

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052523\  
 Data File : BF133489.D  
 Acq On : 25 May 2023 14:08  
 Operator : CG\JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/26/2023  
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 25 23:22:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 25 23:12:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 176898   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 618390   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.880  | 164  | 287417   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 551496   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.015 | 240  | 341147   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 305572   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 1143740  | 107.875 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.475  | 99   | 1403448  | 107.530 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 1275508  | 137.719 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.674 | 330  | 353900   | 123.524 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 1972426  | 105.920 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 2173574  | 113.282 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.581  | 88   | 268637   | 56.102  | ng    | 98       |
| 3) Pyridine                   | 3.322  | 79   | 769898   | 57.343  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.298  | 42   | 429698   | 58.685  | ng    | 99       |
| 6) Aniline                    | 6.516  | 93   | 983563   | 55.502  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.628  | 128  | 571300   | 54.685  | ng    | 100      |
| 9) Benzaldehyde               | 6.392  | 77   | 359359   | 59.227  | ng    | 96       |
| 10) Phenol                    | 6.492  | 94   | 718947m  | 54.910  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 589326   | 54.440  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 618020   | 53.286  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.863  | 146  | 622650   | 53.548  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.016  | 146  | 553348   | 51.569  | ng    | 100      |
| 15) Benzyl Alcohol            | 6.986  | 79   | 544612   | 54.962  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 1131171  | 55.094  | ng    | 100      |
| 17) 2-Methylphenol            | 7.092  | 107  | 543255   | 54.912  | ng    | 99       |
| 18) Hexachloroethane          | 7.357  | 117  | 231073   | 57.470  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 448773   | 53.143  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.251  | 107  | 593367   | 53.051  | ng    | 93       |
| 22) Acetophenone              | 7.257  | 105  | 741169   | 52.045  | ng    | # 92     |
| 24) Nitrobenzene              | 7.434  | 77   | 654697   | 66.343  | ng    | 99       |
| 25) Isophorone                | 7.669  | 82   | 1243212  | 57.596  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.745  | 139  | 286451   | 61.830  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 510643   | 55.601  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.881  | 93   | 681124   | 54.418  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 485136   | 58.713  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 493289   | 55.194  | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 1622893  | 54.132  | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 377951m  | 59.897  | ng    |          |
| 33) 4-Chloroaniline           | 8.198  | 127  | 708191   | 55.114  | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 303851   | 55.891  | ng    | 100      |
| 35) Caprolactam               | 8.592  | 113  | 168071m  | 62.022  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.675  | 107  | 533466   | 57.635  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 1089063  | 53.204  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 1015395  | 53.215  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 464727   | 54.554  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 287092   | 65.764  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 331851   | 60.879  | ng    | 99       |

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 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

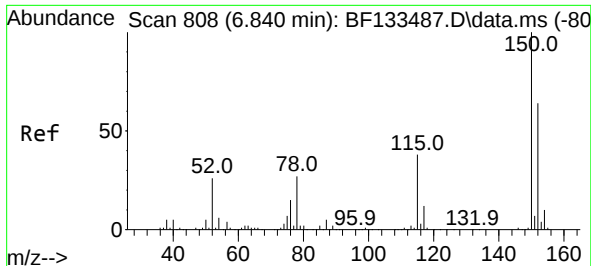
Reviewed By : Christian Giraldo 05/26/2023  
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 25 23:22:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.151  | 196  | 379252   | 59.943 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 1245468  | 53.336 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 929762   | 54.939 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.427  | 65   | 345419   | 62.277 | ng    | 98       |
| 49) Acenaphthylene            | 9.745  | 152  | 1590244  | 55.063 | ng    | 99       |
| 50) Dimethylphthalate         | 9.616  | 163  | 1151552  | 57.006 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 245323   | 62.655 | ng    | 98       |
| 52) Acenaphthene              | 9.922  | 154  | 971383   | 55.525 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.839  | 138  | 307937   | 62.896 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.939  | 184  | 109591   | 62.495 | ng    | 93       |
| 55) Dibenzofuran              | 10.092 | 168  | 1392948  | 53.518 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.992  | 139  | 241099   | 69.760 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 303002   | 62.024 | ng    | 91       |
| 58) Fluorene                  | 10.433 | 166  | 988975   | 51.862 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 294938   | 61.897 | ng    | 100      |
| 60) Diethylphthalate          | 10.310 | 149  | 1185103  | 56.513 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204  | 480057   | 52.429 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.463 | 138  | 303340   | 61.616 | ng    | 97       |
| 63) Azobenzene                | 10.586 | 77   | 1176574  | 56.051 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.480 | 198  | 145085   | 61.368 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 963282   | 53.801 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 321756   | 54.936 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.974 | 284  | 340646   | 55.618 | ng    | 96       |
| 69) Atrazine                  | 11.074 | 200  | 272029   | 55.374 | ng    | 99       |
| 70) Pentachlorophenol         | 11.169 | 266  | 241542   | 65.955 | ng    | 99       |
| 71) Phenanthrene              | 11.398 | 178  | 1486713  | 53.225 | ng    | 99       |
| 72) Anthracene                | 11.451 | 178  | 1538145  | 53.504 | ng    | 99       |
| 73) Carbazole                 | 11.604 | 167  | 1475248  | 54.262 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 1797818  | 55.922 | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 1666341  | 54.007 | ng    | 98       |
| 77) Benzidine                 | 12.704 | 184  | 442377   | 44.336 | ng    | 98       |
| 78) Pyrene                    | 12.816 | 202  | 1706667  | 58.790 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.439 | 149  | 741746   | 64.578 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 1251545  | 55.071 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.968 | 252  | 401275   | 56.483 | ng    | 98       |
| 83) Chrysene                  | 14.045 | 228  | 1303960  | 56.837 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 880567   | 61.333 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.615 | 149  | 1536215  | 64.232 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.933 | 276  | 1269498  | 65.221 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 1177886  | 59.196 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 1083896  | 55.865 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.415 | 252  | 1065930  | 58.872 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.956 | 278  | 1017587  | 64.480 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.380 | 276  | 1064249  | 66.880 | ng    | 99       |

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





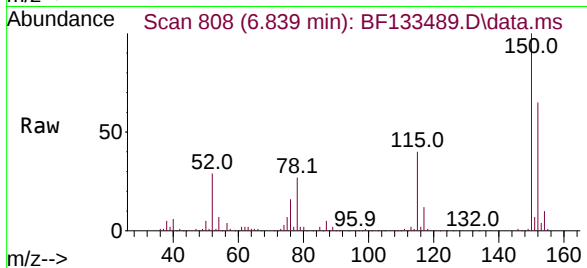
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

