

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092723\  
 Data File : BF135482.D  
 Acq On : 27 Sep 2023 20:07  
 Operator : CG\JU  
 Sample : 04601-01MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MS

Quant Time: Sep 28 01:52:27 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

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :Jagrut Upadhyay 09/28/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.751  | 152  | 160818   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.034  | 136  | 605280   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.792  | 164  | 286076   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.286 | 188  | 472764   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.945 | 240  | 242583   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.410 | 264  | 324121   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.399  | 112  | 1092684  | 110.510 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.410  | 99   | 1354959  | 107.769 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.322  | 82   | 854321   | 76.683  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.592 | 330  | 255921   | 90.021  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.116  | 172  | 1353637  | 71.389  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.880 | 244  | 1011568  | 64.643  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.546  | 88   | 220748   | 50.927  | ng    | 92       |
| 3) Pyridine                   | 3.293  | 79   | 545783   | 46.784  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.263  | 42   | 314137   | 50.744  | ng    | 91       |
| 6) Aniline                    | 6.422  | 93   | 519942   | 31.536  | ng    | # 32     |
| 8) 2-Chlorophenol             | 6.546  | 128  | 526748   | 49.904  | ng    | 97       |
| 9) Benzaldehyde               | 6.310  | 77   | 125254   | 17.488  | ng    | 99       |
| 10) Phenol                    | 6.422  | 94   | 614755   | 44.591  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.498  | 93   | 528138   | 51.070  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.693  | 146  | 521577   | 48.622  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.775  | 146  | 528719   | 48.445  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.922  | 146  | 494469   | 48.787  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.904  | 79   | 416232   | 46.135  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.034  | 45   | 954477   | 48.966  | ng    | 88       |
| 17) 2-Methylphenol            | 7.022  | 107  | 417931   | 44.869  | ng    | 96       |
| 18) Hexachloroethane          | 7.257  | 117  | 200030   | 49.604  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 7.175  | 70   | 326671   | 41.948  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.175  | 107  | 473866   | 42.308  | ng    | # 86     |
| 22) Acetophenone              | 7.169  | 105  | 658244   | 47.567  | ng    | 95       |
| 24) Nitrobenzene              | 7.340  | 77   | 551478   | 50.081  | ng    | 98       |
| 25) Isophorone                | 7.581  | 82   | 1008095  | 49.277  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.657  | 139  | 274874   | 52.010  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.698  | 122  | 404369   | 45.519  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.793  | 93   | 628263   | 51.310  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 399479   | 48.530  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.975  | 180  | 427163   | 49.648  | ng    | 99       |
| 31) Naphthalene               | 8.057  | 128  | 1423315  | 48.398  | ng    | 99       |
| 32) Benzoic acid              | 7.845  | 122  | 276159   | 41.284  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.110  | 127  | 303673   | 23.535  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.169  | 225  | 239702   | 46.204  | ng    | 100      |
| 35) Caprolactam               | 8.492  | 113  | 129511m  | 46.879  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 437153   | 47.783  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.751  | 142  | 871673   | 44.094  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.851  | 142  | 840411   | 45.408  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.916  | 216  | 405771   | 48.960  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.898  | 237  | 208267   | 59.150  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.034  | 196  | 260556   | 48.016  | ng    | 99       |

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 Sample : 04601-01MS  
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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 TP-1MS

Quant Time: Sep 28 01:52:27 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

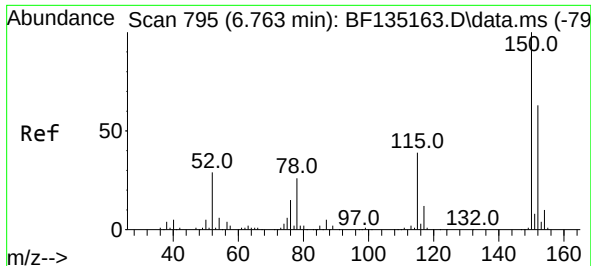
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :Jagrut Upadhyay 09/28/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.081  | 196  | 277771   | 44.450 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.216  | 154  | 1069698  | 48.657 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.239  | 162  | 802184   | 50.290 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.345  | 65   | 304569   | 49.148 | ng    | 97       |
| 49) Acenaphthylene            | 9.657  | 152  | 1279312  | 48.259 | ng    | 99       |
| 50) Dimethylphthalate         | 9.522  | 163  | 926714   | 47.913 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.592  | 165  | 206609   | 48.762 | ng    | # 81     |
| 52) Acenaphthene              | 9.828  | 154  | 751122   | 47.963 | ng    | 96       |
| 53) 3-Nitroaniline            | 9.757  | 138  | 166198   | 33.416 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.881  | 184  | 152431   | 64.669 | ng    | 91       |
| 55) Dibenzofuran              | 10.004 | 168  | 1046835  | 43.805 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 234416   | 74.158 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 223664   | 42.165 | ng    | # 80     |
| 58) Fluorene                  | 10.345 | 166  | 824505   | 44.880 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.128 | 232  | 207214   | 43.106 | ng    | 99       |
| 60) Diethylphthalate          | 10.222 | 149  | 903584   | 46.550 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.339 | 204  | 388675   | 44.042 | ng    | 92       |
| 62) 4-Nitroaniline            | 10.381 | 138  | 198813   | 41.585 | ng    | 97       |
| 63) Azobenzene                | 10.498 | 77   | 926785   | 48.785 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.410 | 198  | 114243   | 45.497 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.463 | 169  | 757352   | 52.914 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.828 | 248  | 239001   | 50.830 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.898 | 284  | 248879   | 51.955 | ng    | 98       |
| 69) Atrazine                  | 10.992 | 200  | 222084   | 57.667 | ng    | 97       |
| 70) Pentachlorophenol         | 11.098 | 266  | 195307   | 68.146 | ng    | 97       |
| 71) Phenanthrene              | 11.310 | 178  | 1138045  | 50.897 | ng    | 99       |
| 72) Anthracene                | 11.363 | 178  | 1142420  | 49.706 | ng    | 100      |
| 73) Carbazole                 | 11.528 | 167  | 1021762  | 48.836 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.857 | 149  | 1304947  | 52.931 | ng    | 99       |
| 75) Fluoranthene              | 12.510 | 202  | 1056122  | 45.330 | ng    | 99       |
| 77) Benzidine                 | 12.633 | 184  | 407985   | 82.094 | ng    | 100      |
| 78) Pyrene                    | 12.739 | 202  | 1051976  | 45.548 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.363 | 149  | 413440   | 50.843 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 806996   | 51.518 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.898 | 252  | 221430   | 45.256 | ng    | # 98     |
| 83) Chrysene                  | 13.974 | 228  | 788139   | 50.607 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.922 | 149  | 510626   | 61.193 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.539 | 149  | 957506   | 72.205 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.904 | 276  | 913109   | 42.967 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 14.986 | 252  | 937274   | 53.419 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.016 | 252  | 775048   | 44.717 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 15.357 | 252  | 813931   | 48.644 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.915 | 278  | 745955   | 42.900 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 704250   | 38.781 | ng    | 97       |

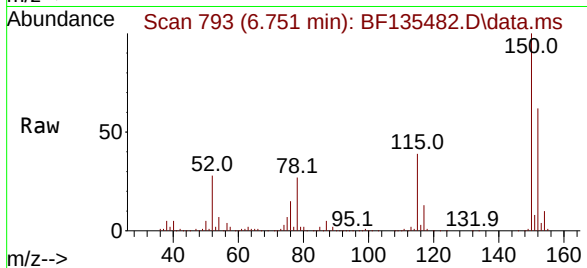
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.751 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

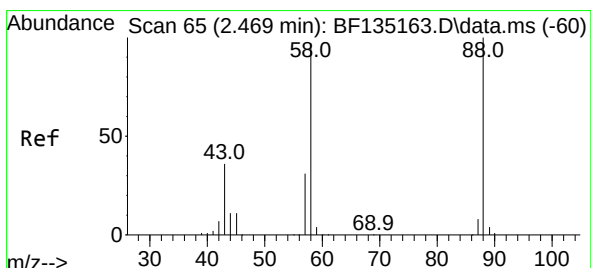
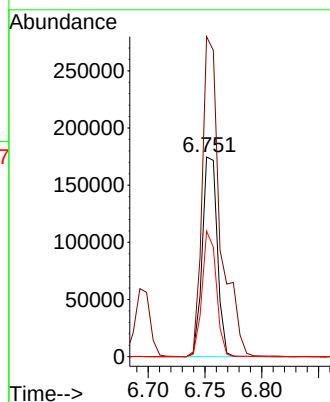
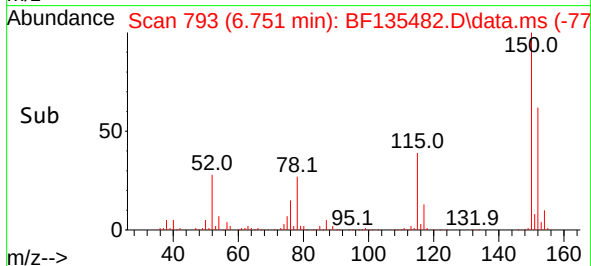
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:152 Resp: 160818  
Ion Ratio Lower Upper  
152 100  
150 160.2 127.8 191.6  
115 62.9 49.8 74.8

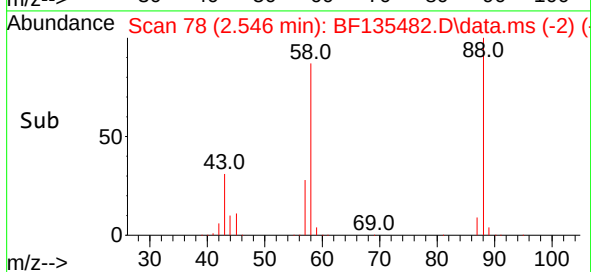
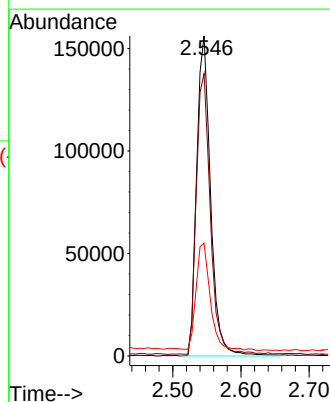
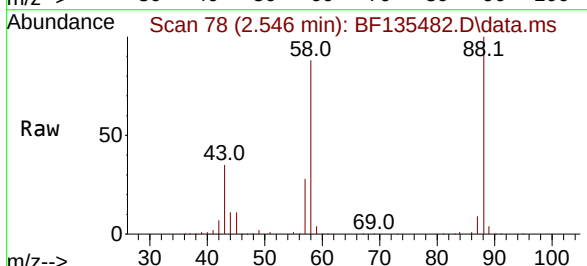
Manual Integrations  
APPROVED

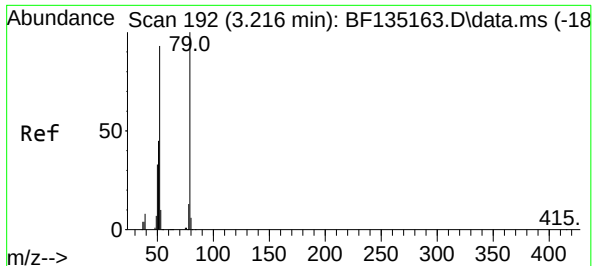
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#2  
1,4-Dioxane  
Concen: 50.927 ng  
RT: 2.546 min Scan# 78  
Delta R.T. 0.094 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

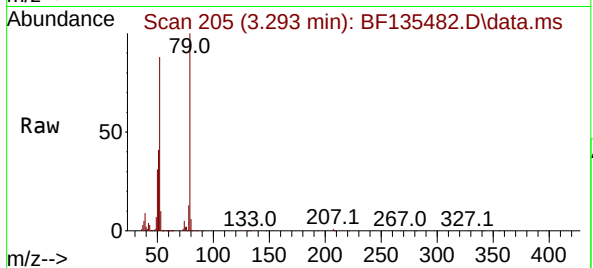
Tgt Ion: 88 Resp: 220748  
Ion Ratio Lower Upper  
88 100  
58 88.0 78.3 117.5  
43 34.2 29.4 44.0





#3  
 Pyridine  
 Concen: 46.784 ng  
 RT: 3.293 min Scan# 205  
 Delta R.T. 0.094 min  
 Lab File: BF135482.D  
 Acq: 27 Sep 2023 20:07

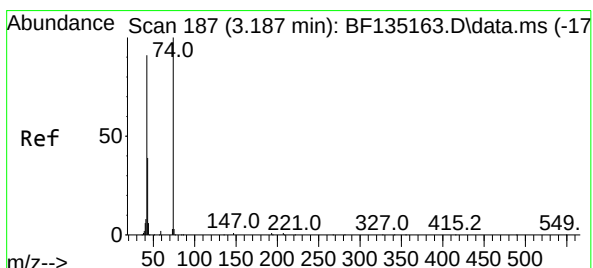
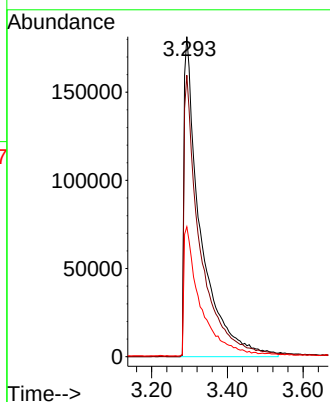
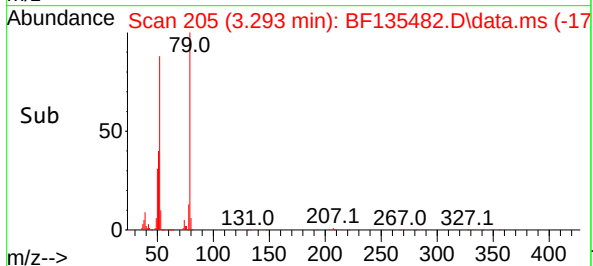
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MS



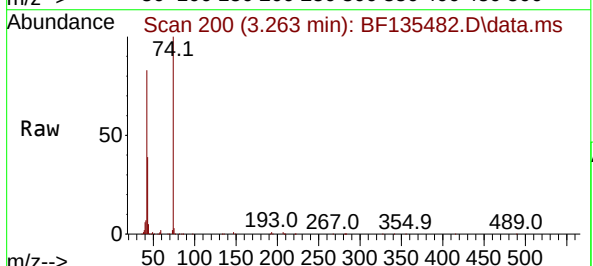
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 Ion Ratio Lower Upper  
 79 100  
 52 88.0 74.1 111.1  
 51 40.6 35.8 53.8

Manual Integrations  
 APPROVED

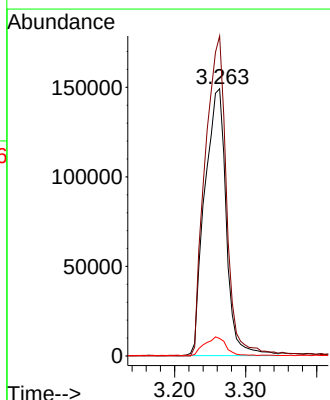
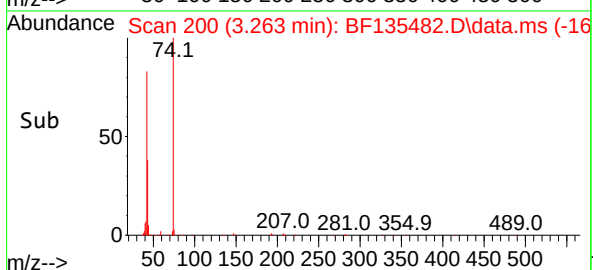
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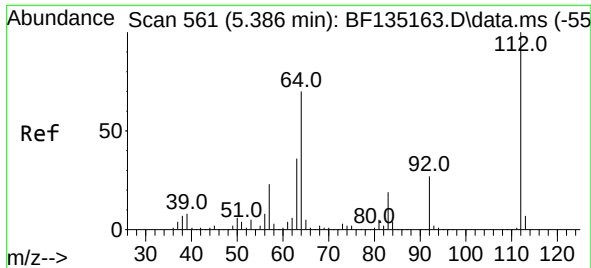


#4  
 n-Nitrosodimethylamine  
 Concen: 50.744 ng  
 RT: 3.263 min Scan# 200  
 Delta R.T. 0.094 min  
 Lab File: BF135482.D  
 Acq: 27 Sep 2023 20:07



Tgt Ion: 42 Resp: 314137  
 Ion Ratio Lower Upper  
 42 100  
 74 119.8 87.7 131.5  
 44 6.5 5.6 8.4





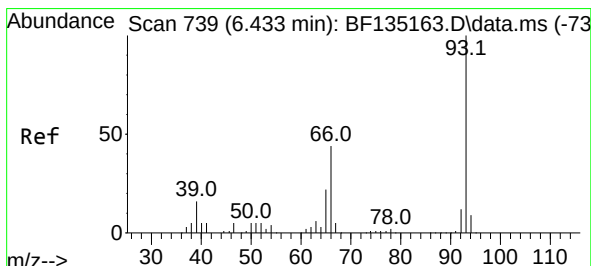
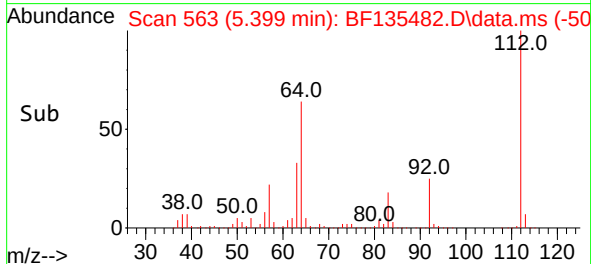
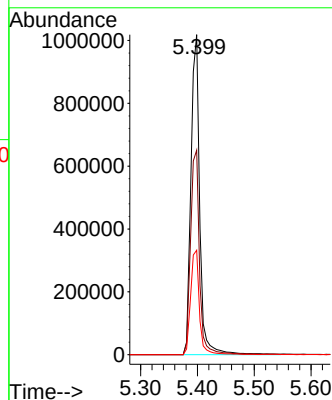
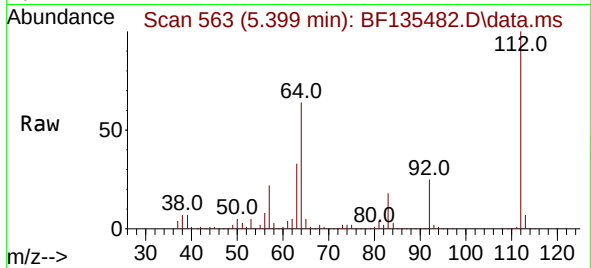
#5  
2-Fluorophenol  
Concen: 110.510 ng  
RT: 5.399 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS

Tgt Ion:112 Resp: 1092684  
Ion Ratio Lower Upper  
112 100  
64 63.9 55.9 83.9  
63 32.6 29.0 43.6

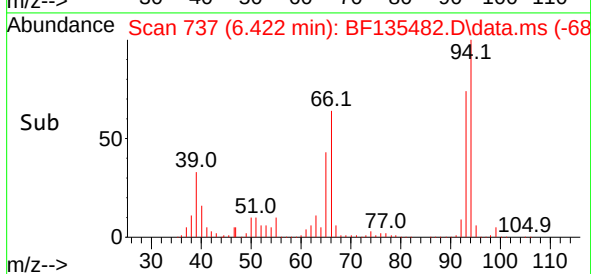
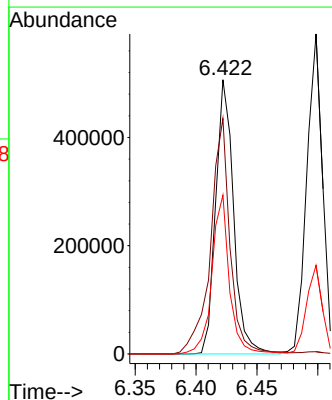
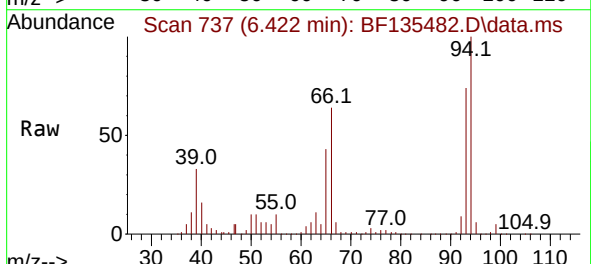
Manual Integrations  
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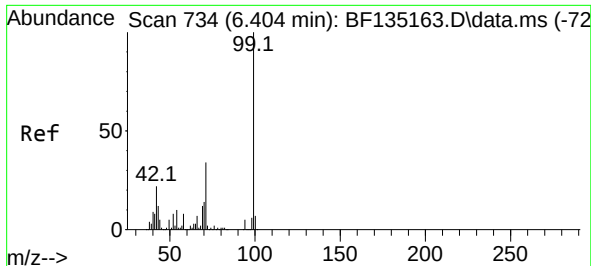
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#6  
Aniline  
Concen: 31.536 ng  
RT: 6.422 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion: 93 Resp: 519942  
Ion Ratio Lower Upper  
93 100  
66 85.8 35.4 53.0#  
65 57.9 17.8 26.8#





#7

Phenol-d6

Concen: 107.769 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion: 99 Resp: 135495

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

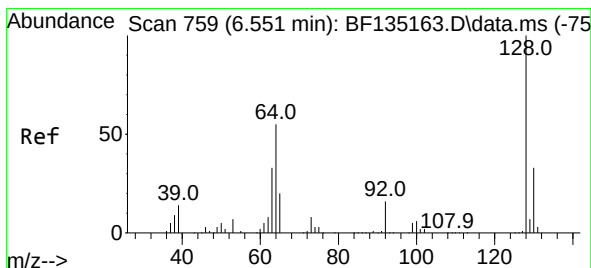
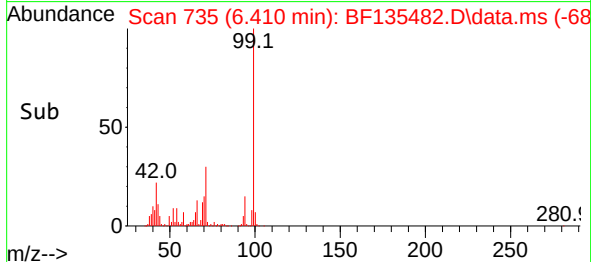
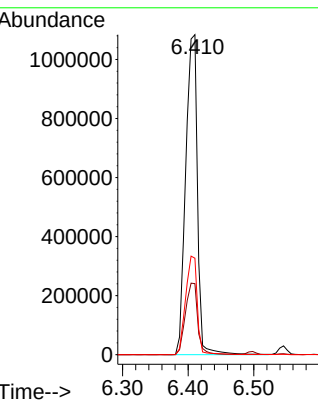
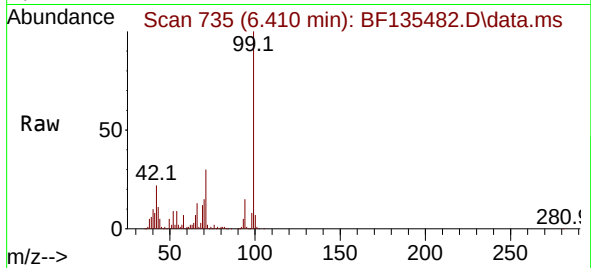
71 30.2 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#8

2-Chlorophenol

Concen: 49.904 ng

RT: 6.546 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

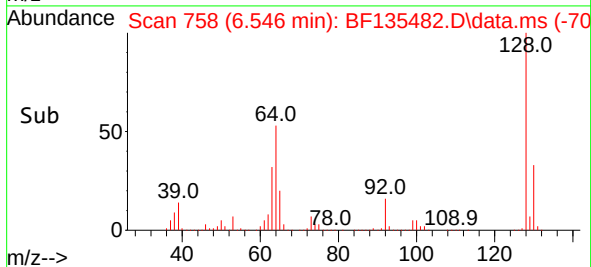
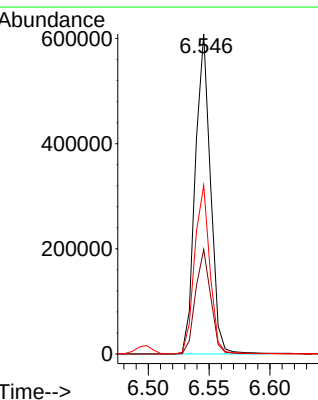
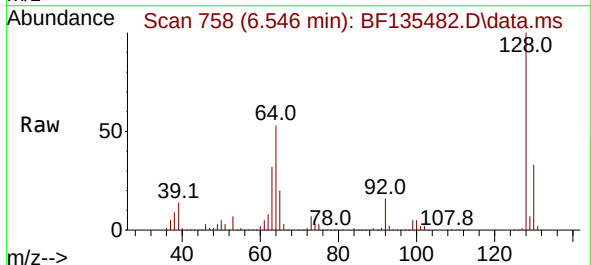
Tgt Ion:128 Resp: 526748

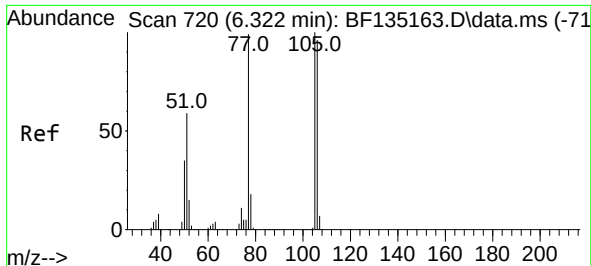
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

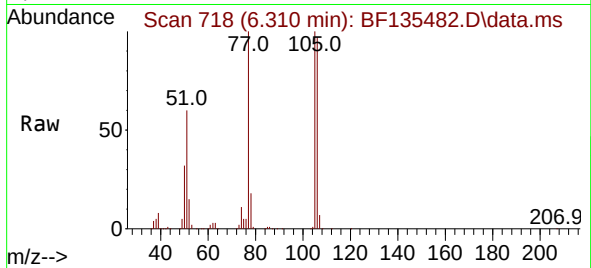
64 52.7 35.9 75.9





#9  
Benzaldehyde  
Concen: 17.488 ng  
RT: 6.310 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

