
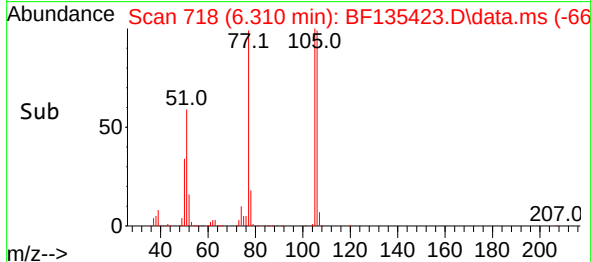
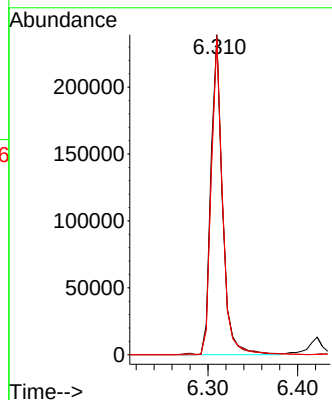
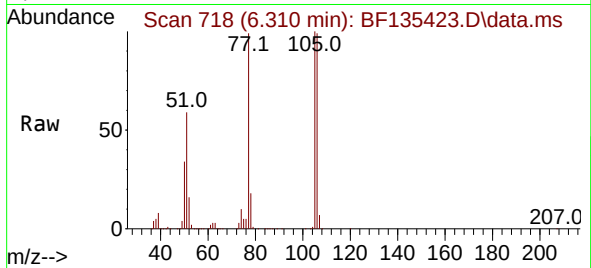
#9  
Benzaldehyde  
Concen: 25.613 ng  
RT: 6.310 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS

Tgt Ion: 77 Resp: 21222  
Ion Ratio Lower Upper  
77 100  
105 101.0 81.4 121.4  
106 99.6 76.9 116.9

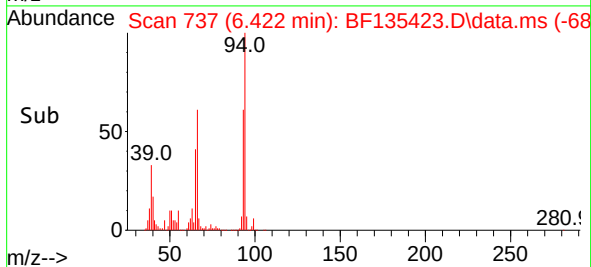
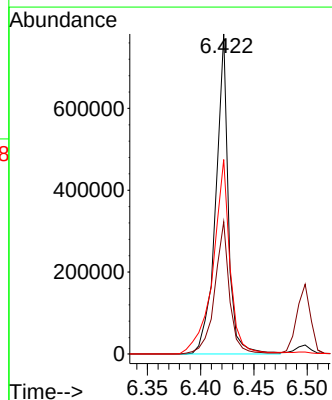
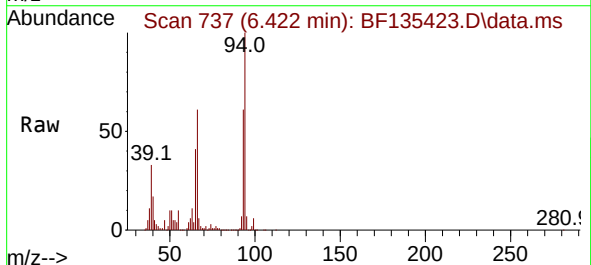
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

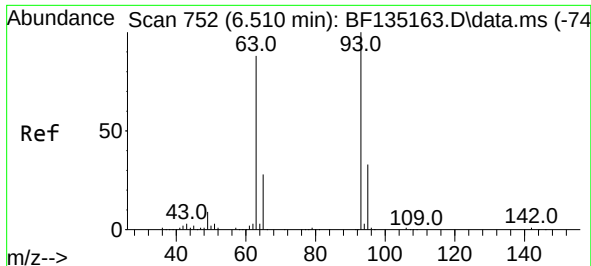


#10  
Phenol  
Concen: 40.312 ng  
RT: 6.422 min Scan# 737  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion: 94 Resp: 642928  
Ion Ratio Lower Upper  
94 100  
65 41.3 15.9 55.9  
66 60.7 29.8 69.8







#11  
bis(2-Chloroethyl)ether  
Concen: 46.742 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

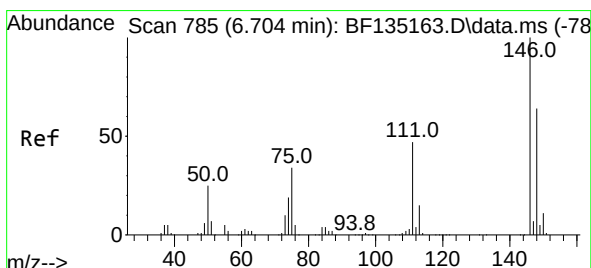
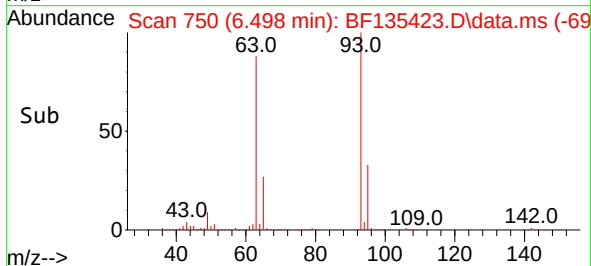
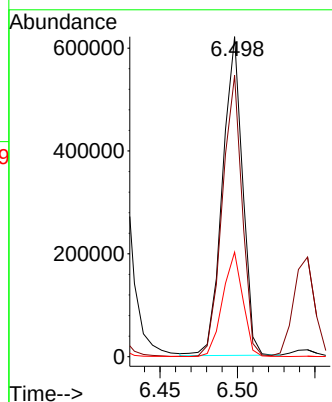
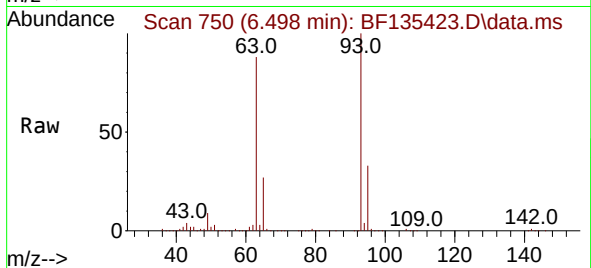
PB155762BS

Tgt Ion: 93 Resp: 559180  
Ion Ratio Lower Upper  
93 100  
63 87.9 67.3 107.3  
95 32.6 12.7 52.7

Manual Integrations

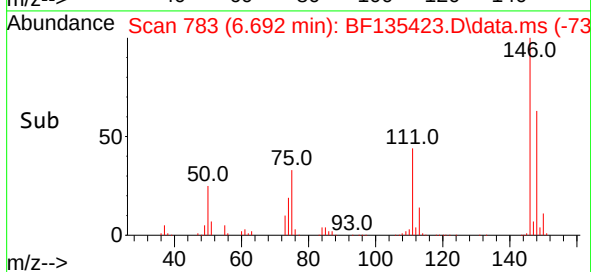
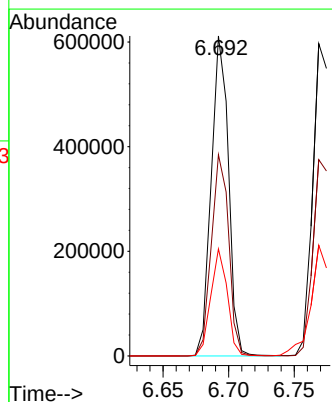
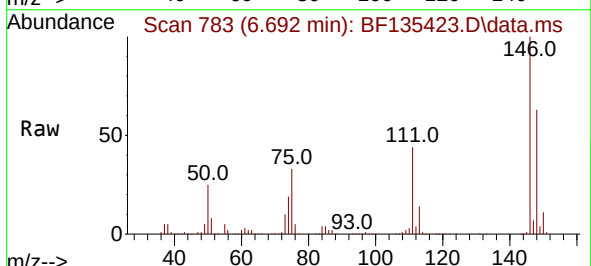
APPROVED

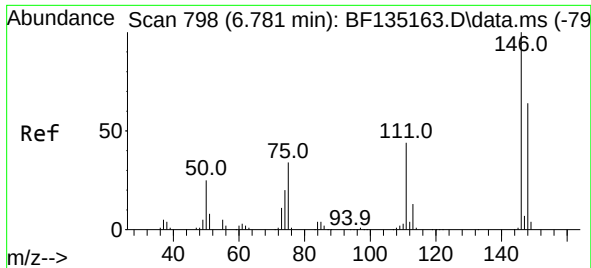
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#12  
1,3-Dichlorobenzene  
Concen: 45.055 ng  
RT: 6.692 min Scan# 783  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:146 Resp: 559109  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.3 76.9  
75 33.5 27.4 41.2





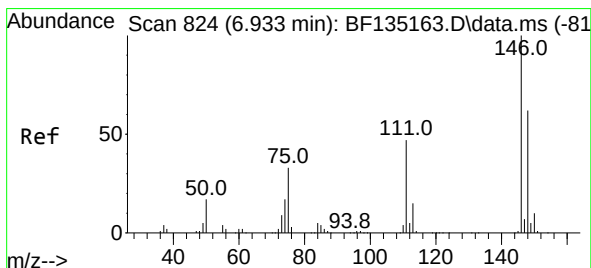
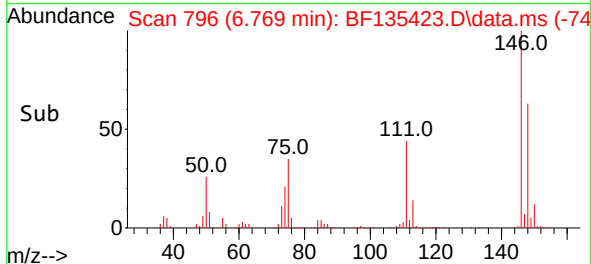
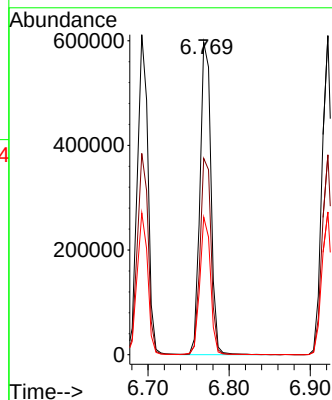
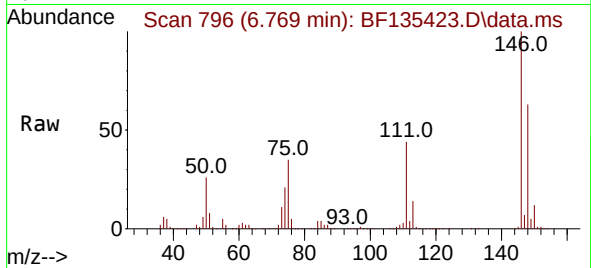
#13  
1,4-Dichlorobenzene  
Concen: 44.611 ng  
RT: 6.769 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS

Tgt Ion:146 Resp: 563228  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.3 76.9  
111 44.1 35.1 52.7

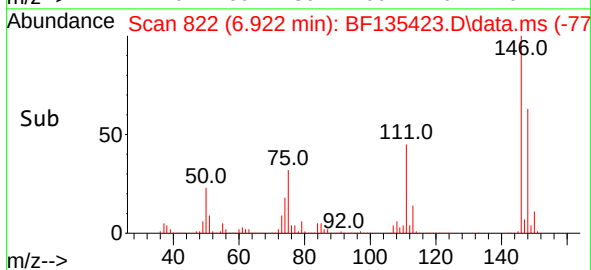
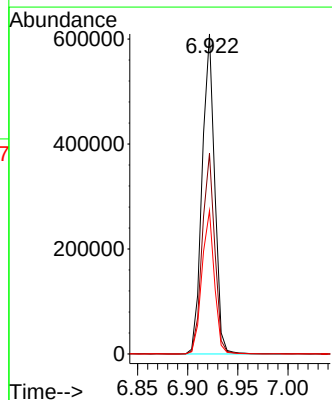
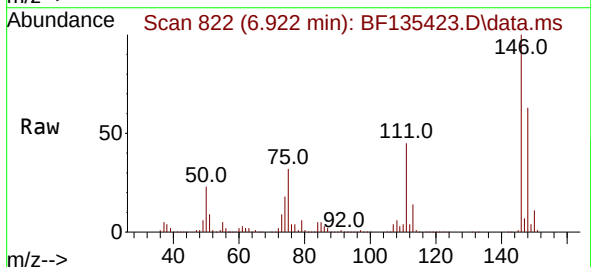
Manual Integrations  
APPROVED

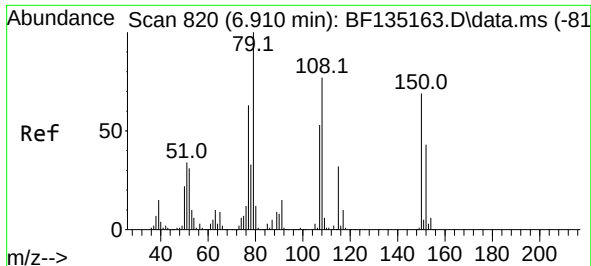
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#14  
1,2-Dichlorobenzene  
Concen: 45.413 ng  
RT: 6.922 min Scan# 822  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

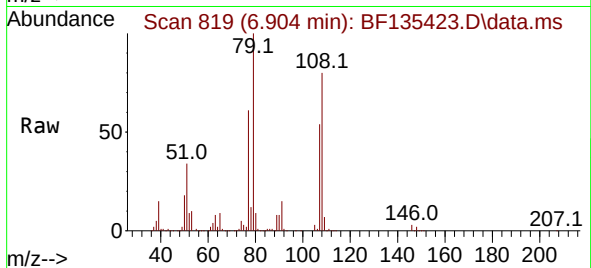
Tgt Ion:146 Resp: 532451  
Ion Ratio Lower Upper  
146 100  
148 62.6 49.7 74.5  
111 44.7 37.4 56.2





#15  
Benzyl Alcohol  
Concen: 45.055 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

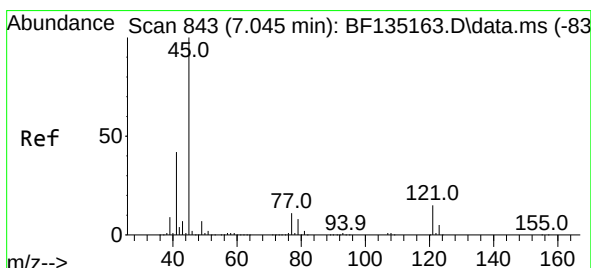
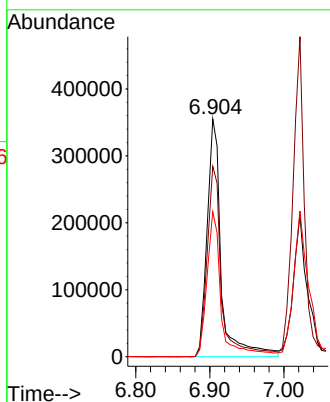
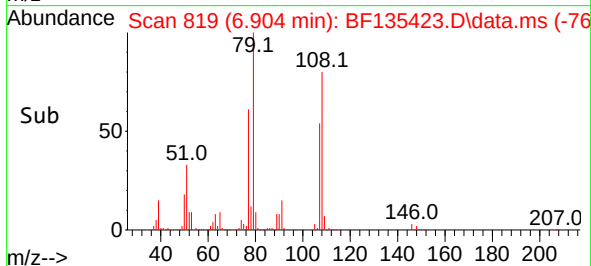
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



Tgt Ion: 79 Resp: 470238  
Ion Ratio Lower Upper  
79 100  
108 80.1 61.2 91.8  
77 60.9 50.5 75.7

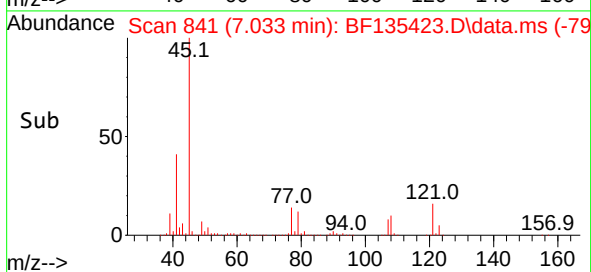
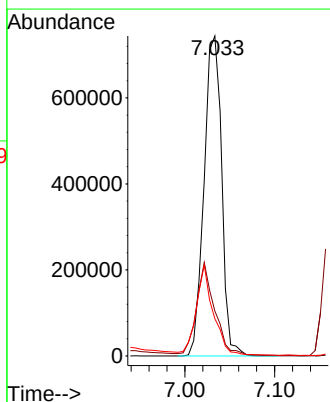
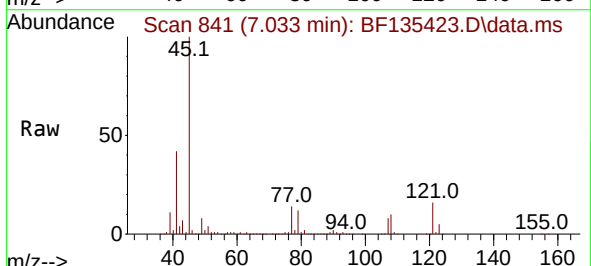
Manual Integrations  
APPROVED

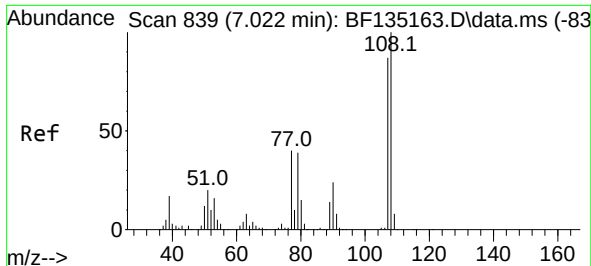
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.903 ng  
RT: 7.033 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

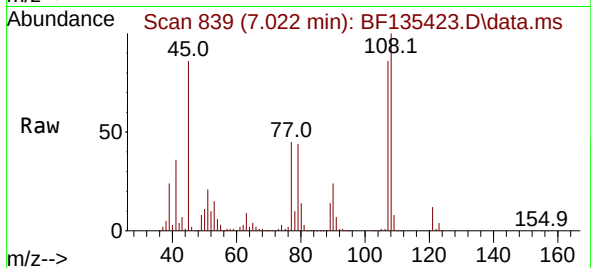
Tgt Ion: 45 Resp: 1012558  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 30.6  
79 11.6 0.0 28.3





#17  
2-Methylphenol  
Concen: 42.028 ng  
RT: 7.022 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

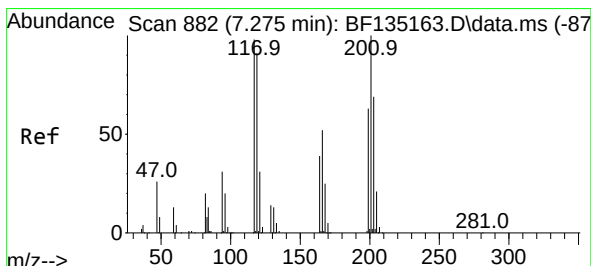
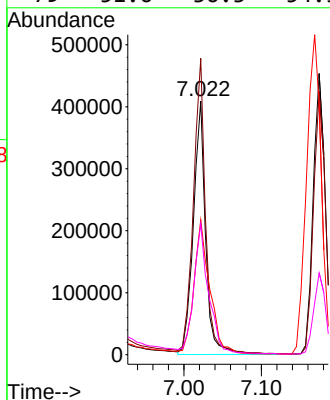
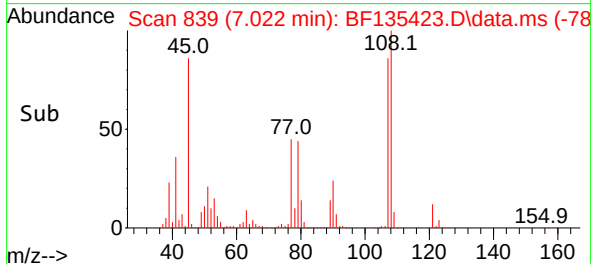
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 45286 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 116.8 | 92.0  | 138.0 |
| 77        | 53.2  | 36.7  | 55.1  |
| 79        | 51.6  | 36.3  | 54.5  |

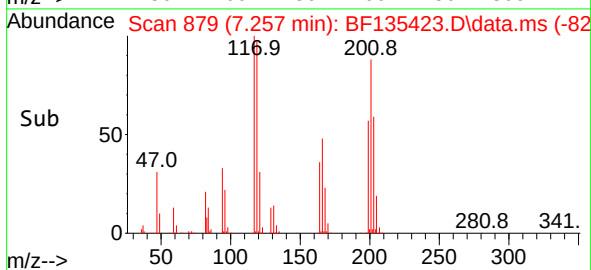
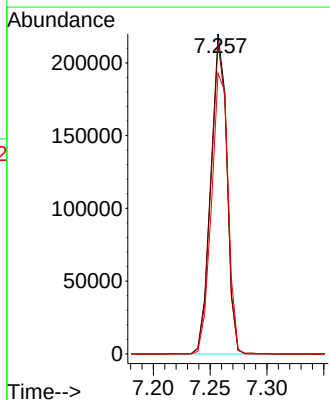
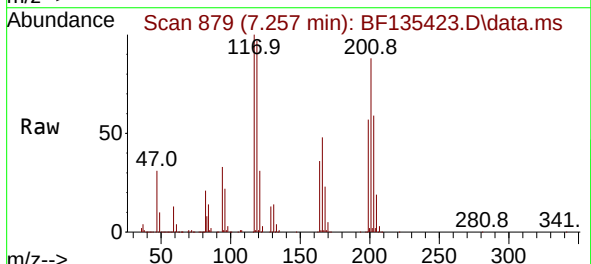
Manual Integrations  
APPROVED

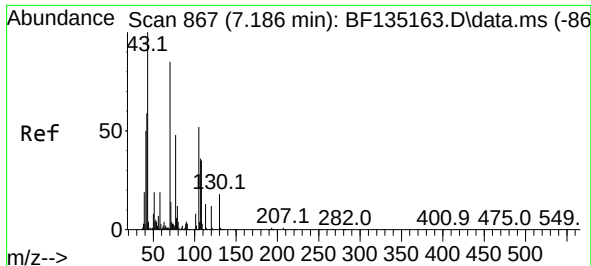
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#18  
Hexachloroethane  
Concen: 46.488 ng  
RT: 7.257 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 216868 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.1  | 74.7  | 112.1  |
| 201       | 87.7  | 81.8  | 122.8  |





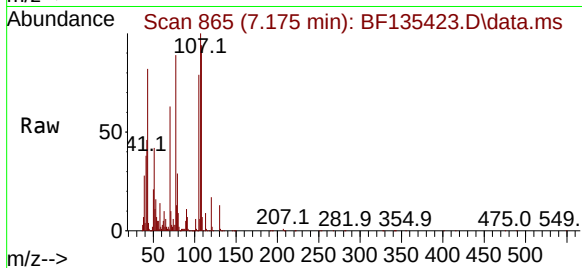
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.433 ng  
RT: 7.175 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