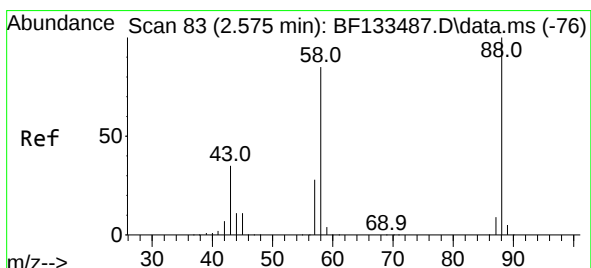
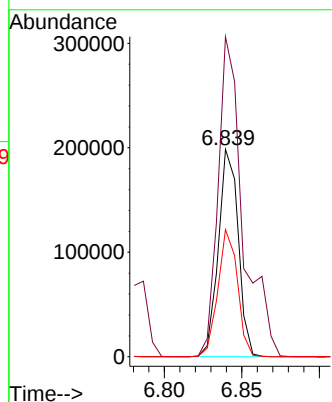
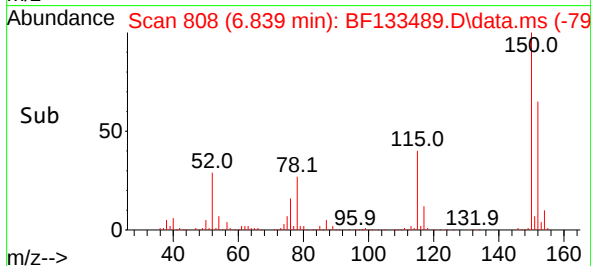


Tgt Ion:152 Resp: 176898  
Ion Ratio Lower Upper  
152 100  
150 154.3 124.9 187.3  
115 61.3 48.1 72.1

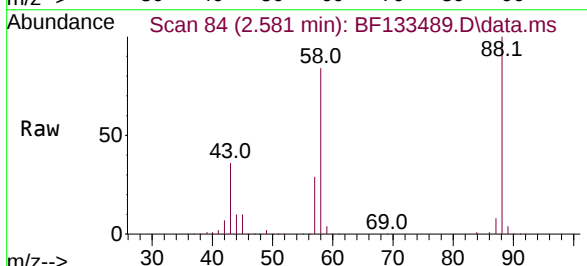
Manual Integrations

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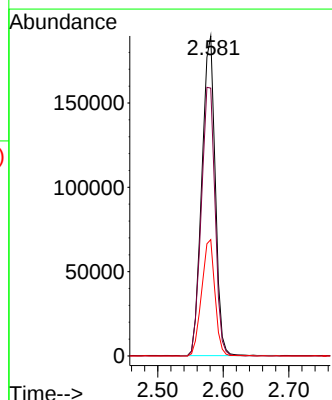
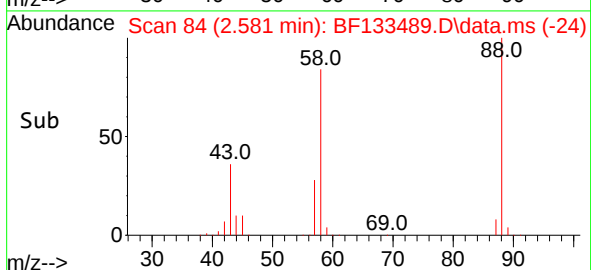
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

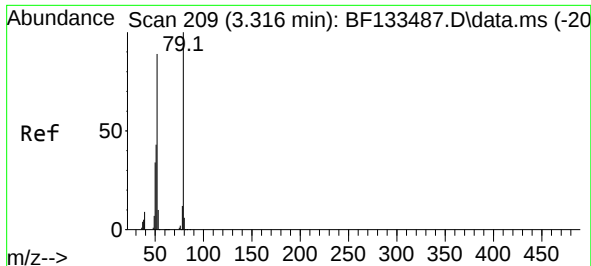


#2  
1,4-Dioxane  
Concen: 56.102 ng  
RT: 2.581 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion: 88 Resp: 268637  
Ion Ratio Lower Upper  
88 100  
58 86.9 67.7 101.5  
43 36.5 28.2 42.4





#3

Pyridine

Concen: 57.343 ng

RT: 3.322 min Scan# 210

Delta R.T. 0.006 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 769898

Ion Ratio Lower Upper

79 100

52 87.8 71.3 106.9

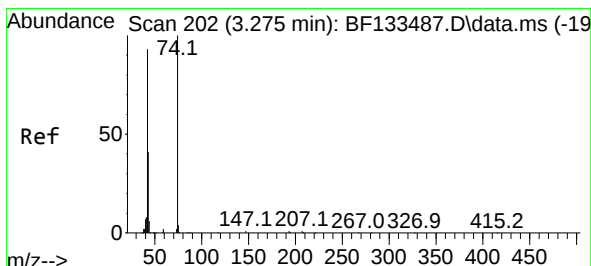
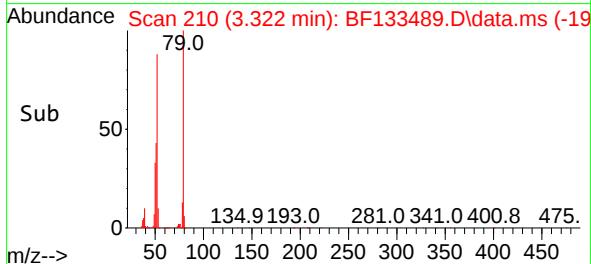
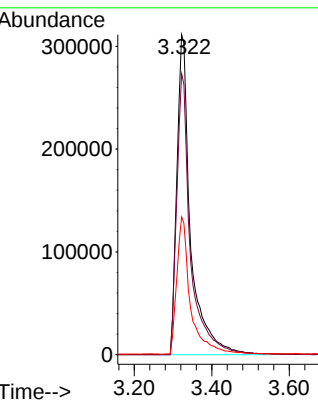
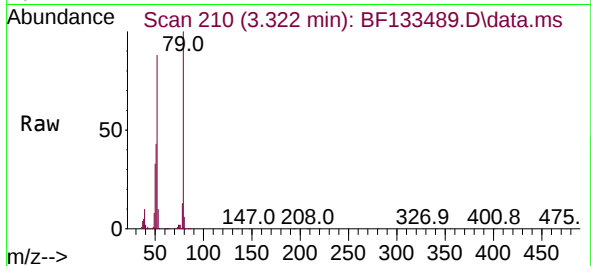
51 43.0 34.4 51.6