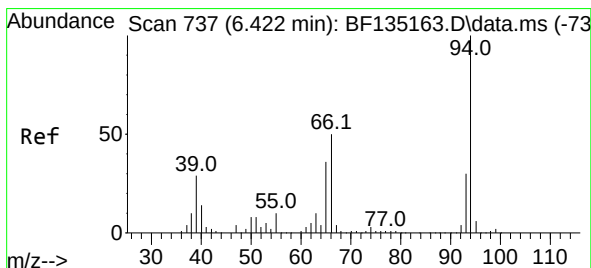
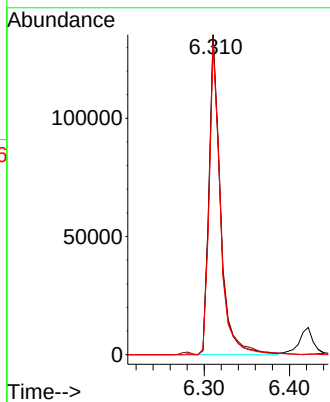
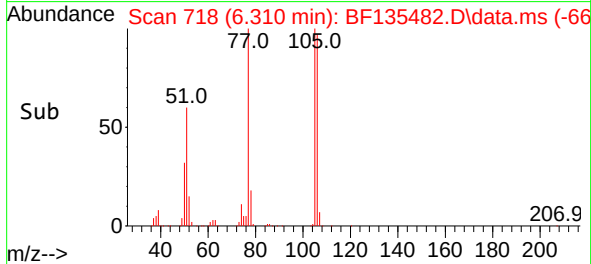
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion: 77 Resp: 125254  
Ion Ratio Lower Upper  
77 100  
105 99.8 81.4 121.4  
106 96.6 76.9 116.9

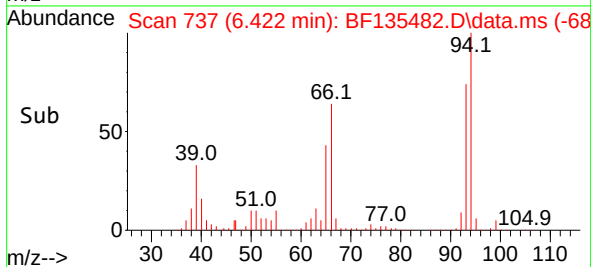
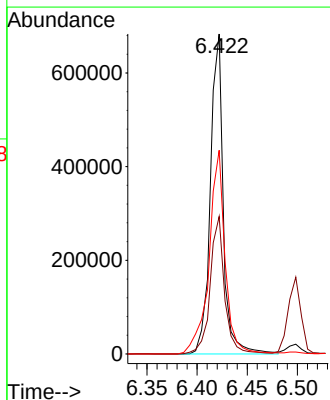
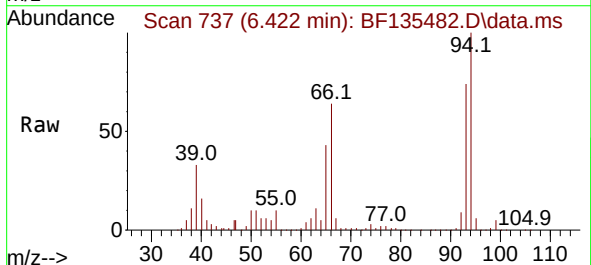
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

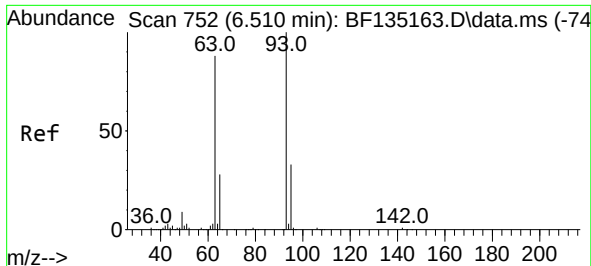


#10  
Phenol  
Concen: 44.591 ng  
RT: 6.422 min Scan# 737  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion: 94 Resp: 614755  
Ion Ratio Lower Upper  
94 100  
65 42.9 15.9 55.9  
66 63.7 29.8 69.8

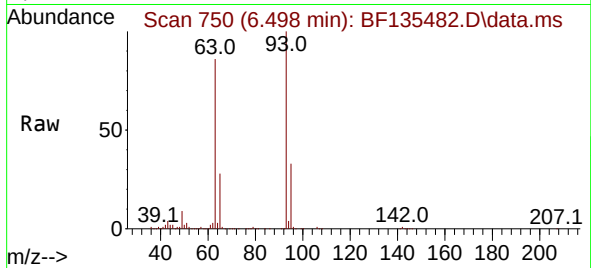






#11  
bis(2-Chloroethyl)ether  
Concen: 51.070 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

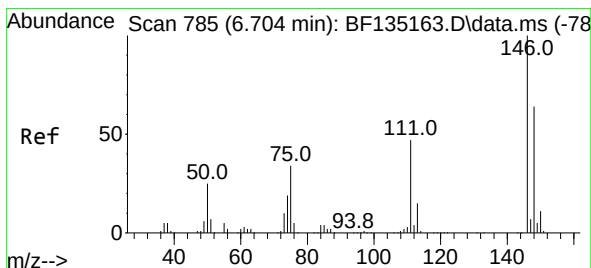
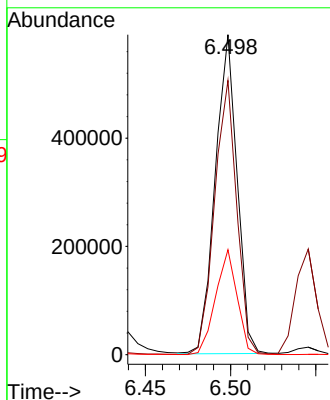
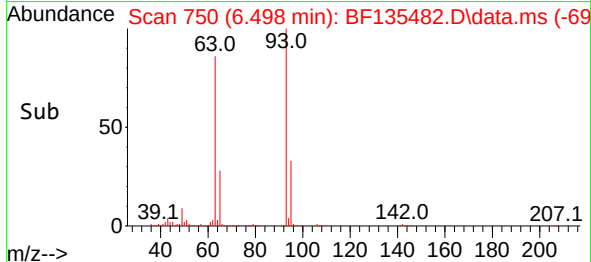
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion: 93 Resp: 528138  
Ion Ratio Lower Upper  
93 100  
63 85.7 67.3 107.3  
95 32.8 12.7 52.7

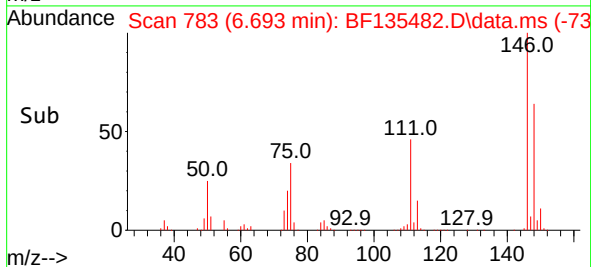
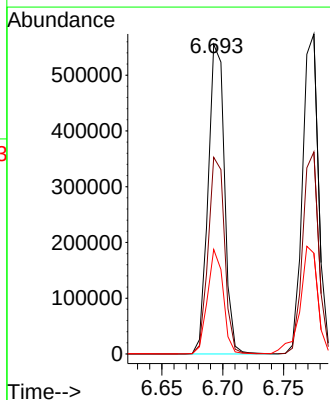
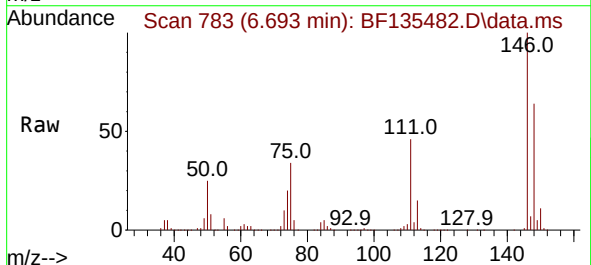
Manual Integrations  
APPROVED

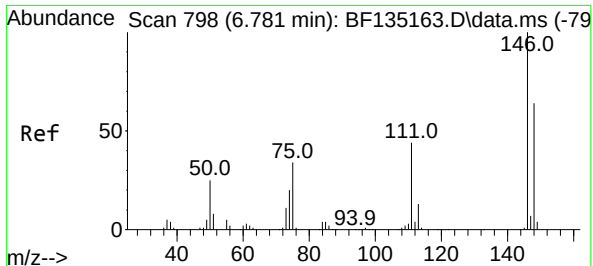
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#12  
1,3-Dichlorobenzene  
Concen: 48.622 ng  
RT: 6.693 min Scan# 783  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

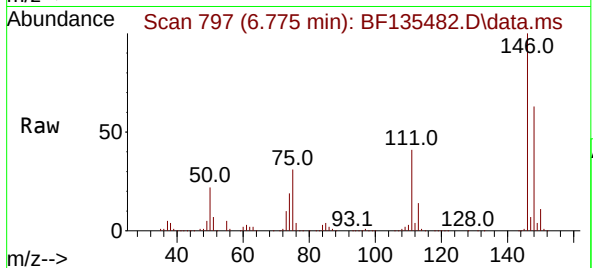
Tgt Ion:146 Resp: 521577  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.3 76.9  
75 33.7 27.4 41.2





#13  
1,4-Dichlorobenzene  
Concen: 48.445 ng  
RT: 6.775 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

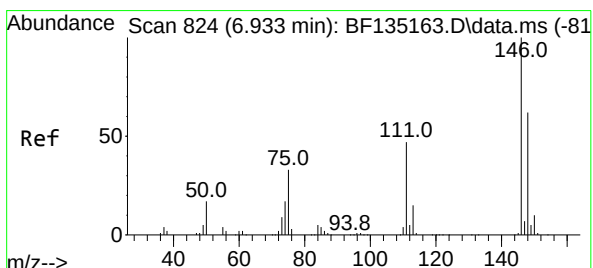
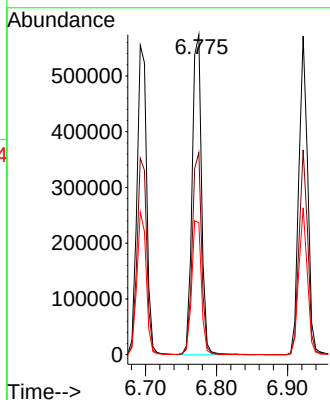
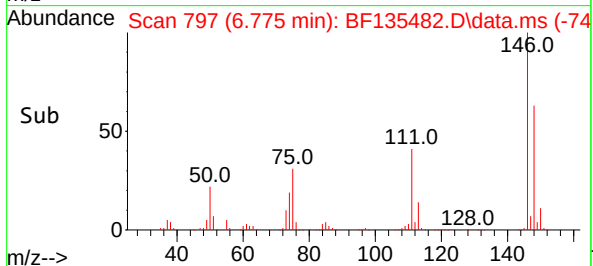
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



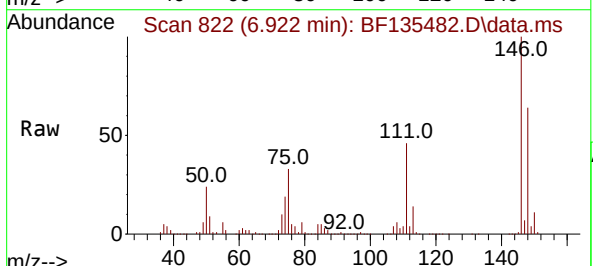
Tgt Ion:146 Resp: 528719  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.3 76.9  
111 41.3 35.1 52.7

Manual Integrations  
APPROVED

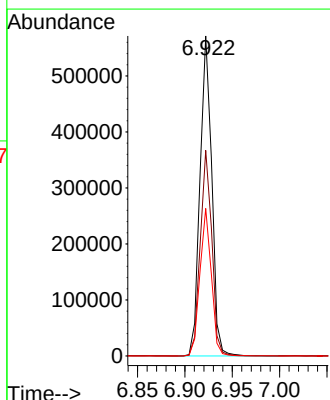
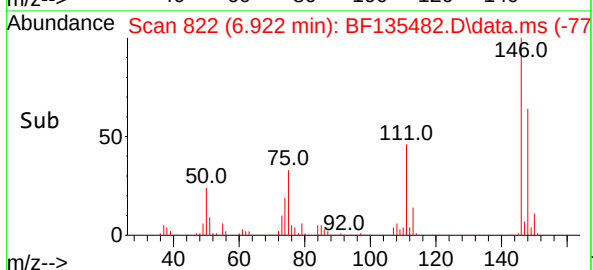
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

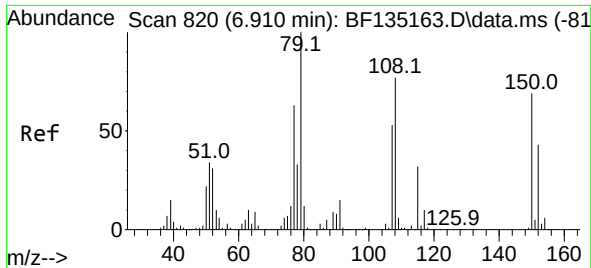


#14  
1,2-Dichlorobenzene  
Concen: 48.787 ng  
RT: 6.922 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07



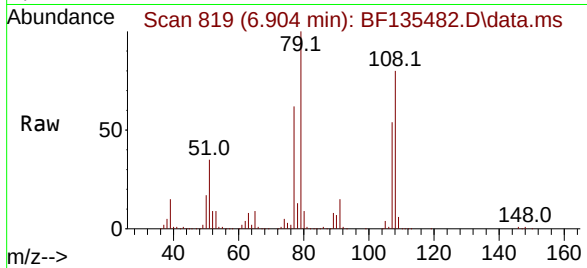
Tgt Ion:146 Resp: 494469  
Ion Ratio Lower Upper  
146 100  
148 64.3 49.7 74.5  
111 46.1 37.4 56.2





#15  
Benzyl Alcohol  
Concen: 46.135 ng  
RT: 6.904 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

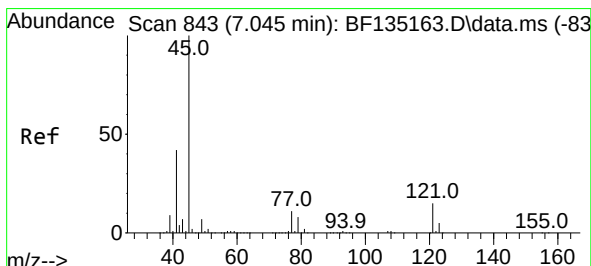
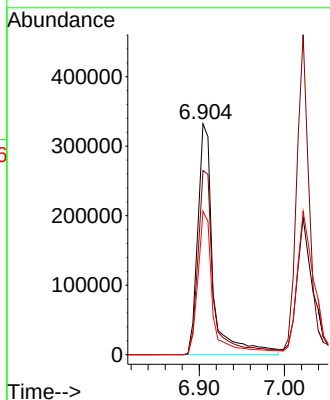
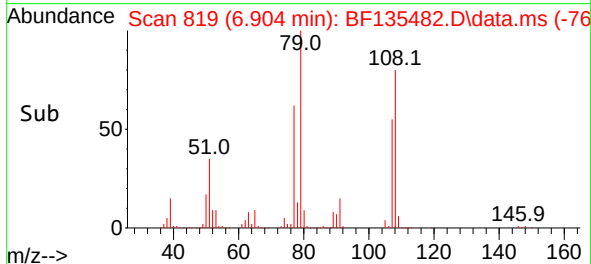
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion: 79 Resp: 41623  
Ion Ratio Lower Upper  
79 100  
108 79.7 61.2 91.8  
77 62.1 50.5 75.7

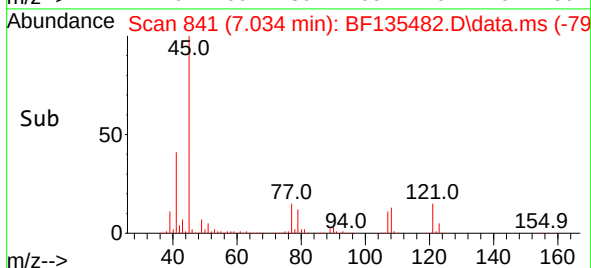
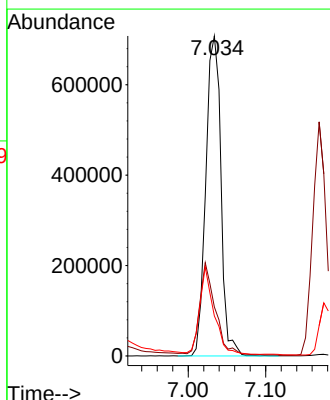
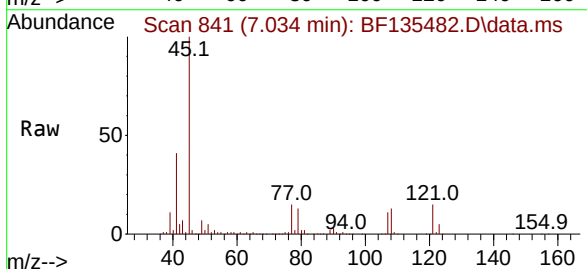
Manual Integrations  
APPROVED

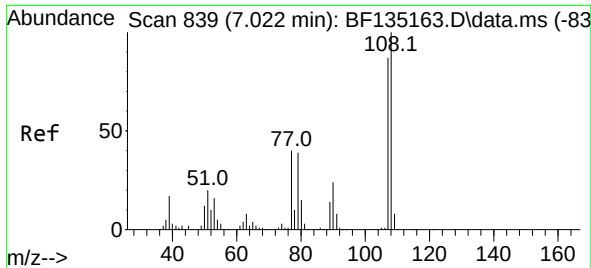
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.966 ng  
RT: 7.034 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

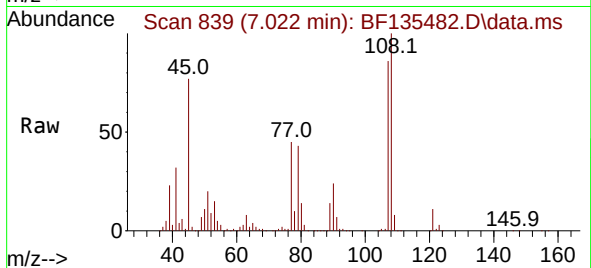
Tgt Ion: 45 Resp: 954477  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 30.6  
79 12.5 0.0 28.3





#17  
2-Methylphenol  
Concen: 44.869 ng  
RT: 7.022 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

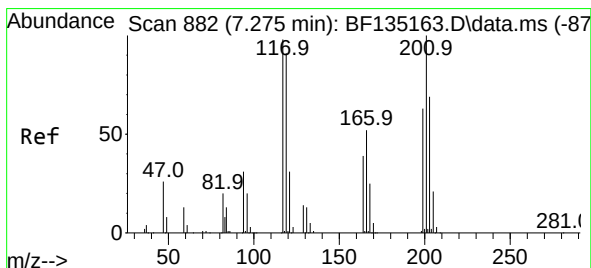
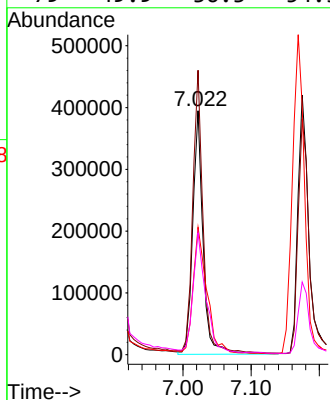
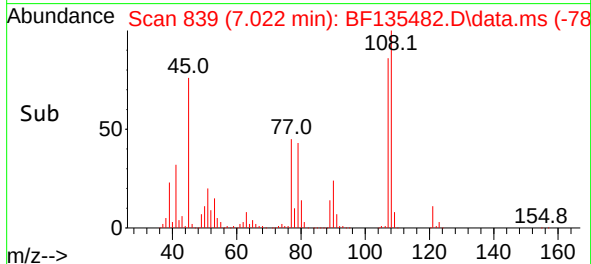
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



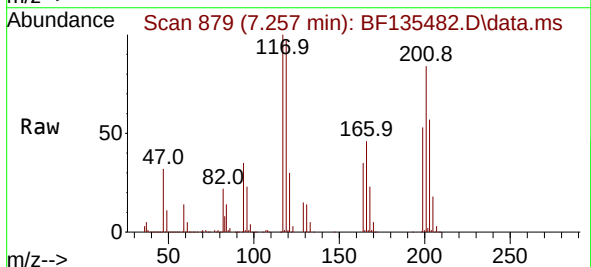
Tgt Ion:107 Resp: 41793  
Ion Ratio Lower Upper  
107 100  
108 116.6 92.0 138.0  
77 52.2 36.7 55.1  
79 49.9 36.3 54.5

Manual Integrations  
APPROVED

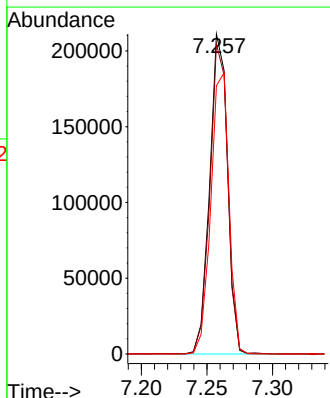
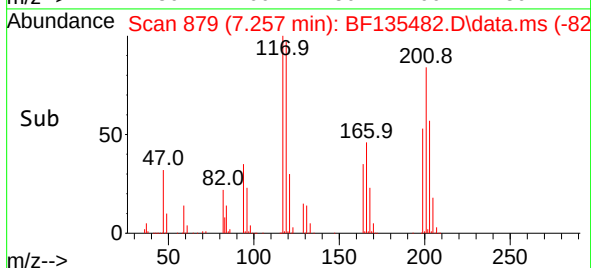
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

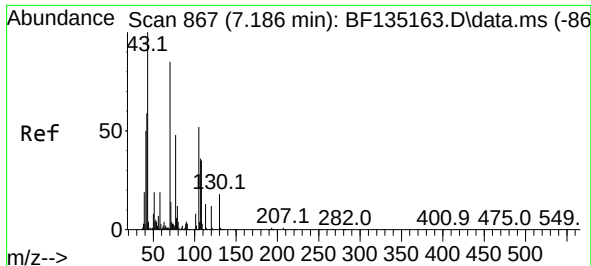


#18  
Hexachloroethane  
Concen: 49.604 ng  
RT: 7.257 min Scan# 879  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07



Tgt Ion:117 Resp: 200030  
Ion Ratio Lower Upper  
117 100  
119 96.8 74.7 112.1  
201 83.8 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.948 ng

RT: 7.175 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135482.D

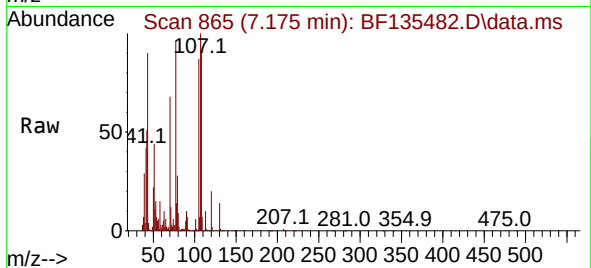
Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS



Tgt Ion: 70 Resp: 32667

Ion Ratio Lower Upper

70 100

42 74.7 55.4 83.0

101 9.4 7.7 11.5

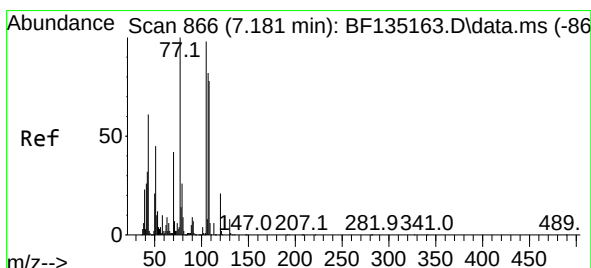
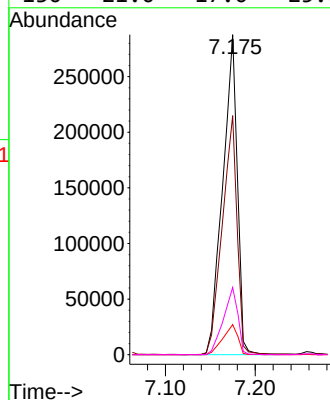
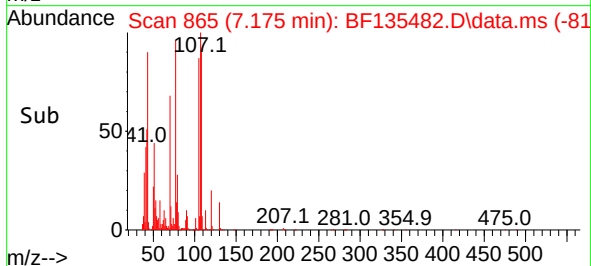
130 21.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#20

3+4-Methylphenols

Concen: 42.308 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion:107 Resp: 473866

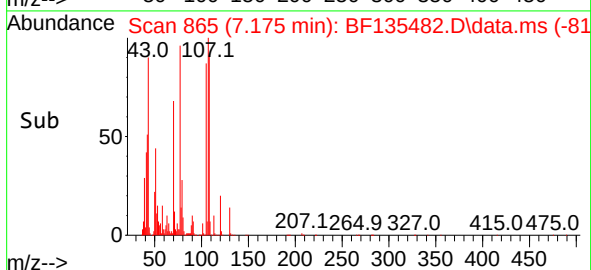
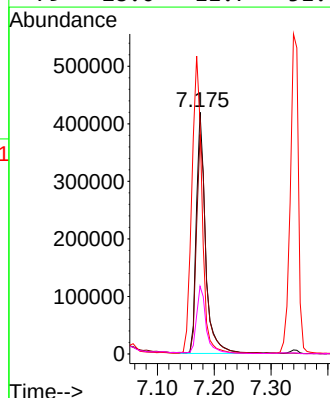
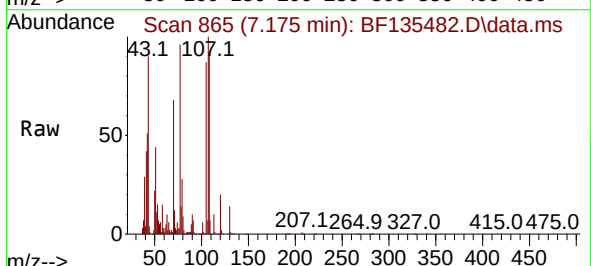
Ion Ratio Lower Upper

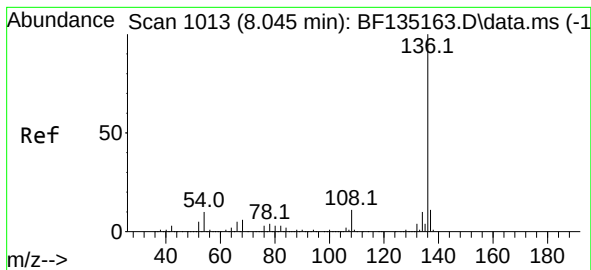
107 100

108 90.8 74.7 114.7

77 95.8 102.0 142.0#

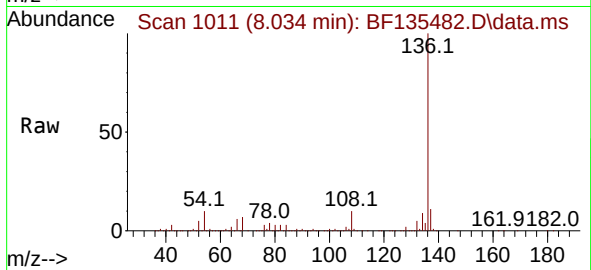
79 28.0 11.7 51.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.034 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