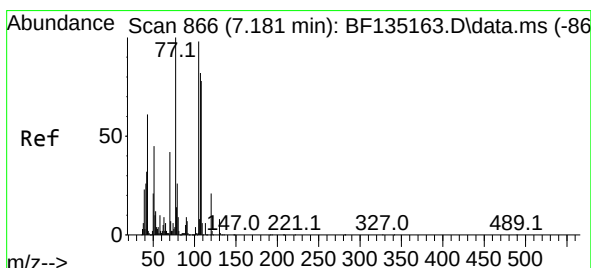
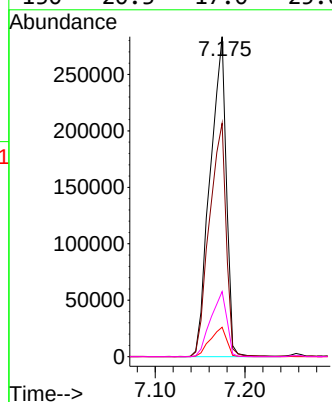
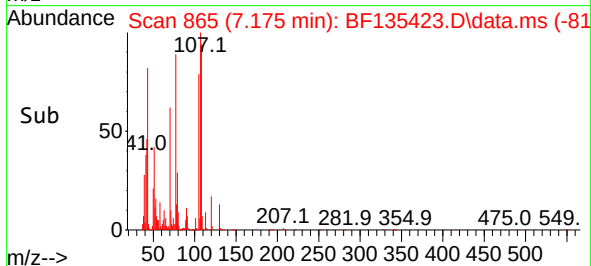


Tgt Ion: 70 Resp: 35524  
Ion Ratio Lower Upper  
70 100  
42 73.0 55.4 83.0  
101 9.2 7.7 11.5  
130 20.3 17.0 25.6

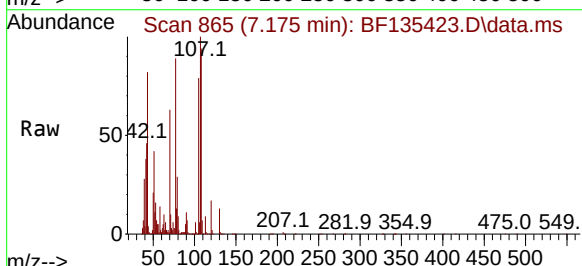
Manual Integrations

APPROVED

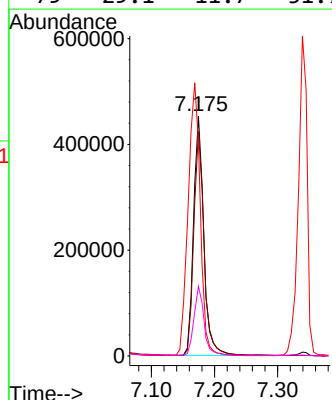
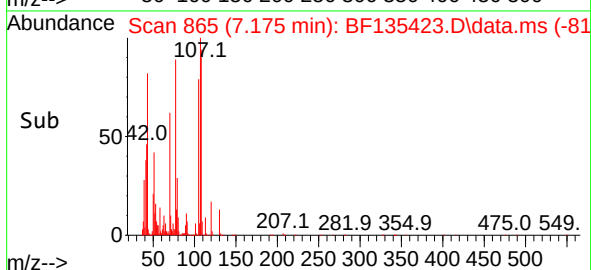
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

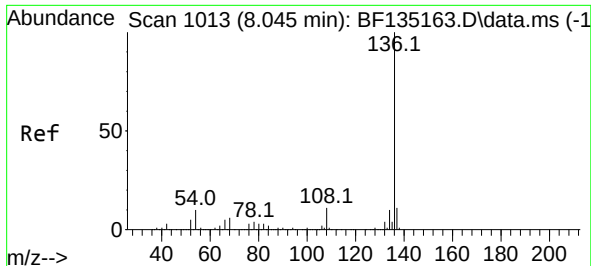


#20  
3+4-Methylphenols  
Concen: 39.666 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



Tgt Ion:107 Resp: 513946  
Ion Ratio Lower Upper  
107 100  
108 93.6 74.7 114.7  
77 88.9 102.0 142.0#  
79 29.1 11.7 51.7





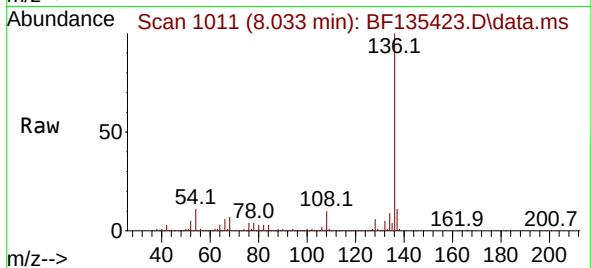
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.033 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

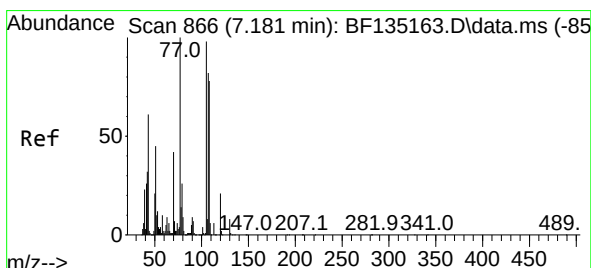
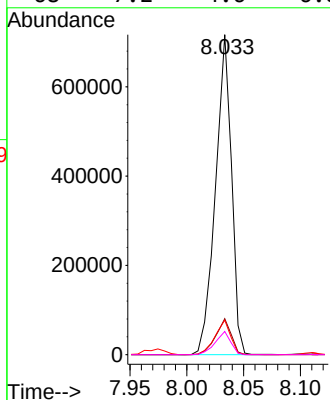
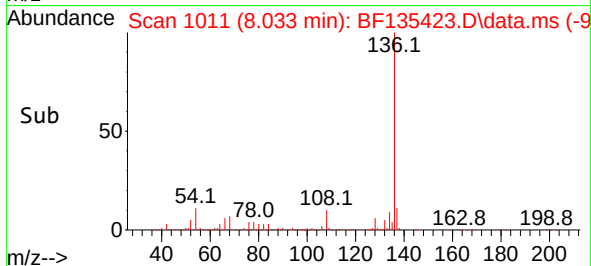


Tgt Ion:136 Resp: 704560  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 10.8 7.7 11.5  
68 7.2 4.6 6.8#

Manual Integrations

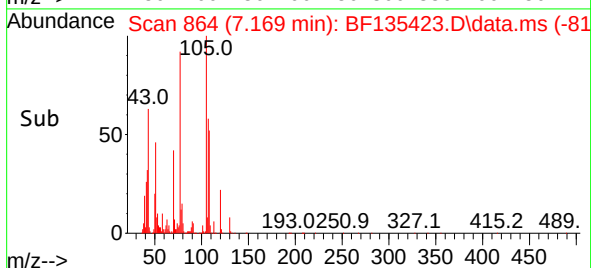
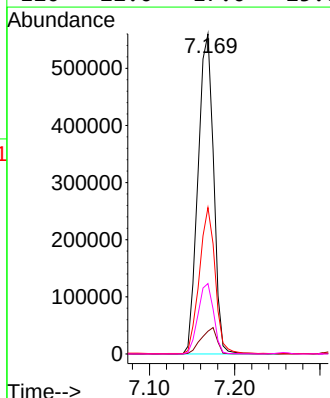
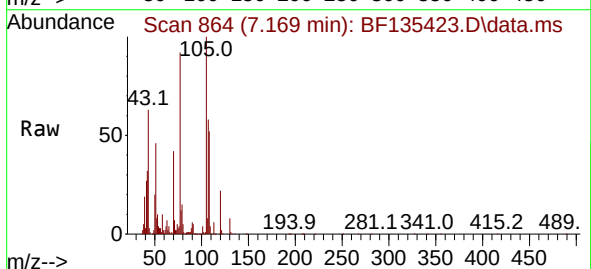
APPROVED

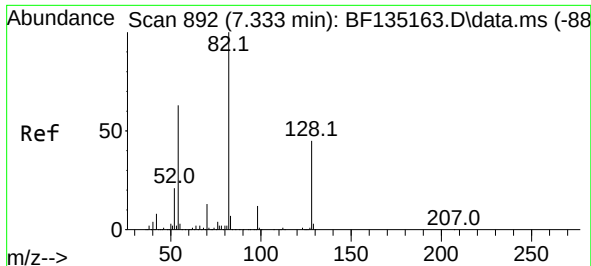
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#22  
Acetophenone  
Concen: 44.240 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:105 Resp: 712630  
Ion Ratio Lower Upper  
105 100  
71 7.1 5.8 8.6  
51 45.8 37.0 55.4  
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.963 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

Tgt Ion: 82 Resp: 115371

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

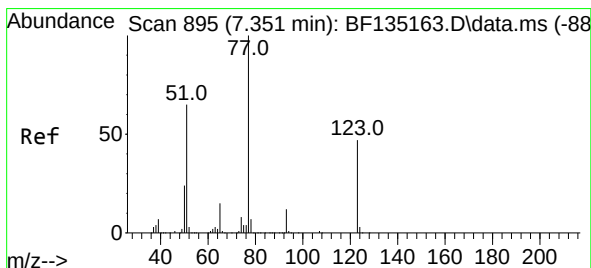
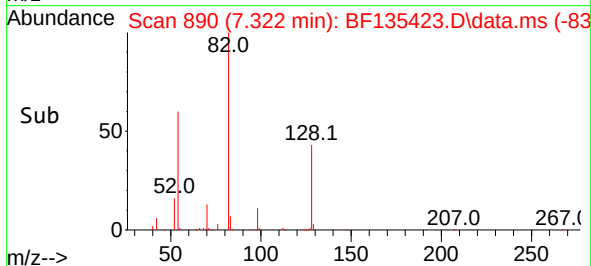
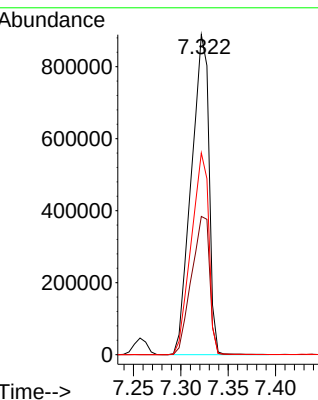
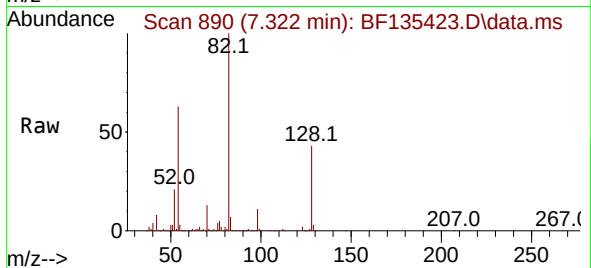
54 63.1 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#24

Nitrobenzene

Concen: 46.012 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

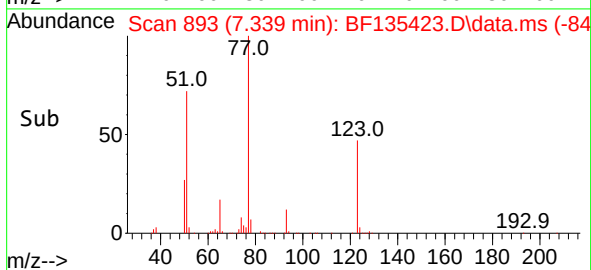
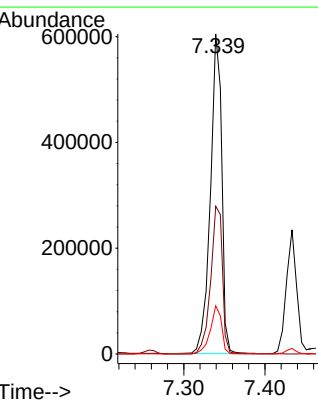
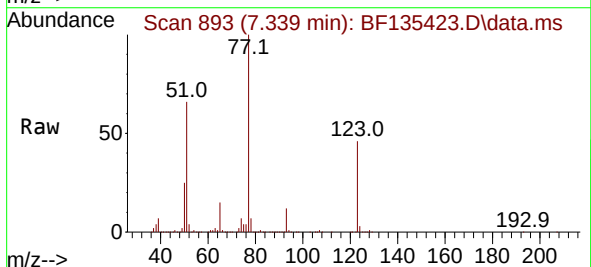
Tgt Ion: 77 Resp: 589775

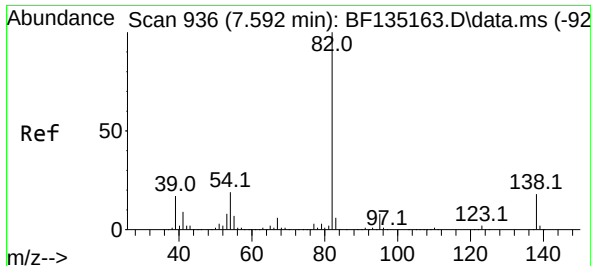
Ion Ratio Lower Upper

77 100

123 46.2 37.6 56.4

65 15.0 12.2 18.4





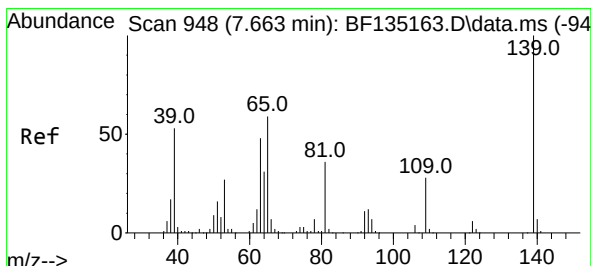
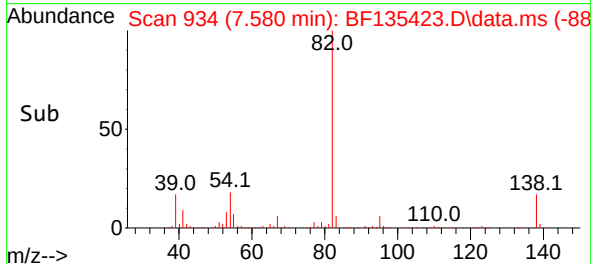
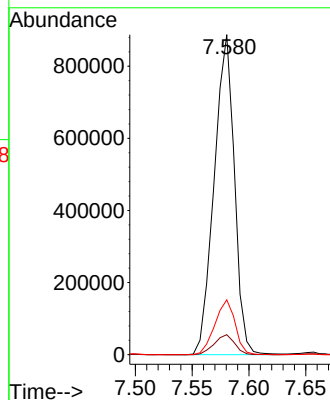
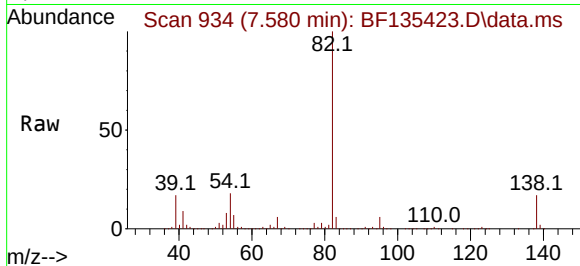
#25  
Isophorone  
Concen: 46.193 ng  
RT: 7.580 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS

Tgt Ion: 82 Resp: 1100024  
Ion Ratio Lower Upper  
82 100  
95 6.2 6.0 9.0  
138 17.2 14.5 21.7

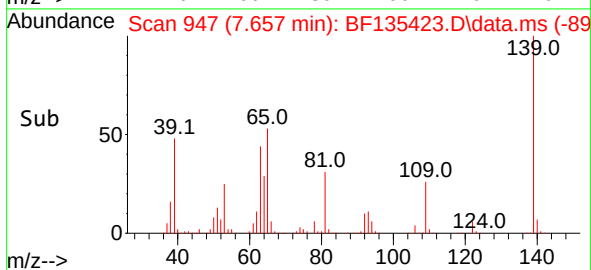
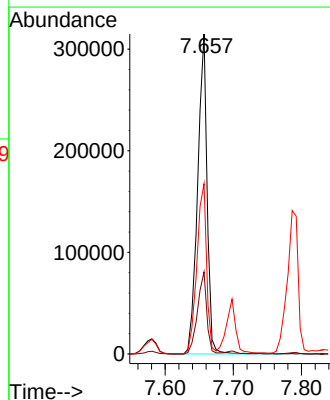
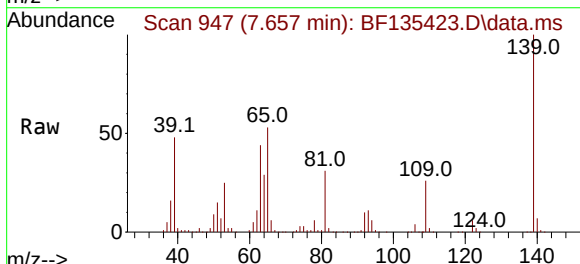
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

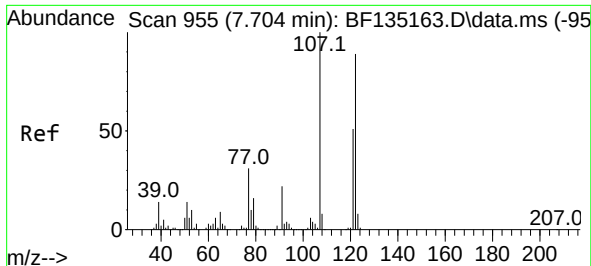


#26  
2-Nitrophenol  
Concen: 49.522 ng  
RT: 7.657 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:139 Resp: 304657  
Ion Ratio Lower Upper  
139 100  
109 25.7 22.6 33.8  
65 53.2 47.0 70.4







#27

2,4-Dimethylphenol

Concen: 47.944 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135423.D

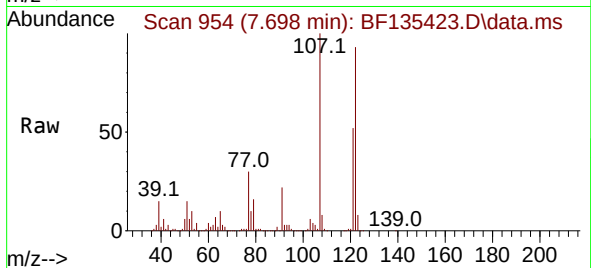
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS



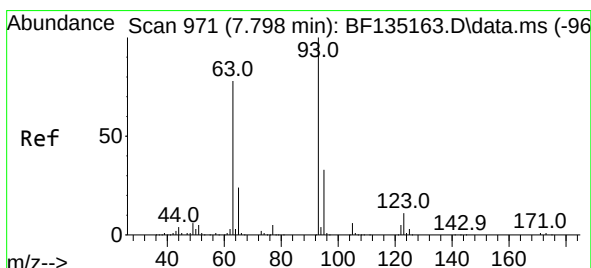
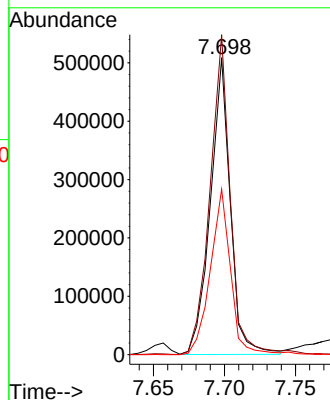
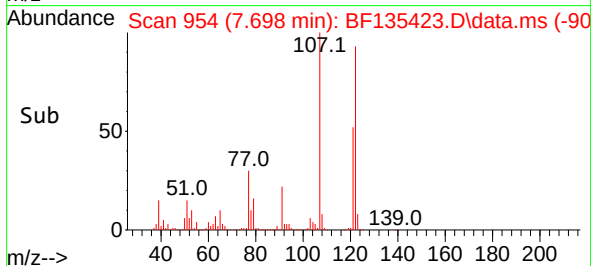
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 49577 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 107.8 | 90.2  | 135.4 |
| 121       | 55.7  | 46.3  | 69.5  |

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.502 ng

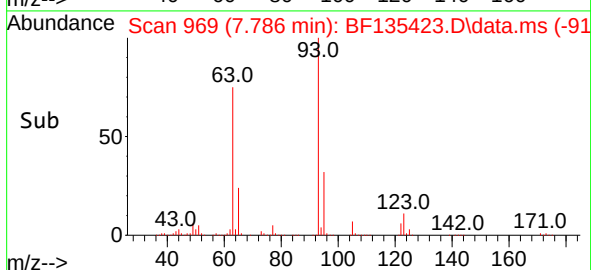
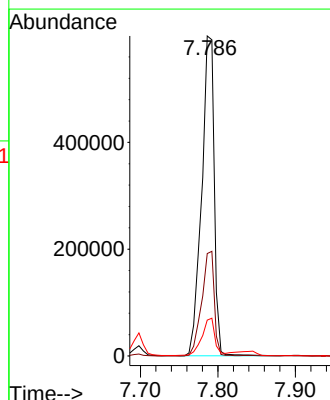
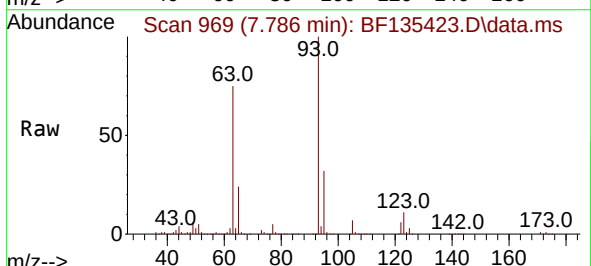
RT: 7.786 min Scan# 969

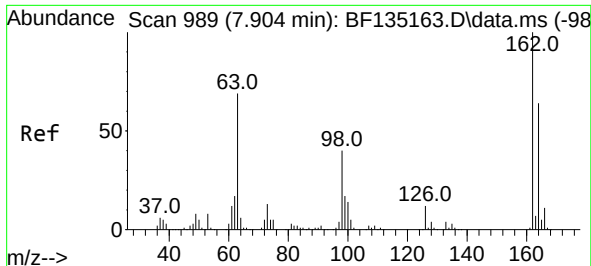
Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 677046 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.0  | 26.2  | 39.2   |
| 123       | 11.2  | 8.8   | 13.2   |





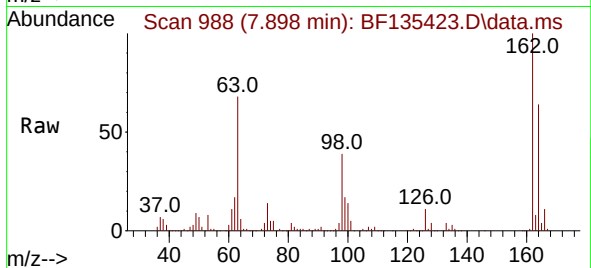
#29  
2,4-Dichlorophenol  
Concen: 45.916 ng  
RT: 7.898 min Scan# 989  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

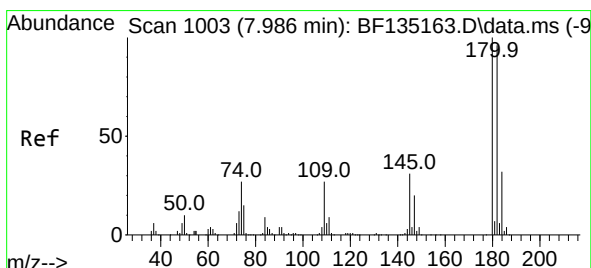
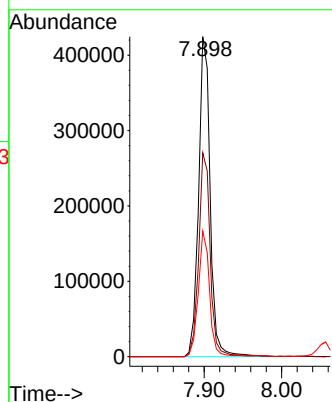
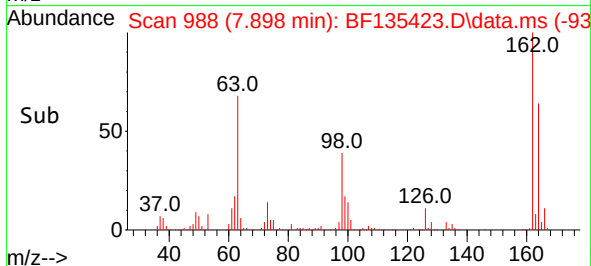


Tgt Ion:162 Resp: 43995  
Ion Ratio Lower Upper  
162 100  
164 63.7 44.1 84.1  
98 39.2 20.3 60.3