Manual Integrations

APPROVED

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#4

n-Nitrosodimethylamine

Concen: 58.685 ng

RT: 3.298 min Scan# 206

Delta R.T. 0.023 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

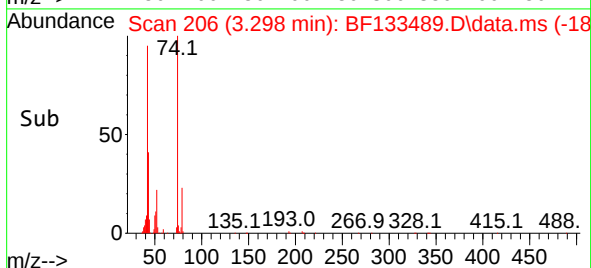
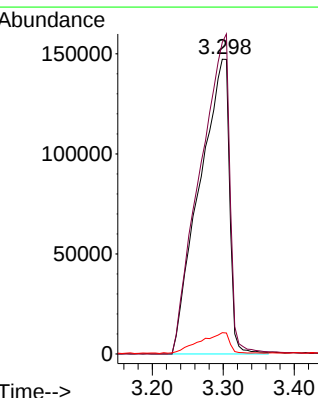
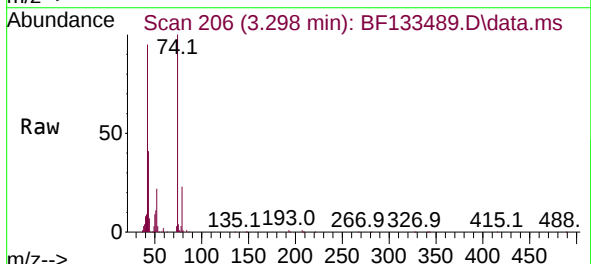
Tgt Ion: 42 Resp: 429698

Ion Ratio Lower Upper

42 100

74 105.7 85.7 128.5

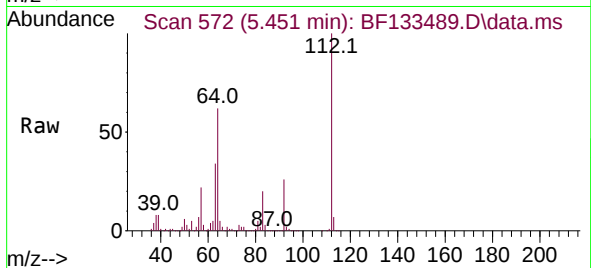
44 7.2 5.6 8.4





#5  
2-Fluorophenol  
Concen: 107.875 ng  
RT: 5.451 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

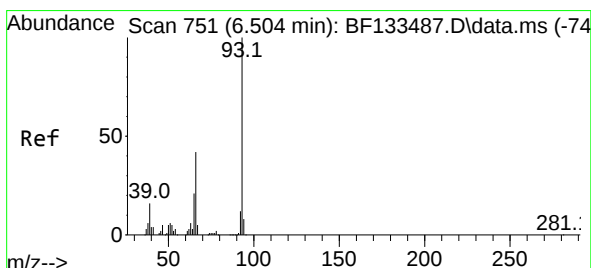
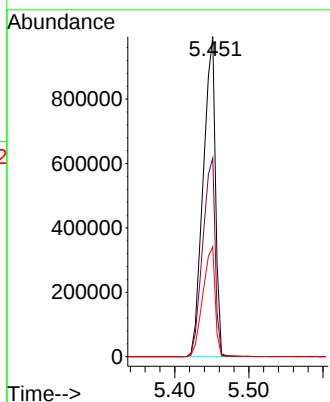
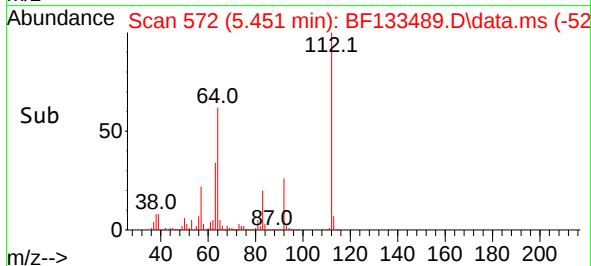
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



Tgt Ion:112 Resp: 1143740  
Ion Ratio Lower Upper  
112 100  
64 62.1 50.1 75.1  
63 34.4 27.5 41.3

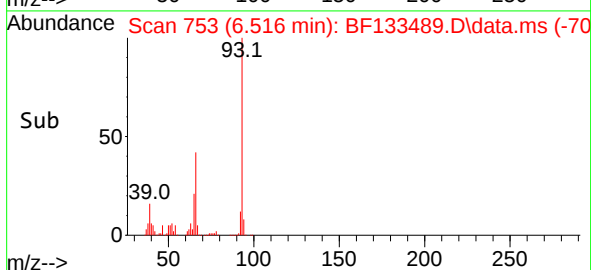
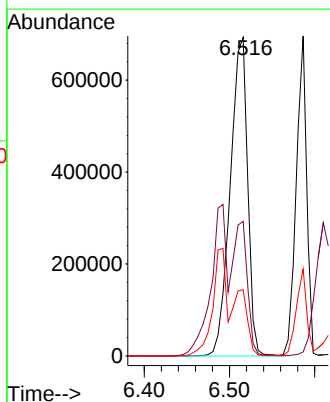
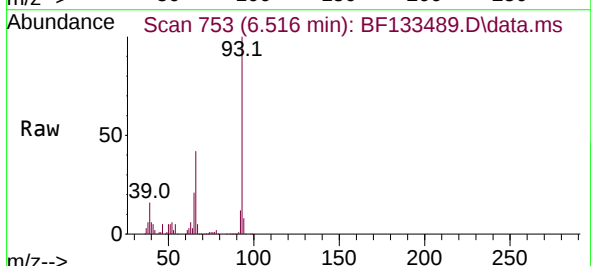
Manual Integrations  
APPROVED

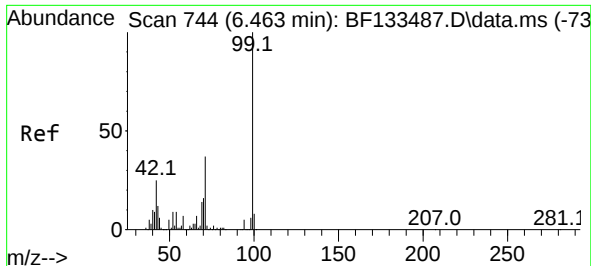
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#6  
Aniline  
Concen: 55.502 ng  
RT: 6.516 min Scan# 753  
Delta R.T. 0.012 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