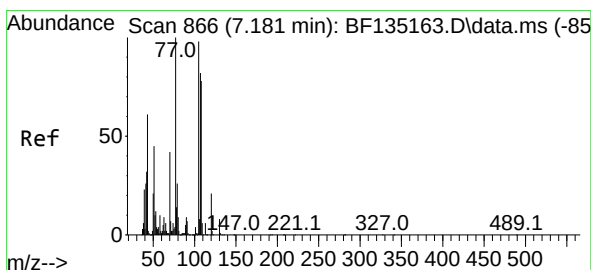
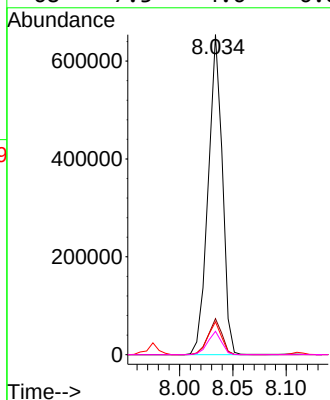
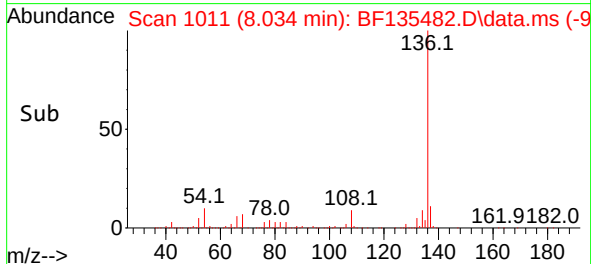
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:136 Resp: 605280  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 10.2 7.7 11.5  
68 7.3 4.6 6.8#

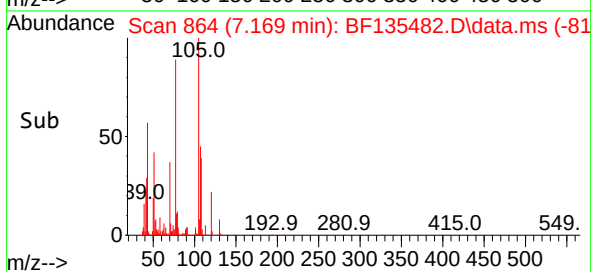
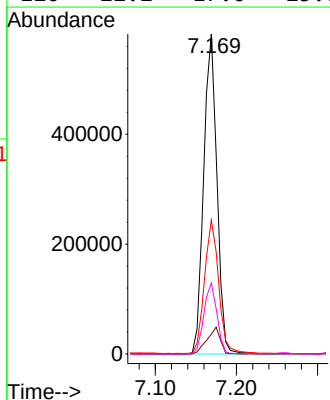
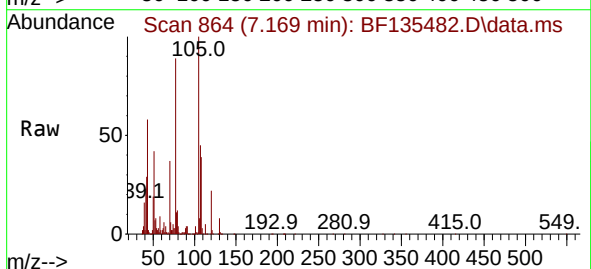
Manual Integrations  
APPROVED

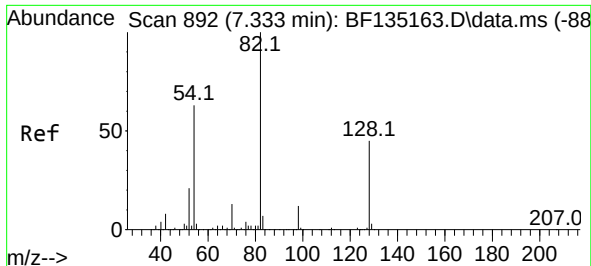
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#22  
Acetophenone  
Concen: 47.567 ng  
RT: 7.169 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion:105 Resp: 658244  
Ion Ratio Lower Upper  
105 100  
71 6.2 5.8 8.6  
51 41.8 37.0 55.4  
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.683 ng

RT: 7.322 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion: 82 Resp: 85432

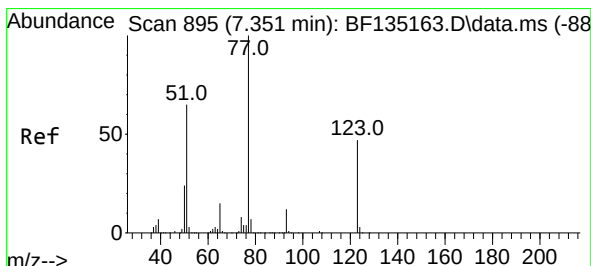
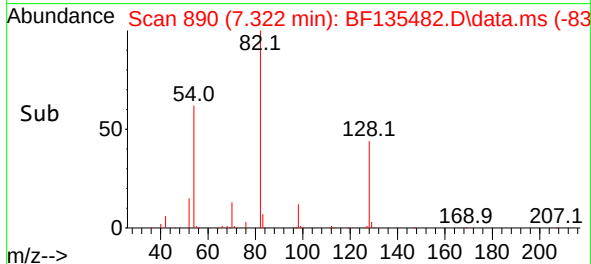
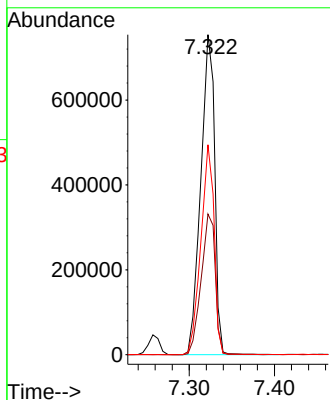
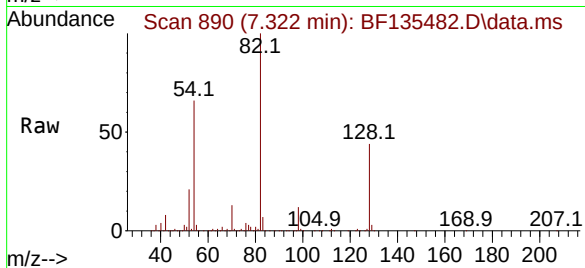
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.0  | 35.8  | 53.6  |
| 54  | 65.6  | 50.6  | 76.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#24

Nitrobenzene

Concen: 50.081 ng

RT: 7.340 min Scan# 893

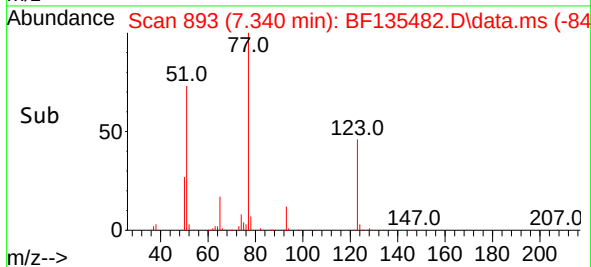
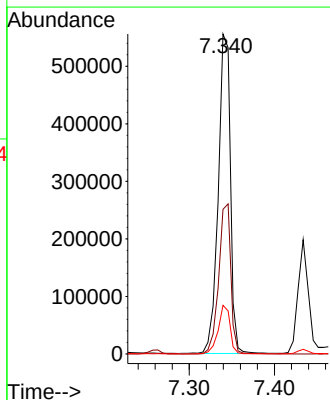
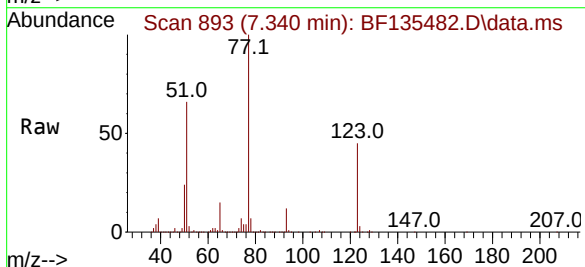
Delta R.T. 0.000 min

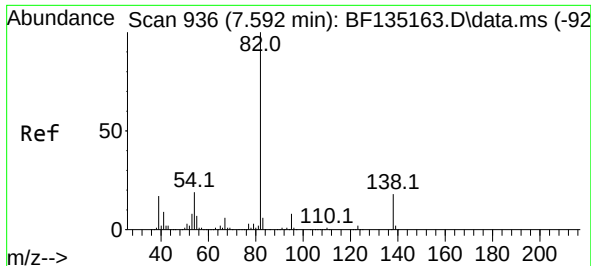
Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion: 77 Resp: 551478

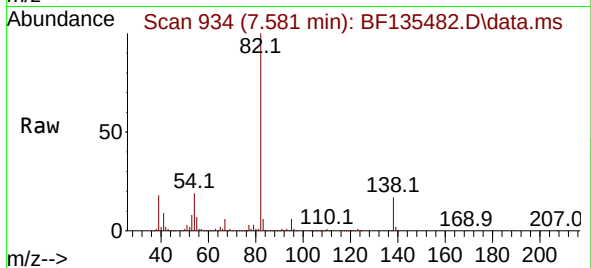
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.2  | 37.6  | 56.4  |
| 65  | 15.2  | 12.2  | 18.4  |





#25  
Isophorone  
Concen: 49.277 ng  
RT: 7.581 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

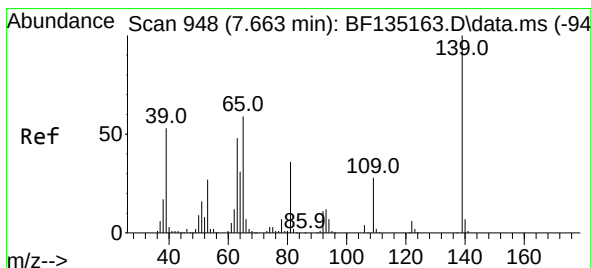
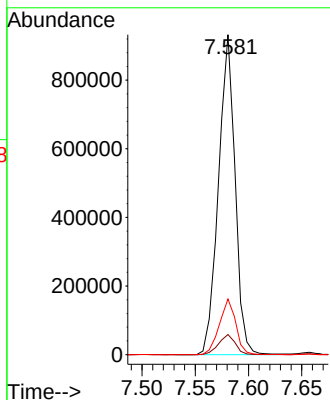
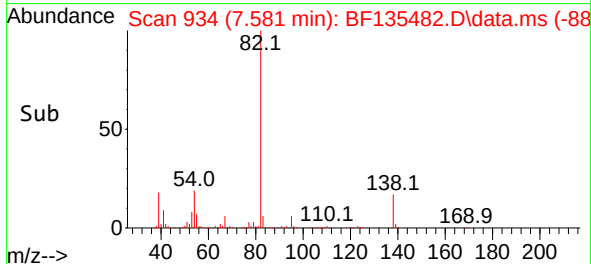
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion: 82 Resp: 100809  
Ion Ratio Lower Upper  
82 100  
95 6.3 6.0 9.0  
138 17.4 14.5 21.7

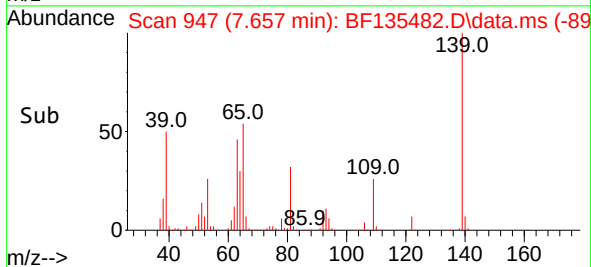
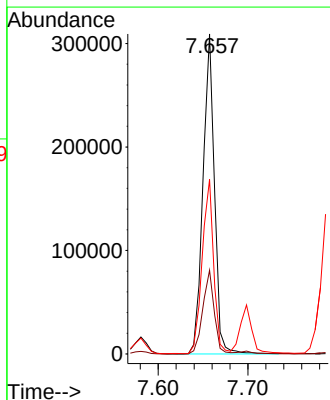
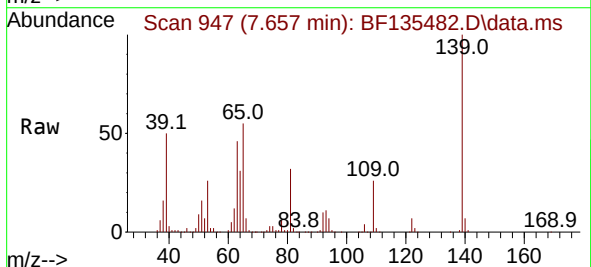
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Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

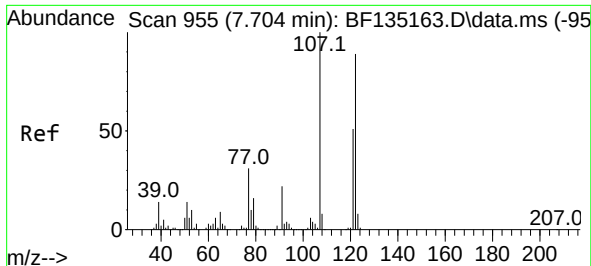


#26  
2-Nitrophenol  
Concen: 52.010 ng  
RT: 7.657 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion:139 Resp: 274874  
Ion Ratio Lower Upper  
139 100  
109 26.1 22.6 33.8  
65 54.6 47.0 70.4

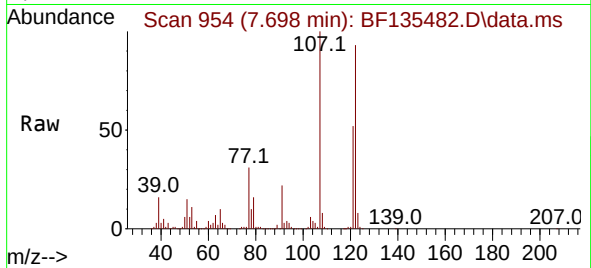






#27  
2,4-Dimethylphenol  
Concen: 45.519 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

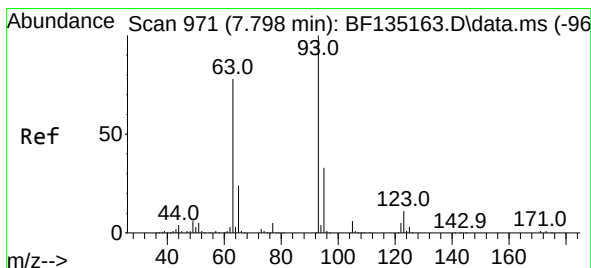
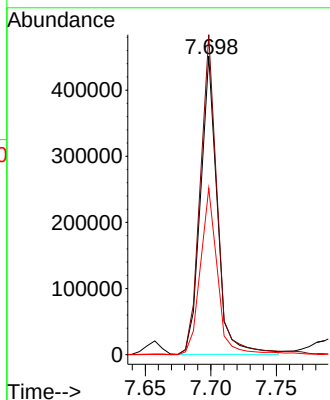
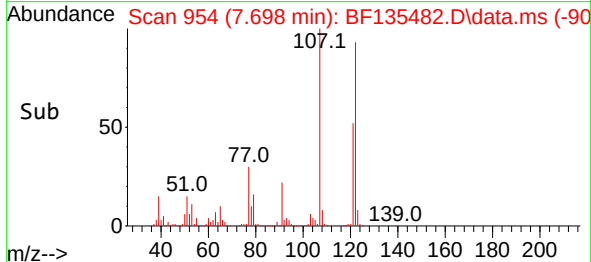
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:122 Resp: 404369  
Ion Ratio Lower Upper  
122 100  
107 107.1 90.2 135.4  
121 55.8 46.3 69.5

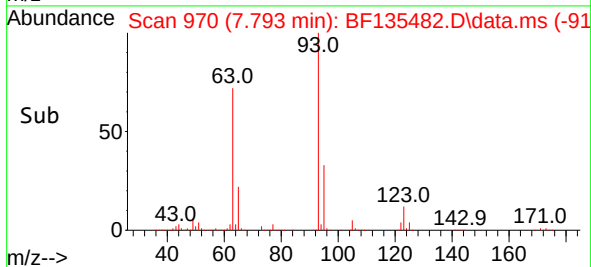
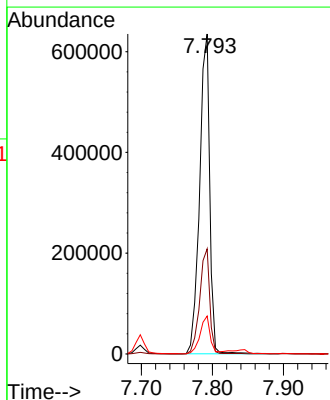
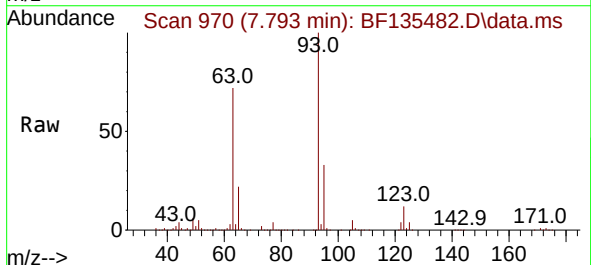
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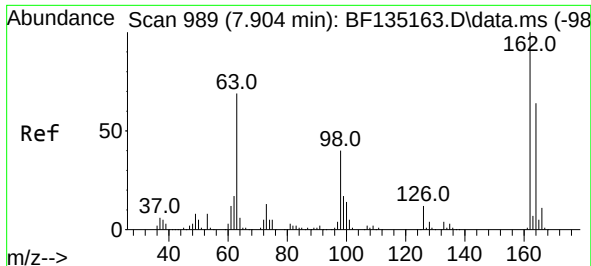
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 51.310 ng  
RT: 7.793 min Scan# 970  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion: 93 Resp: 628263  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.2 39.2  
123 11.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.530 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135482.D

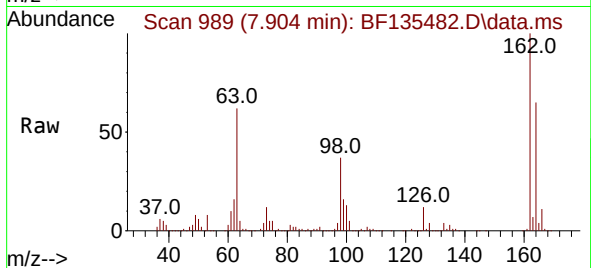
Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS



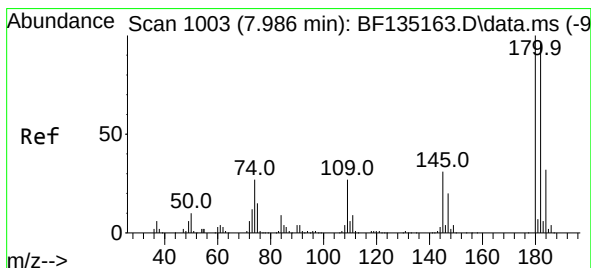
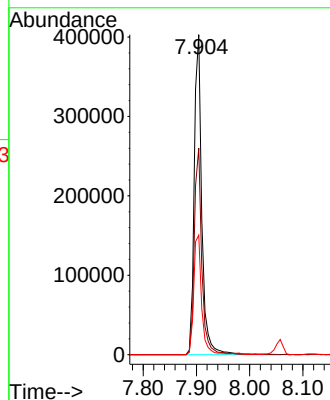
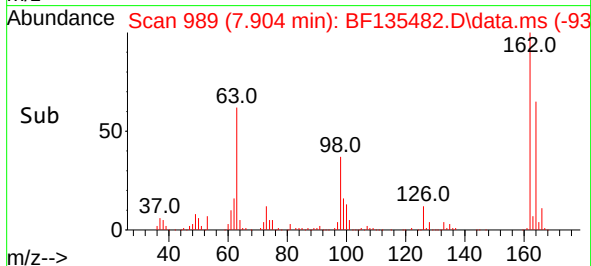
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 399479 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.5  | 44.1  | 84.1   |
| 98        | 37.4  | 20.3  | 60.3   |

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.648 ng

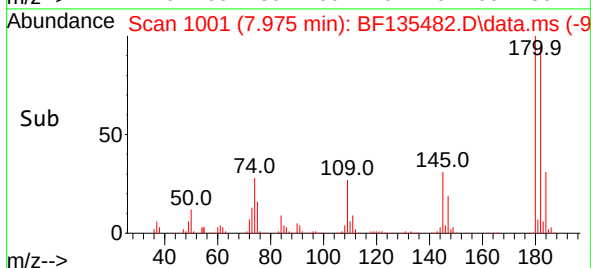
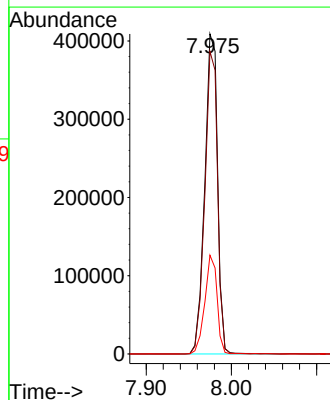
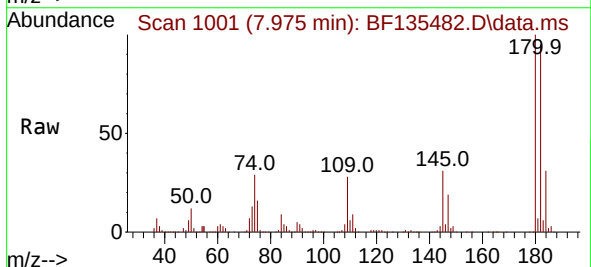
RT: 7.975 min Scan# 1001

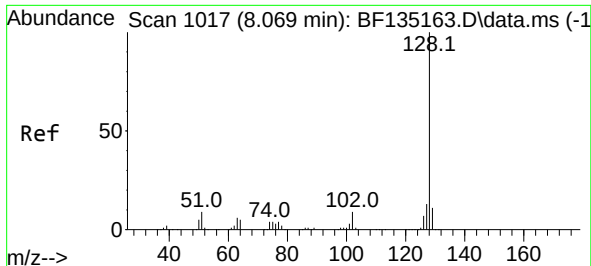
Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

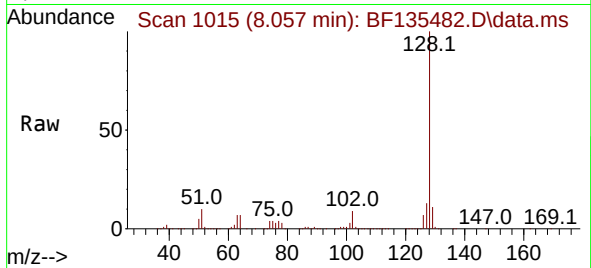
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 427163 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.6  | 76.9  | 115.3  |
| 145       | 30.9  | 24.5  | 36.7   |





#31  
Naphthalene  
Concen: 48.398 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

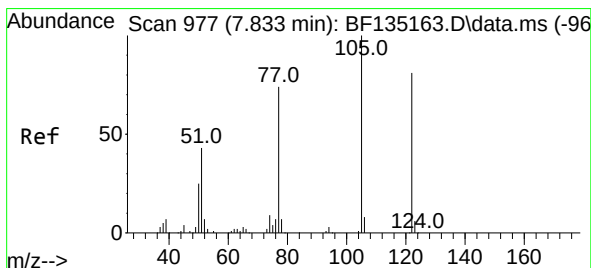
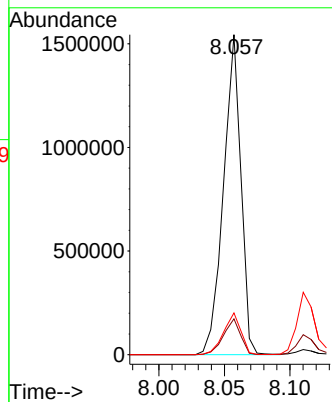
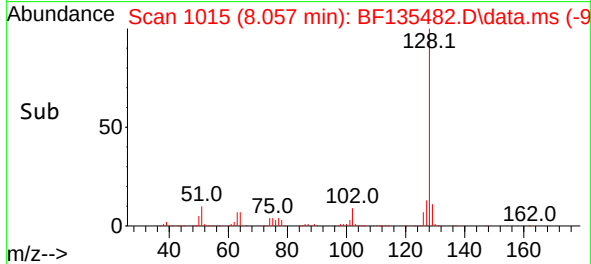
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:128 Resp: 142331  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.1 10.7 16.1

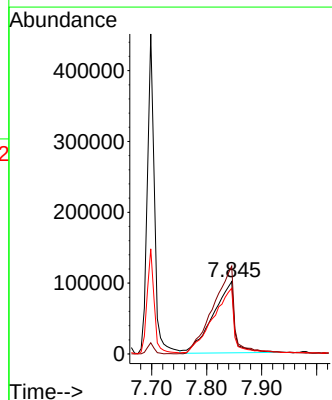
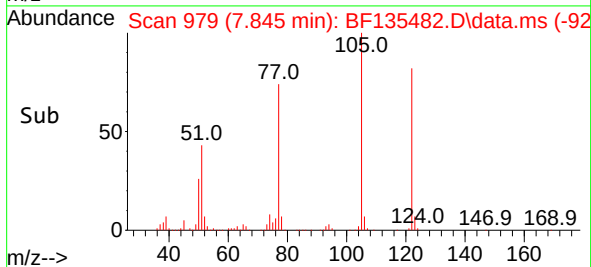
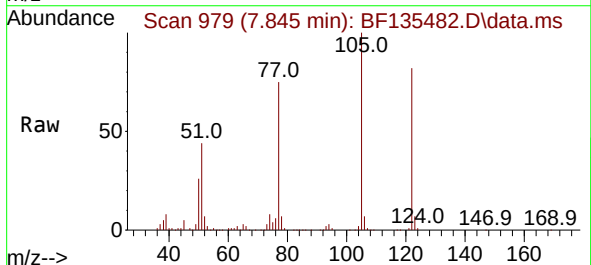
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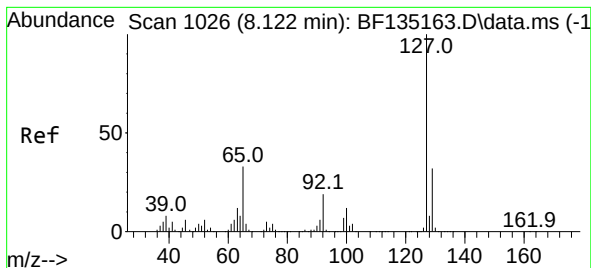
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#32  
Benzoic acid  
Concen: 41.284 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.018 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion:122 Resp: 276159  
Ion Ratio Lower Upper  
122 100  
105 121.5 99.9 139.9  
77 90.9 70.0 110.0