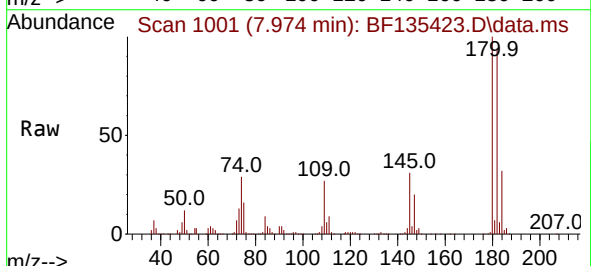
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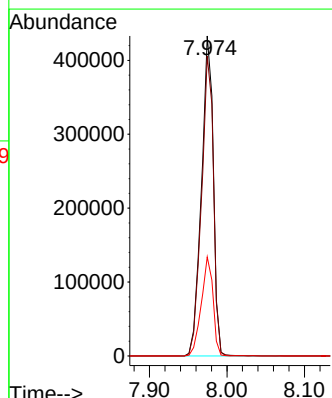
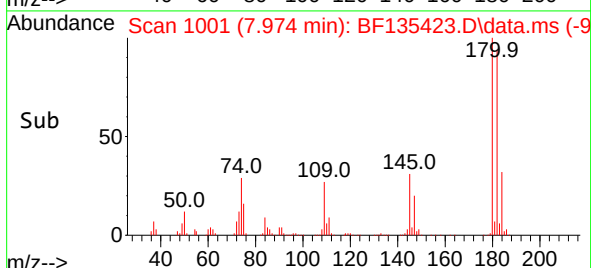
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

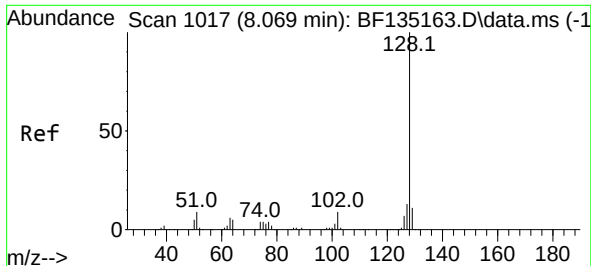


#30  
1,2,4-Trichlorobenzene  
Concen: 46.002 ng  
RT: 7.974 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



Tgt Ion:180 Resp: 460714  
Ion Ratio Lower Upper  
180 100  
182 93.8 76.9 115.3  
145 30.9 24.5 36.7





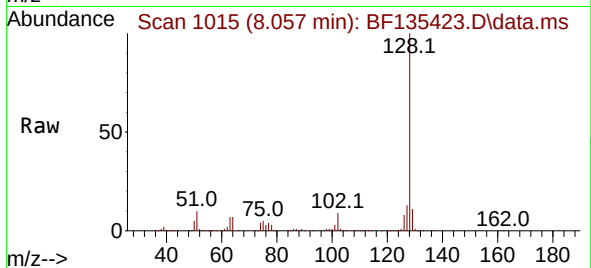
#31  
Naphthalene  
Concen: 44.926 ng  
RT: 8.057 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS



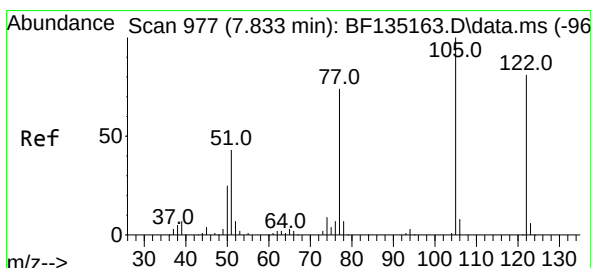
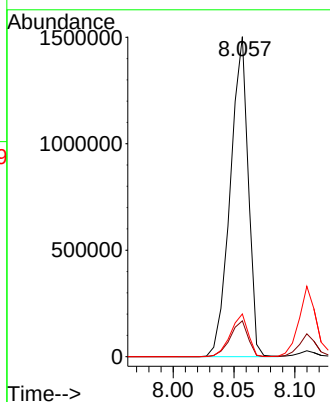
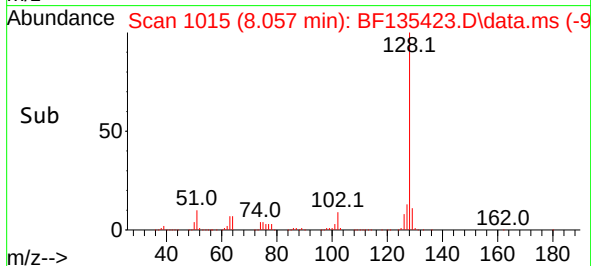
Tgt Ion:128 Resp: 153794  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.3 10.7 16.1

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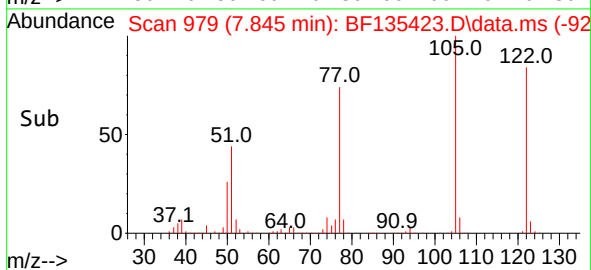
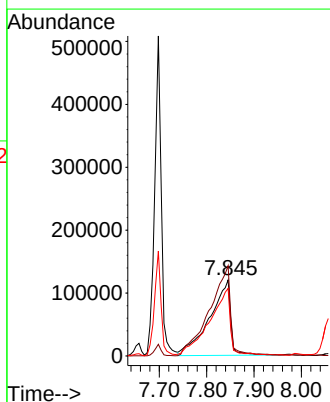
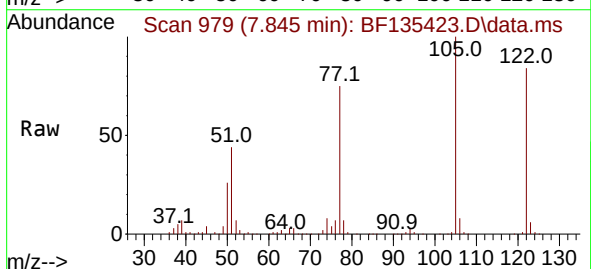
Reviewed By :Yogesh Patel 09/26/2023

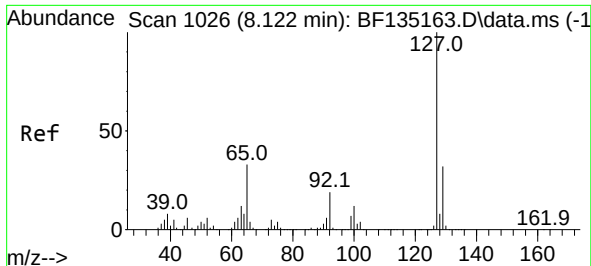
Supervised By :Jagrut Upadhyay 09/26/2023



#32  
Benzoic acid  
Concen: 47.219 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.017 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:122 Resp: 367678  
Ion Ratio Lower Upper  
122 100  
105 118.9 99.9 139.9  
77 88.8 70.0 110.0





#33  
4-Chloroaniline  
Concen: 23.318 ng  
RT: 8.110 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

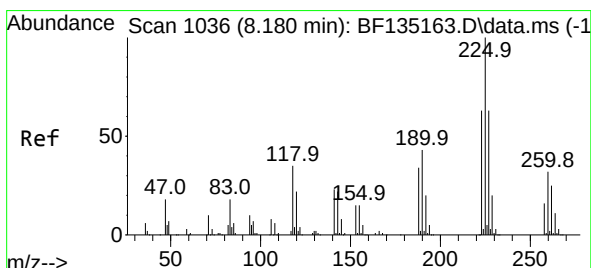
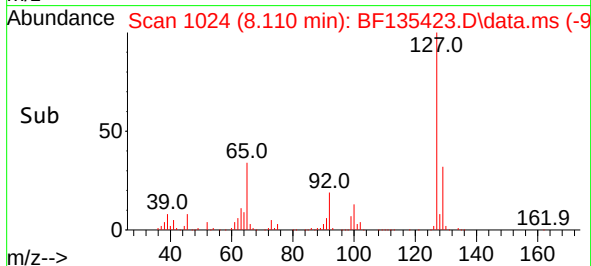
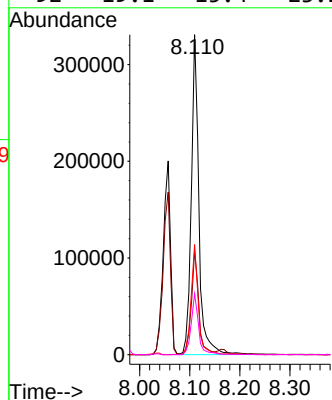
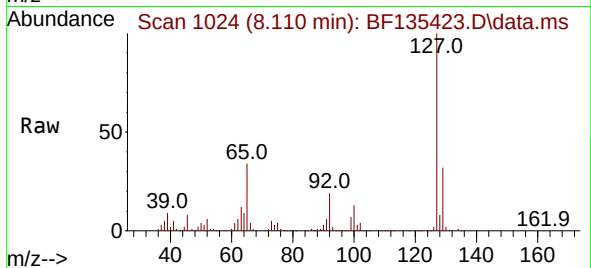
PB155762BS

Tgt Ion:127 Resp: 35022  
Ion Ratio Lower Upper  
127 100  
129 32.5 25.8 38.8  
65 34.4 26.6 39.8  
92 19.1 15.4 23.2

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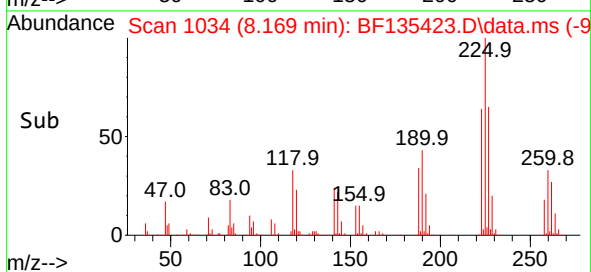
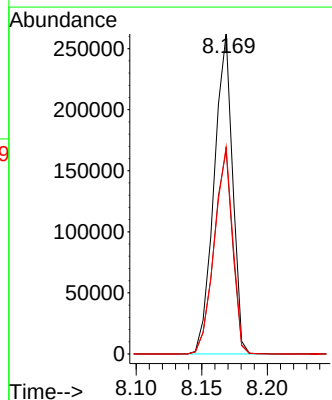
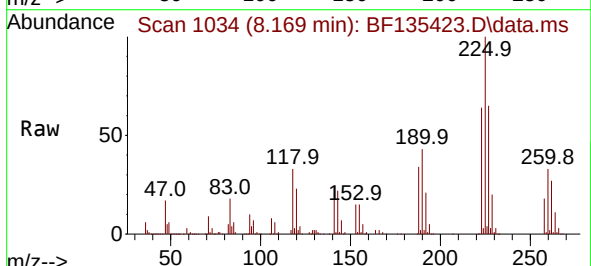
APPROVED

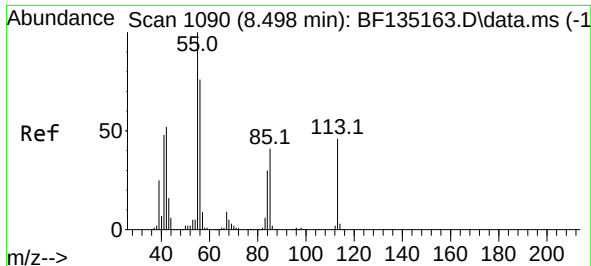
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#34  
Hexachlorobutadiene  
Concen: 42.475 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

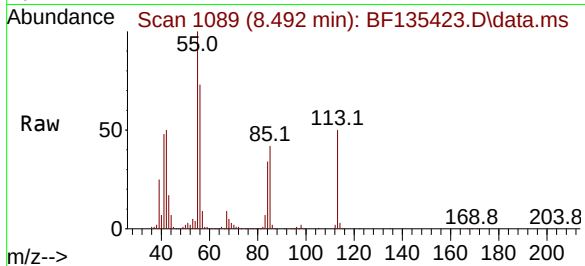
Tgt Ion:225 Resp: 256507  
Ion Ratio Lower Upper  
225 100  
223 63.6 50.6 75.8  
227 64.7 50.8 76.2





#35  
Caprolactam  
Concen: 46.020 ng m  
RT: 8.492 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

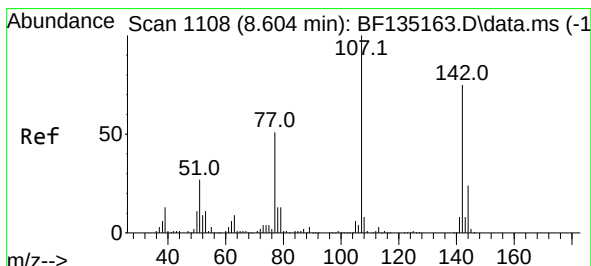
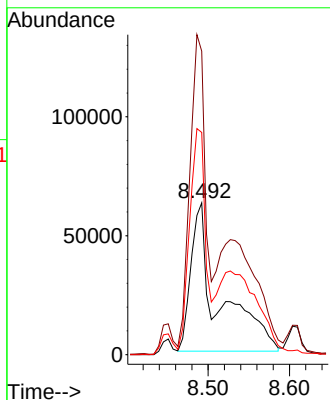
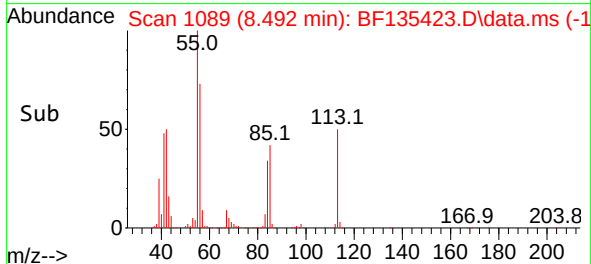
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



Tgt Ion:113 Resp: 14799  
Ion Ratio Lower Upper  
113 100  
55 200.0 199.3 239.3  
56 146.4 146.3 186.3

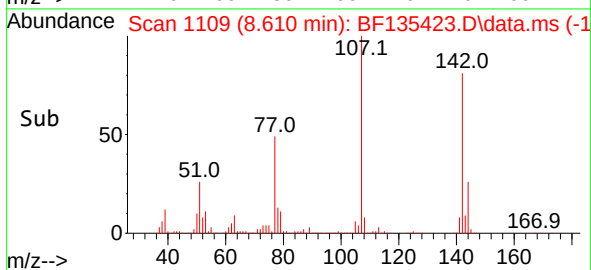
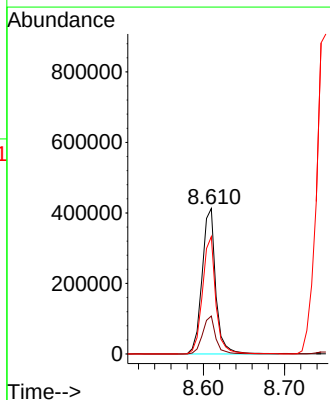
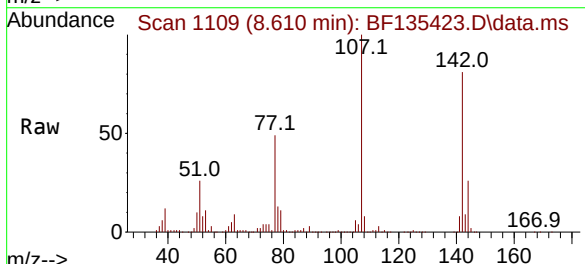
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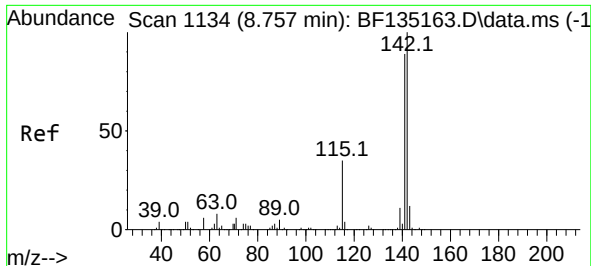
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#36  
4-Chloro-3-methylphenol  
Concen: 45.176 ng  
RT: 8.610 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:107 Resp: 481097  
Ion Ratio Lower Upper  
107 100  
144 26.1 19.0 28.4  
142 80.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 41.559 ng

RT: 8.751 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

Tgt Ion:142 Resp: 95632

Ion Ratio Lower Upper

142 100

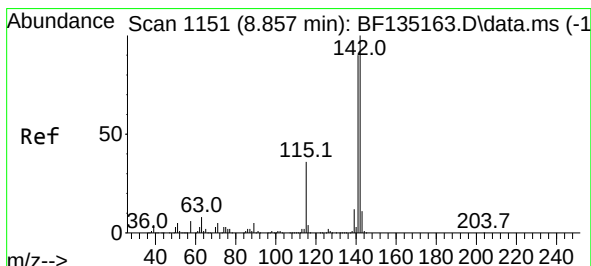
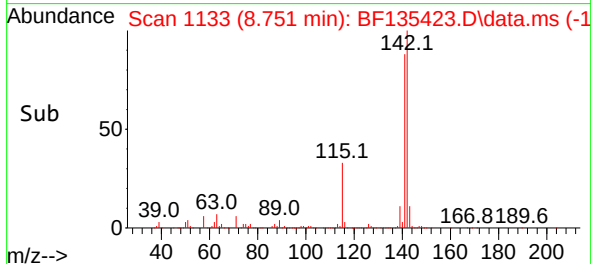
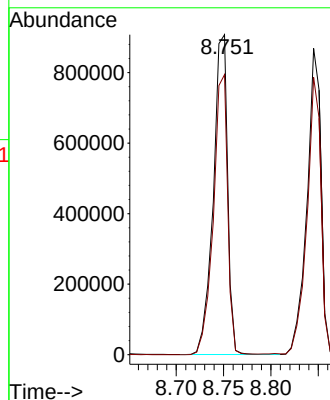
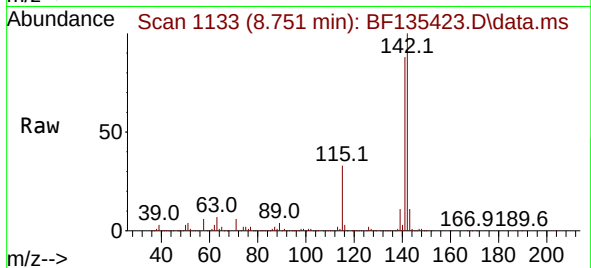
141 87.5 71.0 106.6

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#38

1-Methylnaphthalene

Concen: 41.771 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF135423.D

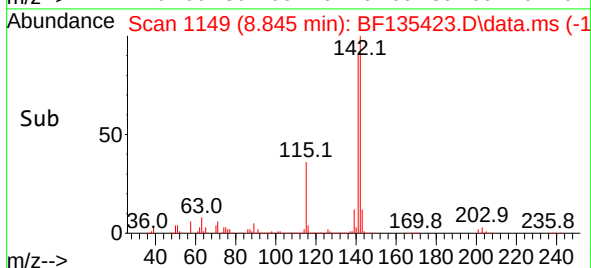
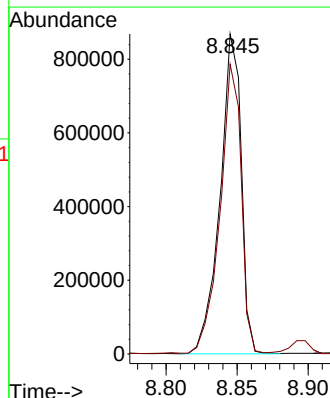
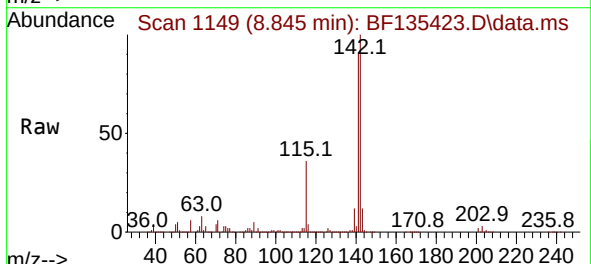
Acq: 25 Sep 2023 13:11

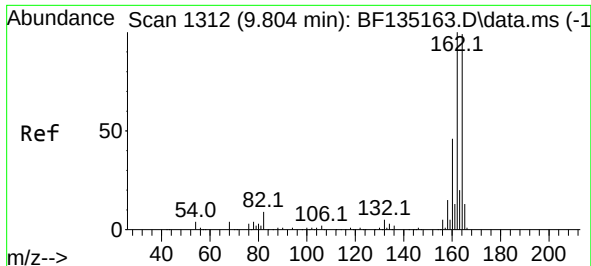
Tgt Ion:142 Resp: 899920

Ion Ratio Lower Upper

142 100

141 90.5 72.4 108.6





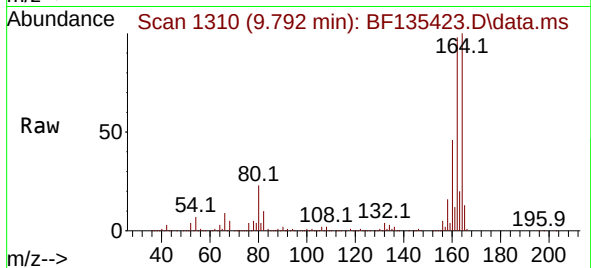
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.792 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

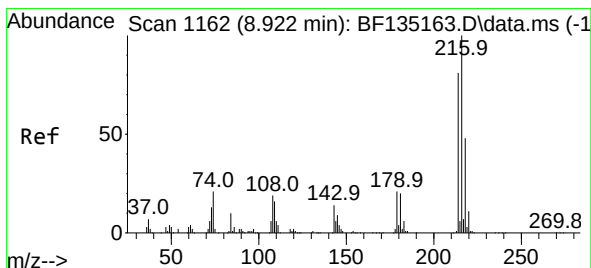
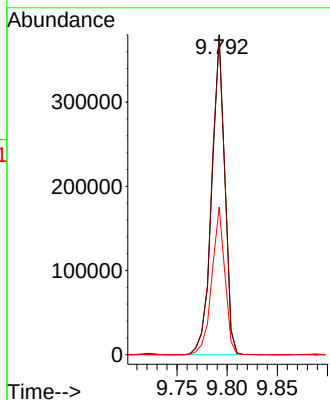
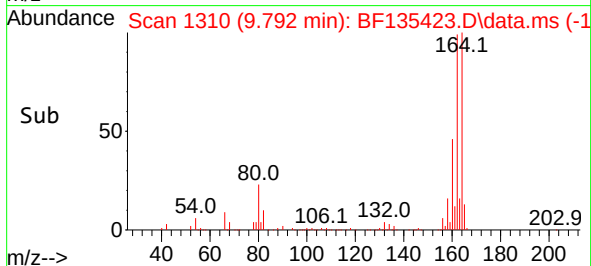


Tgt Ion:164 Resp: 343508  
Ion Ratio Lower Upper  
164 100  
162 98.2 81.0 121.4  
160 46.1 37.0 55.4

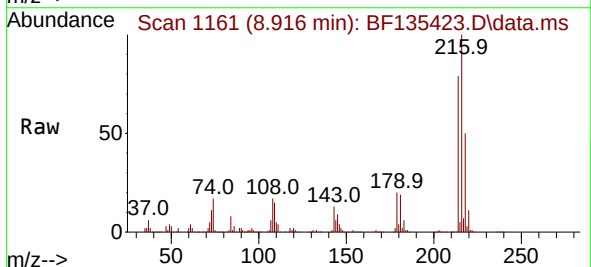
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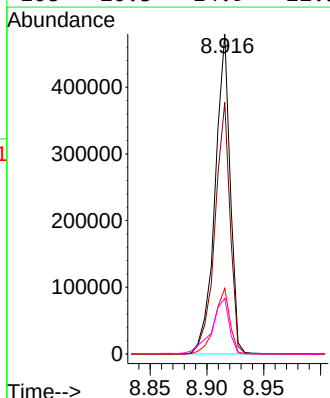
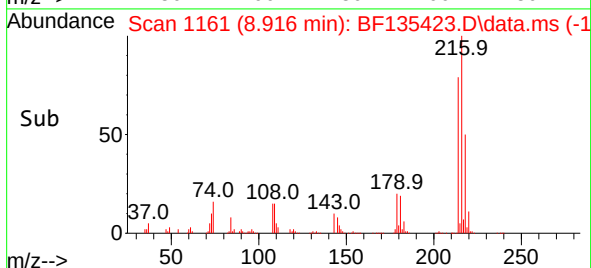
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