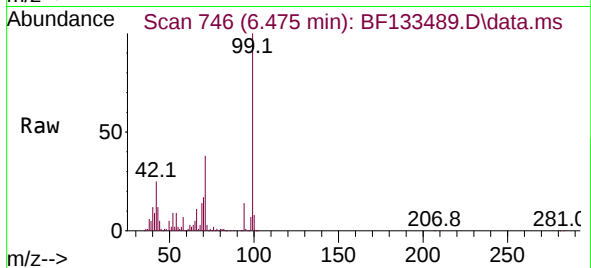
Tgt Ion: 93 Resp: 983563  
Ion Ratio Lower Upper  
93 100  
66 42.3 33.9 50.9  
65 20.8 17.2 25.8





#7  
Phenol-d6  
Concen: 107.530 ng  
RT: 6.475 min Scan# 744  
Delta R.T. 0.012 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

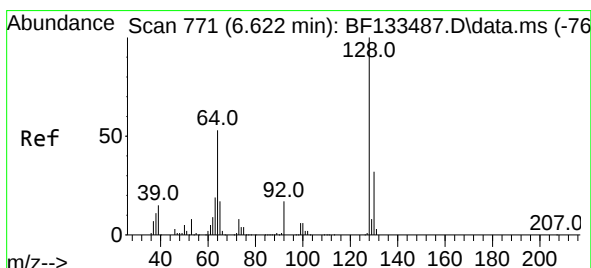
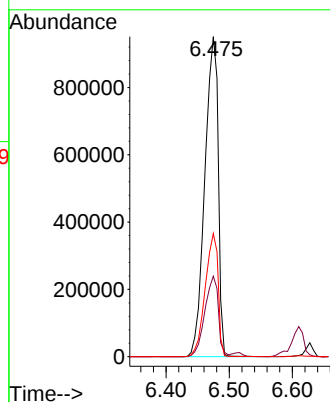
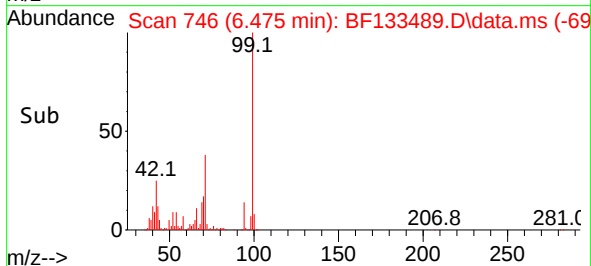
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



Tgt Ion: 99 Resp: 140344  
Ion Ratio Lower Upper  
99 100  
42 25.1 19.7 29.5  
71 38.5 29.8 44.8

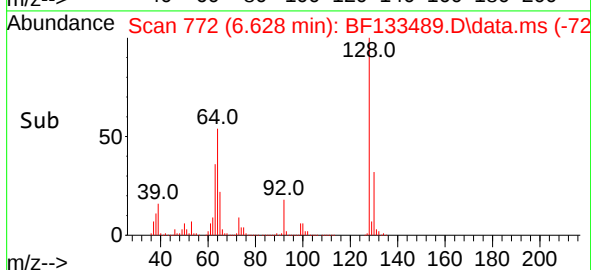
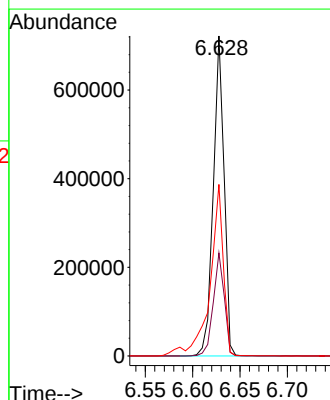
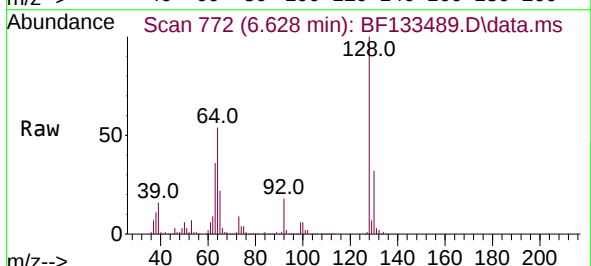
Manual Integrations  
APPROVED

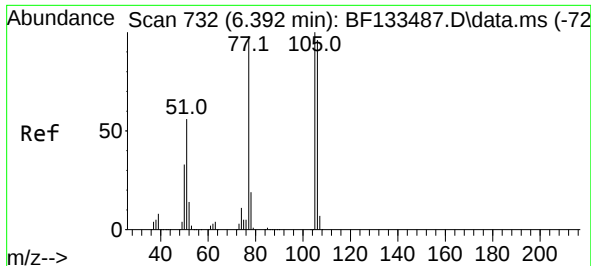
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#8  
2-Chlorophenol  
Concen: 54.685 ng  
RT: 6.628 min Scan# 772  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:128 Resp: 571300  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.4 52.4  
64 53.6 33.3 73.3





#9

Benzaldehyde

Concen: 59.227 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133489.D

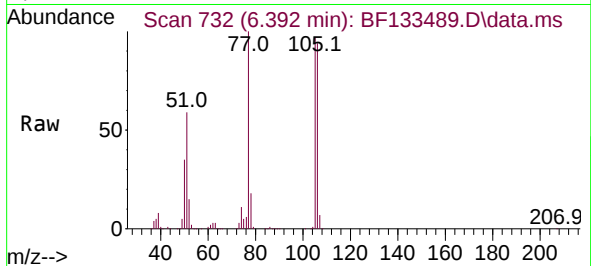
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

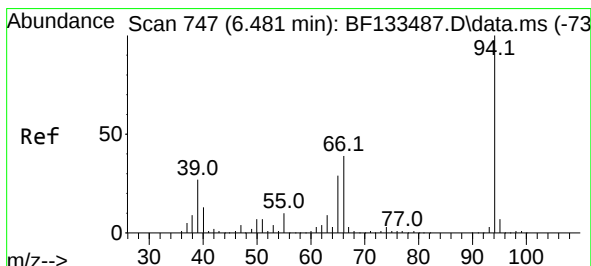
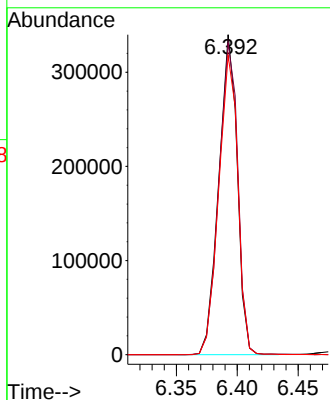
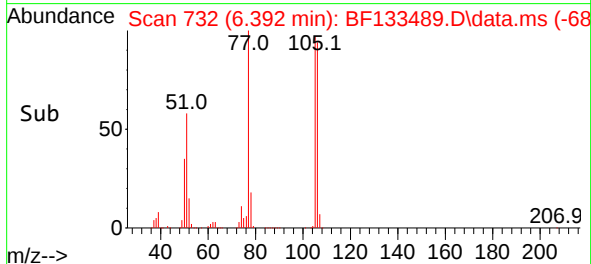
SSTDICC060