#33

4-Chloroaniline

Concen: 23.535 ng

RT: 8.110 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

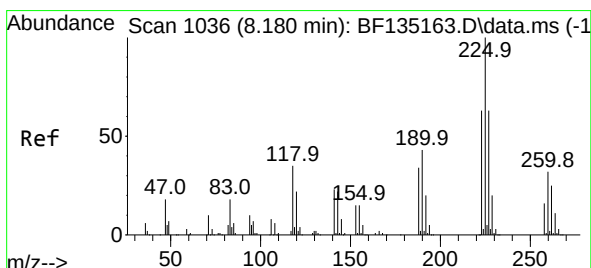
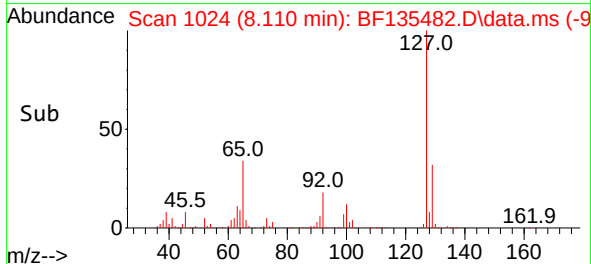
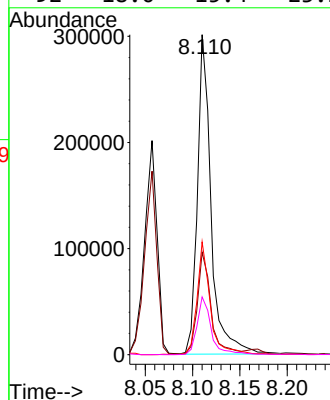
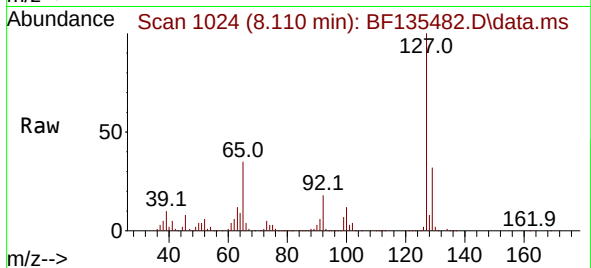
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 30367 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.0  | 25.8  | 38.8  |
| 65        | 35.3  | 26.6  | 39.8  |
| 92        | 18.0  | 15.4  | 23.2  |

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#34

Hexachlorobutadiene

Concen: 46.204 ng

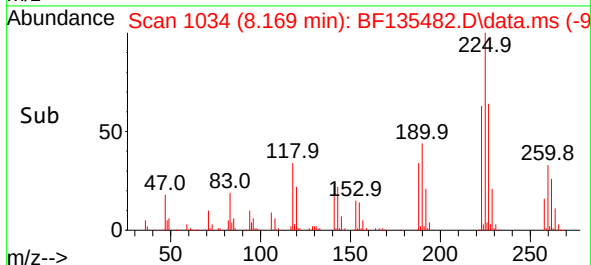
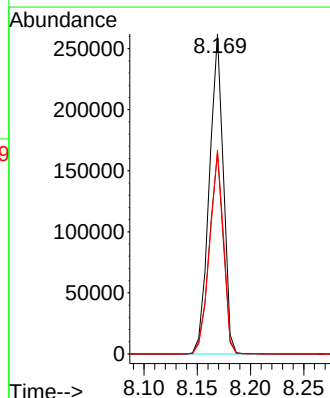
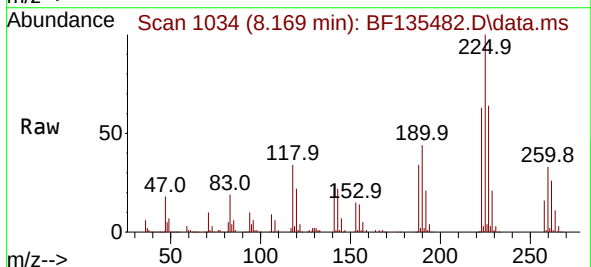
RT: 8.169 min Scan# 1034

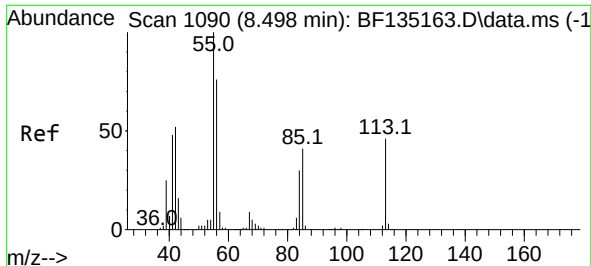
Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

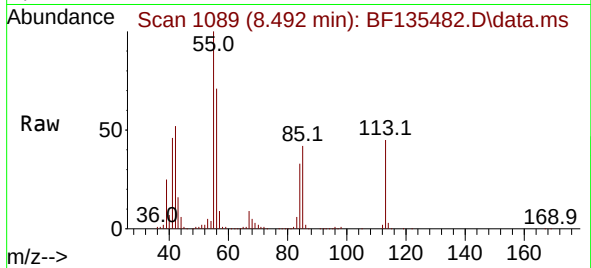
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 239702 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.8  | 50.6  | 75.8   |
| 227       | 63.7  | 50.8  | 76.2   |





#35  
 Caprolactam  
 Concen: 46.879 ng m  
 RT: 8.492 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: BF135482.D  
 Acq: 27 Sep 2023 20:07

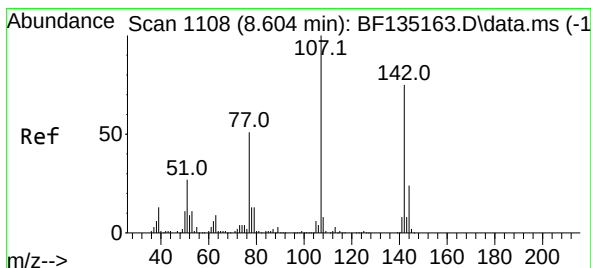
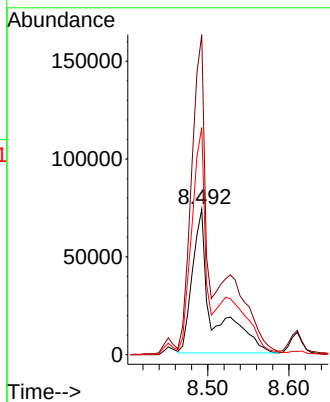
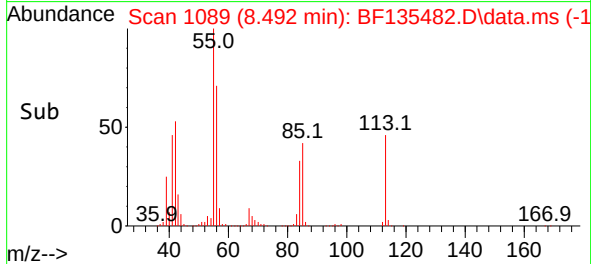
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MS



Tgt Ion:113 Resp: 12951  
 Ion Ratio Lower Upper  
 113 100  
 55 220.2 199.3 239.3  
 56 156.2 146.3 186.3

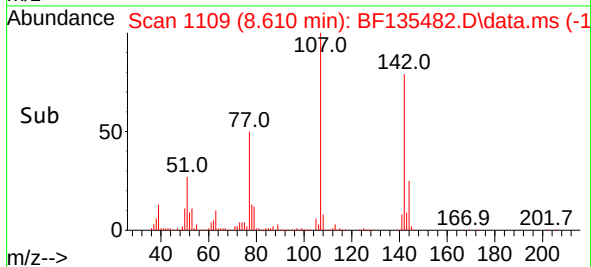
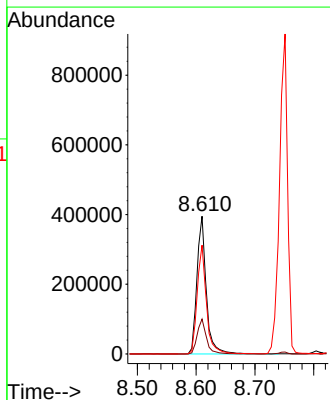
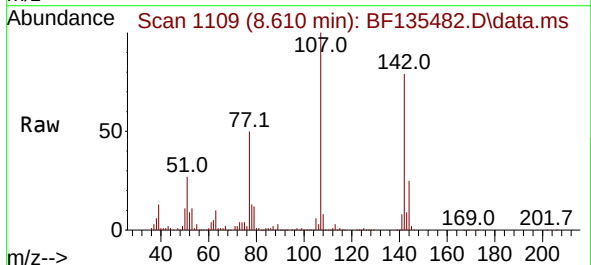
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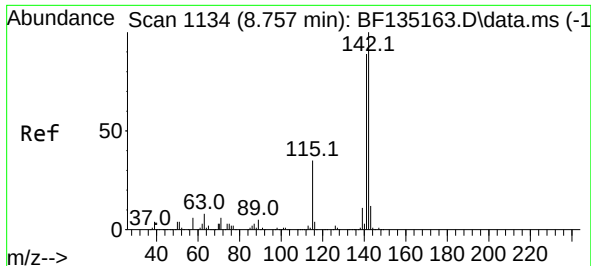
Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :Jagrut Upadhyay 09/28/2023



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.783 ng  
 RT: 8.610 min Scan# 1109  
 Delta R.T. 0.006 min  
 Lab File: BF135482.D  
 Acq: 27 Sep 2023 20:07

Tgt Ion:107 Resp: 437153  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 19.0 28.4  
 142 79.1 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.094 ng

RT: 8.751 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 87167

Ion Ratio Lower Upper

142 100

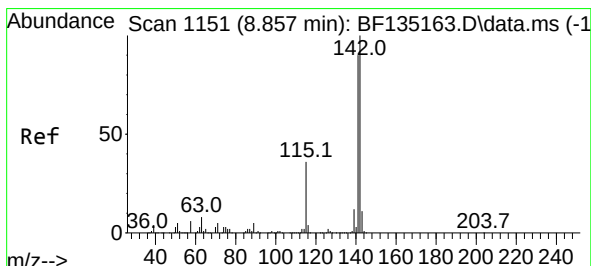
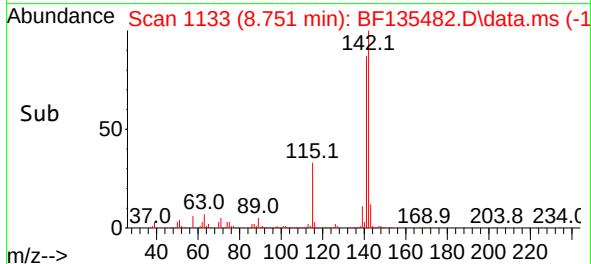
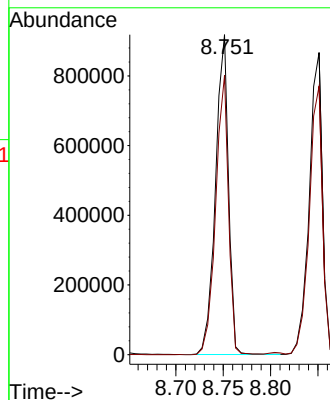
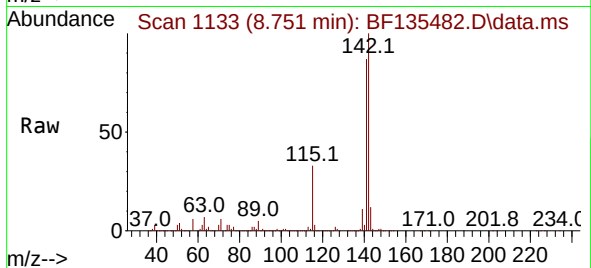
141 87.3 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#38

1-Methylnaphthalene

Concen: 45.408 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135482.D

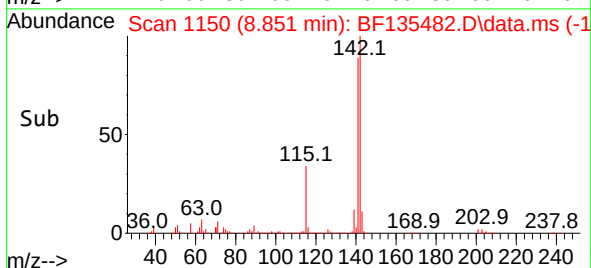
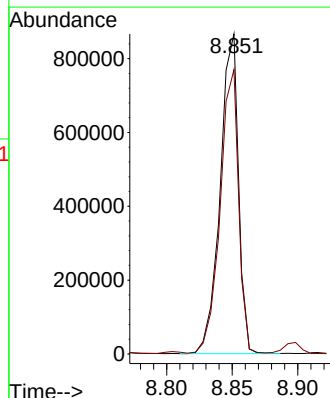
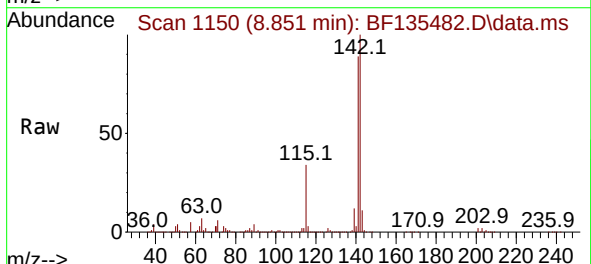
Acq: 27 Sep 2023 20:07

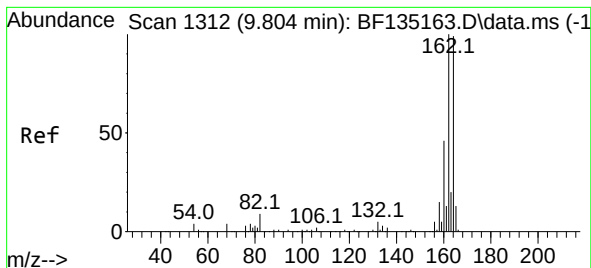
Tgt Ion:142 Resp: 840411

Ion Ratio Lower Upper

142 100

141 88.9 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: BF135482.D

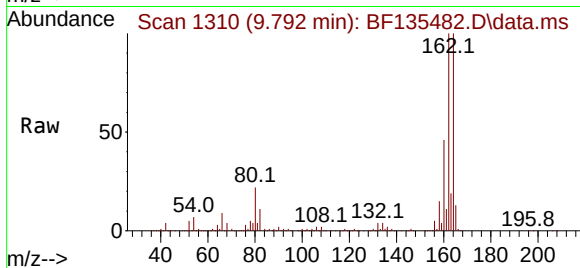
Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS



Tgt Ion:164 Resp: 286070

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

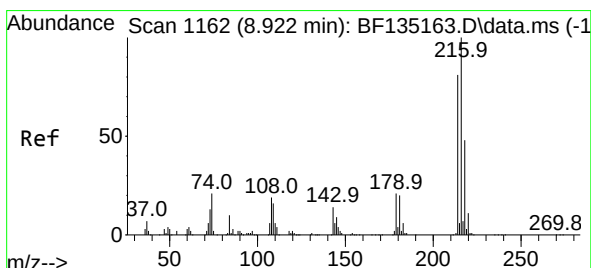
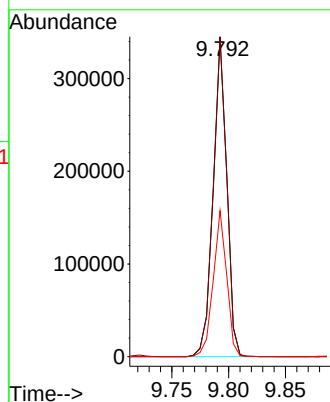
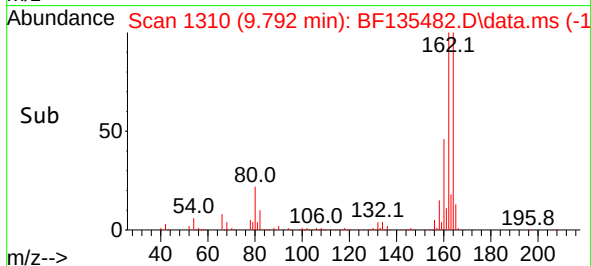
160 45.7 37.0 55.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.960 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion:216 Resp: 405771

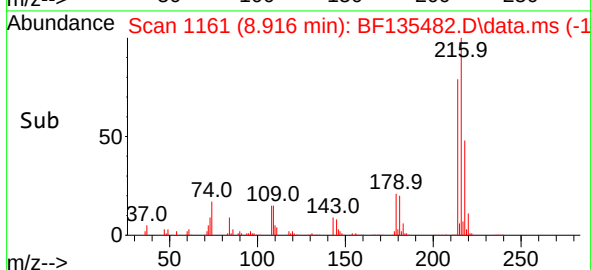
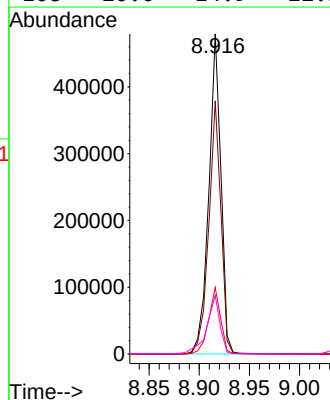
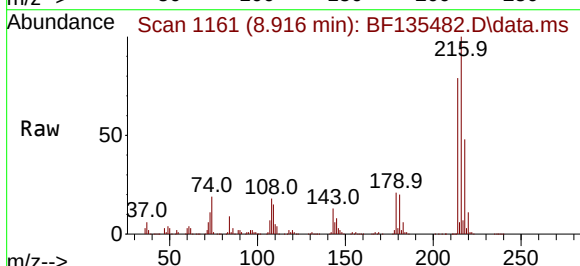
Ion Ratio Lower Upper

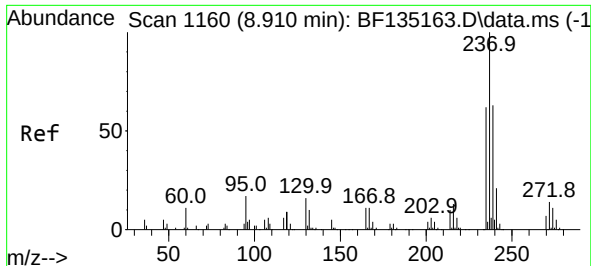
216 100

214 78.9 63.7 95.5

179 20.5 16.7 25.1

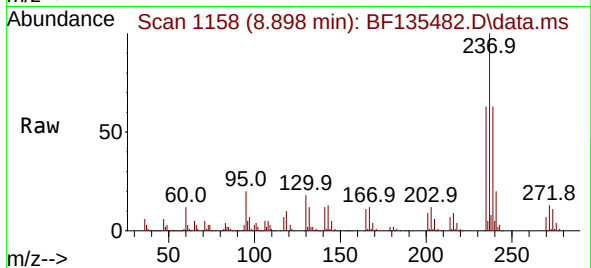
108 20.0 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 59.150 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

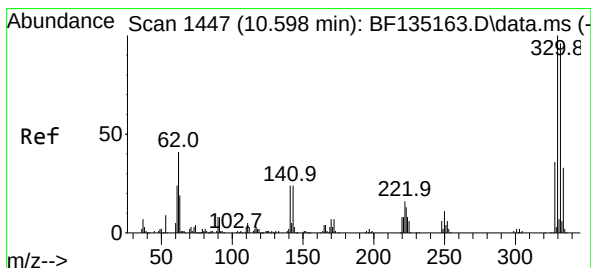
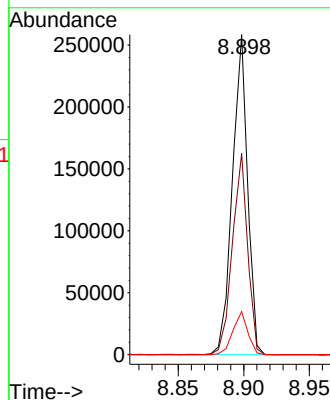
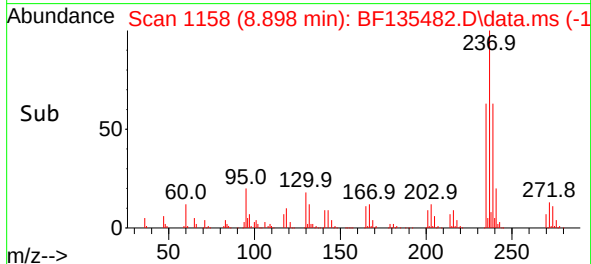
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion: 237 Resp: 20826  
Ion Ratio Lower Upper  
237 100  
235 62.9 41.8 81.8  
272 13.4 0.0 33.6

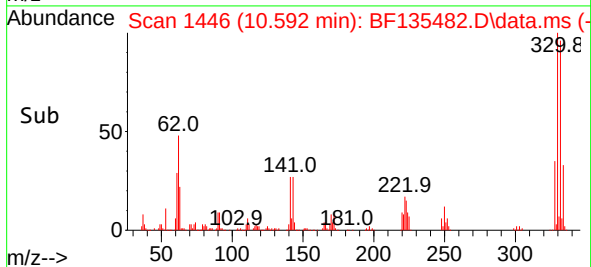
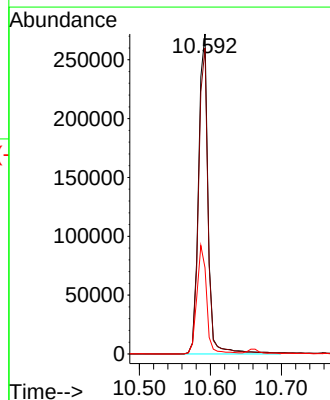
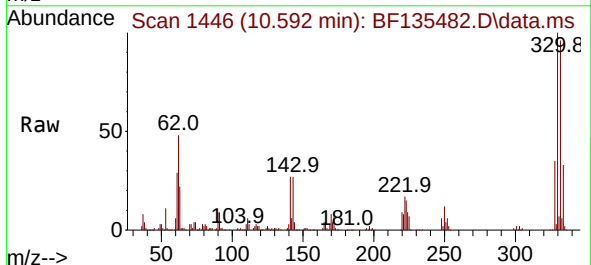
Manual Integrations  
APPROVED

Reviewed By : Yogesh Patel 09/28/2023  
Supervised By : Jagrut Upadhyay 09/28/2023

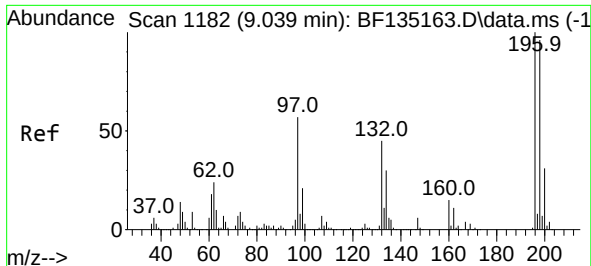


#42  
2,4,6-Tribromophenol  
Concen: 90.021 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion: 330 Resp: 255921  
Ion Ratio Lower Upper  
330 100  
332 94.3 77.3 115.9  
141 34.6 25.8 38.8







#43

2,4,6-Trichlorophenol

Concen: 48.016 ng

RT: 9.034 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion:196 Resp: 260550

Ion Ratio Lower Upper

196 100

198 95.8 77.0 115.6

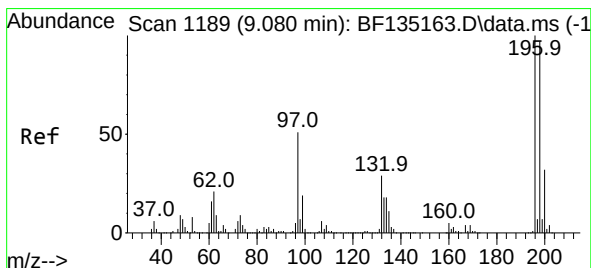
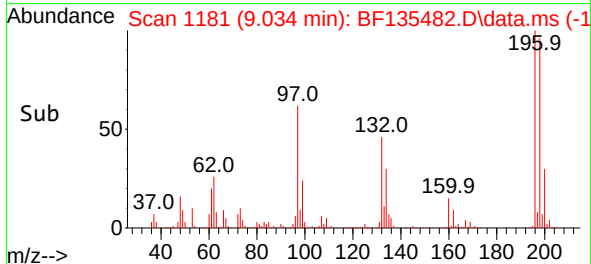
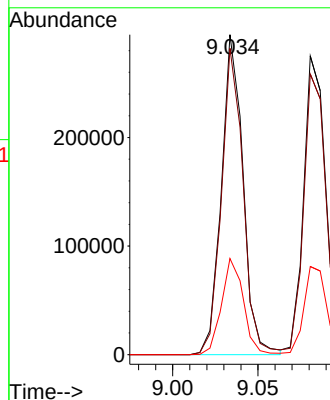
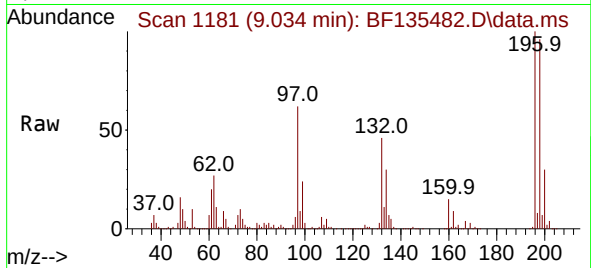
200 30.1 24.5 36.7

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#44

2,4,5-Trichlorophenol

Concen: 44.450 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion:196 Resp: 277771

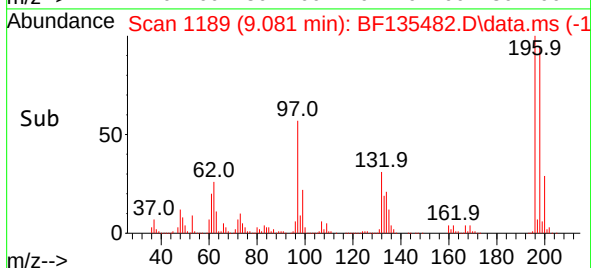
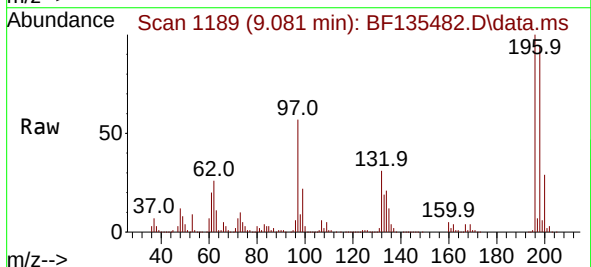
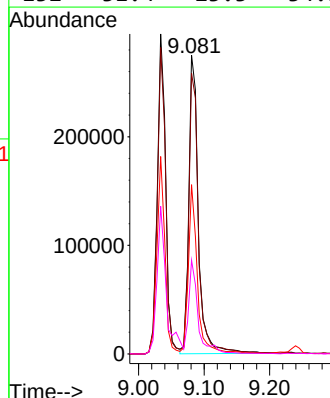
Ion Ratio Lower Upper

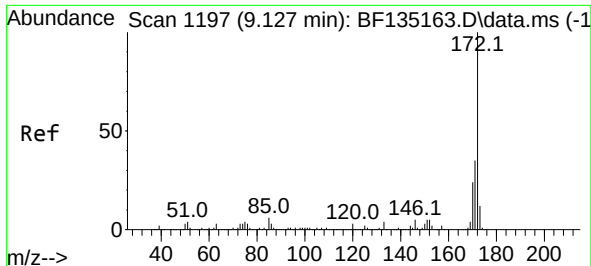
196 100

198 93.9 77.5 116.3

97 56.7 40.5 60.7

132 31.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.389 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion:172 Resp: 135363