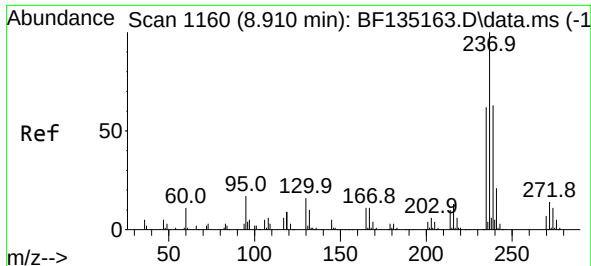


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.592 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



Tgt Ion:216 Resp: 443771  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.7 95.5  
179 20.4 16.7 25.1  
108 20.3 14.9 22.3





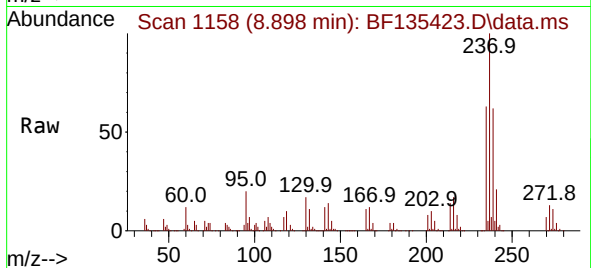
#41  
Hexachlorocyclopentadiene  
Concen: 66.169 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

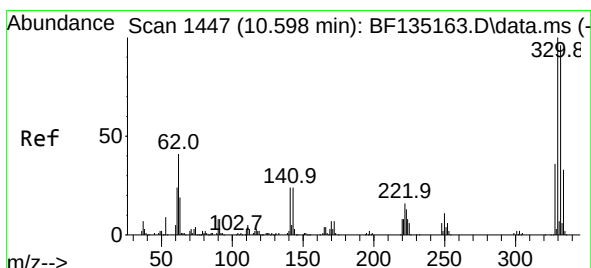
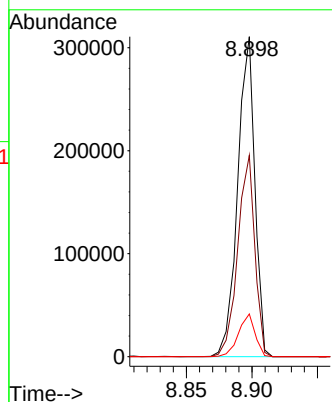
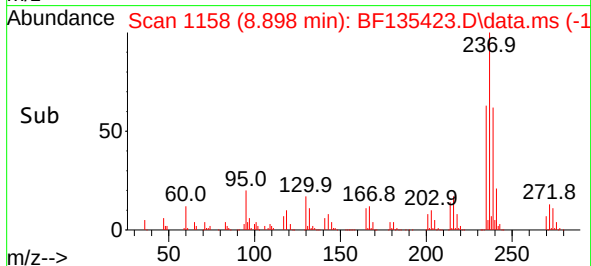


Tgt Ion: 237 Resp: 283984  
Ion Ratio Lower Upper  
237 100  
235 62.9 41.8 81.8  
272 13.3 0.0 33.6

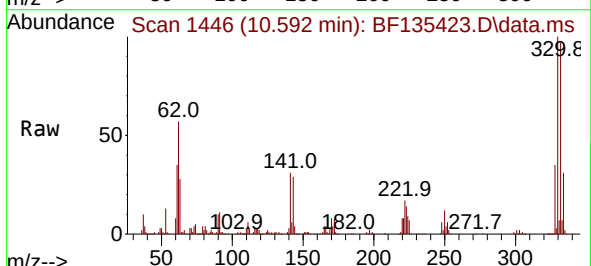
Manual Integrations

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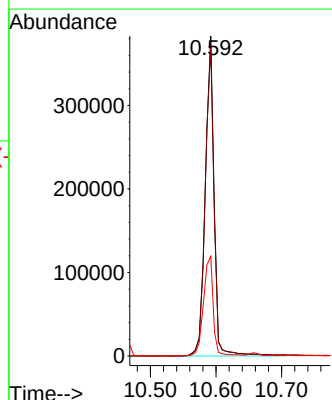
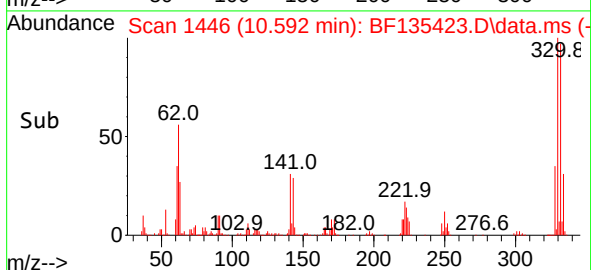
Reviewed By : Yogesh Patel 09/26/2023  
Supervised By : Jagrut Upadhyay 09/26/2023



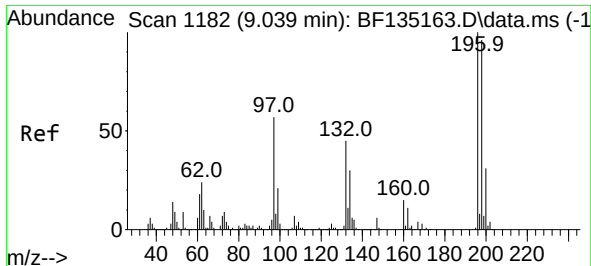
#42  
2,4,6-Tribromophenol  
Concen: 106.134 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



Tgt Ion: 330 Resp: 362303  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.3 115.9  
141 34.4 25.8 38.8







#43

2,4,6-Trichlorophenol

Concen: 44.942 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

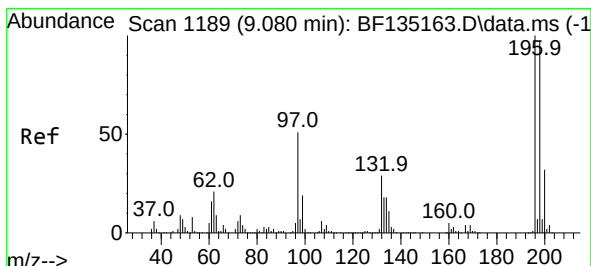
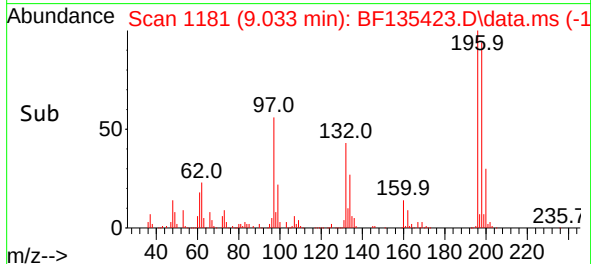
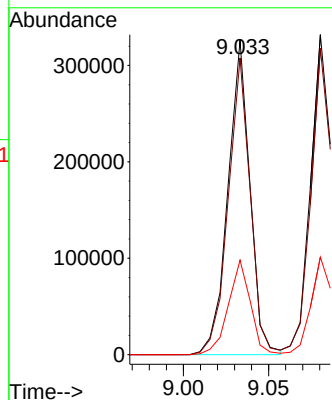
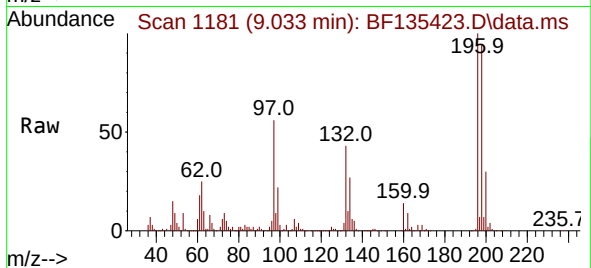
PB155762BS

Tgt Ion:196 Resp: 292834  
 Ion Ratio Lower Upper  
 196 100  
 198 94.4 77.0 115.6  
 200 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023  
 Supervised By :Jagrut Upadhyay 09/26/2023



#44

2,4,5-Trichlorophenol

Concen: 41.949 ng

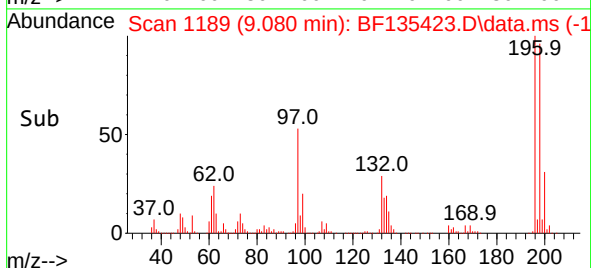
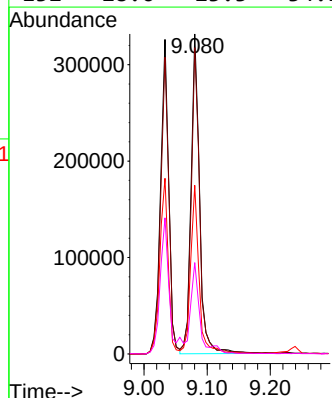
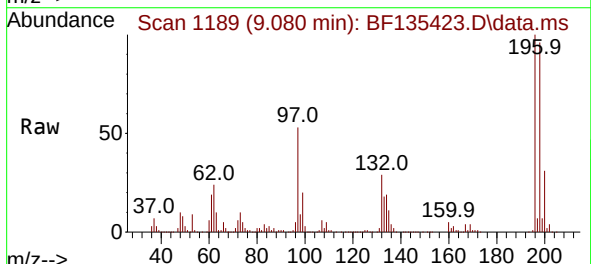
RT: 9.080 min Scan# 1189

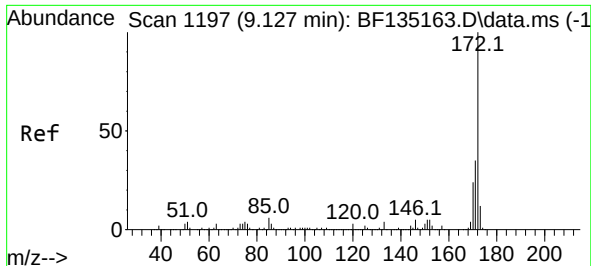
Delta R.T. 0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Tgt Ion:196 Resp: 314772  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 77.5 116.3  
 97 52.7 40.5 60.7  
 132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.125 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

Tgt Ion:172 Resp: 182429

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

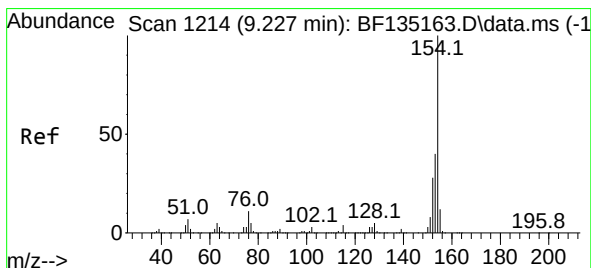
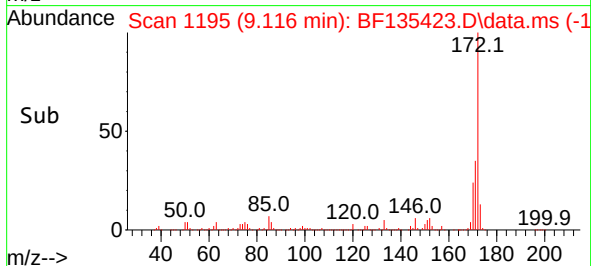
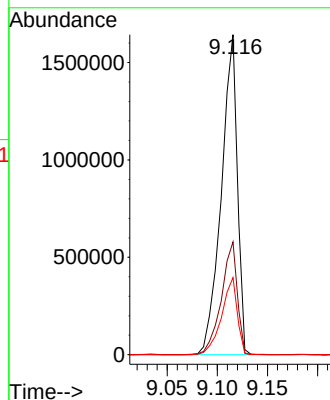
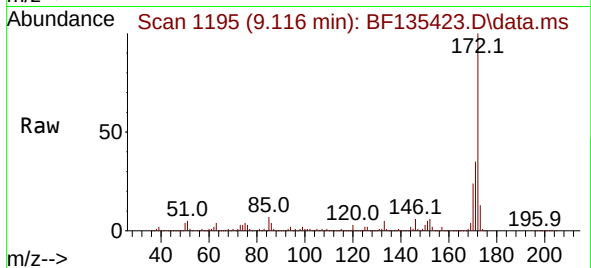
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#46

1,1'-Biphenyl

Concen: 44.057 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

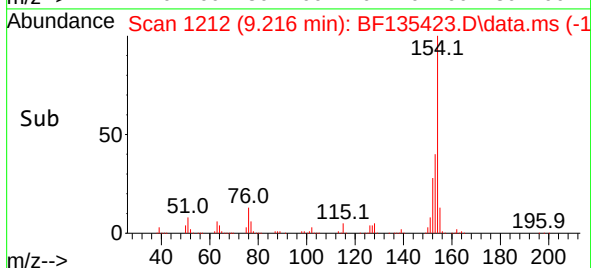
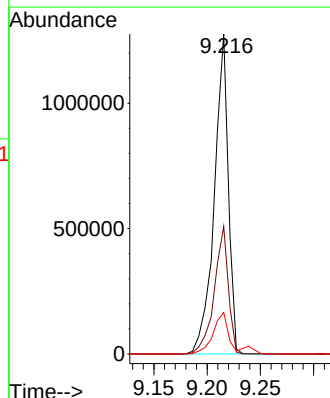
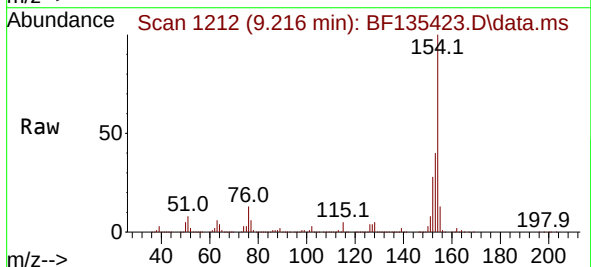
Tgt Ion:154 Resp: 1163026

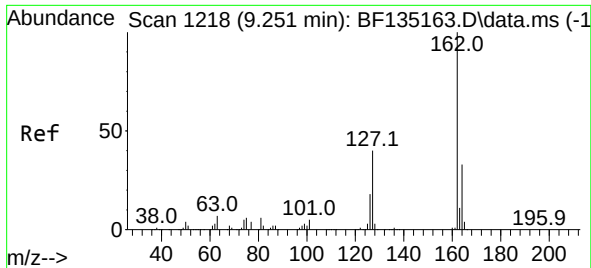
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 12.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.074 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

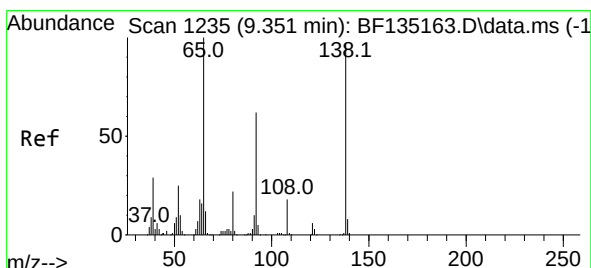
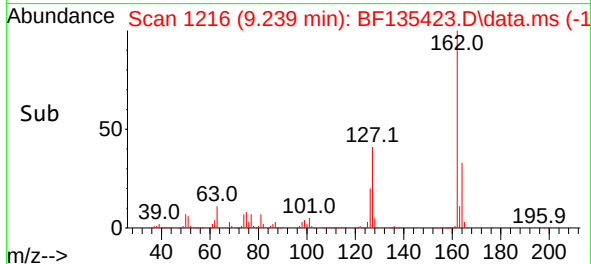
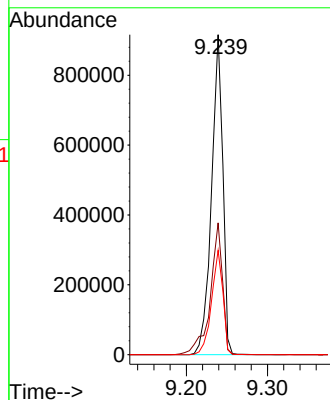
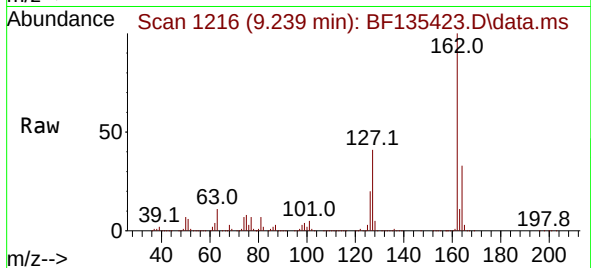
PB155762BS

Tgt Ion:162 Resp: 882472  
 Ion Ratio Lower Upper  
 162 100  
 127 41.2 32.6 48.8  
 164 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023  
 Supervised By :Jagrut Upadhyay 09/26/2023



#48

2-Nitroaniline

Concen: 46.339 ng

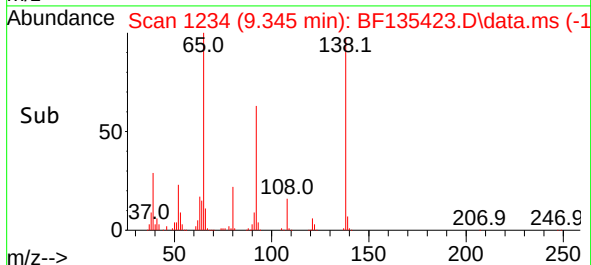
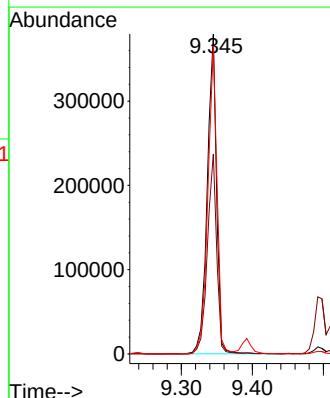
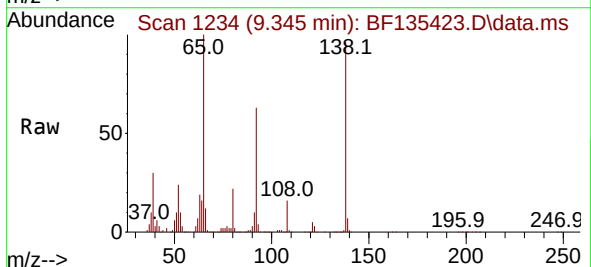
RT: 9.345 min Scan# 1234

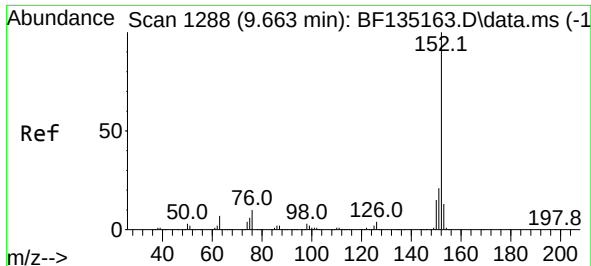
Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Tgt Ion: 65 Resp: 344812  
 Ion Ratio Lower Upper  
 65 100  
 92 62.5 49.4 74.0  
 138 96.2 77.4 116.0





#49

Acenaphthylene

Concen: 42.884 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

Tgt Ion:152 Resp: 136507

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

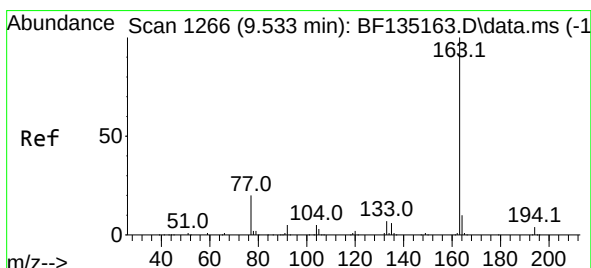
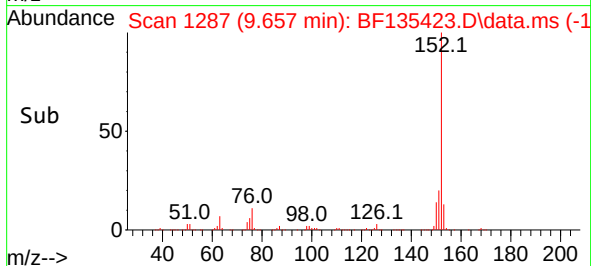
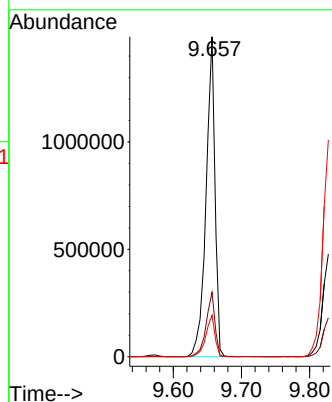
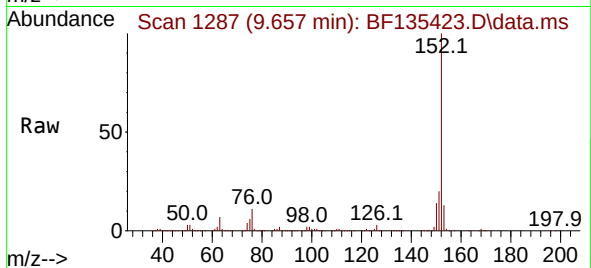
153 12.9 10.4 15.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#50

Dimethylphthalate

Concen: 43.838 ng

RT: 9.521 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

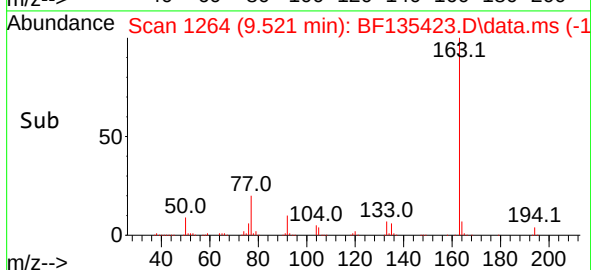
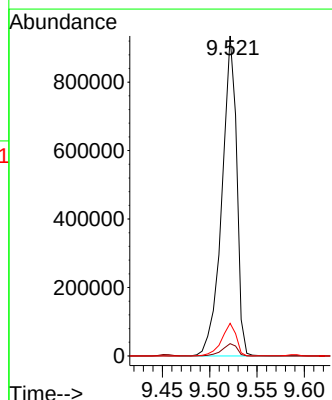
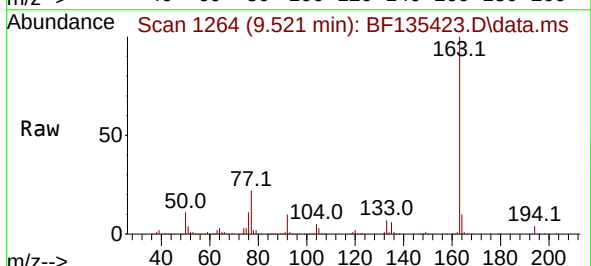
Tgt Ion:163 Resp: 1018119

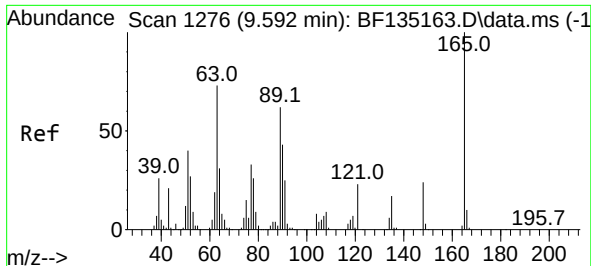
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