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 35935 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 97.4  | 81.9  | 121.9 |
| 106      | 93.5  | 77.8  | 117.8 |

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#10

Phenol

Concen: 54.910 ng m

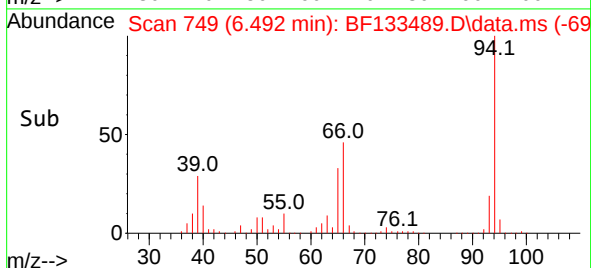
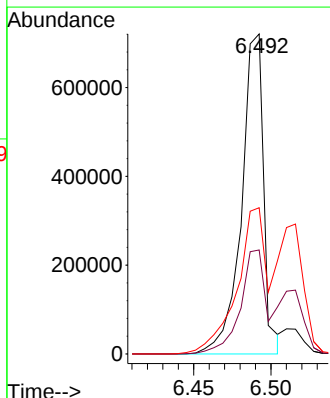
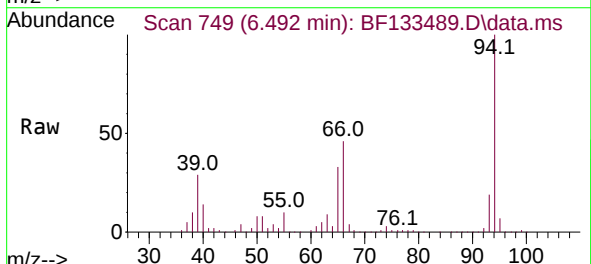
RT: 6.492 min Scan# 749

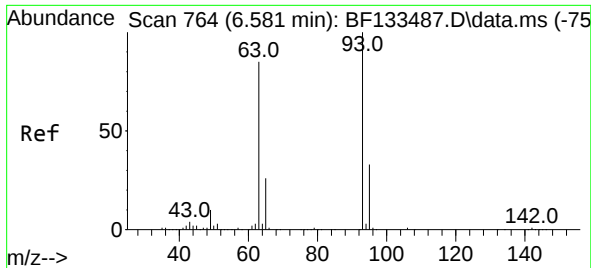
Delta R.T. 0.012 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 718947 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.5  | 9.1   | 49.1   |
| 66       | 45.7  | 18.9  | 58.9   |





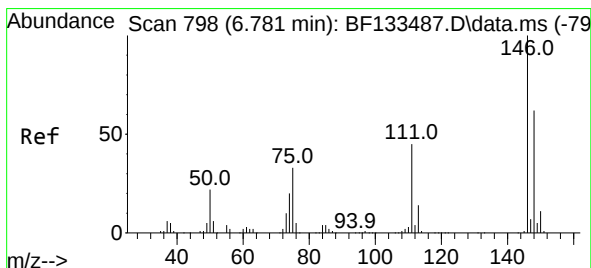
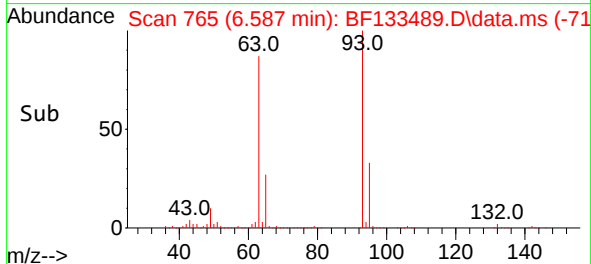
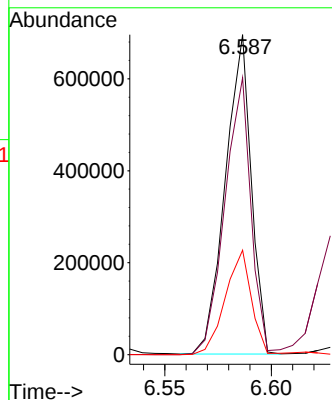
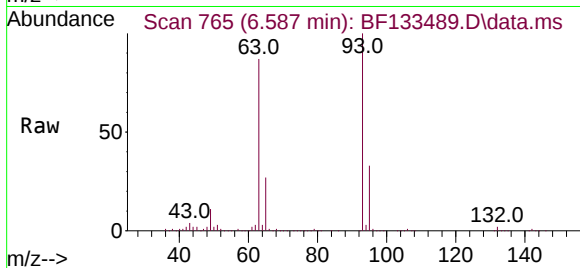
#11  
bis(2-Chloroethyl)ether  
Concen: 54.440 ng  
RT: 6.587 min Scan# 765  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion: 93 Resp: 589320  
Ion Ratio Lower Upper  
93 100  
63 86.6 64.5 104.5  
95 32.7 13.3 53.3

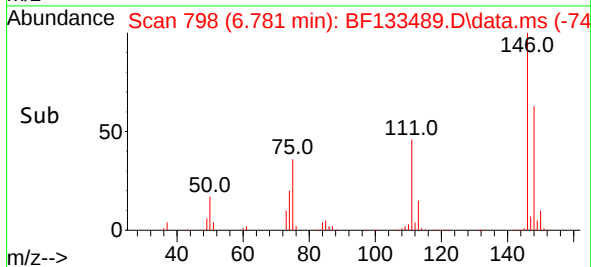
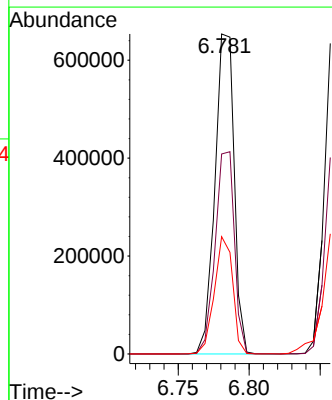
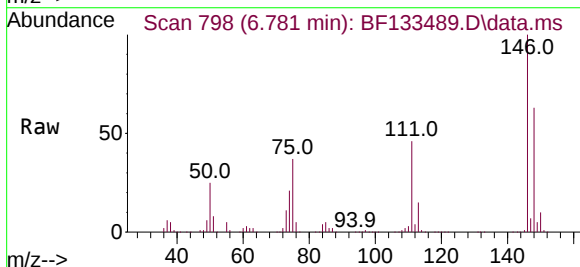
Manual Integrations  
APPROVED