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

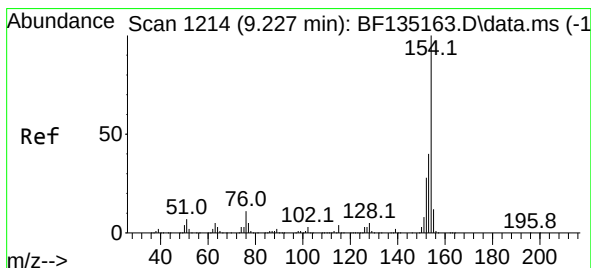
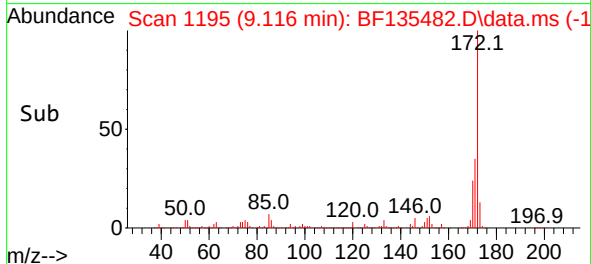
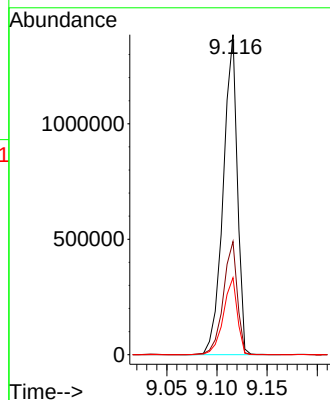
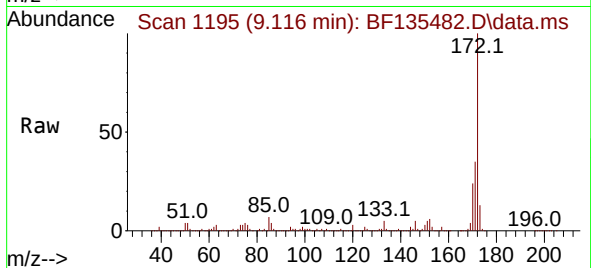
170 24.1 19.0 28.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#46

1,1'-Biphenyl

Concen: 48.657 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

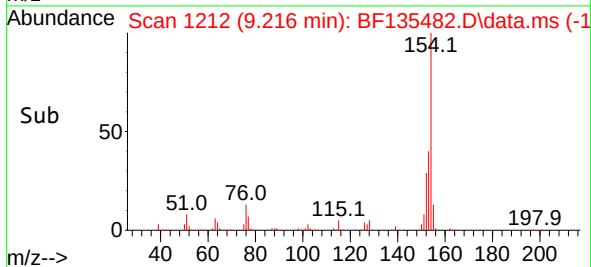
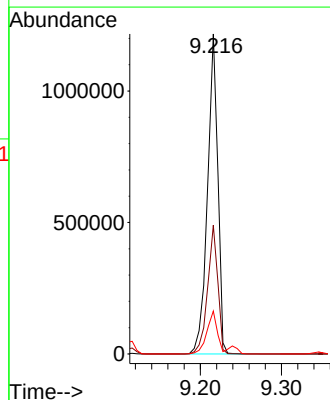
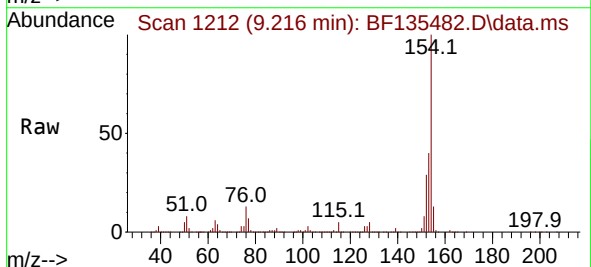
Tgt Ion:154 Resp: 1069698

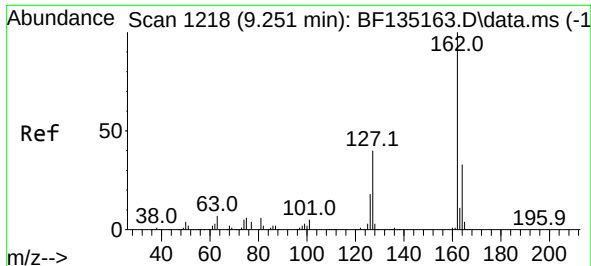
Ion Ratio Lower Upper

154 100

153 40.3 19.6 59.6

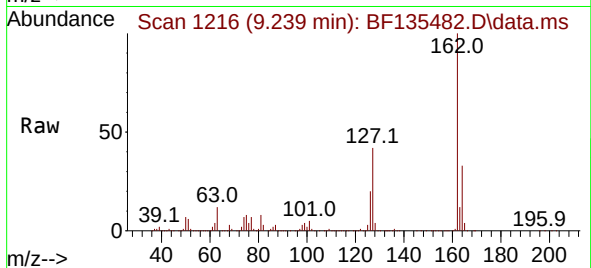
76 13.4 0.0 31.0





#47  
2-Chloronaphthalene  
Concen: 50.290 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

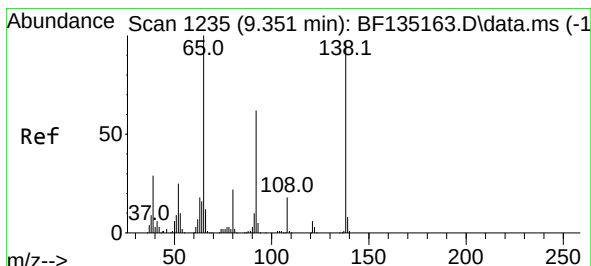
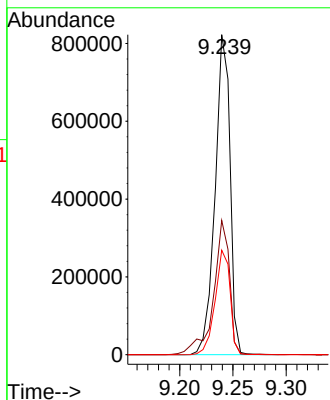
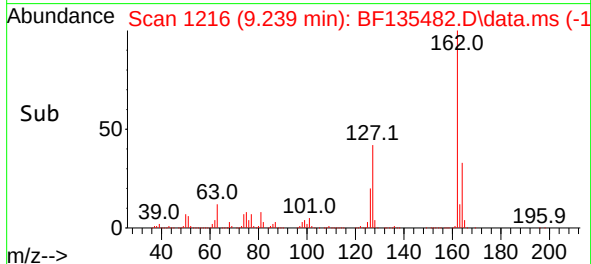
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:162 Resp: 802184  
Ion Ratio Lower Upper  
162 100  
127 42.0 32.6 48.8  
164 32.7 26.2 39.2

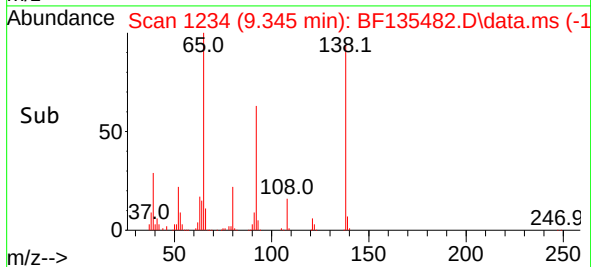
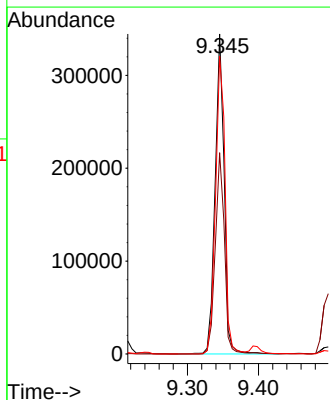
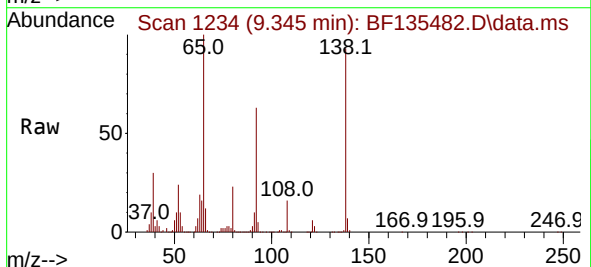
Manual Integrations  
APPROVED

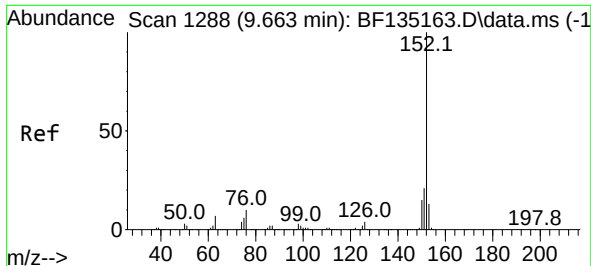
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#48  
2-Nitroaniline  
Concen: 49.148 ng  
RT: 9.345 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

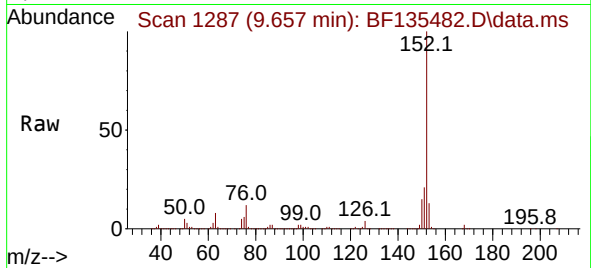
Tgt Ion: 65 Resp: 304569  
Ion Ratio Lower Upper  
65 100  
92 62.9 49.4 74.0  
138 93.0 77.4 116.0





#49  
Acenaphthylene  
Concen: 48.259 ng  
RT: 9.657 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

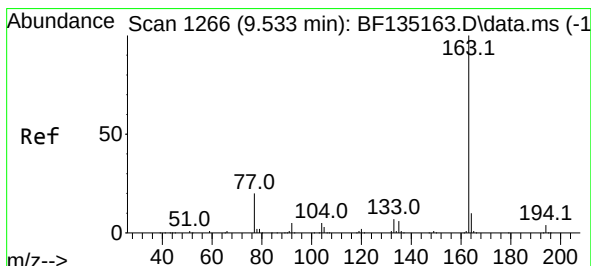
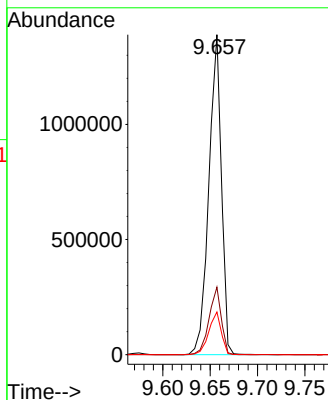
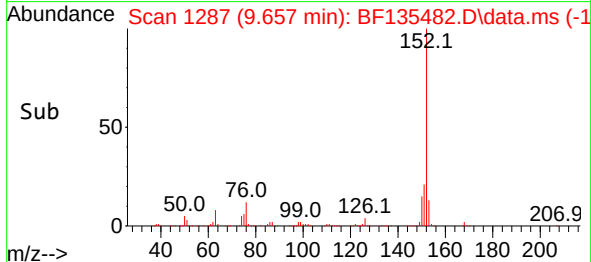
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



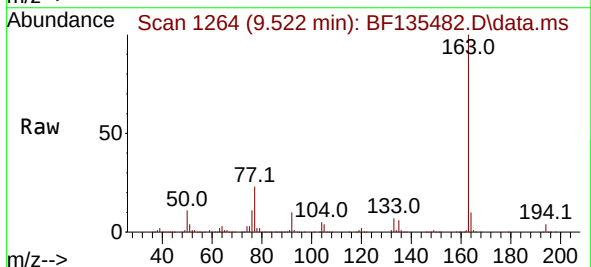
Tgt Ion:152 Resp: 1279312  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.4 24.6  
153 13.4 10.4 15.6

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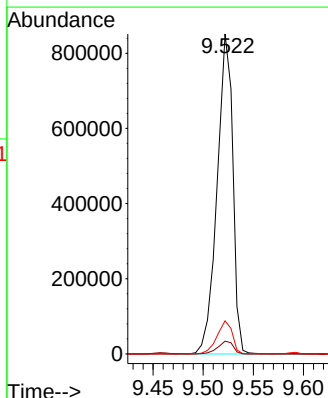
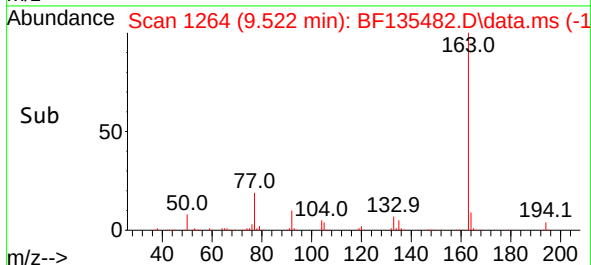
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

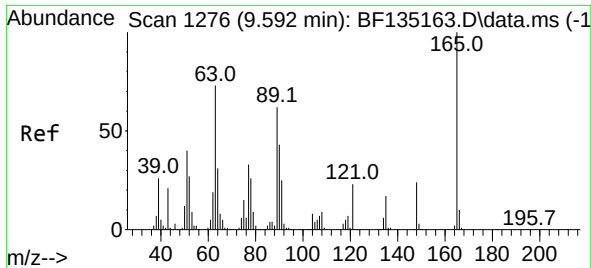


#50  
Dimethylphthalate  
Concen: 47.913 ng  
RT: 9.522 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07



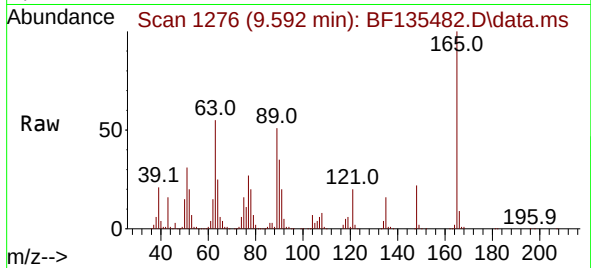
Tgt Ion:163 Resp: 926714  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 10.4 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 48.762 ng  
RT: 9.592 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

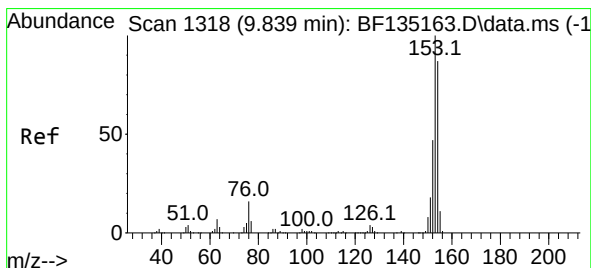
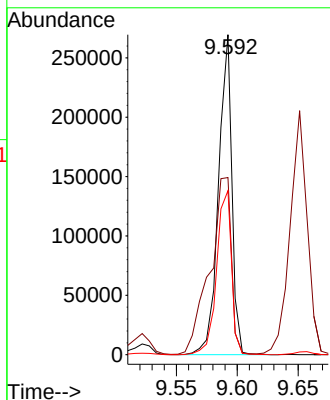
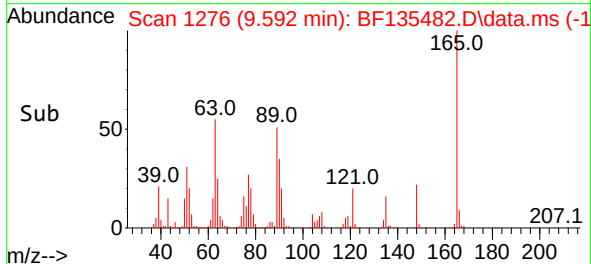
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:165 Resp: 206609  
Ion Ratio Lower Upper  
165 100  
63 55.4 59.4 89.2  
89 51.2 49.8 74.8

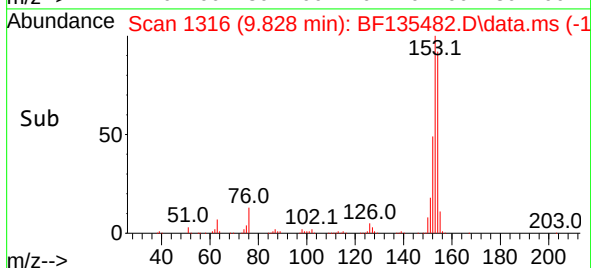
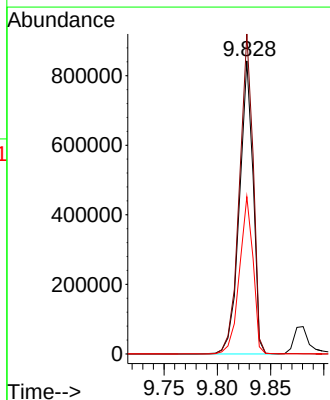
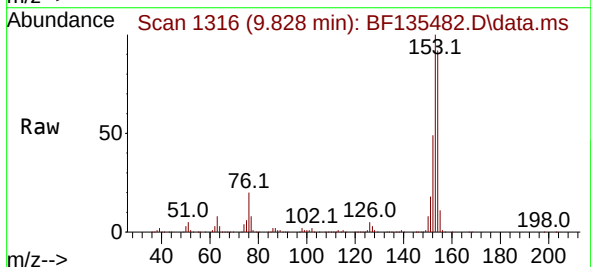
Manual Integrations  
APPROVED

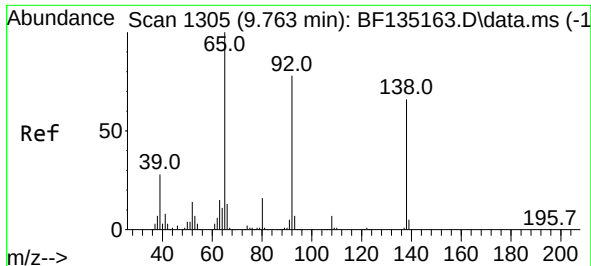
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#52  
Acenaphthene  
Concen: 47.963 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

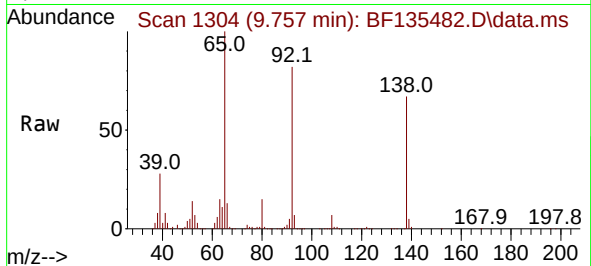
Tgt Ion:154 Resp: 751122  
Ion Ratio Lower Upper  
154 100  
153 109.2 92.1 138.1  
152 53.6 43.1 64.7





#53  
3-Nitroaniline  
Concen: 33.416 ng  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

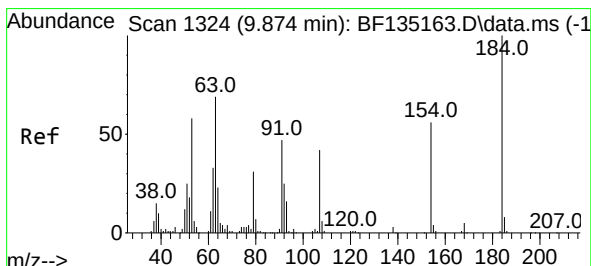
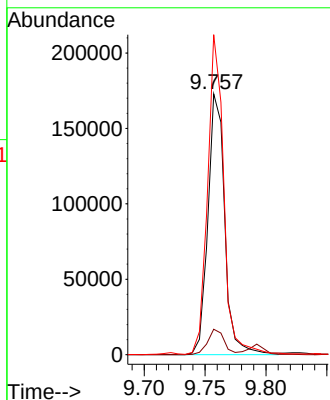
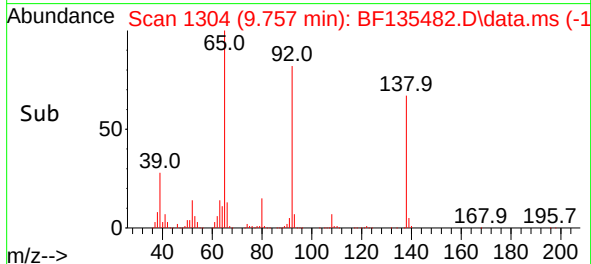
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



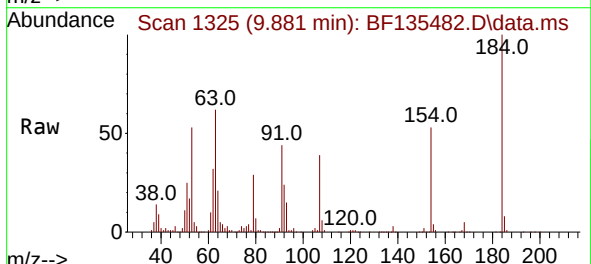
Tgt Ion:138 Resp: 166198  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.5 12.7  
92 122.7 95.4 143.0

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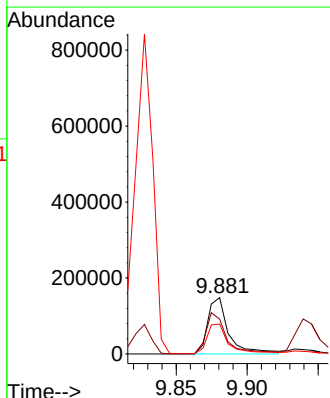
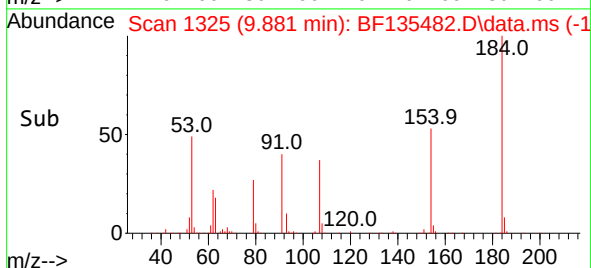
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

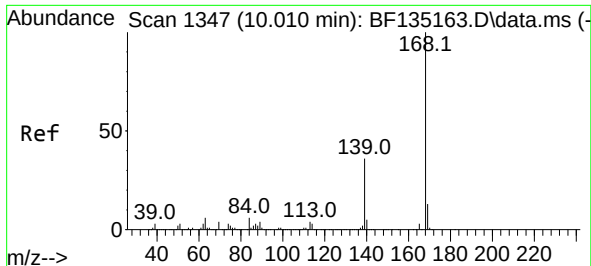


#54  
2,4-Dinitrophenol  
Concen: 64.669 ng  
RT: 9.881 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07



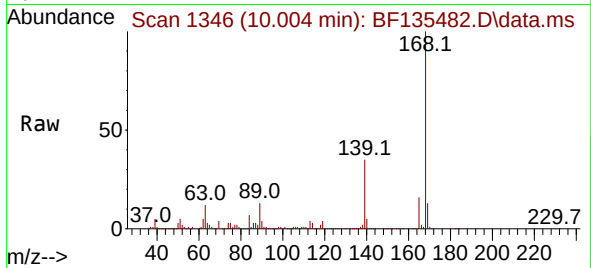
Tgt Ion:184 Resp: 152431  
Ion Ratio Lower Upper  
184 100  
63 62.1 55.1 82.7  
154 53.1 48.4 72.6





#55  
Dibenzenofuran  
Concen: 43.805 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

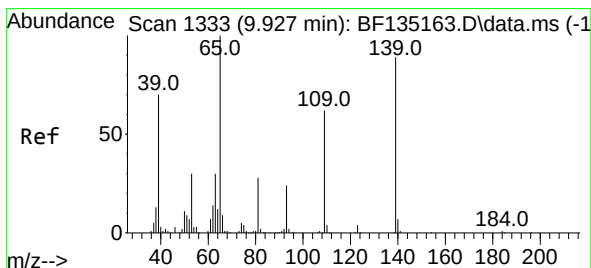
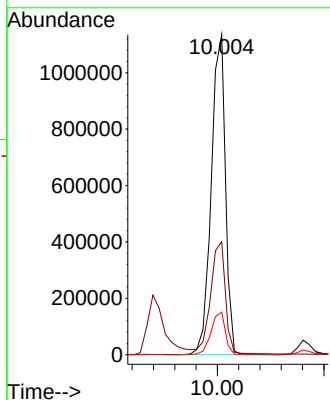
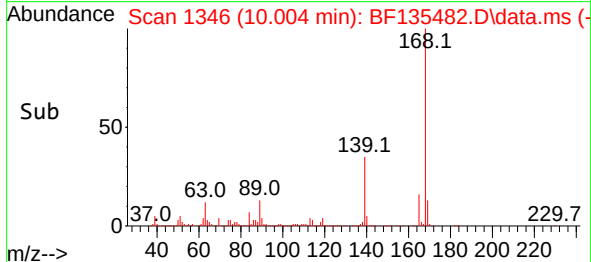
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:168 Resp: 1046835  
Ion Ratio Lower Upper  
168 100  
139 35.2 29.0 43.6  
169 13.3 10.4 15.6

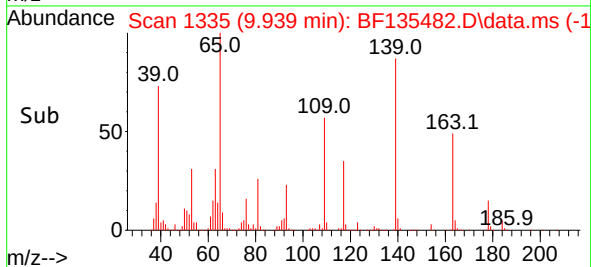
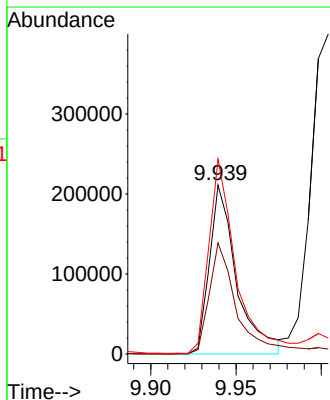
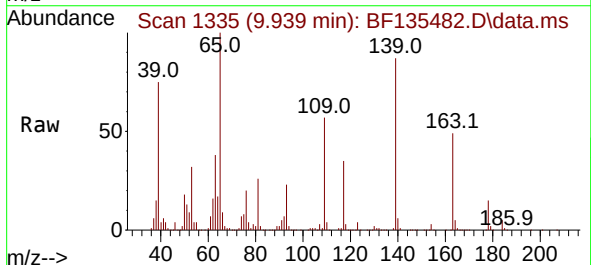
Manual Integrations  
APPROVED

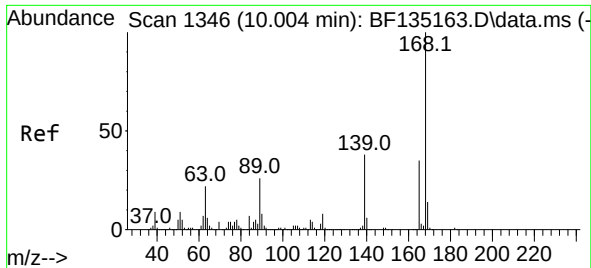
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#56  
4-Nitrophenol  
Concen: 74.158 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