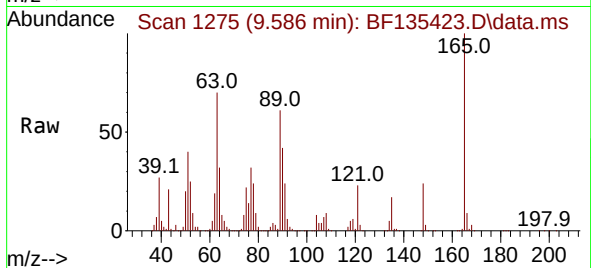
164 10.2 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 44.768 ng  
RT: 9.586 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

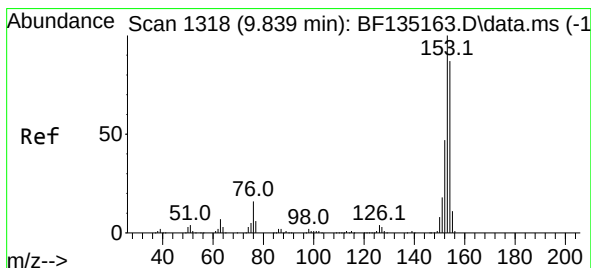
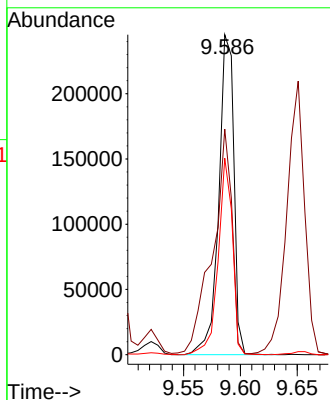
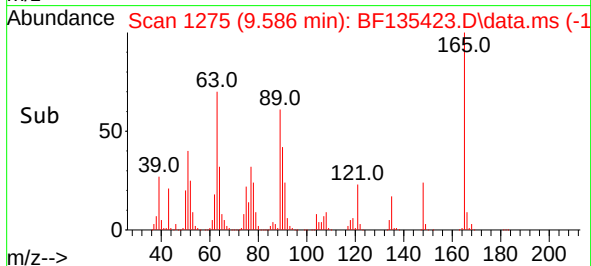
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



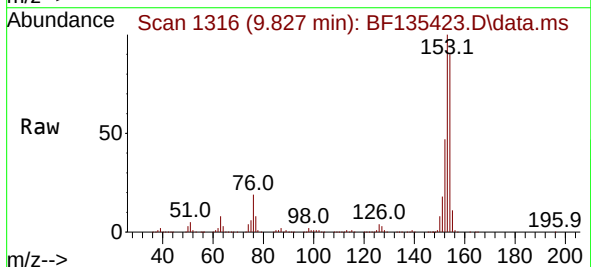
Tgt Ion:165 Resp: 22776  
Ion Ratio Lower Upper  
165 100  
63 70.5 59.4 89.2  
89 61.4 49.8 74.8

Manual Integrations  
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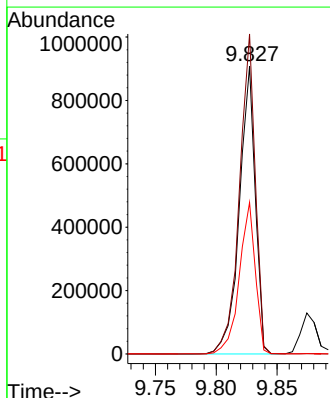
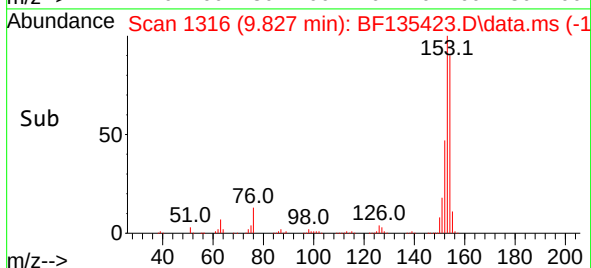
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

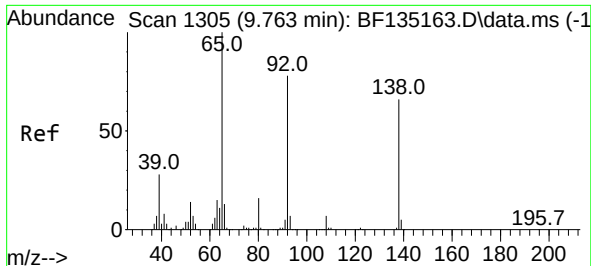


#52  
Acenaphthene  
Concen: 44.206 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



Tgt Ion:154 Resp: 831268  
Ion Ratio Lower Upper  
154 100  
153 111.2 92.1 138.1  
152 52.7 43.1 64.7





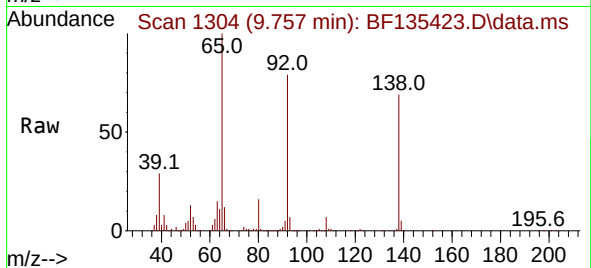
#53  
3-Nitroaniline  
Concen: 33.307 ng  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS



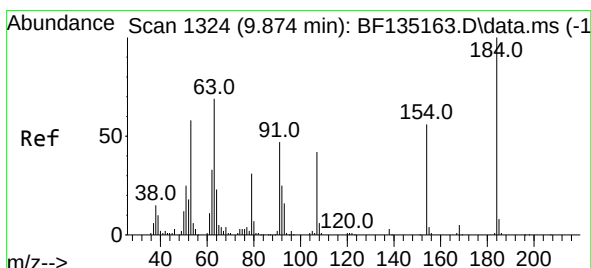
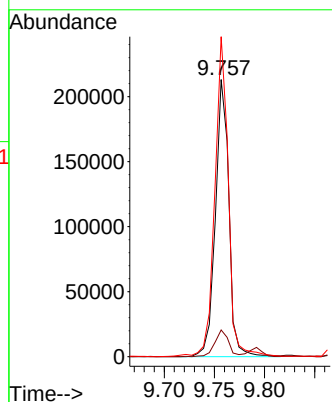
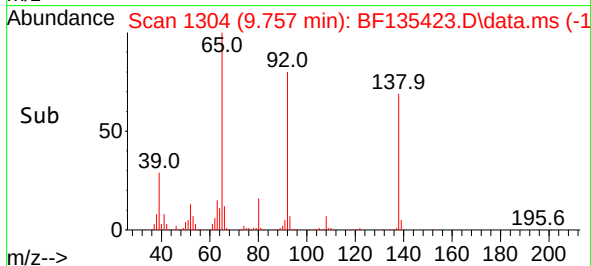
Tgt Ion:138 Resp: 198914  
Ion Ratio Lower Upper  
138 100  
108 9.6 8.5 12.7  
92 115.5 95.4 143.0

Manual Integrations

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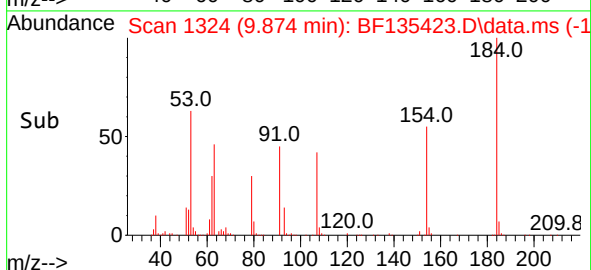
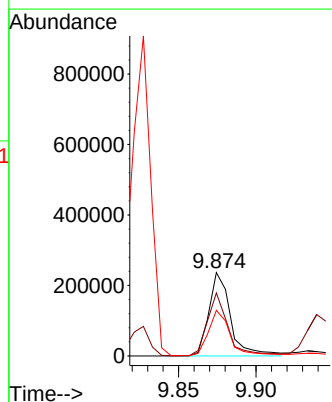
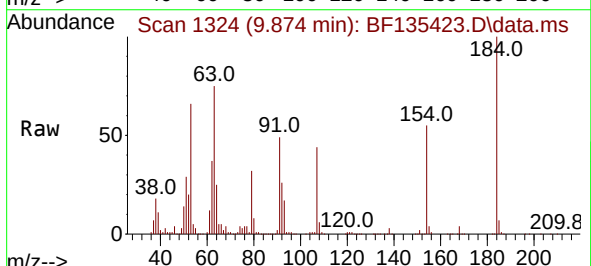
Reviewed By :Yogesh Patel 09/26/2023

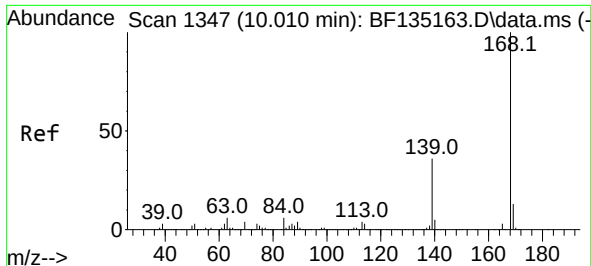
Supervised By :Jagrut Upadhyay 09/26/2023



#54  
2,4-Dinitrophenol  
Concen: 80.189 ng  
RT: 9.874 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:184 Resp: 231654  
Ion Ratio Lower Upper  
184 100  
63 75.5 55.1 82.7  
154 54.7 48.4 72.6





#55  
Dibenzenofuran  
Concen: 40.350 ng  
RT: 10.004 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

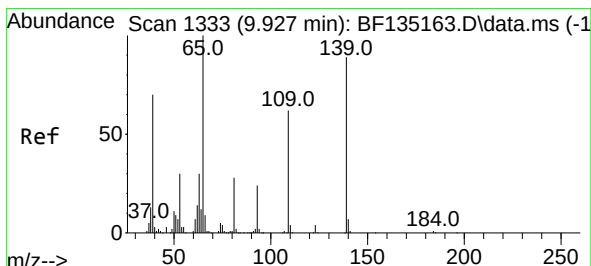
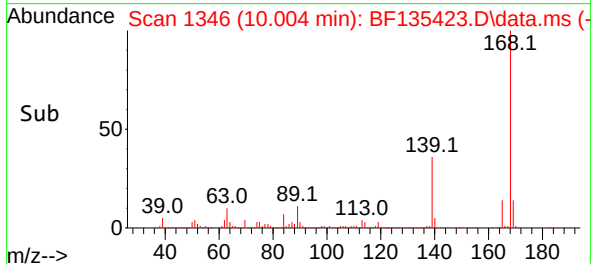
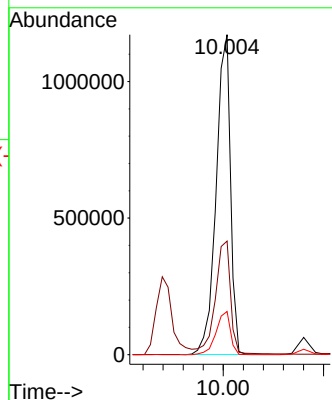
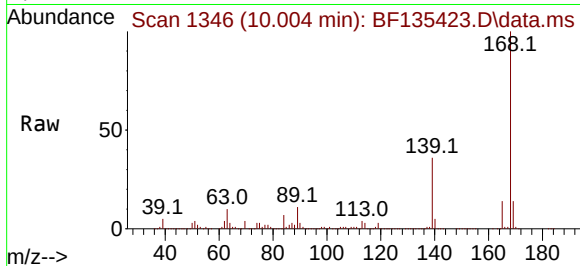
PB155762BS

Tgt Ion:168 Resp: 115785  
Ion Ratio Lower Upper  
168 100  
139 35.5 29.0 43.6  
169 13.5 10.4 15.6

Manual Integrations

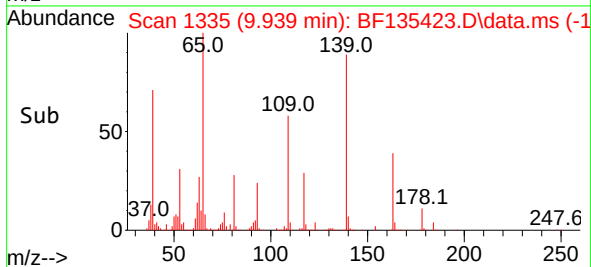
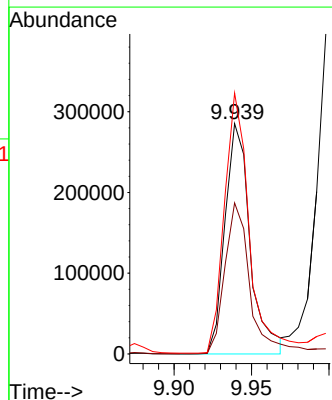
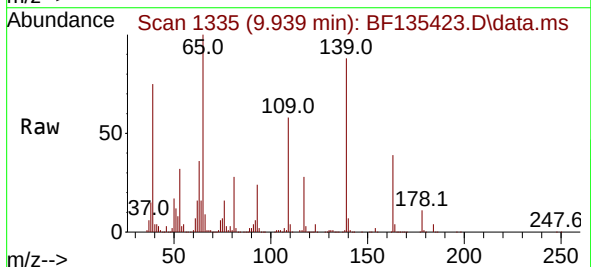
APPROVED

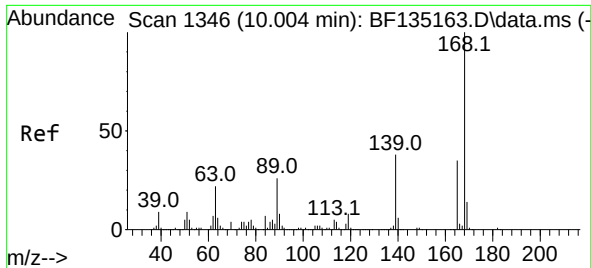
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#56  
4-Nitrophenol  
Concen: 84.714 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:139 Resp: 321540  
Ion Ratio Lower Upper  
139 100  
109 65.6 49.8 89.8  
65 113.3 92.7 132.7





#57  
2,4-Dinitrotoluene  
Concen: 40.740 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

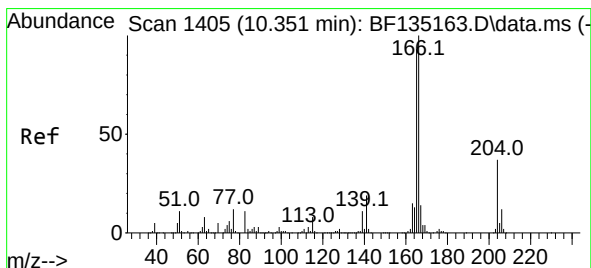
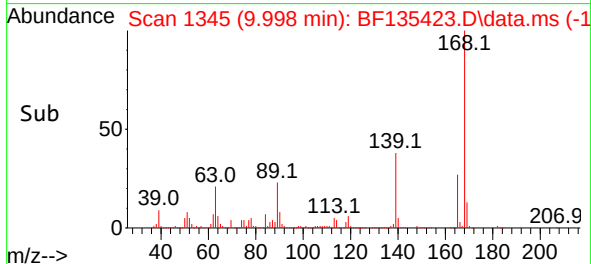
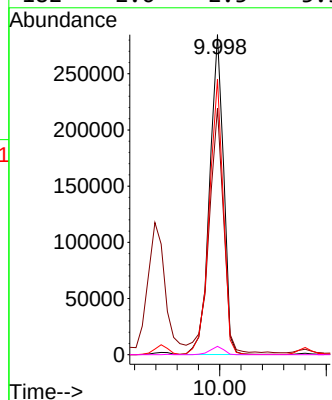
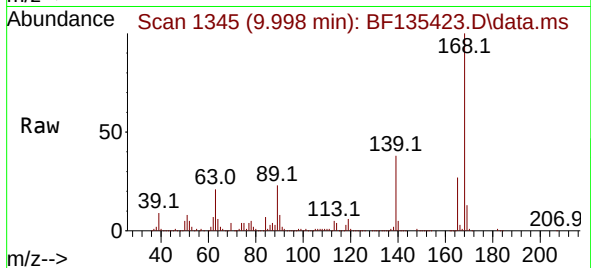
PB155762BS

Tgt Ion:165 Resp: 259492  
Ion Ratio Lower Upper  
165 100  
63 77.0 50.1 75.1  
89 86.2 59.3 88.9  
182 2.6 2.3 3.5

Manual Integrations

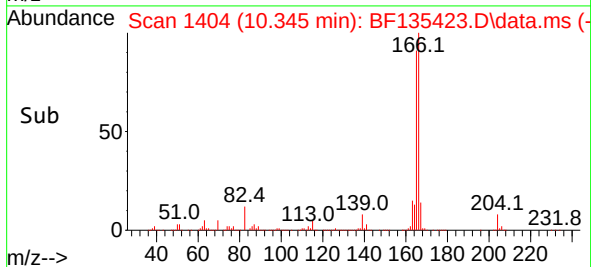
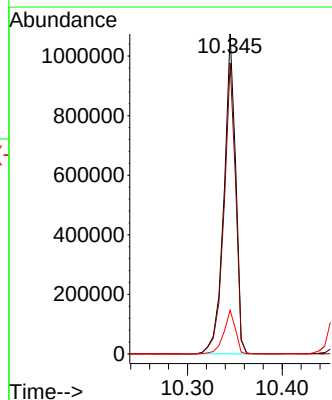
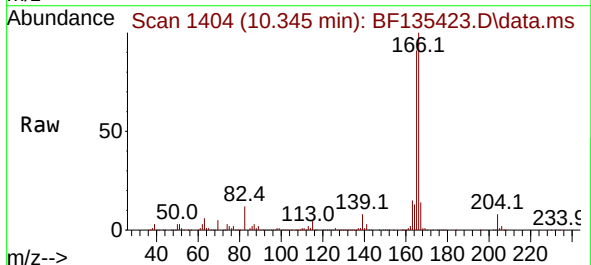
APPROVED

Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

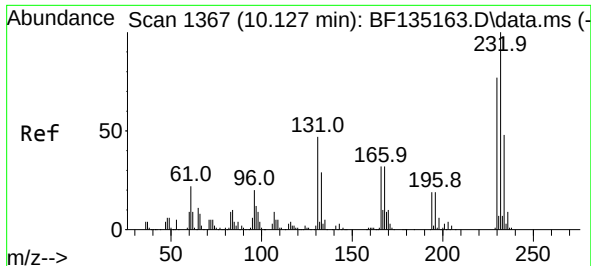


#58  
Fluorene  
Concen: 41.776 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:166 Resp: 921560  
Ion Ratio Lower Upper  
166 100  
165 90.9 74.3 111.5  
167 13.7 10.9 16.3

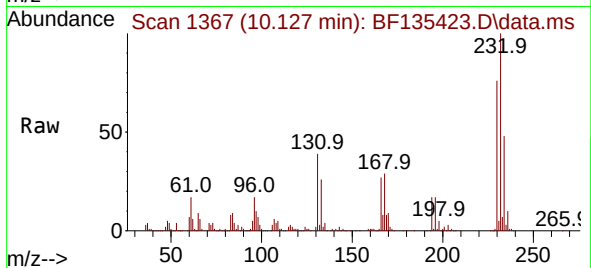






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.191 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

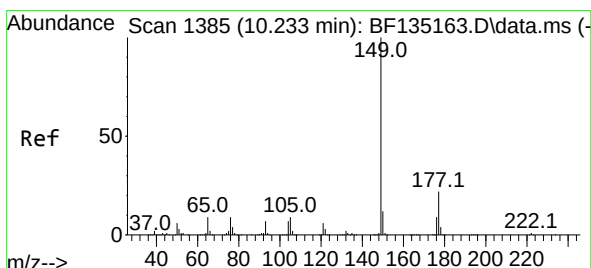
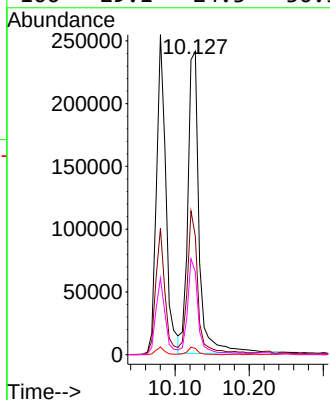
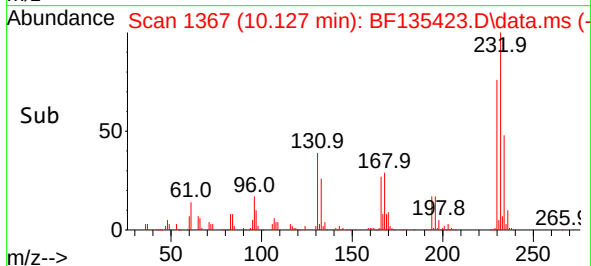
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



Tgt Ion:232 Resp: 255071  
Ion Ratio Lower Upper  
232 100  
131 43.5 35.4 53.2  
130 2.3 1.8 2.8  
166 29.1 24.3 36.5

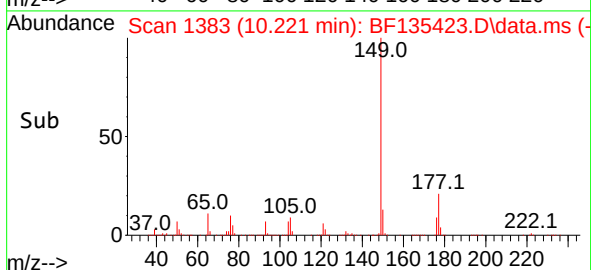
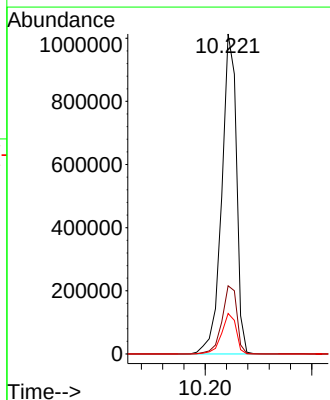
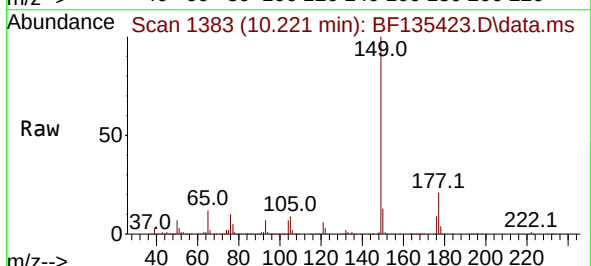
Manual Integrations  
APPROVED

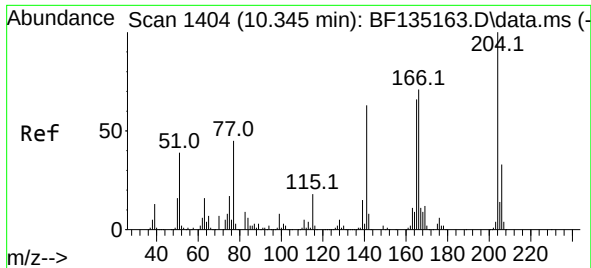
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#60  
Diethylphthalate  
Concen: 41.640 ng  
RT: 10.221 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

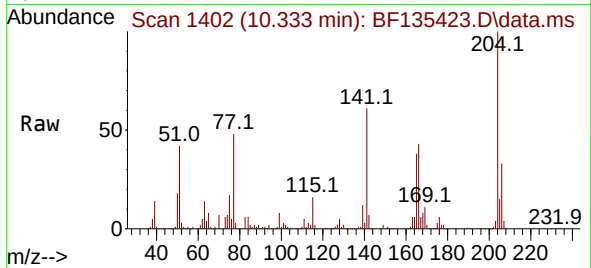
Tgt Ion:149 Resp: 970547  
Ion Ratio Lower Upper  
149 100  
177 21.3 17.8 26.6  
150 12.6 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 39.619 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