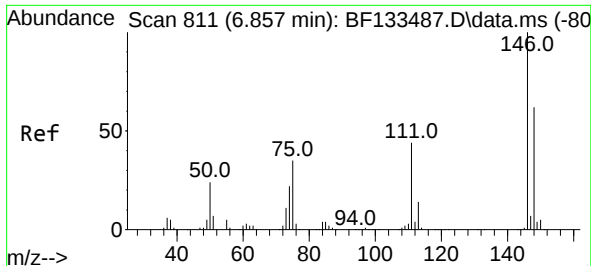
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#12  
1,3-Dichlorobenzene  
Concen: 53.286 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:146 Resp: 618020  
Ion Ratio Lower Upper  
146 100  
148 62.5 49.9 74.9  
75 36.7 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 53.548 ng

RT: 6.863 min Scan# 811

Delta R.T. 0.006 min

Lab File: BF133489.D

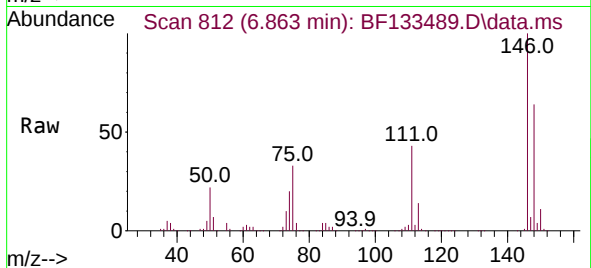
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060



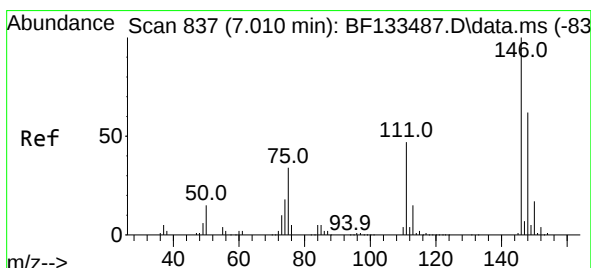
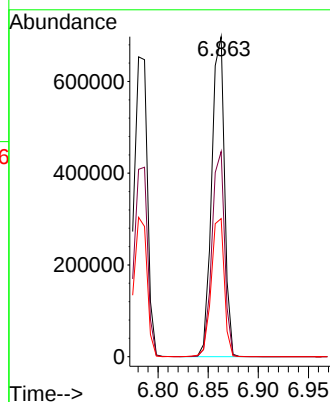
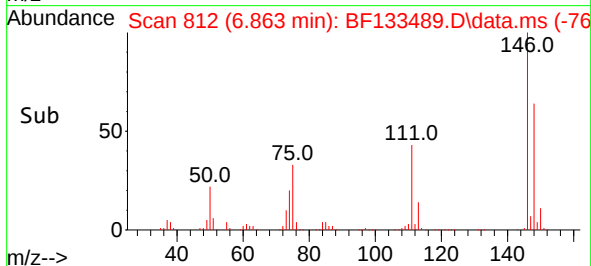
Tgt Ion:146 Resp: 622650

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.1  | 49.8  | 74.6  |
| 111 | 43.1  | 35.3  | 52.9  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#14

1,2-Dichlorobenzene

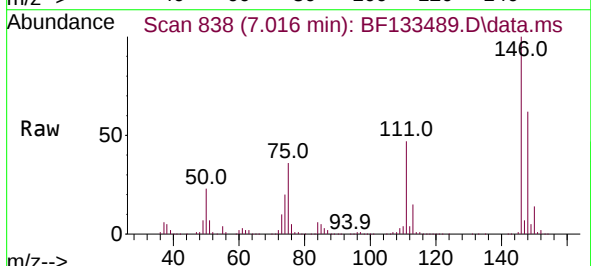
Concen: 51.569 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.006 min

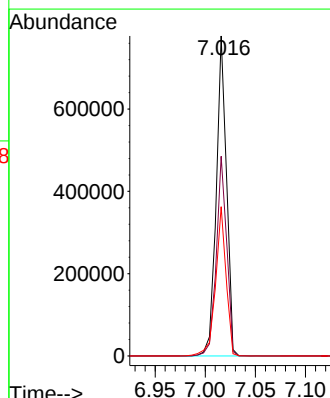
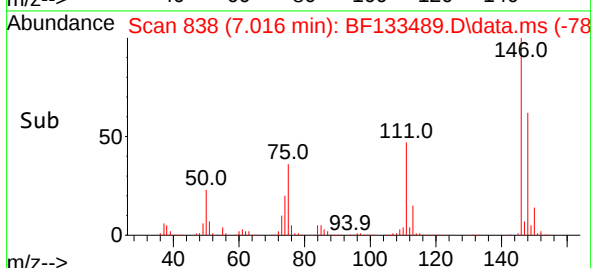
Lab File: BF133489.D

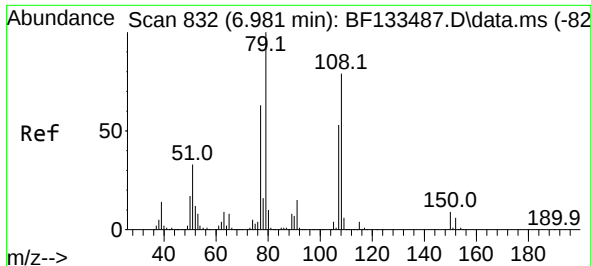
Acq: 25 May 2023 14:08



Tgt Ion:146 Resp: 553348

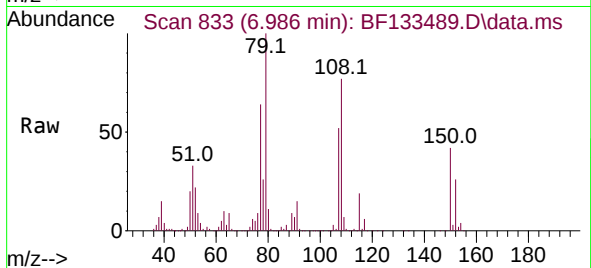
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 62.4  | 49.8  | 74.6  |
| 111 | 46.7  | 37.4  | 56.2  |





#15  
Benzyl Alcohol  
Concen: 54.962 ng  
RT: 6.986 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