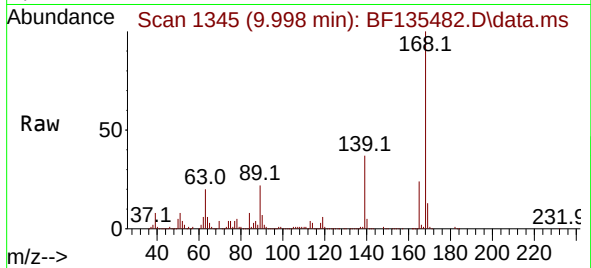
Tgt Ion:139 Resp: 234416  
Ion Ratio Lower Upper  
139 100  
109 65.8 49.8 89.8  
65 115.3 92.7 132.7





#57  
2,4-Dinitrotoluene  
Concen: 42.165 ng  
RT: 9.998 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

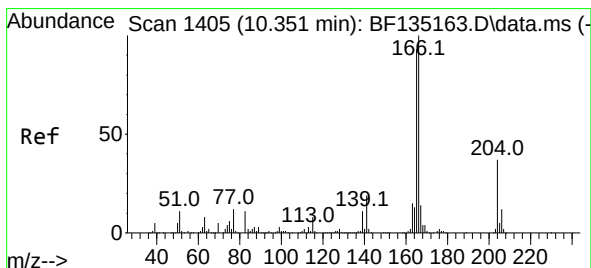
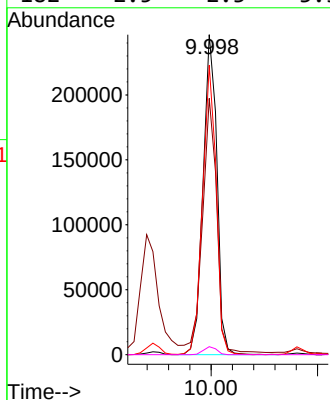
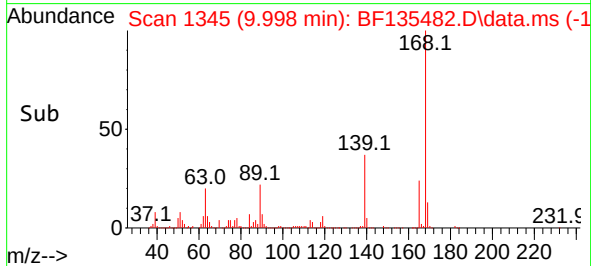
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



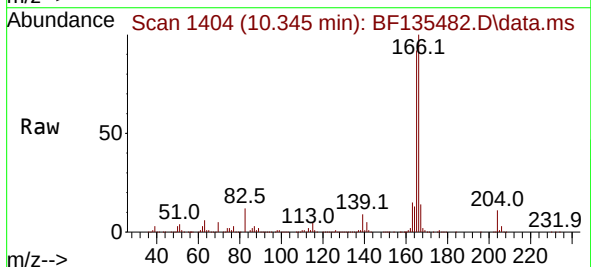
Tgt Ion:165 Resp: 223664  
Ion Ratio Lower Upper  
165 100  
63 80.1 50.1 75.1  
89 90.4 59.3 88.9  
182 2.5 2.3 3.5

Manual Integrations  
APPROVED

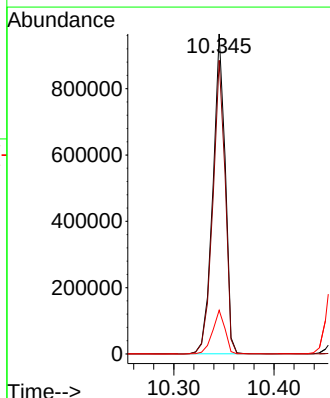
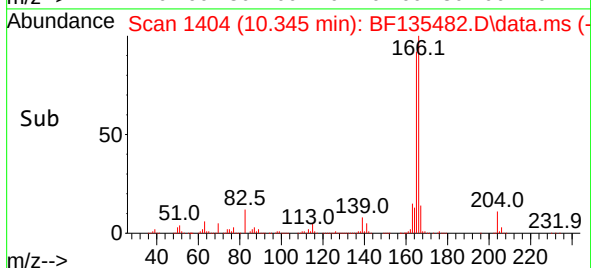
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



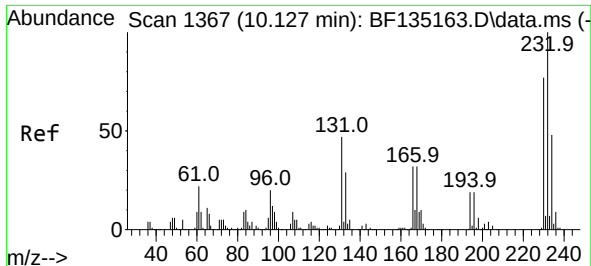
#58  
Fluorene  
Concen: 44.880 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07



Tgt Ion:166 Resp: 824505  
Ion Ratio Lower Upper  
166 100  
165 91.8 74.3 111.5  
167 13.6 10.9 16.3

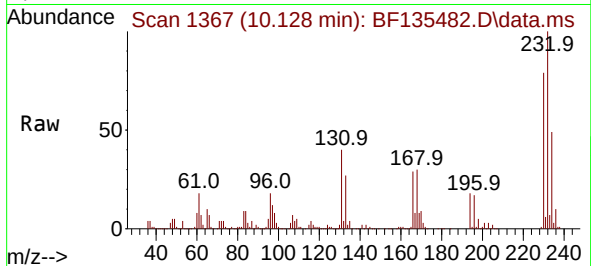






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.106 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

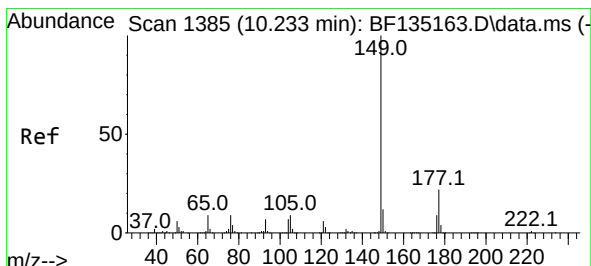
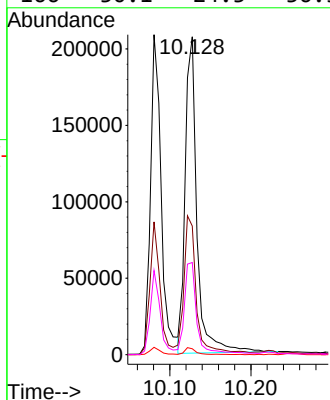
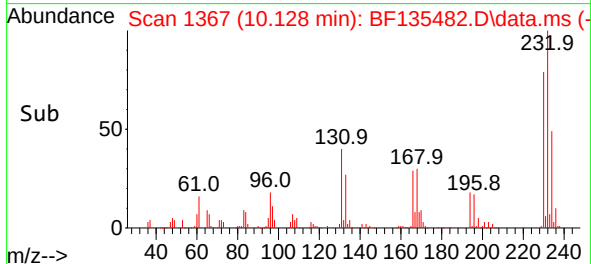
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:232 Resp: 207214  
Ion Ratio Lower Upper  
232 100  
131 45.2 35.4 53.2  
130 2.3 1.8 2.8  
166 30.1 24.3 36.5

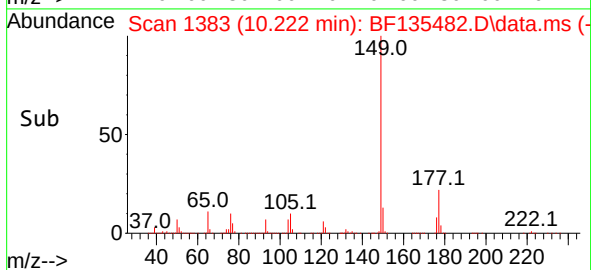
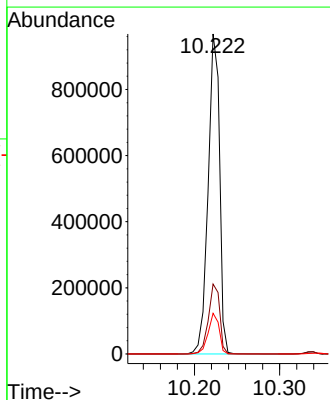
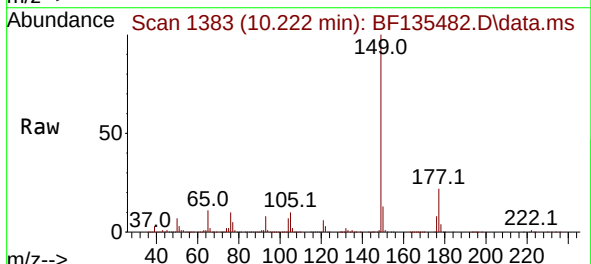
Manual Integrations  
APPROVED

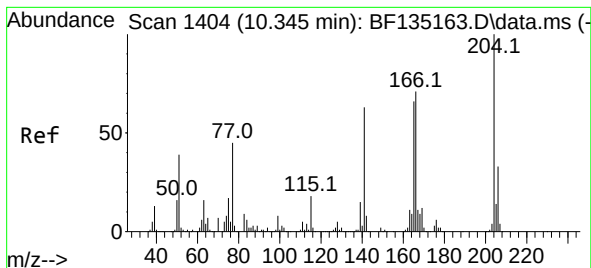
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#60  
Diethylphthalate  
Concen: 46.550 ng  
RT: 10.222 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

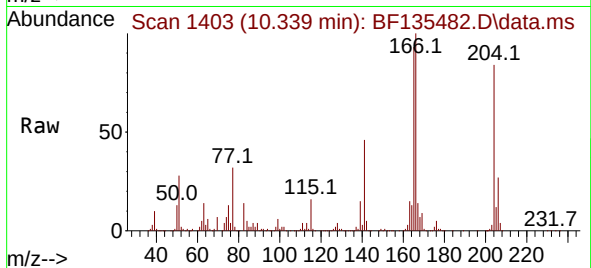
Tgt Ion:149 Resp: 903584  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.8 26.6  
150 12.7 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 44.042 ng  
RT: 10.339 min Scan# 1404  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

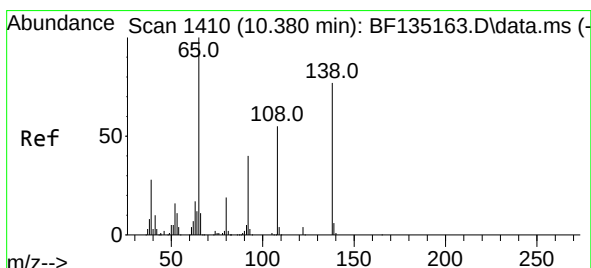
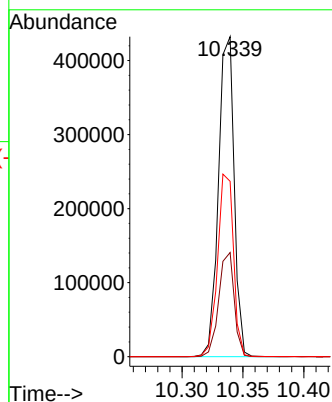
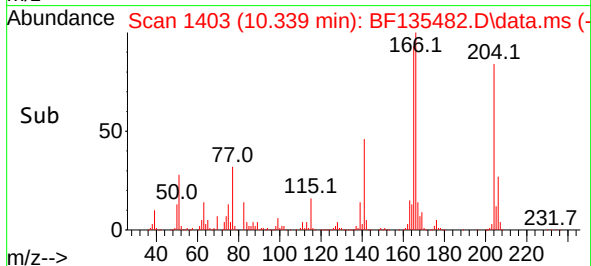
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:204 Resp: 388679  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.7 40.1  
141 54.8 50.6 75.8

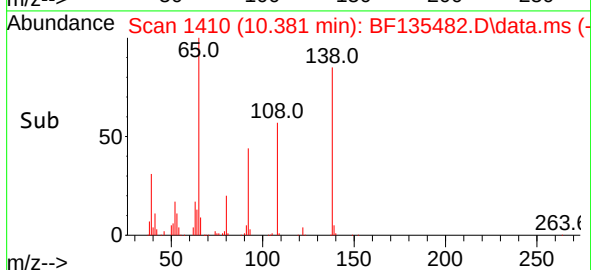
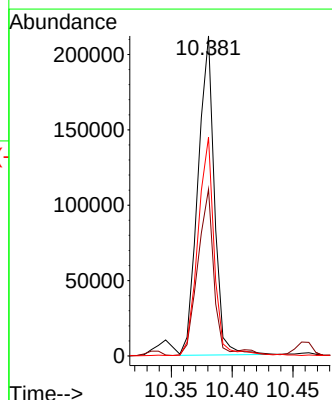
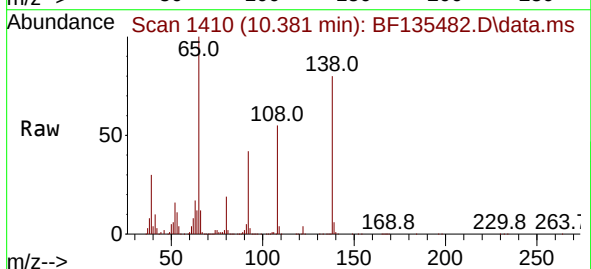
Manual Integrations  
APPROVED

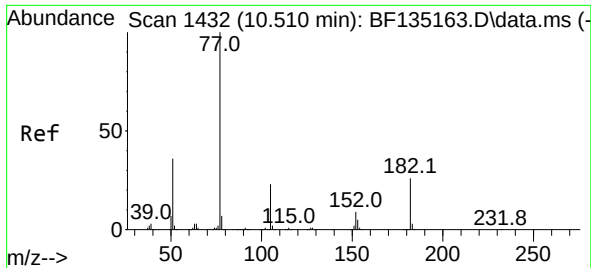
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#62  
4-Nitroaniline  
Concen: 41.585 ng  
RT: 10.381 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion:138 Resp: 198813  
Ion Ratio Lower Upper  
138 100  
92 52.1 31.8 71.8  
108 68.3 52.0 92.0





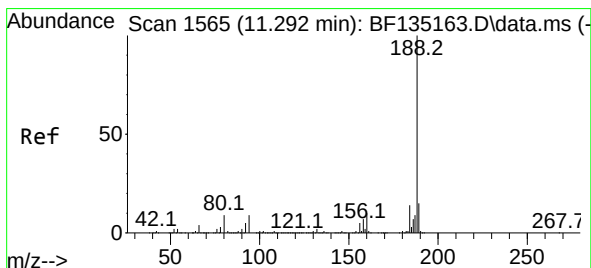
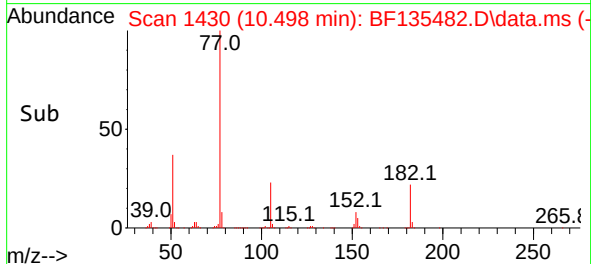
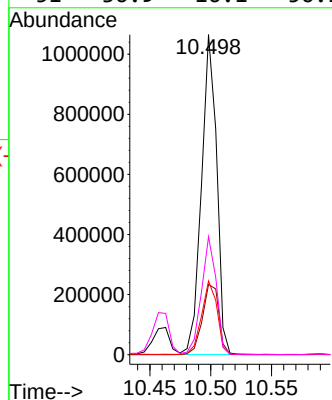
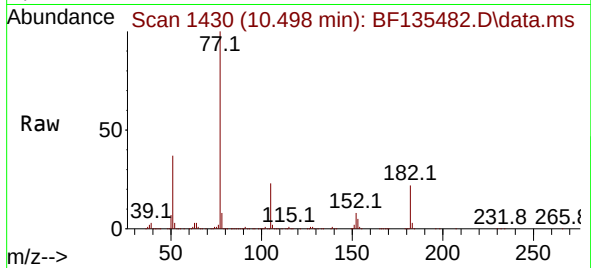
#63  
Azobenzene  
Concen: 48.785 ng  
RT: 10.498 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS

Tgt Ion: 77 Resp: 926785  
Ion Ratio Lower Upper  
77 100  
182 21.9 6.4 46.4  
105 23.0 3.1 43.1  
51 36.9 16.1 56.1

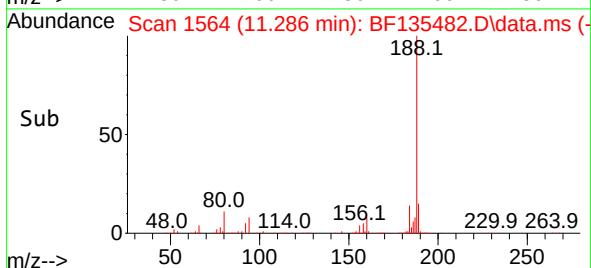
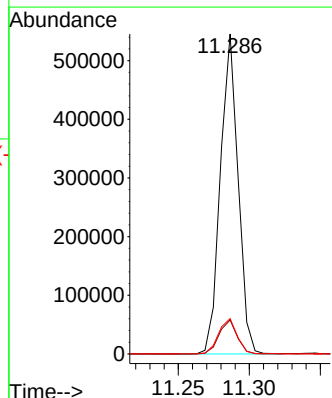
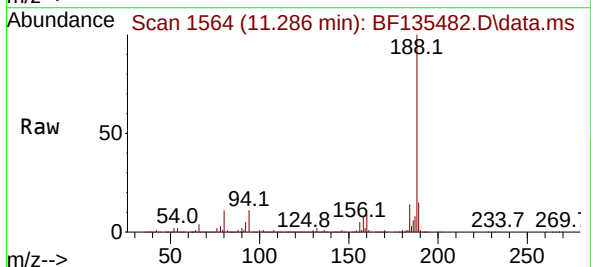
Manual Integrations  
APPROVED

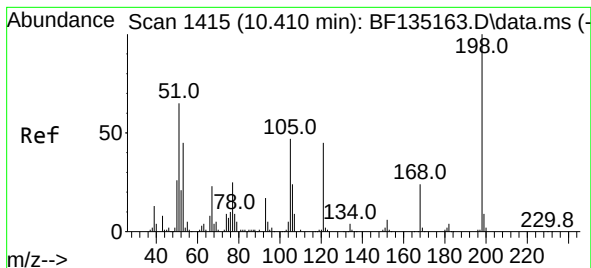
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.286 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

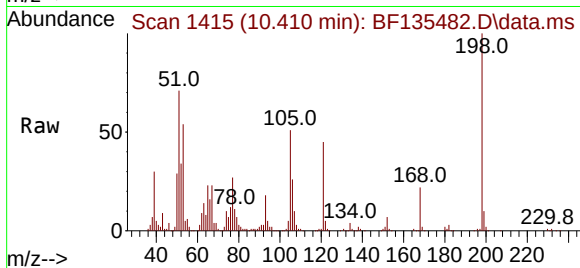
Tgt Ion:188 Resp: 472764  
Ion Ratio Lower Upper  
188 100  
94 10.6 7.0 10.6#  
80 11.1 7.5 11.3





#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.497 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

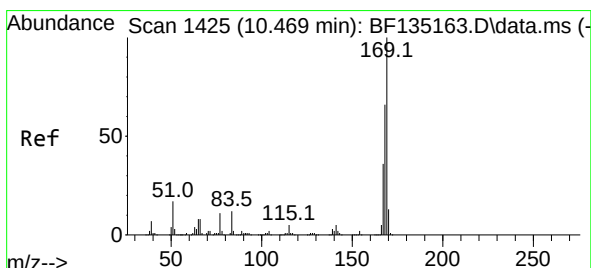
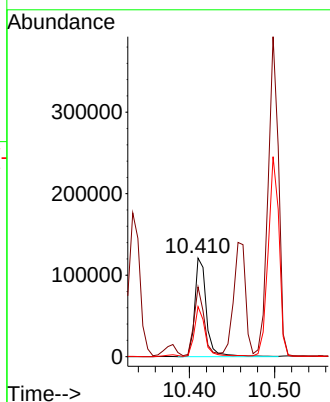
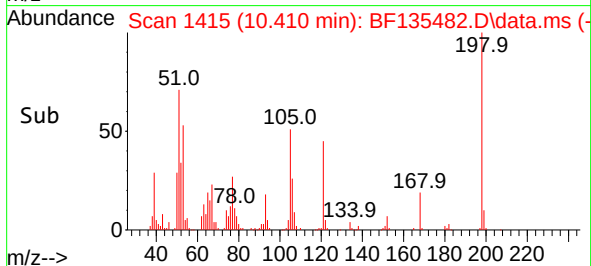
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



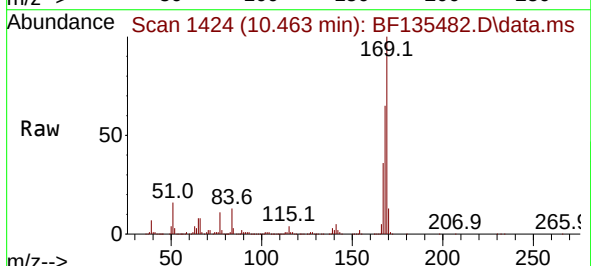
Tgt Ion:198 Resp: 11424  
Ion Ratio Lower Upper  
198 100  
51 70.8 47.7 87.7  
105 50.8 27.4 67.4

Manual Integrations  
APPROVED

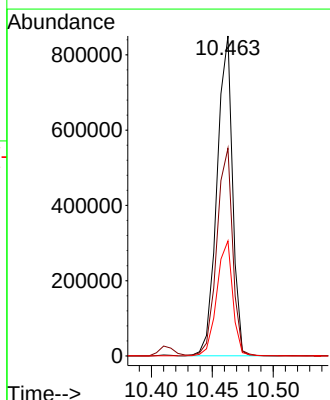
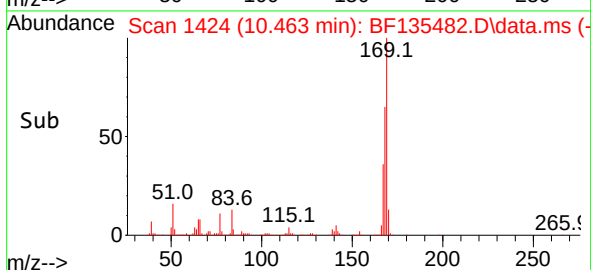
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

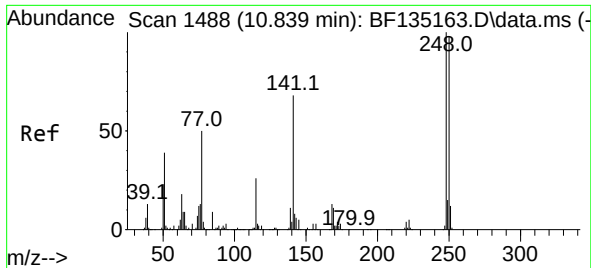


#66  
n-Nitrosodiphenylamine  
Concen: 52.914 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07



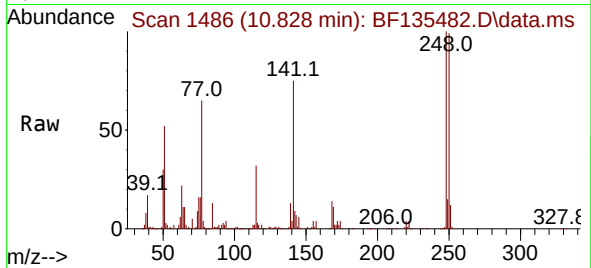
Tgt Ion:169 Resp: 757352  
Ion Ratio Lower Upper  
169 100  
168 64.9 52.8 79.2  
167 36.0 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 50.830 ng  
RT: 10.828 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

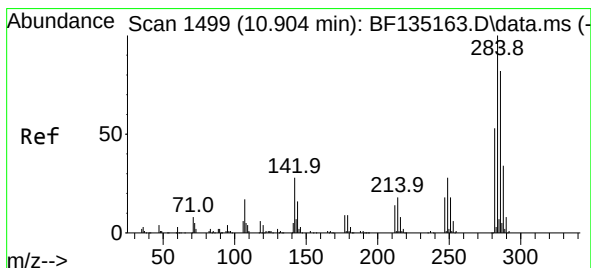
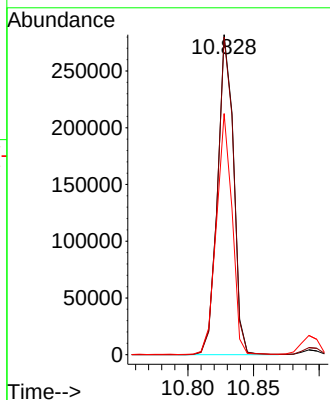
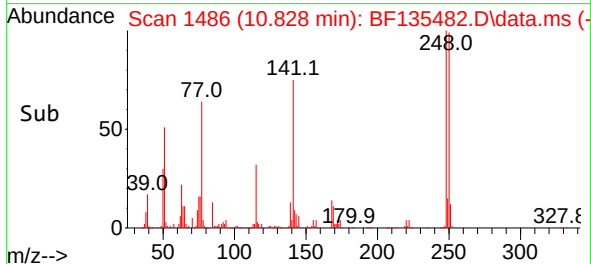
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



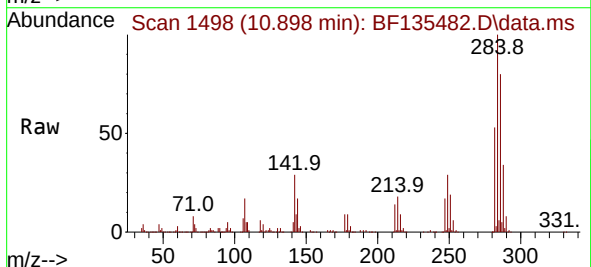
Tgt Ion:248 Resp: 23900  
Ion Ratio Lower Upper  
248 100  
250 99.3 78.6 117.8  
141 75.4 54.2 81.2

Manual Integrations  
APPROVED

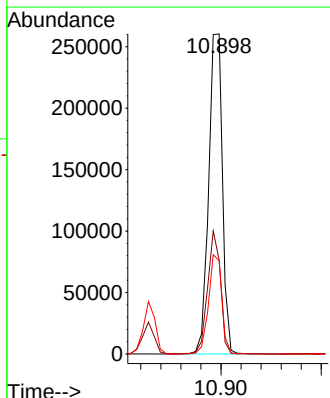
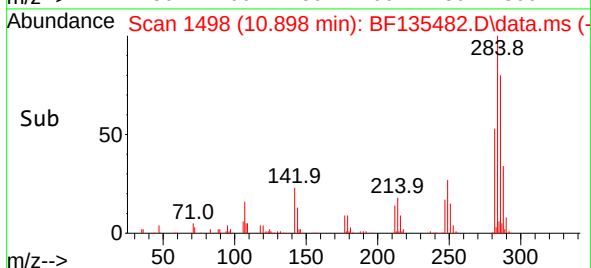
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