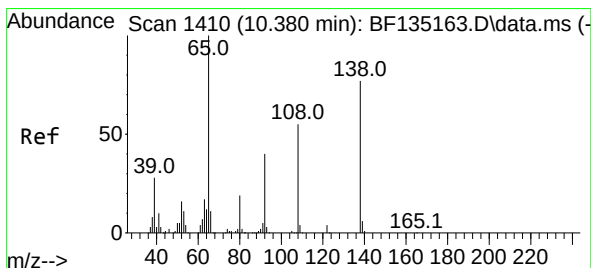
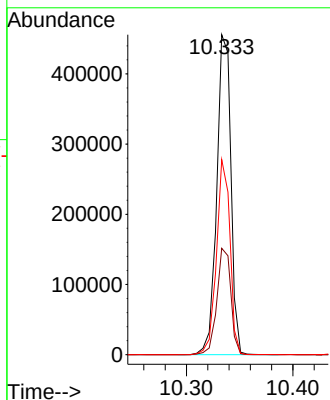
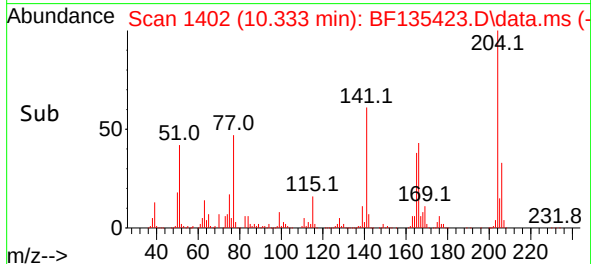
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



Tgt Ion:204 Resp: 419828  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.7 40.1  
141 61.0 50.6 75.8

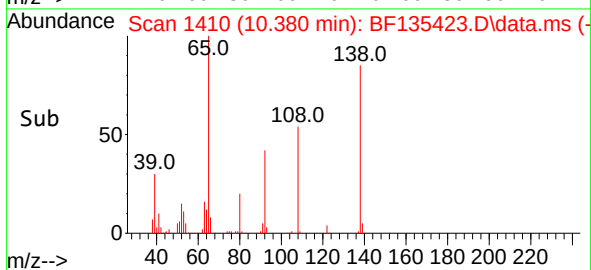
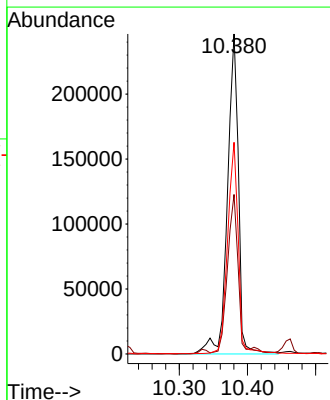
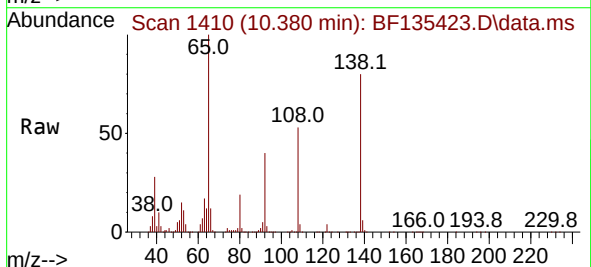
Manual Integrations  
APPROVED

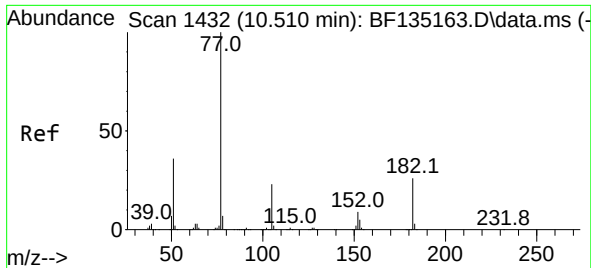
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#62  
4-Nitroaniline  
Concen: 48.101 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:138 Resp: 276133  
Ion Ratio Lower Upper  
138 100  
92 49.8 31.8 71.8  
108 66.1 52.0 92.0





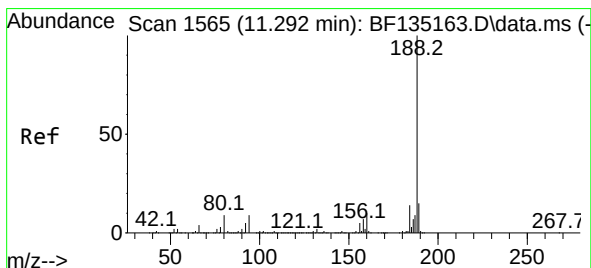
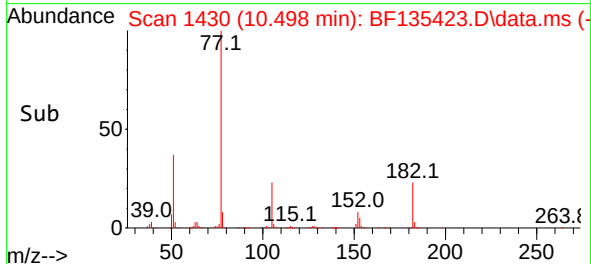
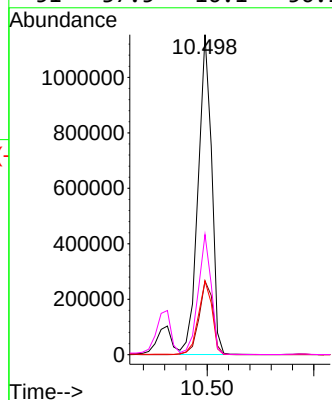
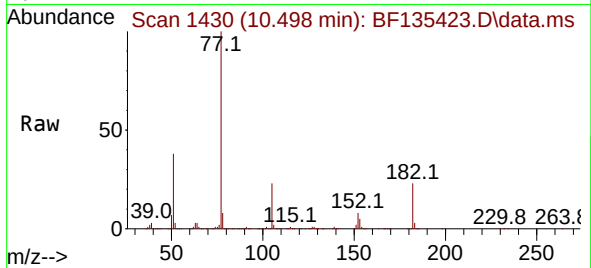
#63  
Azobenzene  
Concen: 44.584 ng  
RT: 10.498 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS

Tgt Ion: 77 Resp: 1017035  
Ion Ratio Lower Upper  
77 100  
182 23.0 6.4 46.4  
105 23.0 3.1 43.1  
51 37.5 16.1 56.1

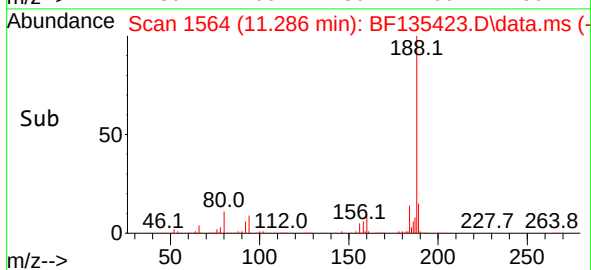
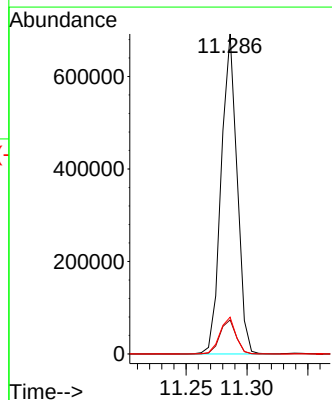
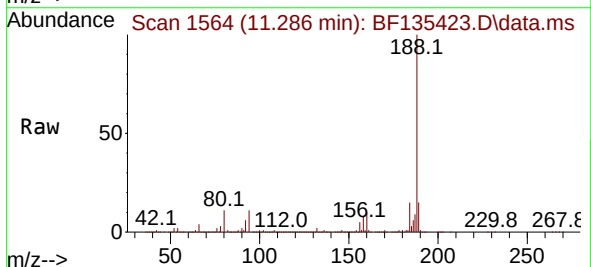
Manual Integrations  
APPROVED

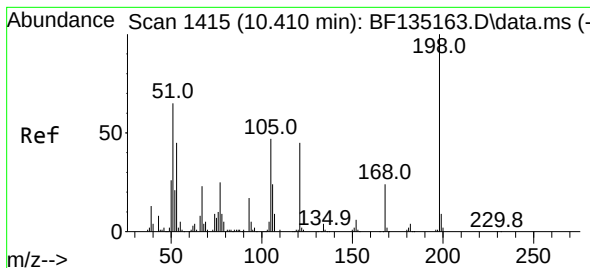
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.286 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:188 Resp: 630317  
Ion Ratio Lower Upper  
188 100  
94 10.6 7.0 10.6#  
80 11.5 7.5 11.3#





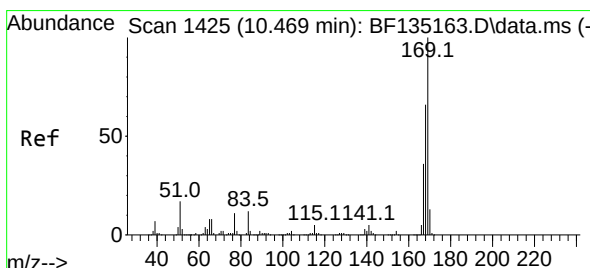
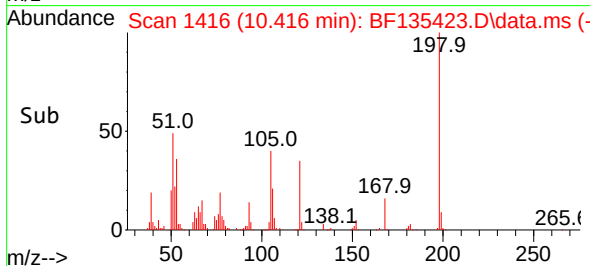
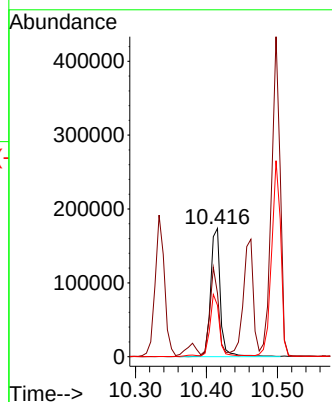
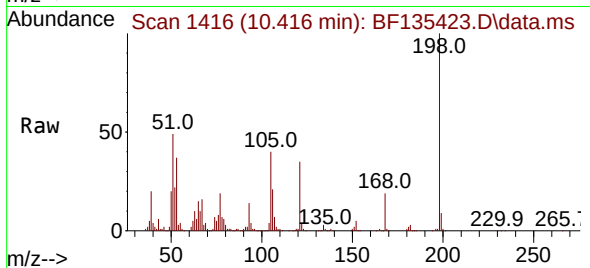
#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.468 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS

Tgt Ion:198 Resp: 165610  
Ion Ratio Lower Upper  
198 100  
51 49.3 47.7 87.7  
105 40.0 27.4 67.4

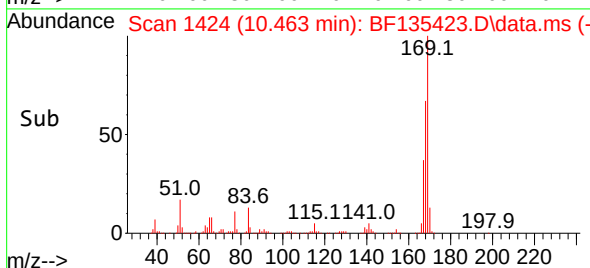
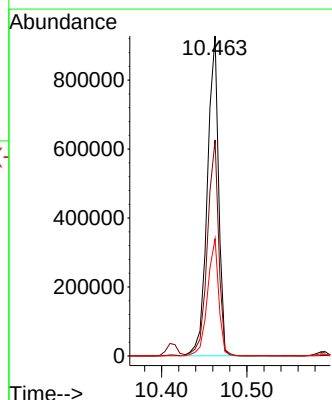
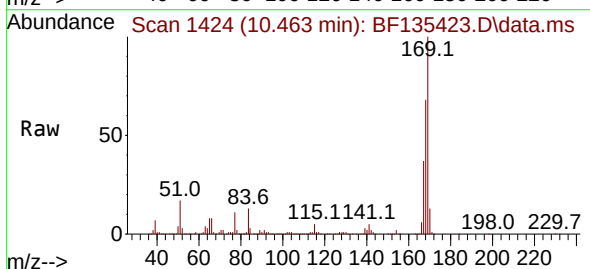
Manual Integrations  
APPROVED

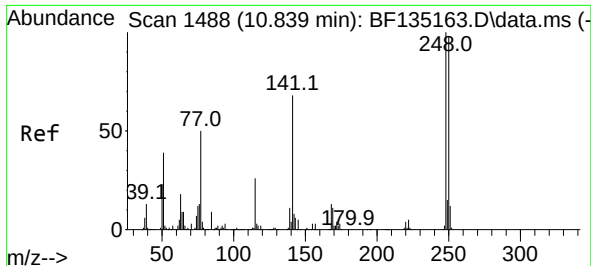
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#66  
n-Nitrosodiphenylamine  
Concen: 44.506 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

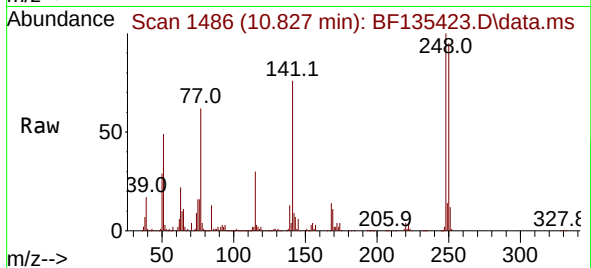
Tgt Ion:169 Resp: 849291  
Ion Ratio Lower Upper  
169 100  
168 67.5 52.8 79.2  
167 36.7 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 42.895 ng  
RT: 10.827 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

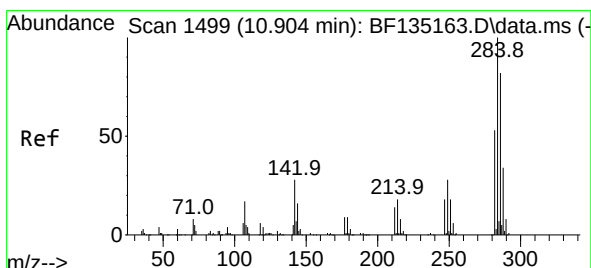
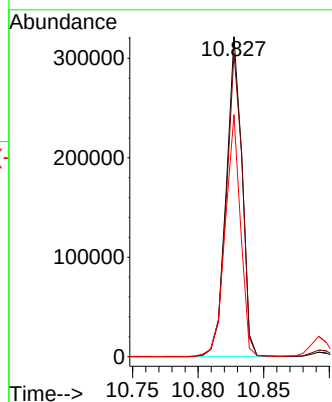
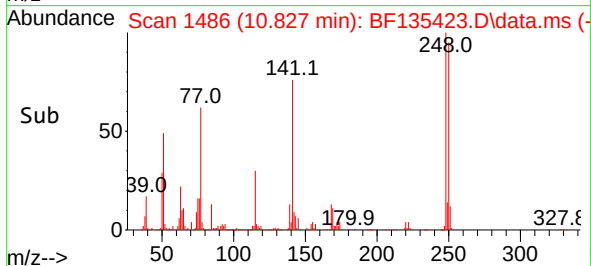
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



Tgt Ion:248 Resp: 268910  
Ion Ratio Lower Upper  
248 100  
250 94.8 78.6 117.8  
141 75.6 54.2 81.2

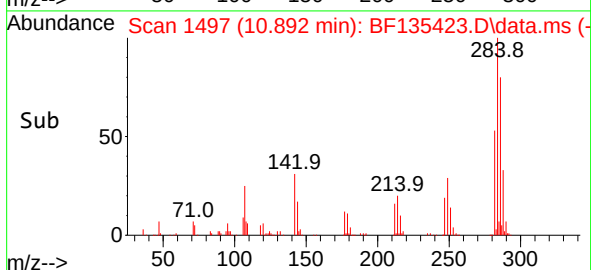
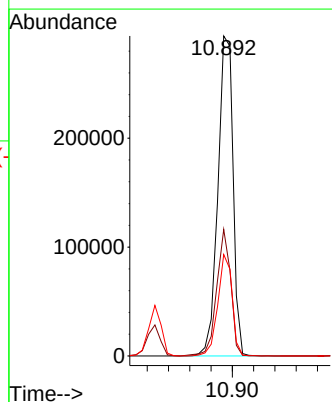
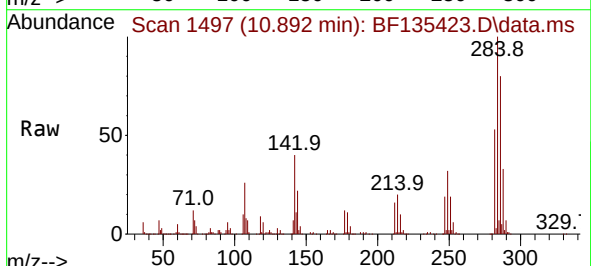
Manual Integrations  
APPROVED

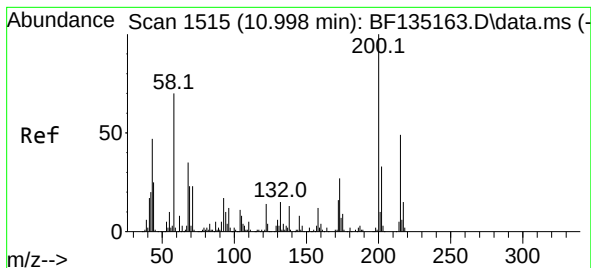
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#68  
Hexachlorobenzene  
Concen: 45.444 ng  
RT: 10.892 min Scan# 1497  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:284 Resp: 290233  
Ion Ratio Lower Upper  
284 100  
142 39.6 22.2 33.4#  
249 31.7 22.5 33.7





#69

Atrazine

Concen: 52.053 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

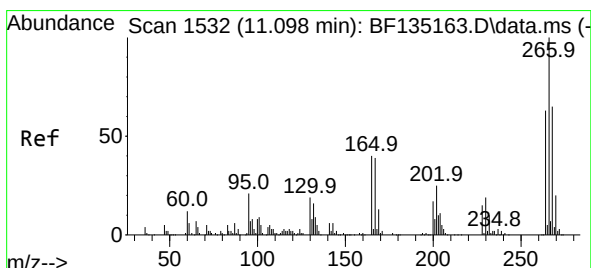
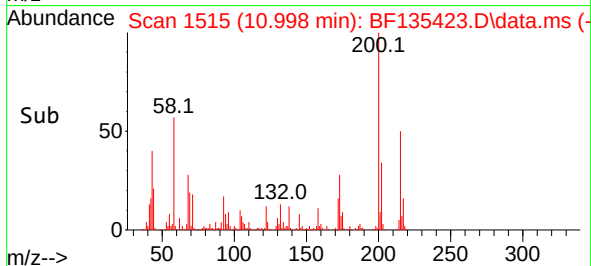
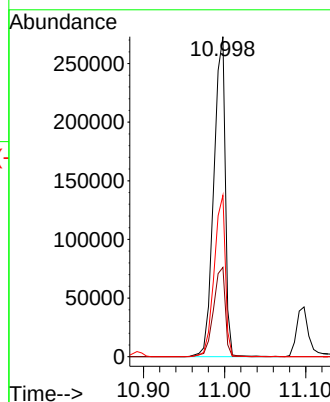
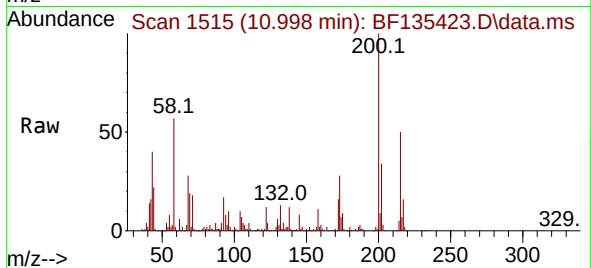
Tgt Ion:200 Resp: 26727  
 Ion Ratio Lower Upper  
 200 100  
 173 27.9 7.4 47.4  
 215 50.4 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#70

Pentachlorophenol

Concen: 71.442 ng

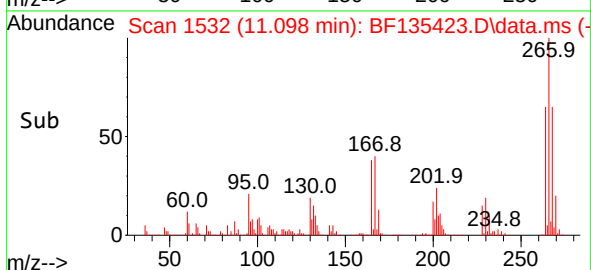
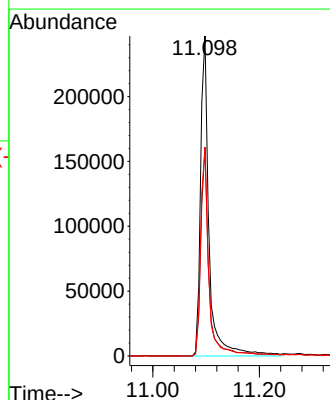
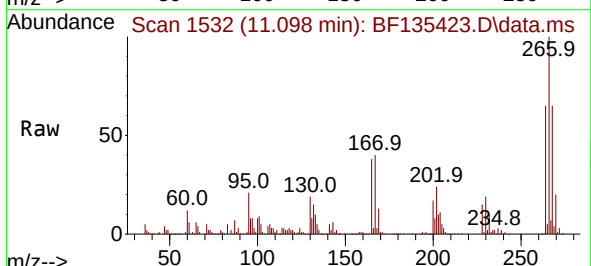
RT: 11.098 min Scan# 1532

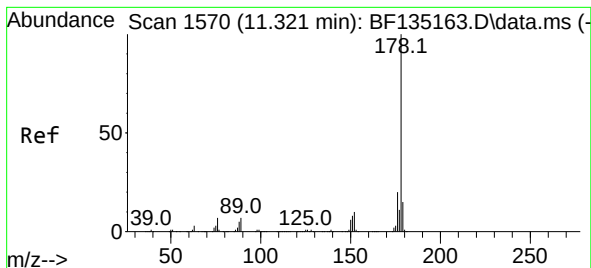
Delta R.T. 0.006 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

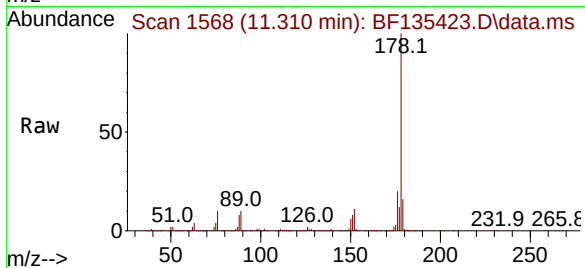
Tgt Ion:266 Resp: 272988  
 Ion Ratio Lower Upper  
 266 100  
 268 65.2 52.1 78.1  
 264 65.2 50.8 76.2





#71  
Phenanthrene  
Concen: 44.962 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