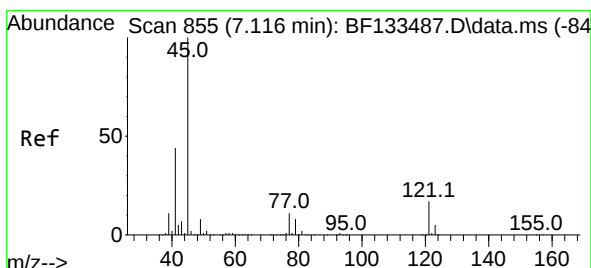
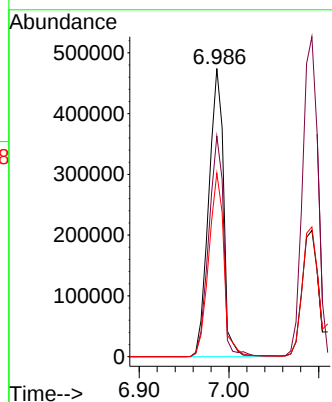
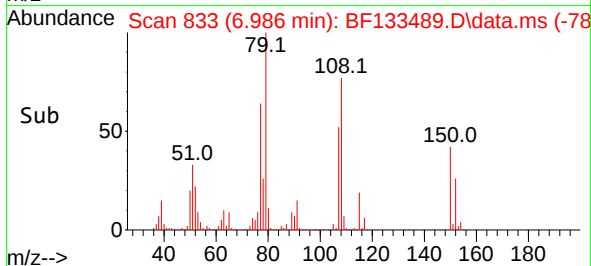
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



Tgt Ion: 79 Resp: 544612  
Ion Ratio Lower Upper  
79 100  
108 76.6 63.2 94.8  
77 63.7 50.3 75.5

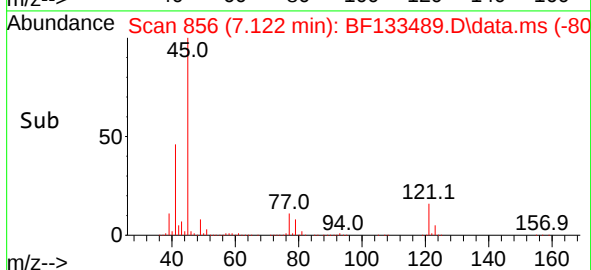
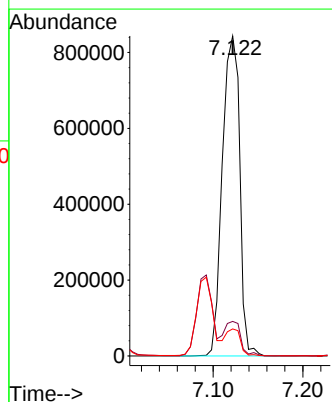
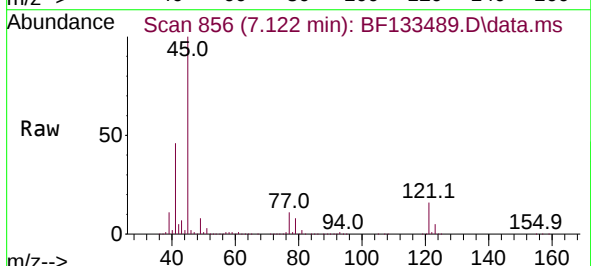
Manual Integrations  
APPROVED

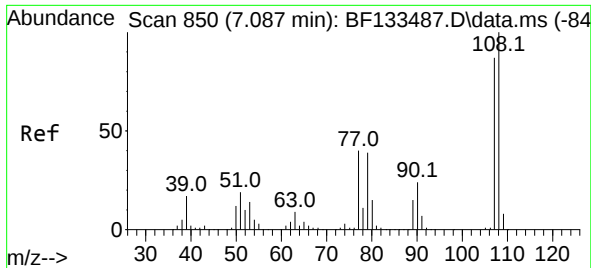
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 55.094 ng  
RT: 7.122 min Scan# 856  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion: 45 Resp: 1131171  
Ion Ratio Lower Upper  
45 100  
77 10.8 0.0 30.8  
79 8.5 0.0 28.2





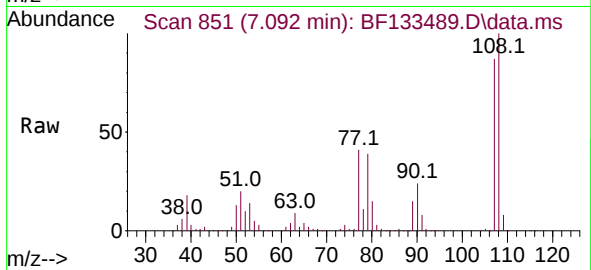
#17  
2-Methylphenol  
Concen: 54.912 ng  
RT: 7.092 min Scan# 851  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

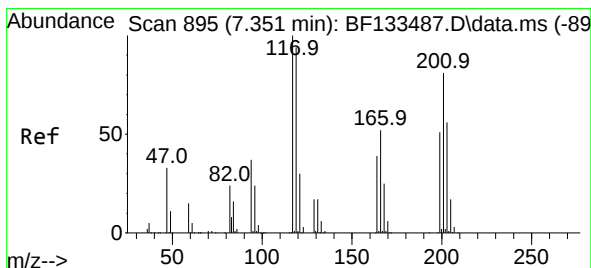
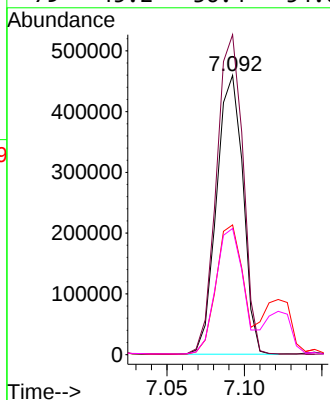
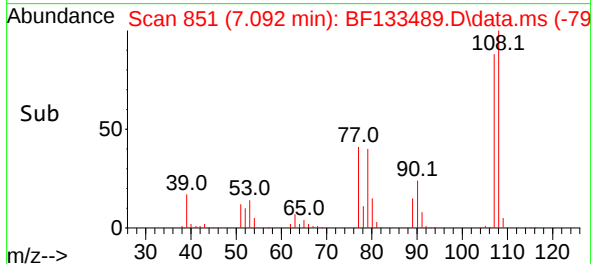


Tgt Ion:107 Resp: 54325  
Ion Ratio Lower Upper  
107 100  
108 114.6 92.2 138.4  
77 46.5 37.1 55.7  
79 45.2 36.4 54.6