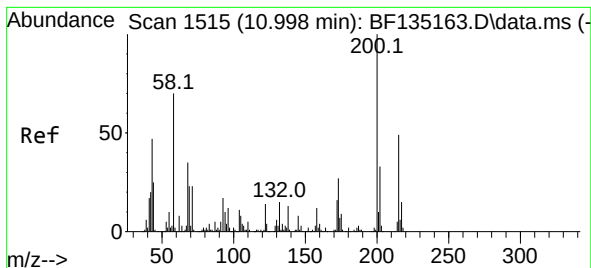


#68  
Hexachlorobenzene  
Concen: 51.955 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07



Tgt Ion:284 Resp: 248879  
Ion Ratio Lower Upper  
284 100  
142 29.3 22.2 33.4  
249 29.1 22.5 33.7





#69

Atrazine

Concen: 57.667 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

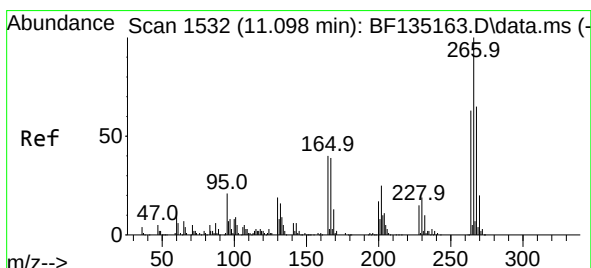
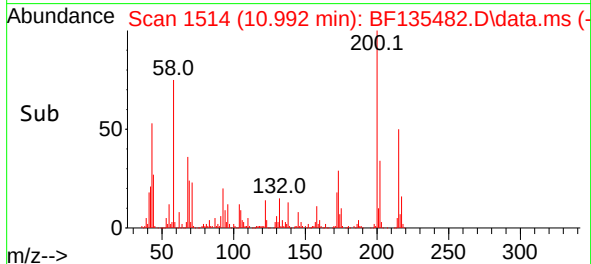
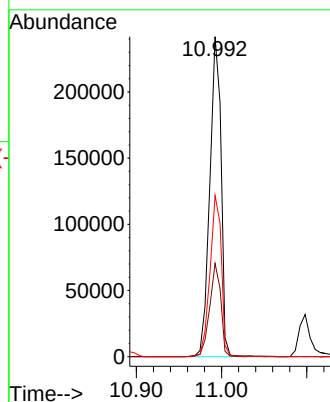
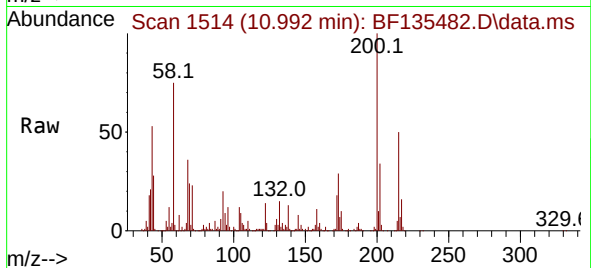
Tgt Ion:200 Resp: 222084  
 Ion Ratio Lower Upper  
 200 100  
 173 29.1 7.4 47.4  
 215 50.3 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#70

Pentachlorophenol

Concen: 68.146 ng

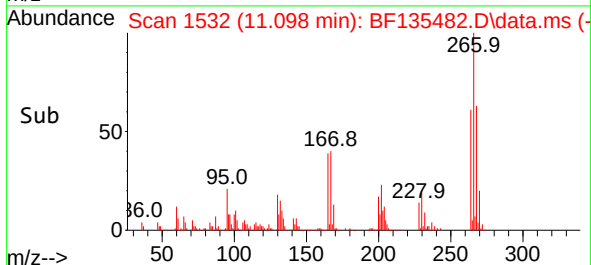
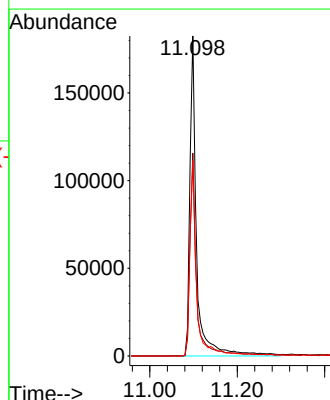
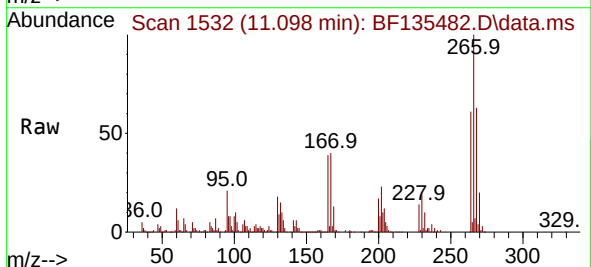
RT: 11.098 min Scan# 1532

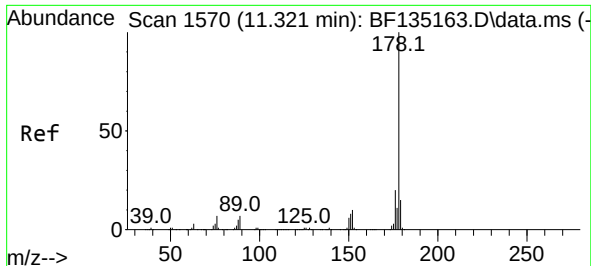
Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion:266 Resp: 195307  
 Ion Ratio Lower Upper  
 266 100  
 268 63.3 52.1 78.1  
 264 61.0 50.8 76.2





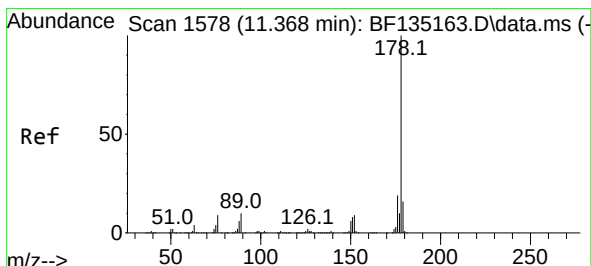
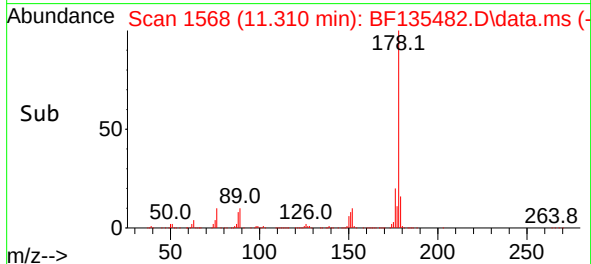
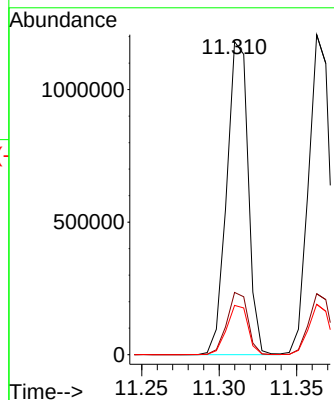
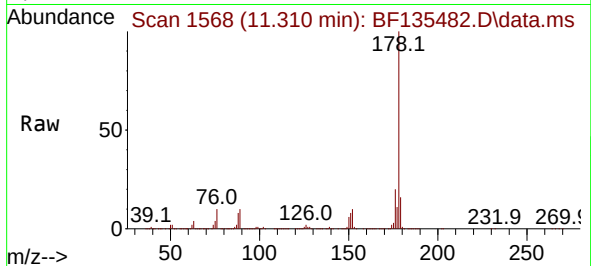
#71  
Phenanthrene  
Concen: 50.897 ng  
RT: 11.310 min Scan# 113804  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS

Tgt Ion:178 Resp: 113804  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.6 23.4  
179 15.8 12.0 18.0

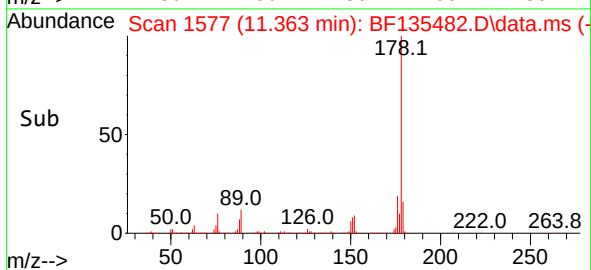
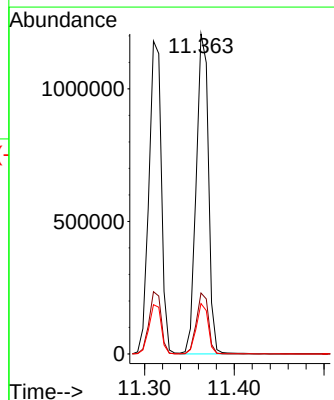
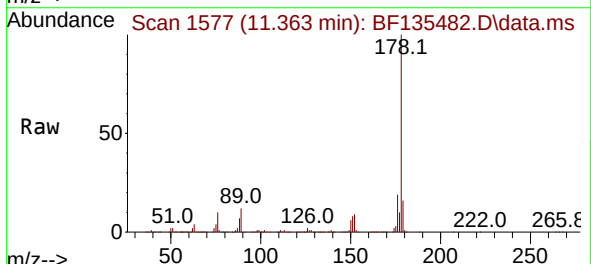
Manual Integrations  
APPROVED

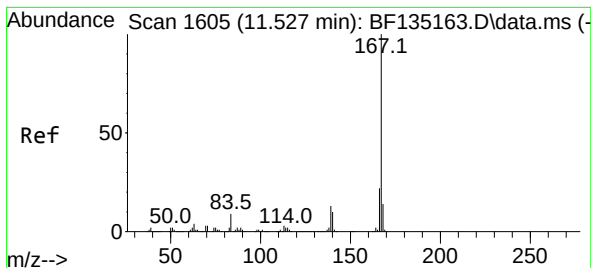
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#72  
Anthracene  
Concen: 49.706 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion:178 Resp: 1142420  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.2  
179 15.7 12.6 19.0





#73

Carbazole

Concen: 48.836 ng

RT: 11.528 min Scan# 1605

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion:167 Resp: 1021762

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

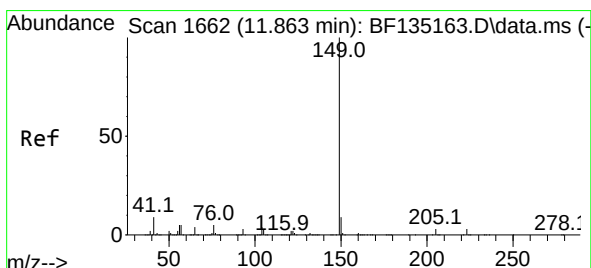
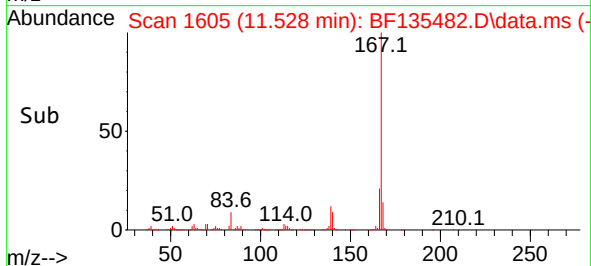
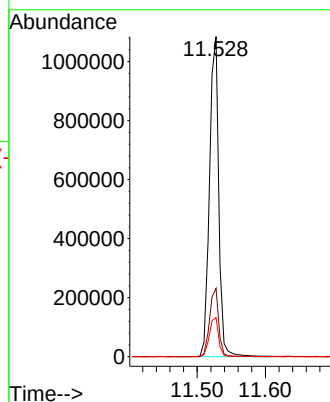
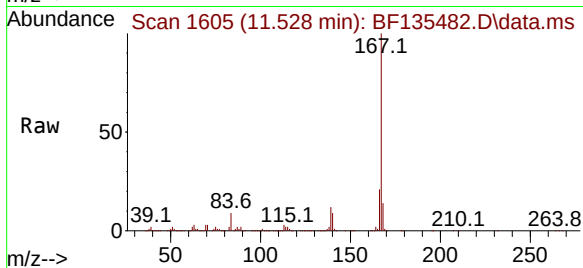
139 12.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#74

Di-n-butylphthalate

Concen: 52.931 ng

RT: 11.857 min Scan# 1661

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

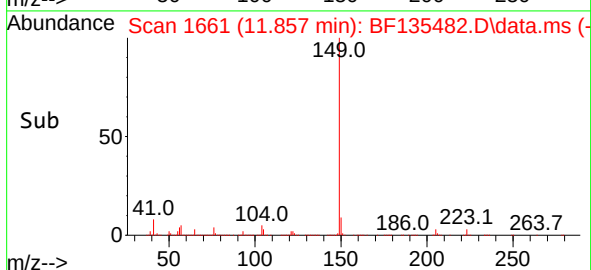
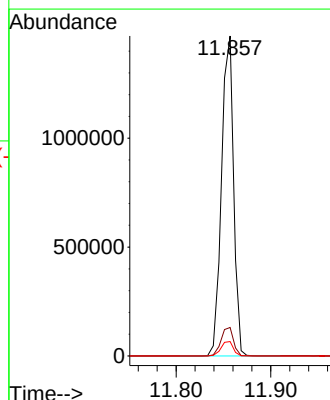
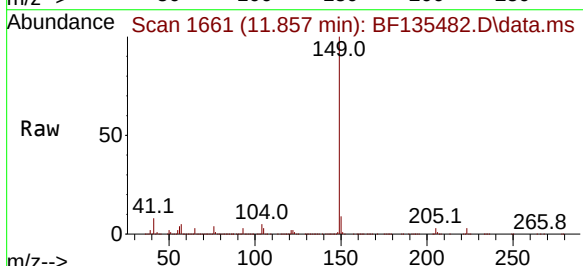
Tgt Ion:149 Resp: 1304947

Ion Ratio Lower Upper

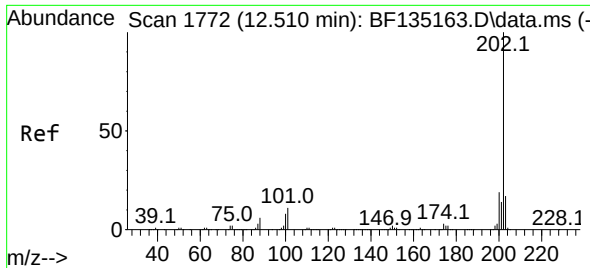
149 100

150 8.9 7.4 11.0

104 4.5 3.6 5.4

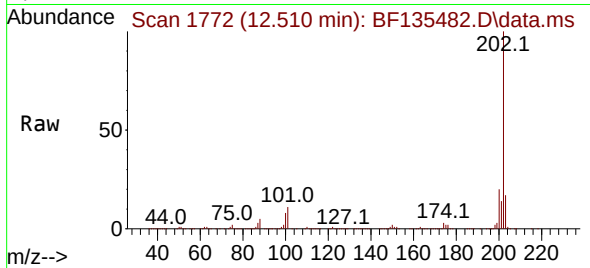






#75  
Fluoranthene  
Concen: 45.330 ng  
RT: 12.510 min Scan# 1772  
Delta R.T. 0.006 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

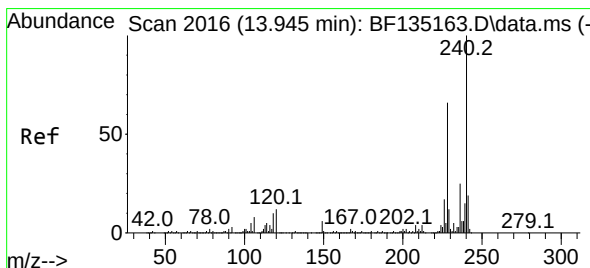
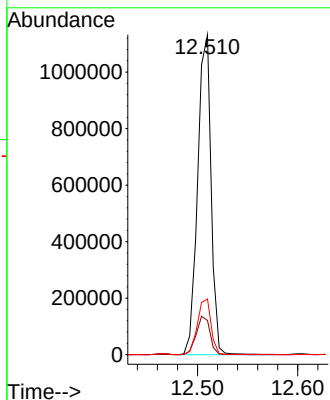
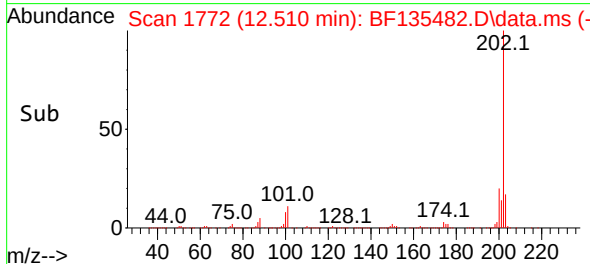
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion:202 Resp: 105612  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 31.3  
203 17.4 0.0 37.4

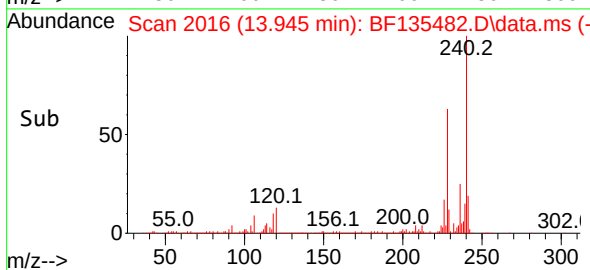
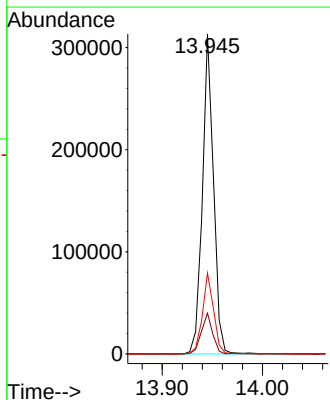
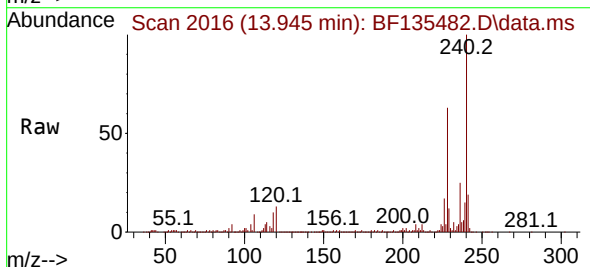
Manual Integrations  
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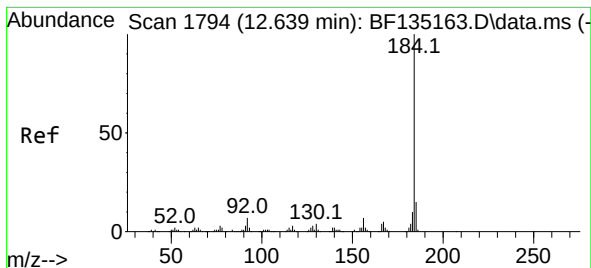
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 1616  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion:240 Resp: 242583  
Ion Ratio Lower Upper  
240 100  
120 12.8 9.4 14.2  
236 25.3 19.8 29.8





#77

Benzidine

Concen: 82.094 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

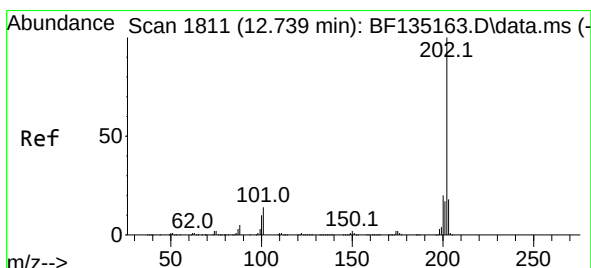
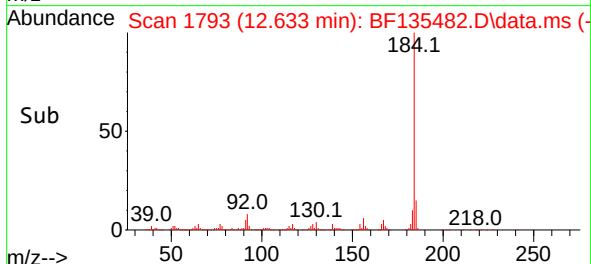
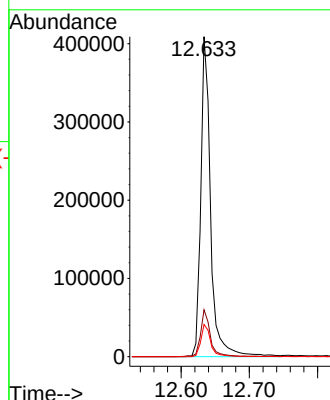
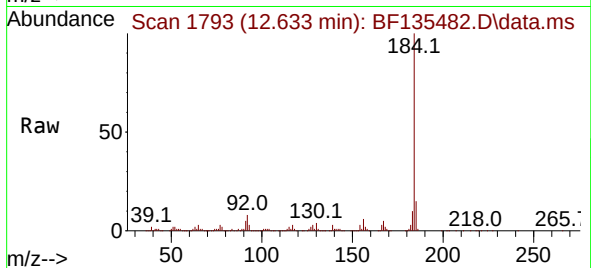
Tgt Ion:184 Resp: 407985  
 Ion Ratio Lower Upper  
 184 100  
 185 14.6 11.7 17.5  
 183 10.1 8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#78

Pyrene

Concen: 45.548 ng

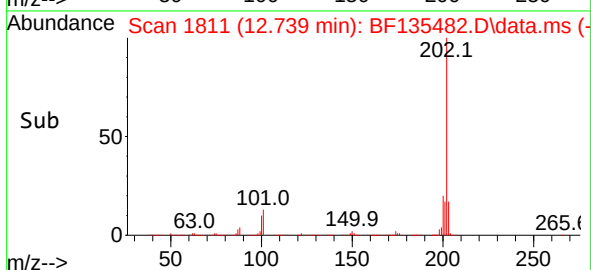
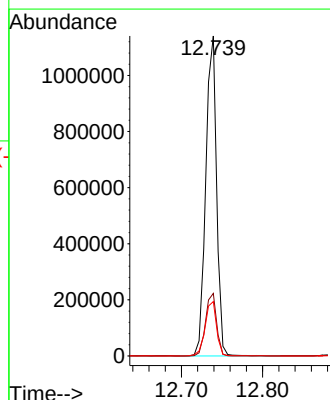
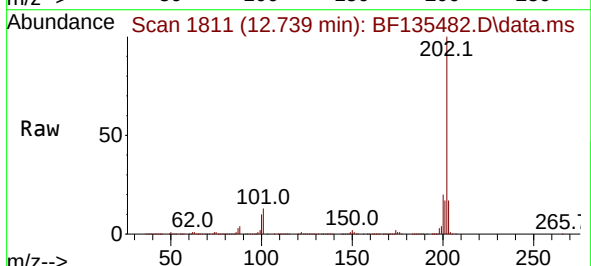
RT: 12.739 min Scan# 1811

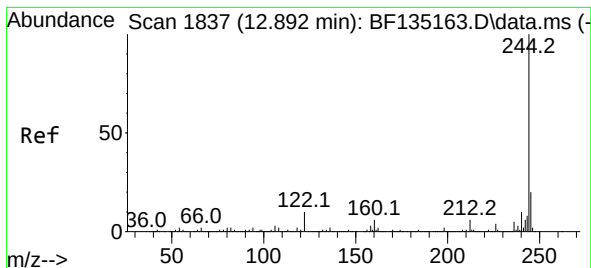
Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion:202 Resp: 1051976  
 Ion Ratio Lower Upper  
 202 100  
 200 19.6 16.2 24.2  
 203 17.0 14.2 21.4





#79

Terphenyl-d14

Concen: 64.643 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion:244 Resp: 101156

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

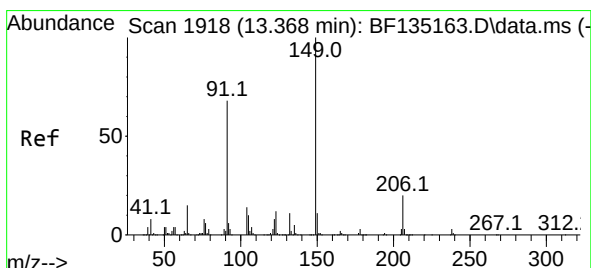
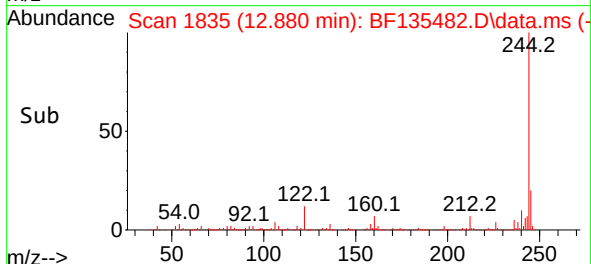
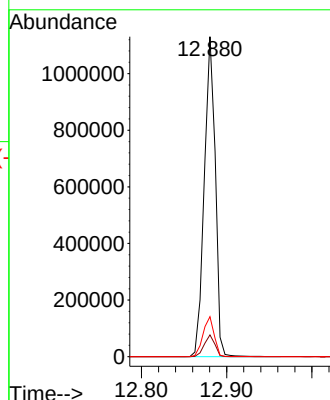
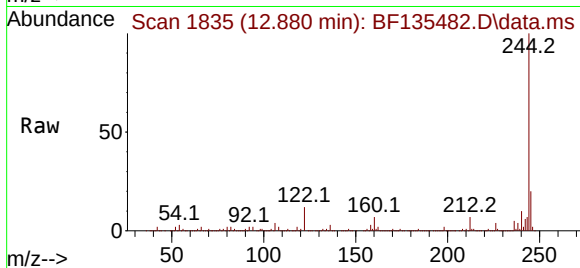
122 12.5 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#80

Butylbenzylphthalate

Concen: 50.843 ng

RT: 13.363 min Scan# 1917

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

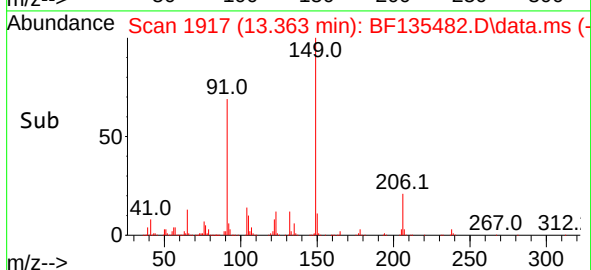
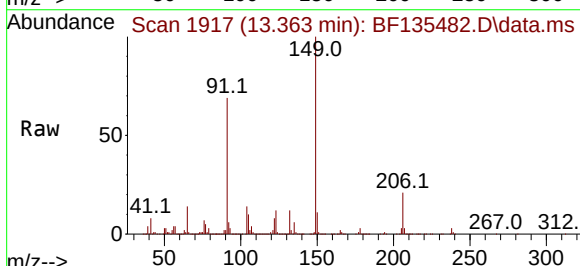
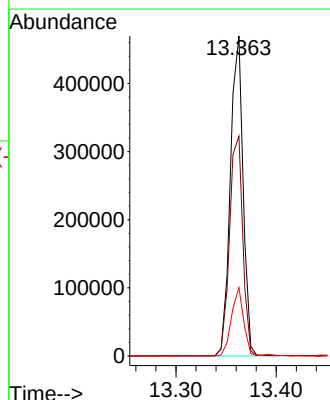
Tgt Ion:149 Resp: 413440