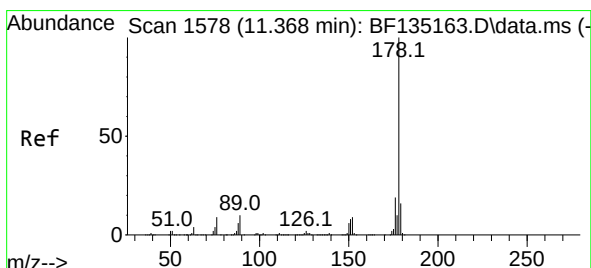
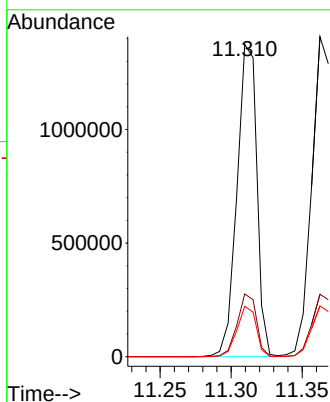
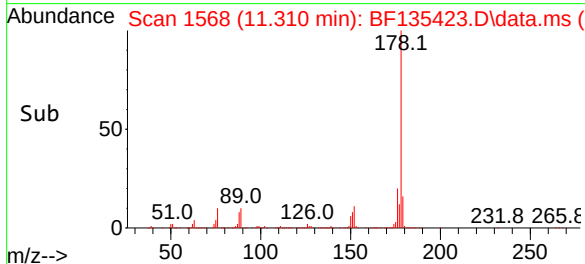
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



Tgt Ion:178 Resp: 134036  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.6 23.4  
179 16.1 12.0 18.0

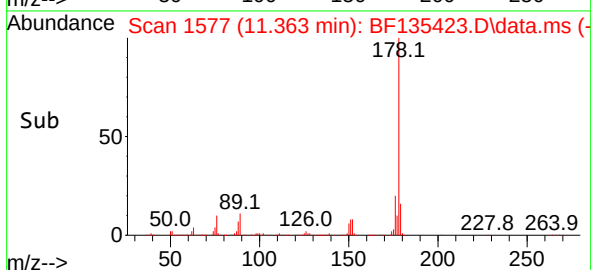
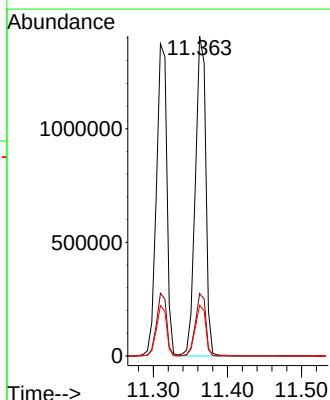
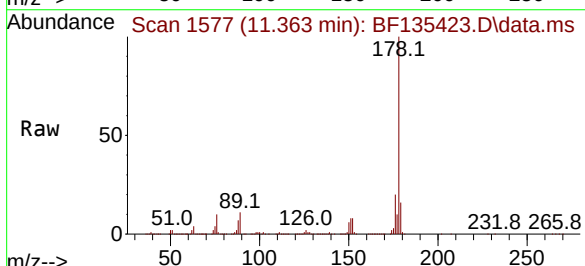
Manual Integrations  
APPROVED

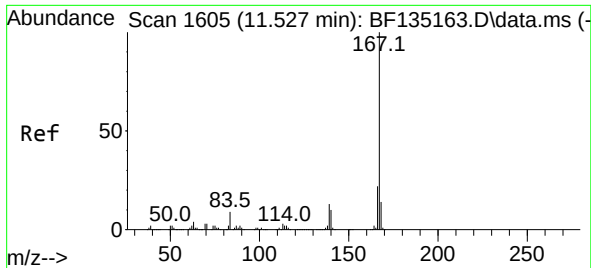
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#72  
Anthracene  
Concen: 44.941 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

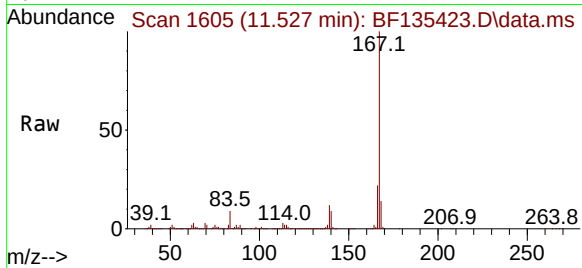
Tgt Ion:178 Resp: 1377121  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 15.9 12.6 19.0





#73  
 Carbazole  
 Concen: 48.693 ng  
 RT: 11.527 min Scan# 1605  
 Delta R.T. 0.006 min  
 Lab File: BF135423.D  
 Acq: 25 Sep 2023 13:11

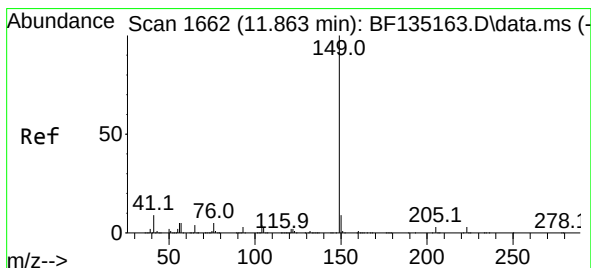
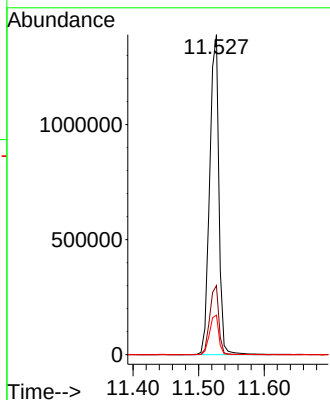
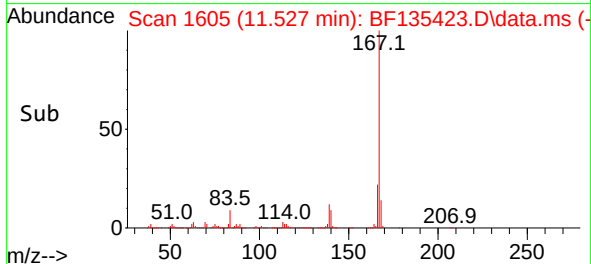
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155762BS



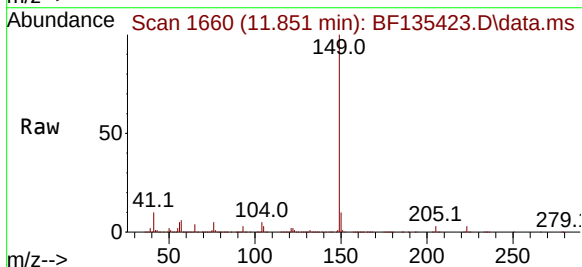
Tgt Ion:167 Resp: 1358289  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.0  
 139 12.4 10.6 15.8

Manual Integrations  
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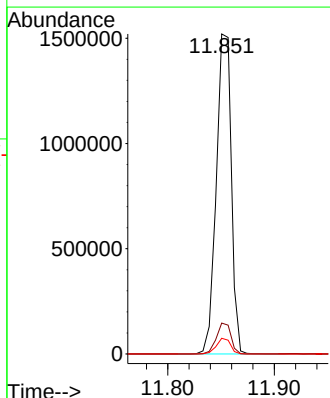
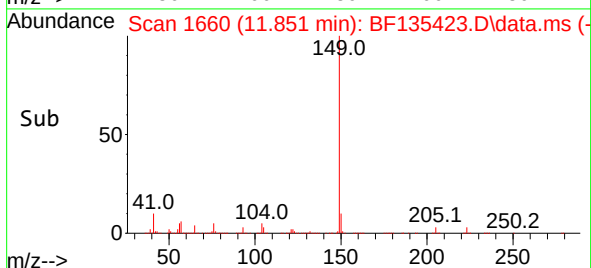
Reviewed By :Yogesh Patel 09/26/2023  
 Supervised By :Jagrut Upadhyay 09/26/2023



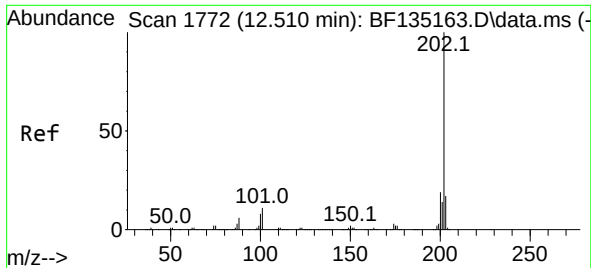
#74  
 Di-n-butylphthalate  
 Concen: 45.286 ng  
 RT: 11.851 min Scan# 1660  
 Delta R.T. -0.000 min  
 Lab File: BF135423.D  
 Acq: 25 Sep 2023 13:11



Tgt Ion:149 Resp: 1488538  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.4 11.0  
 104 4.9 3.6 5.4

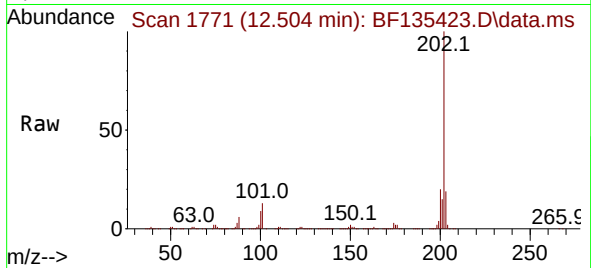






#75  
Fluoranthene  
Concen: 46.826 ng  
RT: 12.504 min Scan# 1771  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

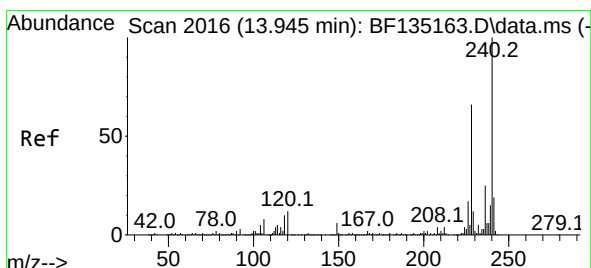
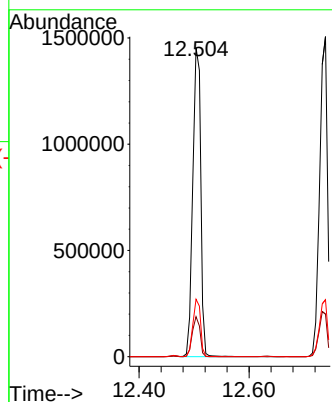
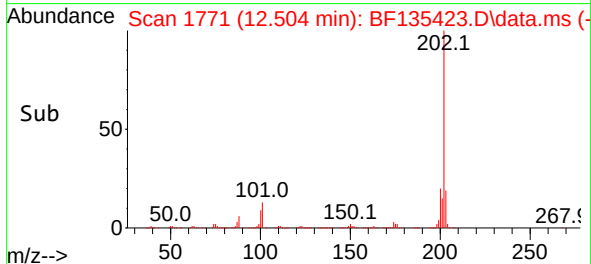
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



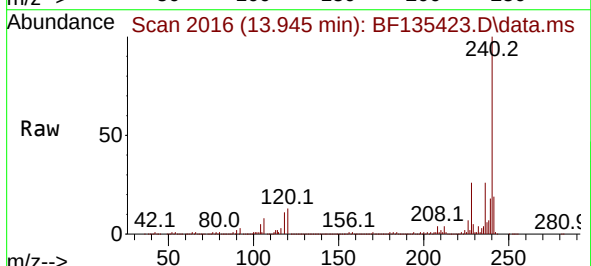
Tgt Ion:202 Resp: 145455  
Ion Ratio Lower Upper  
202 100  
101 13.0 0.0 31.3  
203 18.6 0.0 37.4

Manual Integrations  
APPROVED

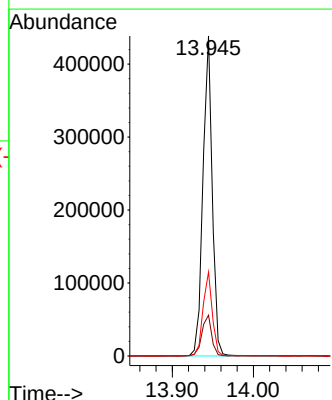
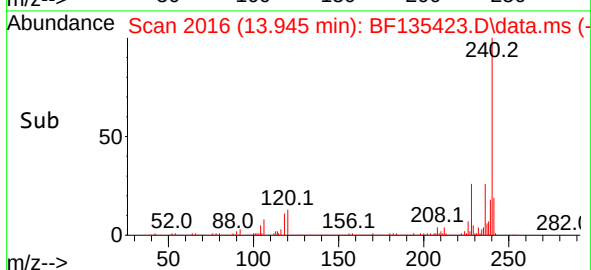
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

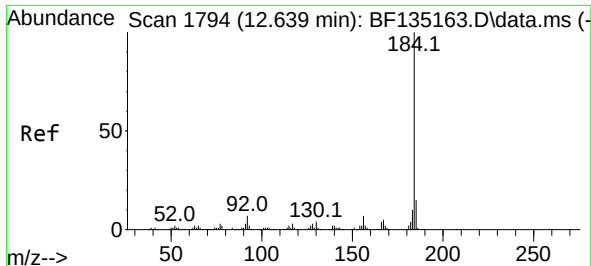


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



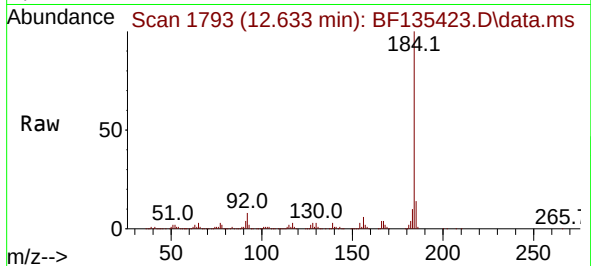
Tgt Ion:240 Resp: 349730  
Ion Ratio Lower Upper  
240 100  
120 12.8 9.4 14.2  
236 26.3 19.8 29.8





#77  
Benzidine  
Concen: 54.874 ng  
RT: 12.633 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

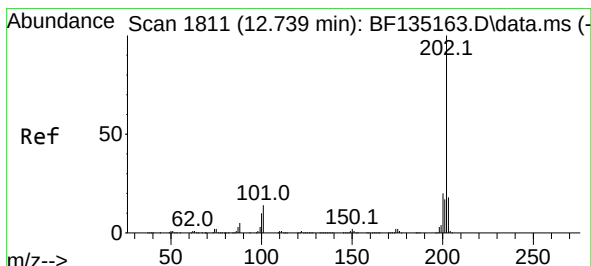
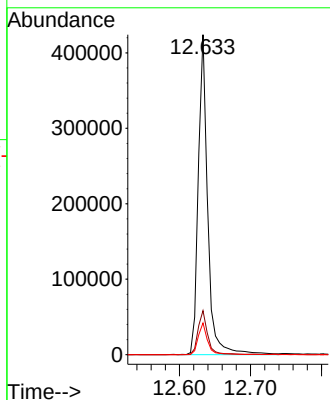
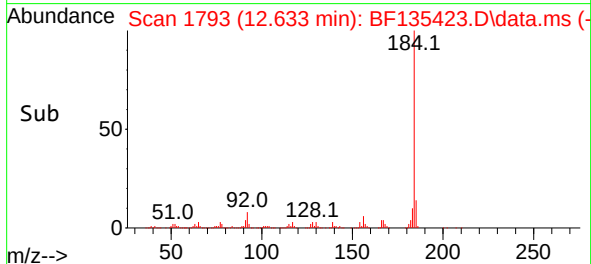
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



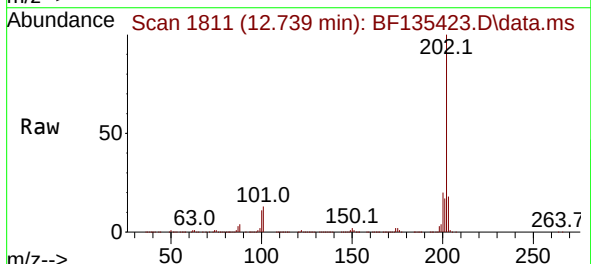
Tgt Ion:184 Resp: 393168  
Ion Ratio Lower Upper  
184 100  
185 13.7 11.7 17.5  
183 9.9 8.2 12.4

Manual Integrations  
APPROVED

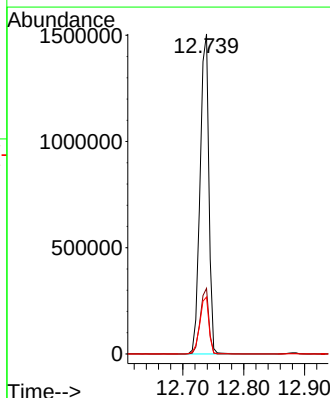
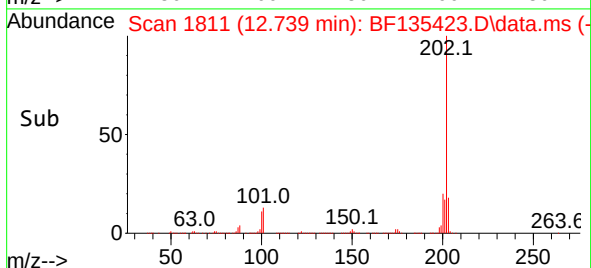
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

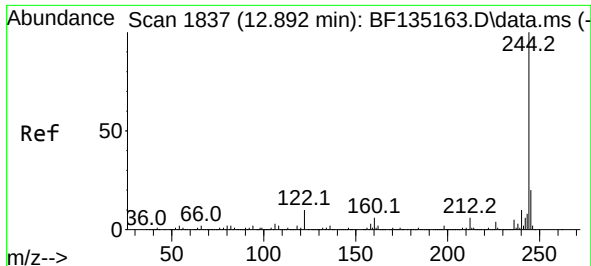


#78  
Pyrene  
Concen: 44.865 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



Tgt Ion:202 Resp: 1493864  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.2 24.2  
203 17.8 14.2 21.4





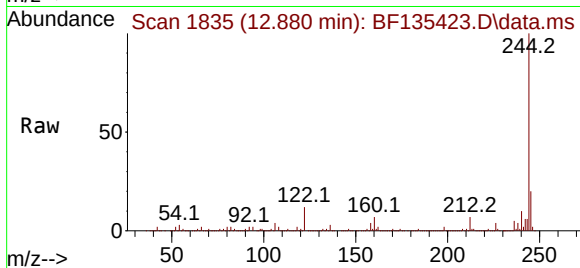
#79  
 Terphenyl-d14  
 Concen: 78.388 ng  
 RT: 12.880 min Scan# 1835  
 Delta R.T. -0.000 min  
 Lab File: BF135423.D  
 Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS



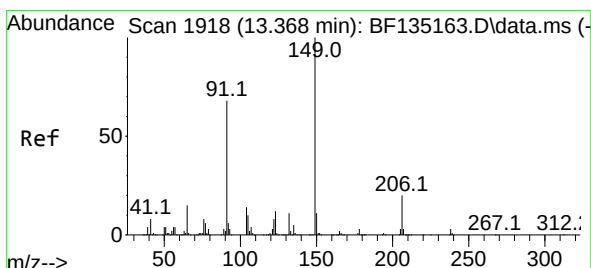
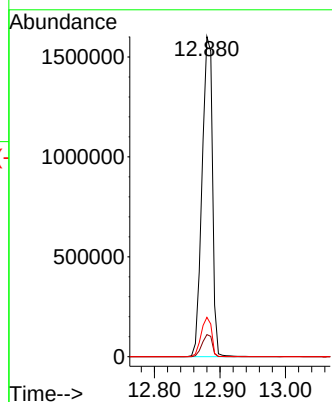
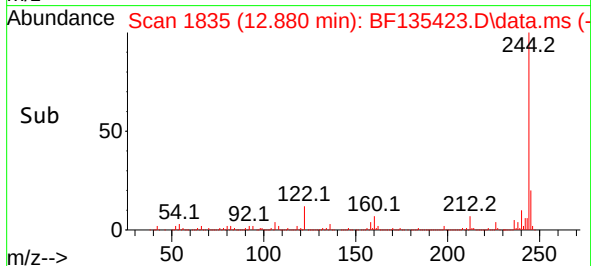
Tgt Ion:244 Resp: 1768469  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.1 7.7  
 122 12.3 7.9 11.9

Manual Integrations

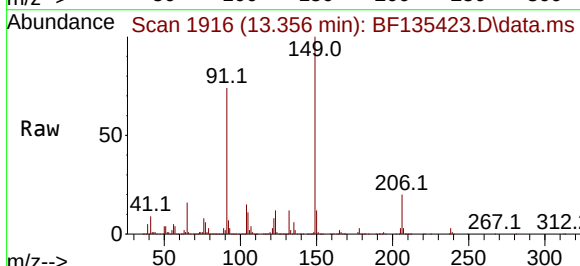
APPROVED

Reviewed By :Yogesh Patel 09/26/2023

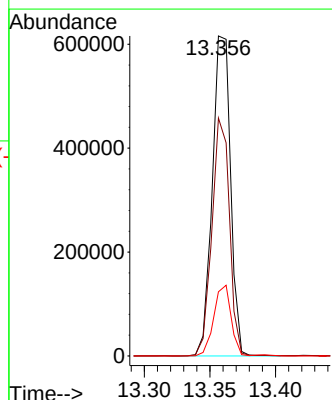
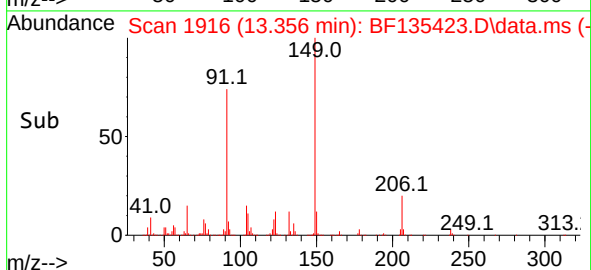
Supervised By :Jagrut Upadhyay 09/26/2023

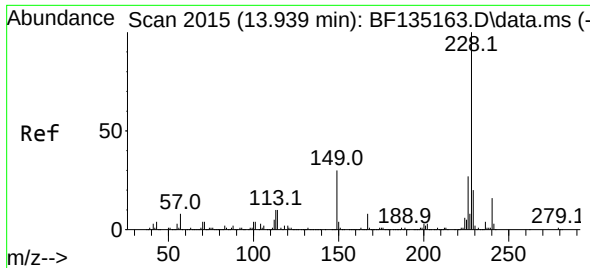


#80  
 Butylbenzylphthalate  
 Concen: 50.947 ng  
 RT: 13.356 min Scan# 1916  
 Delta R.T. -0.000 min  
 Lab File: BF135423.D  
 Acq: 25 Sep 2023 13:11



Tgt Ion:149 Resp: 597271  
 Ion Ratio Lower Upper  
 149 100  
 91 74.4 54.7 82.1  
 206 20.1 16.3 24.5





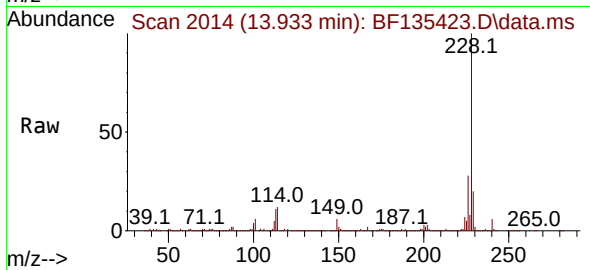
#81  
Benzo(a)anthracene  
Concen: 46.069 ng  
RT: 13.933 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS

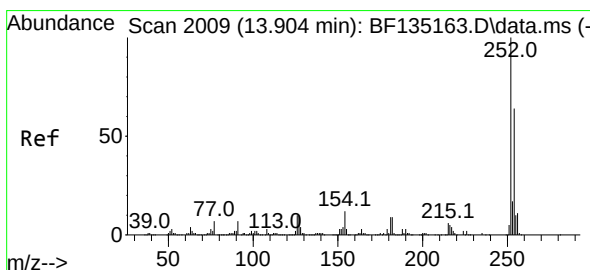
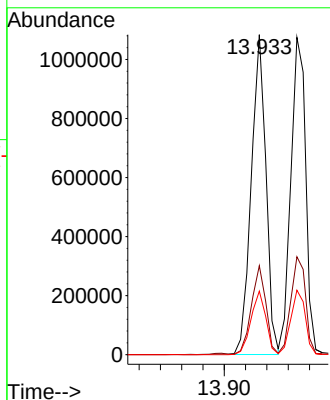
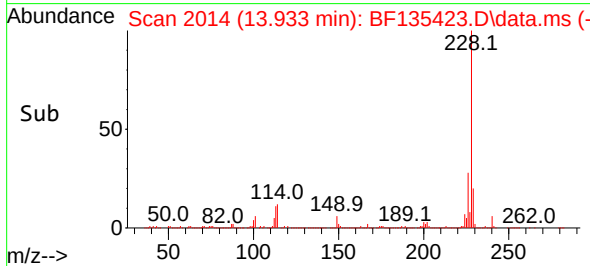