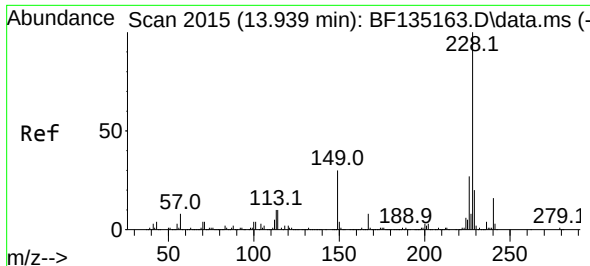
Ion Ratio Lower Upper

149 100

91 68.7 54.7 82.1

206 21.3 16.3 24.5





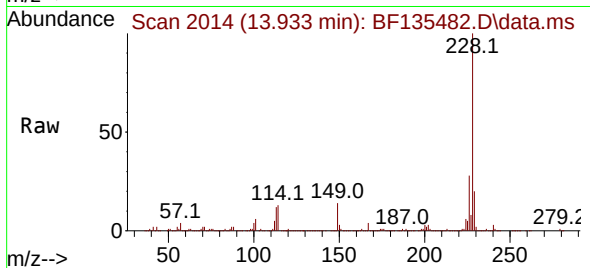
#81  
Benzo(a)anthracene  
Concen: 51.518 ng  
RT: 13.933 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

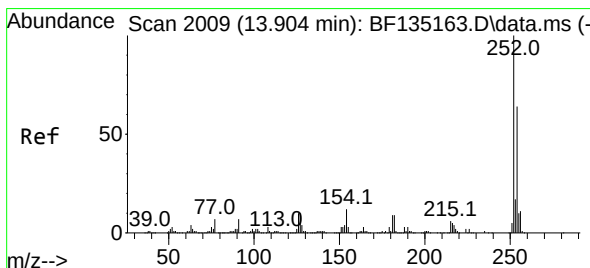
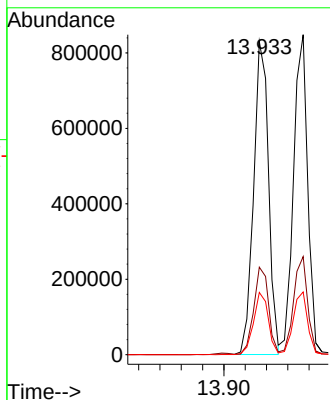
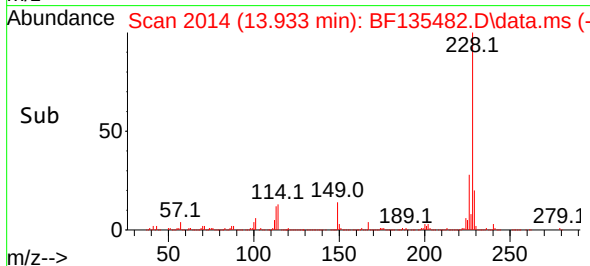


Tgt Ion:228 Resp: 806990  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.7 32.5  
229 19.9 15.8 23.8

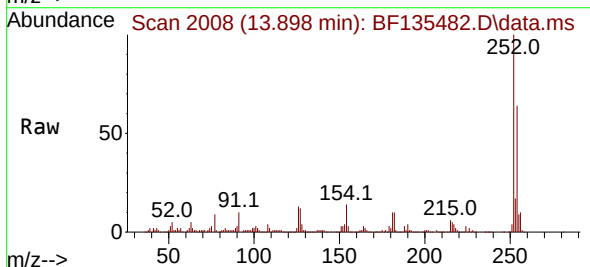
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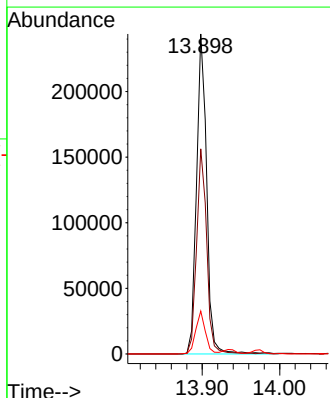
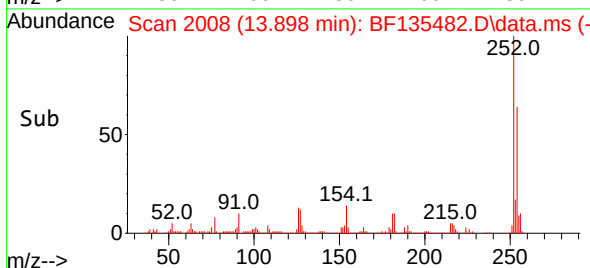
Reviewed By :Yogesh Patel 09/28/2023  
Supervised By :Jagrut Upadhyay 09/28/2023

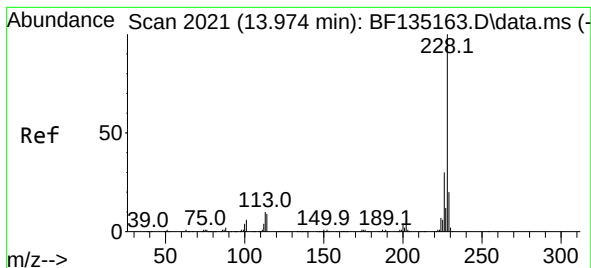


#82  
3,3'-Dichlorobenzidine  
Concen: 45.256 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07



Tgt Ion:252 Resp: 221430  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.0 76.4  
126 13.4 7.8 11.8





#83

Chrysene

Concen: 50.607 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

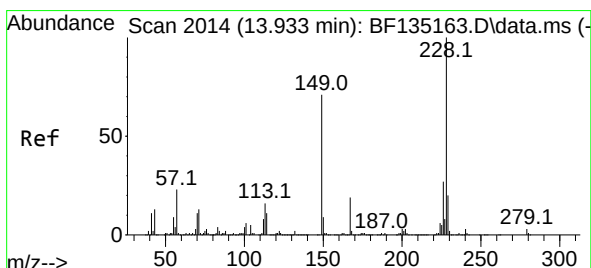
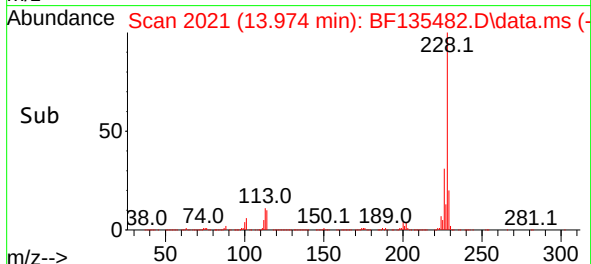
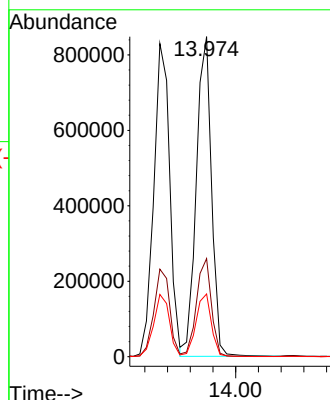
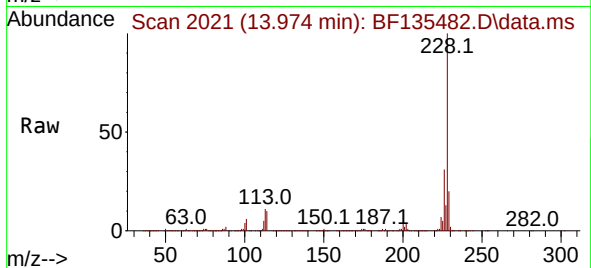
Tgt Ion:228 Resp: 788139  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 24.3 36.5  
 229 19.6 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.193 ng

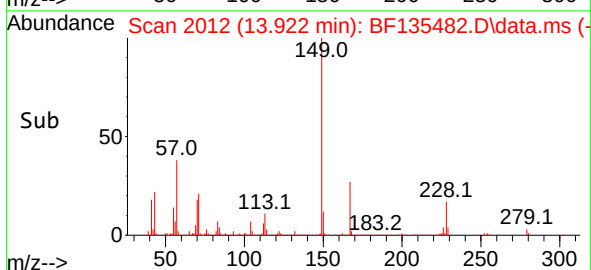
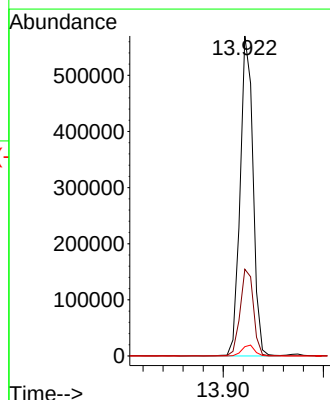
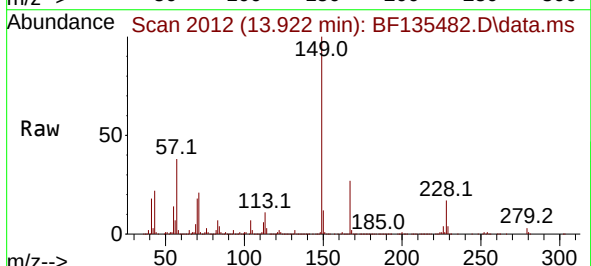
RT: 13.922 min Scan# 2012

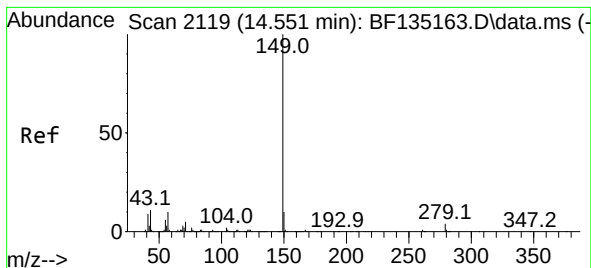
Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Tgt Ion:149 Resp: 510626  
 Ion Ratio Lower Upper  
 149 100  
 167 27.1 21.9 32.9  
 279 2.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 72.205 ng

RT: 14.539 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion:149 Resp: 957500

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

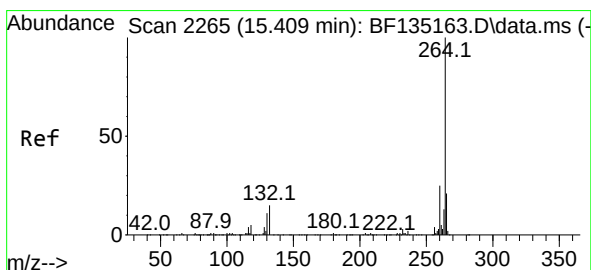
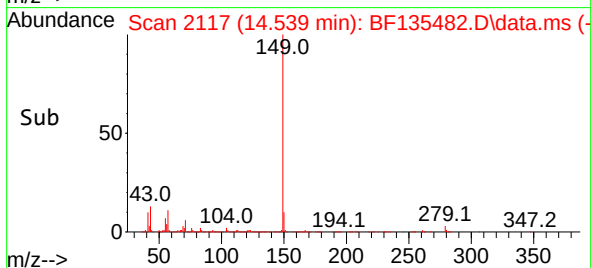
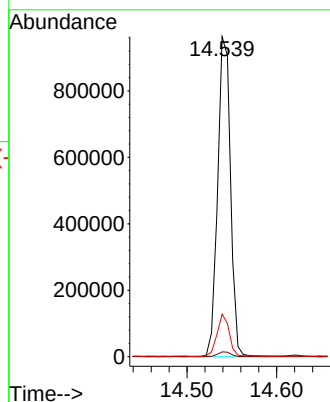
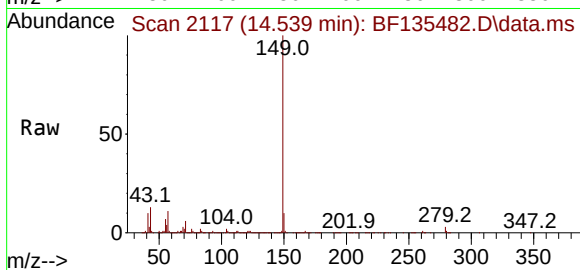
43 12.5 9.8 14.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

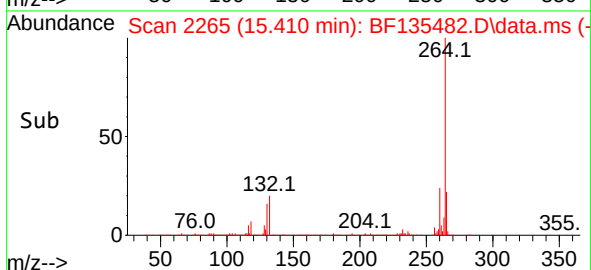
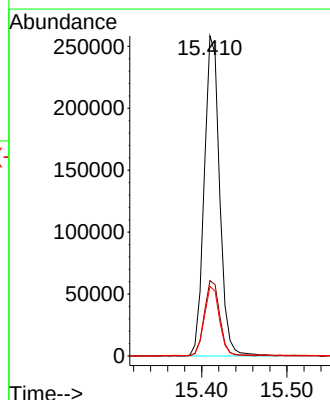
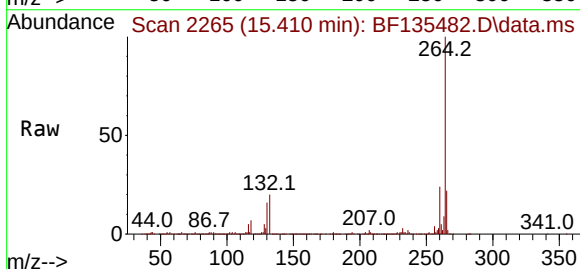
Tgt Ion:264 Resp: 324121

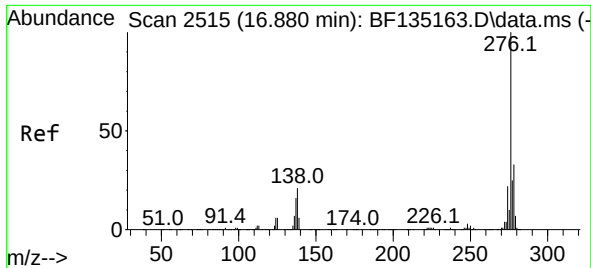
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

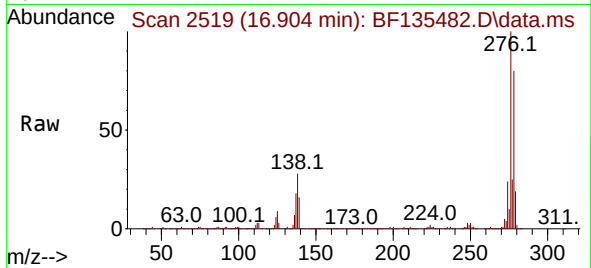
265 21.8 17.0 25.4





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.967 ng  
 RT: 16.904 min Scan# 2193  
 Delta R.T. 0.018 min  
 Lab File: BF135482.D  
 Acq: 27 Sep 2023 20:07

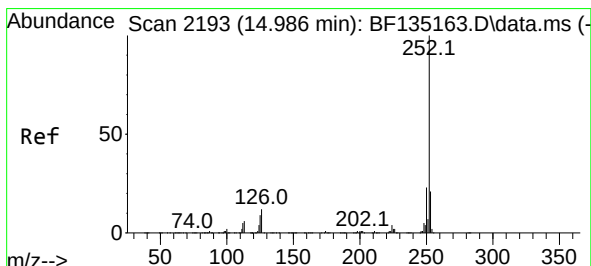
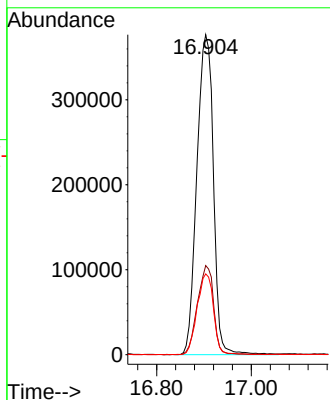
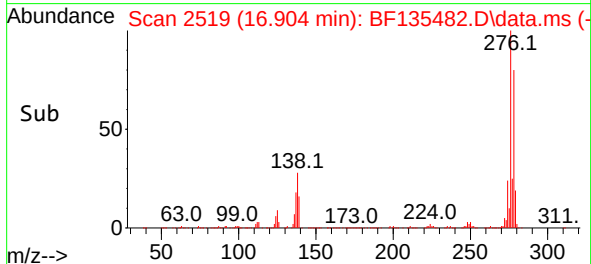
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1MS



Tgt Ion:276 Resp: 913109  
 Ion Ratio Lower Upper  
 276 100  
 138 27.3 19.2 28.8  
 277 25.1 19.7 29.5

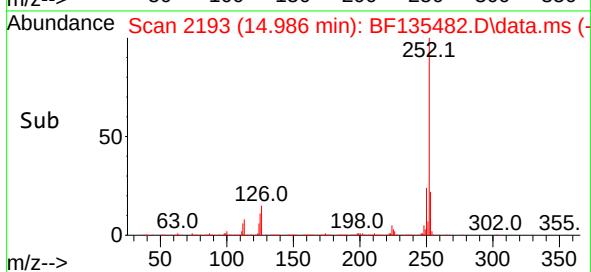
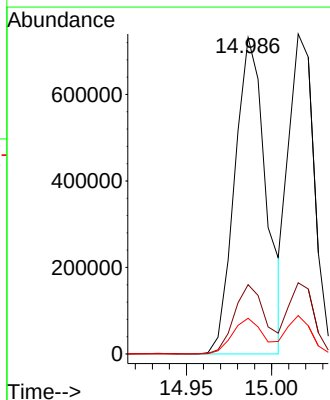
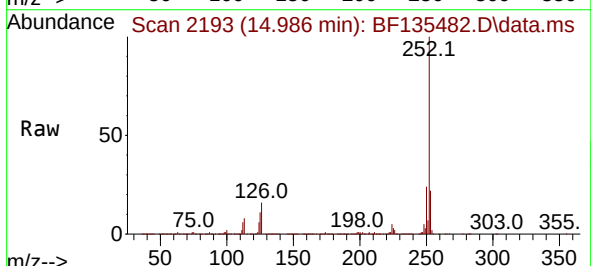
Manual Integrations  
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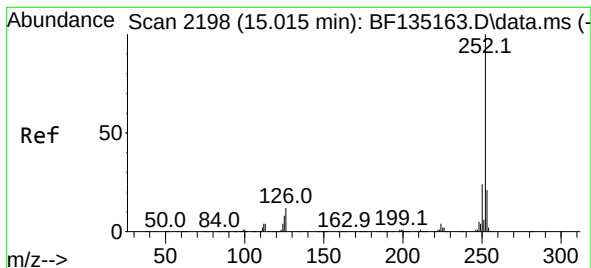
Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :Jagrut Upadhyay 09/28/2023



#88  
 Benzo(b)fluoranthene  
 Concen: 53.419 ng  
 RT: 14.986 min Scan# 2193  
 Delta R.T. 0.006 min  
 Lab File: BF135482.D  
 Acq: 27 Sep 2023 20:07

Tgt Ion:252 Resp: 937274  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.2 25.8  
 125 11.3 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 44.717 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

Instrument :

BNA\_F

ClientSampleId :

TP-1MS

Tgt Ion:252 Resp: 77504

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

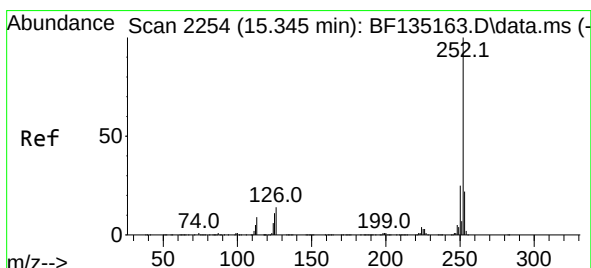
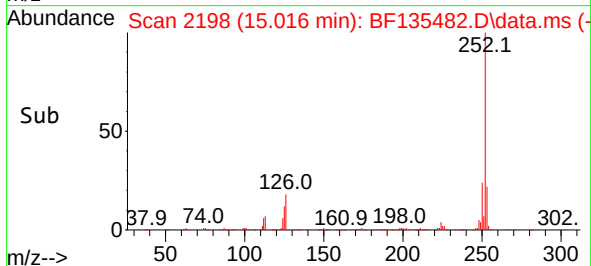
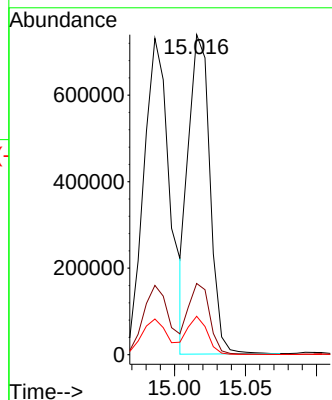
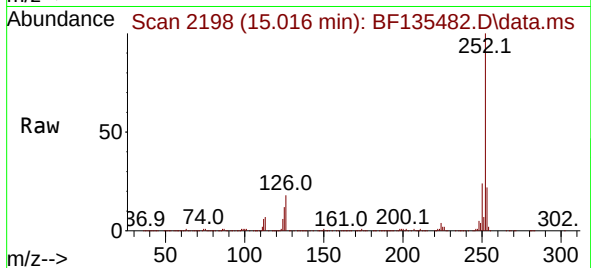
125 12.0 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/28/2023

Supervised By :Jagrut Upadhyay 09/28/2023



#90

Benzo(a)pyrene

Concen: 48.644 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135482.D

Acq: 27 Sep 2023 20:07

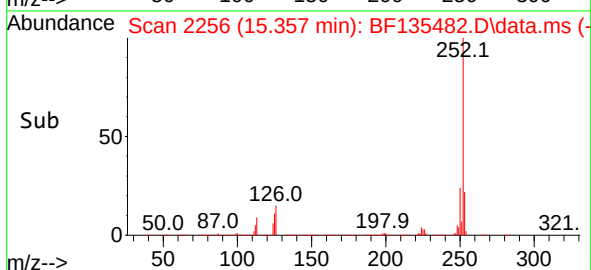
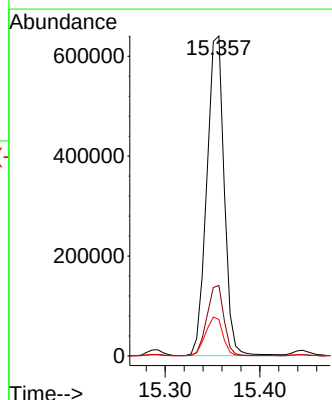
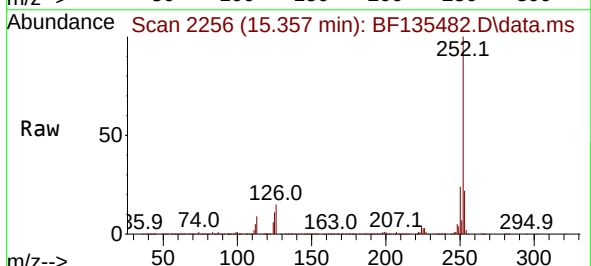
Tgt Ion:252 Resp: 813931

Ion Ratio Lower Upper

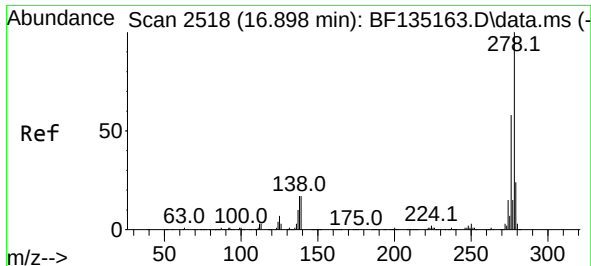
252 100

253 22.0 17.5 26.3

125 11.4 9.2 13.8

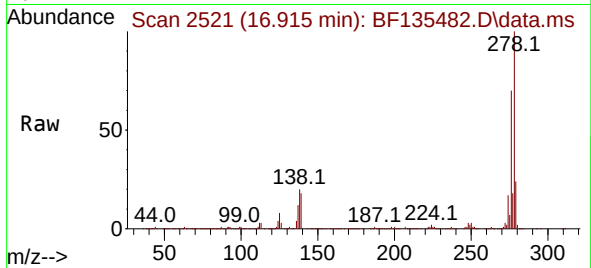






#91  
Dibenzo(a,h)anthracene  
Concen: 42.900 ng  
RT: 16.915 min Scan# 2518  
Delta R.T. 0.018 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

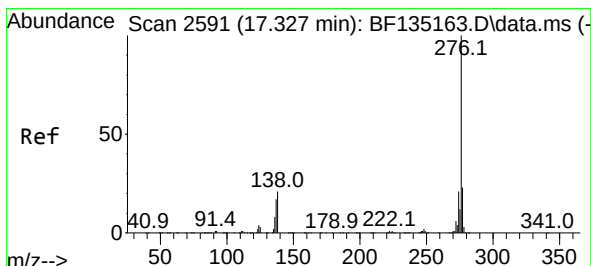
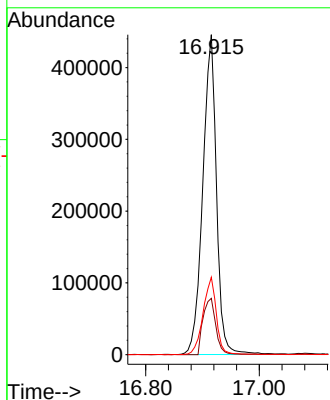
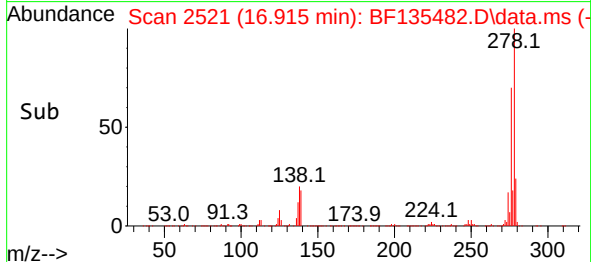
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1MS



Tgt Ion: 278 Resp: 74595  
Ion Ratio Lower Upper  
278 100  
139 17.6 13.4 20.0  
279 24.2 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By : Yogesh Patel 09/28/2023  
Supervised By : Jagrut Upadhyay 09/28/2023



#92  
Benzo(g,h,i)perylene  
Concen: 38.781 ng  
RT: 17.351 min Scan# 2595  
Delta R.T. 0.018 min  
Lab File: BF135482.D  
Acq: 27 Sep 2023 20:07

Tgt Ion: 276 Resp: 704250  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.8 28.2  
138 23.2 16.9 25.3