Tgt Ion:228 Resp: 1040379  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.7 32.5  
229 19.9 15.8 23.8

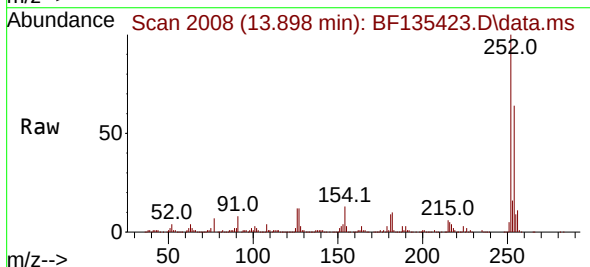
Manual Integrations

APPROVED

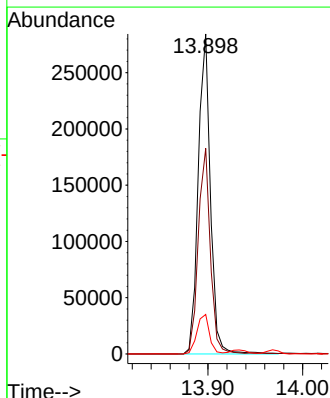
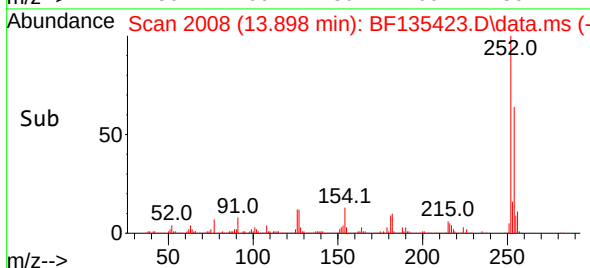
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

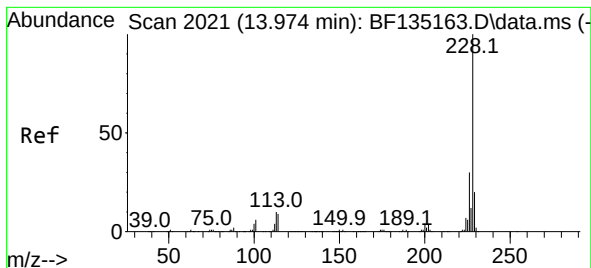


#82  
3,3'-Dichlorobenzidine  
Concen: 36.019 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11



Tgt Ion:252 Resp: 254077  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.0 76.4  
126 12.3 7.8 11.8#





#83

Chrysene

Concen: 46.559 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135423.D

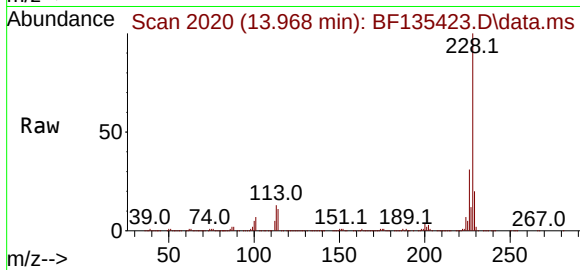
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

PB155762BS



Tgt Ion:228 Resp: 104537

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

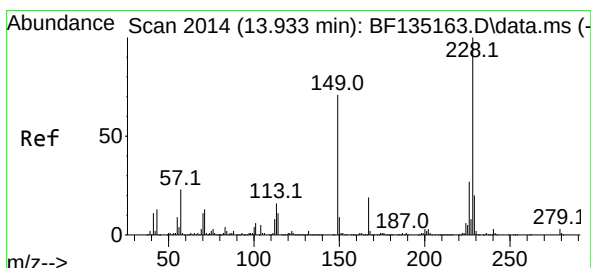
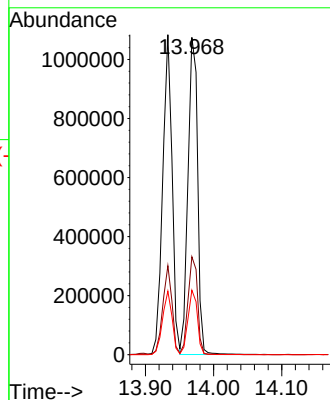
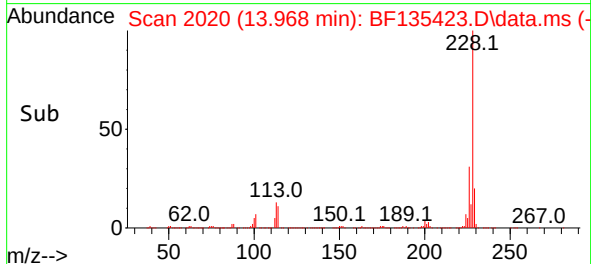
229 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.219 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135423.D

Acq: 25 Sep 2023 13:11

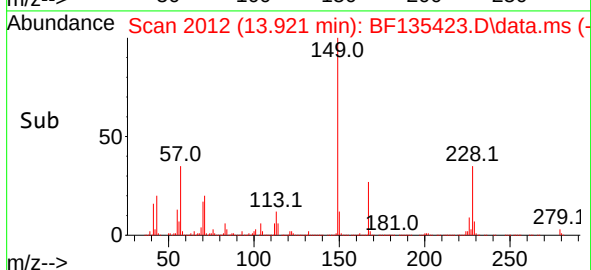
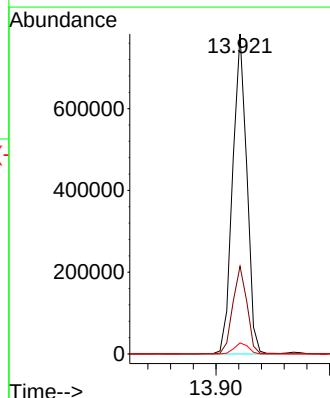
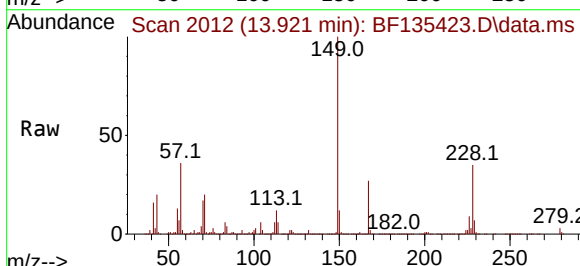
Tgt Ion:149 Resp: 676328

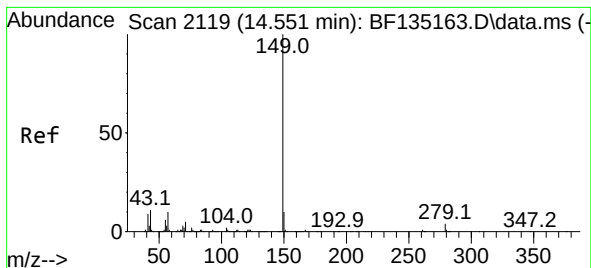
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

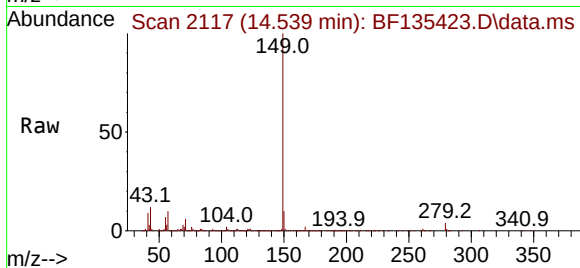
279 3.5 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 53.936 ng  
RT: 14.539 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

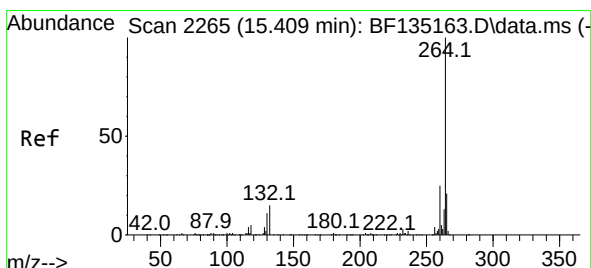
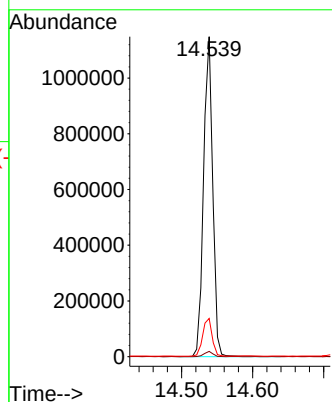
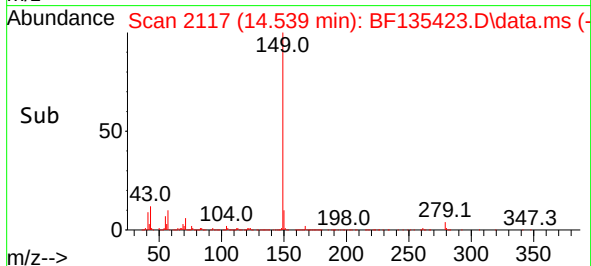
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



Tgt Ion:149 Resp: 1031160  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 12.3 9.8 14.6

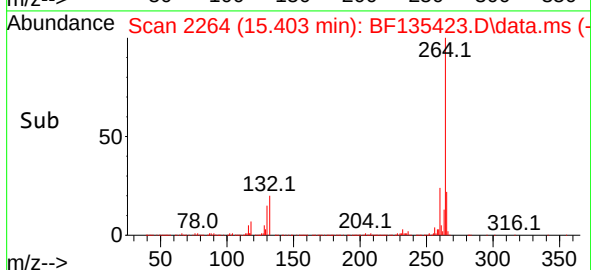
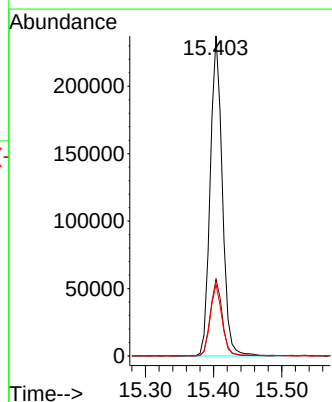
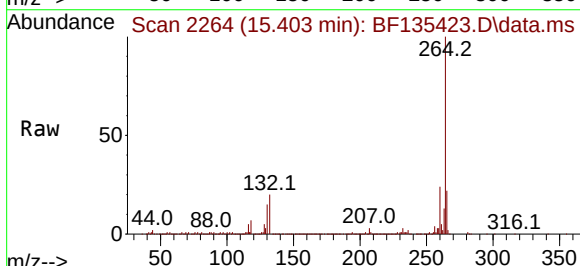
Manual Integrations  
APPROVED

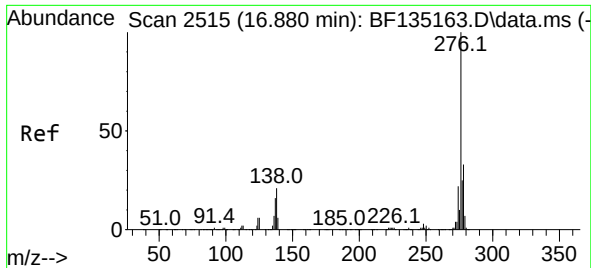
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.403 min Scan# 2264  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

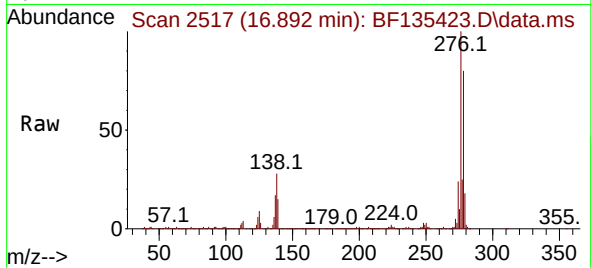
Tgt Ion:264 Resp: 292246  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.8 29.6  
265 22.3 17.0 25.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.565 ng  
RT: 16.892 min Scan# 2117  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

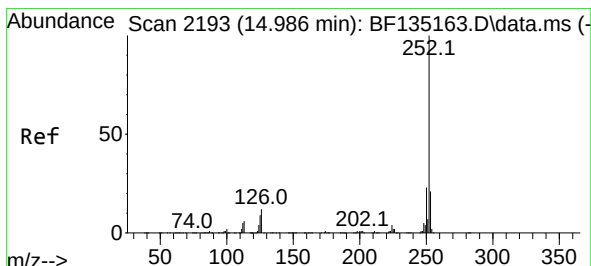
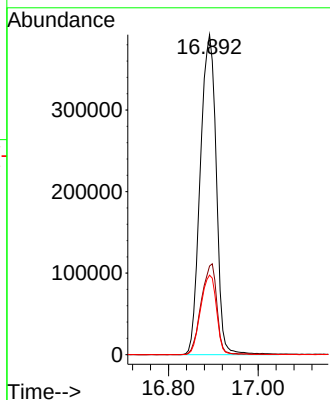
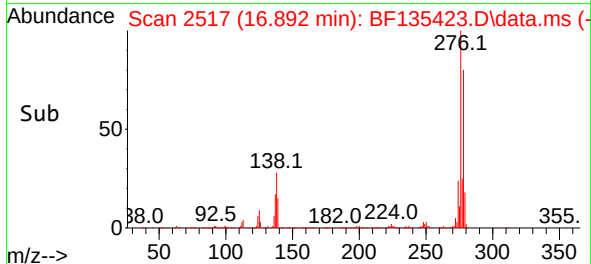
Instrument :  
BNA\_F  
ClientSampleId :  
PB155762BS



Tgt Ion:276 Resp: 968914  
Ion Ratio Lower Upper  
276 100  
138 27.7 19.2 28.8  
277 24.7 19.7 29.5

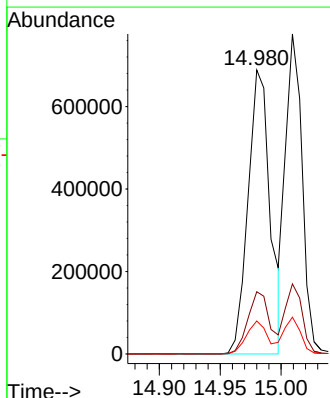
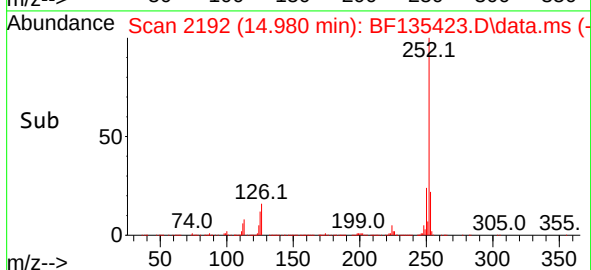
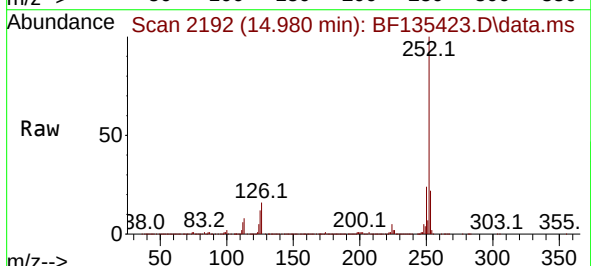
Manual Integrations  
APPROVED

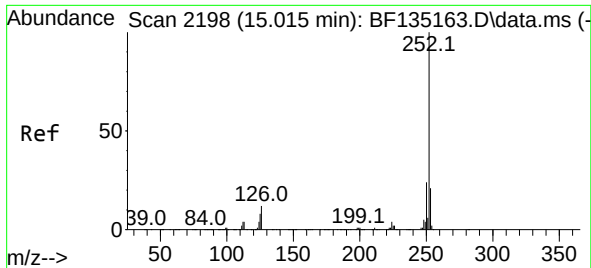
Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#88  
Benzo(b)fluoranthene  
Concen: 55.001 ng  
RT: 14.980 min Scan# 2192  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:252 Resp: 870140  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 11.6 7.1 10.7#





#89  
Benzo(k)fluoranthene  
Concen: 47.748 ng  
RT: 15.009 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

ClientSampleId :

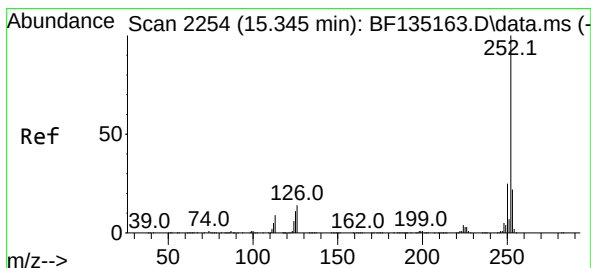
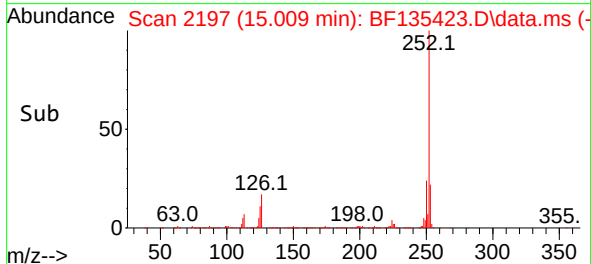
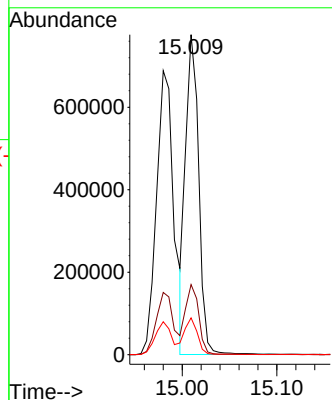
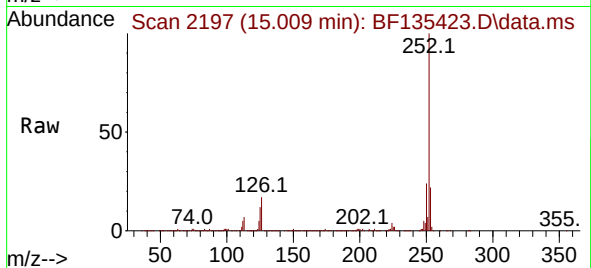
PB155762BS

Tgt Ion:252 Resp: 74618  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 11.5 7.2 10.8

Manual Integrations

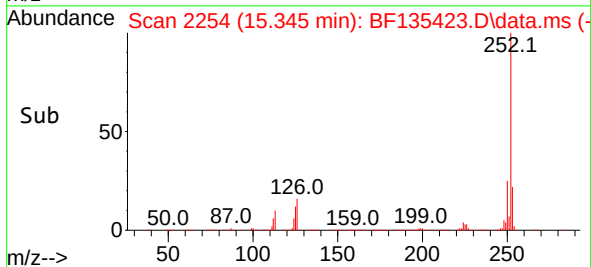
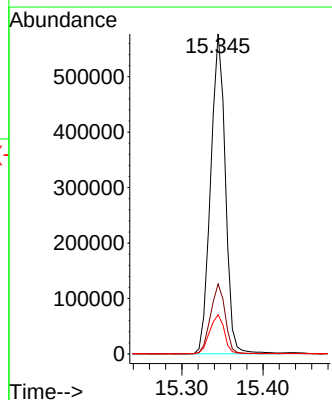
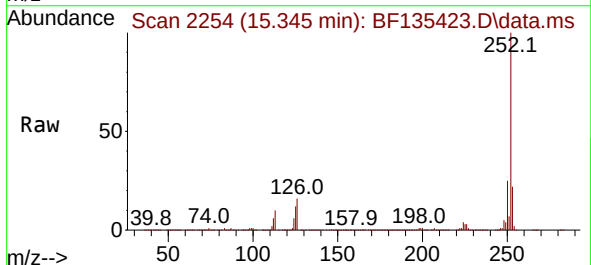
APPROVED

Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023

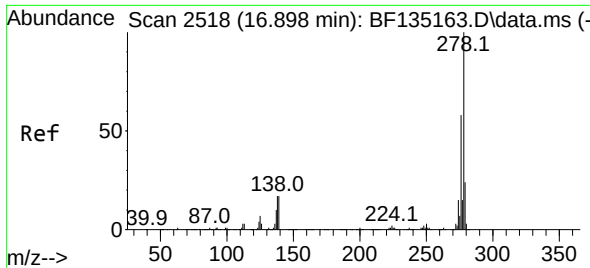


#90  
Benzo(a)pyrene  
Concen: 48.011 ng  
RT: 15.345 min Scan# 2254  
Delta R.T. -0.000 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:252 Resp: 724339  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 12.2 9.2 13.8







#91  
Dibenzo(a,h)anthracene  
Concen: 49.475 ng  
RT: 16.903 min Scan# 2518  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Instrument :

BNA\_F

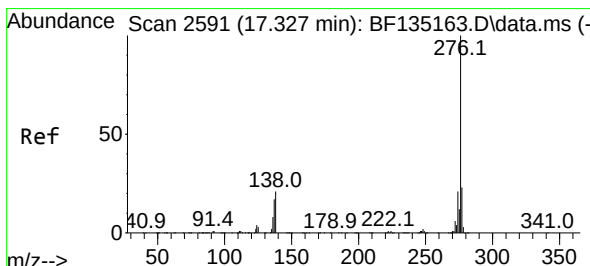
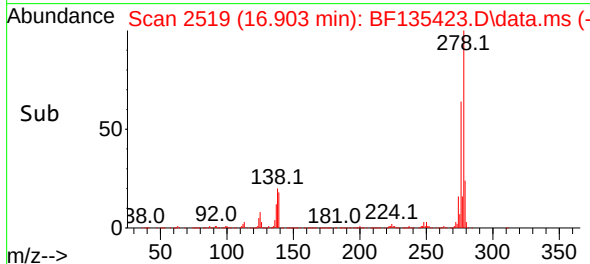
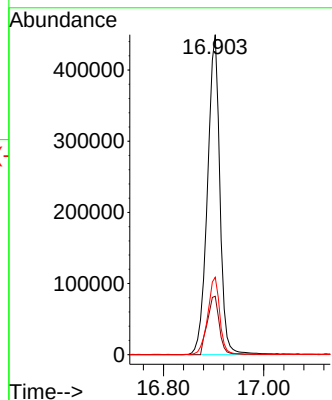
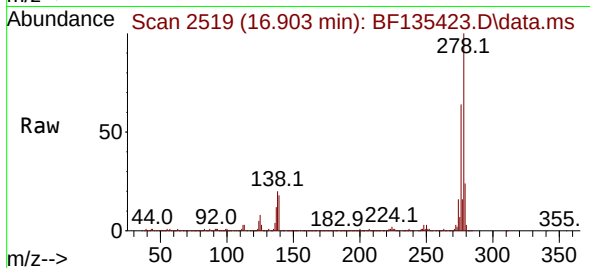
ClientSampleId :

PB155762BS

Tgt Ion:278 Resp: 775684  
Ion Ratio Lower Upper  
278 100  
139 18.2 13.4 20.0  
279 24.2 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :Jagrut Upadhyay 09/26/2023



#92  
Benzo(g,h,i)perylene  
Concen: 51.927 ng  
RT: 17.339 min Scan# 2593  
Delta R.T. 0.006 min  
Lab File: BF135423.D  
Acq: 25 Sep 2023 13:11

Tgt Ion:276 Resp: 850247  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.8 28.2  
138 23.9 16.9 25.3