Manual Integrations

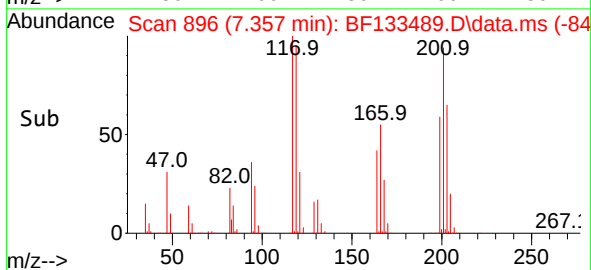
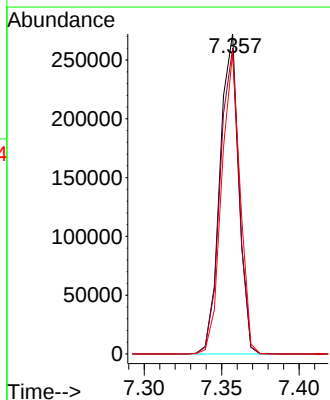
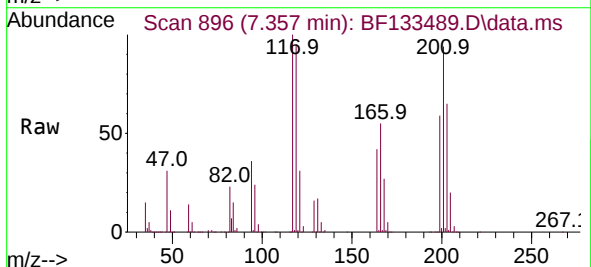
APPROVED

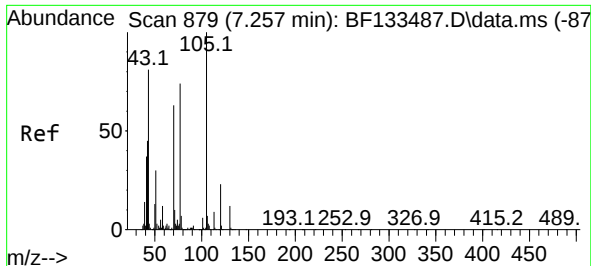
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#18  
Hexachloroethane  
Concen: 57.470 ng  
RT: 7.357 min Scan# 896  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:117 Resp: 231073  
Ion Ratio Lower Upper  
117 100  
119 95.5 74.9 112.3  
201 94.2 64.8 97.2





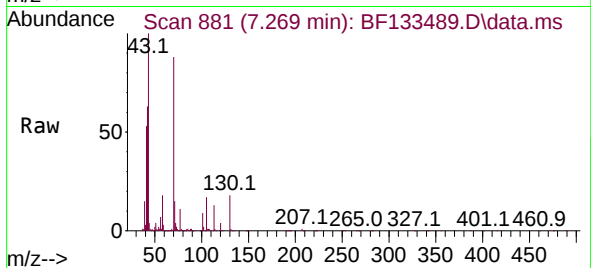
#19  
n-Nitroso-di-n-propylamine  
Concen: 53.143 ng  
RT: 7.269 min Scan# 881  
Delta R.T. 0.012 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

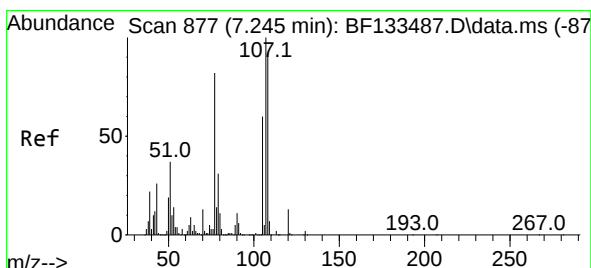
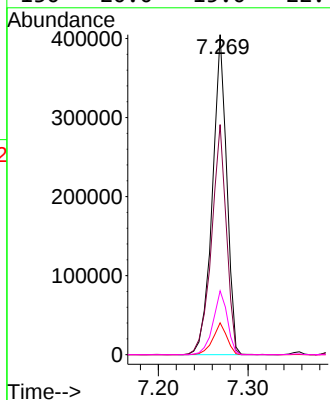
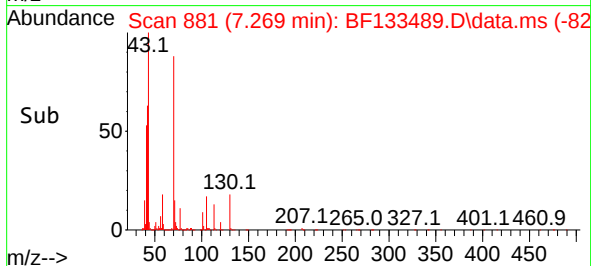
SSTDICC060



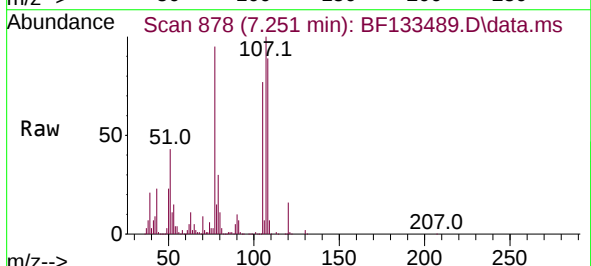
Tgt Ion: 70 Resp: 44877  
Ion Ratio Lower Upper  
70 100  
42 71.9 57.2 85.8  
101 10.0 7.3 10.9  
130 20.0 15.0 22.4

Manual Integrations  
APPROVED

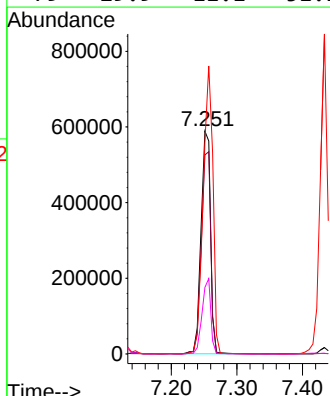
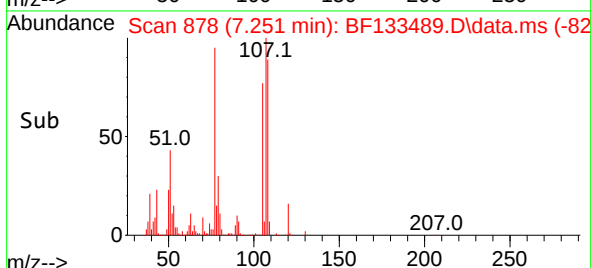
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

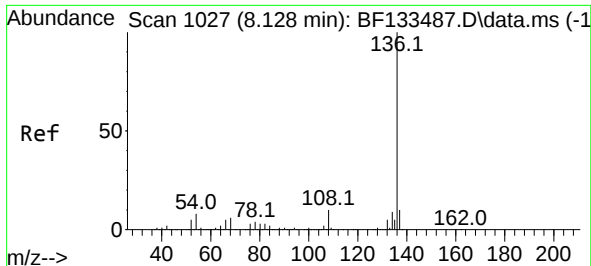


#20  
3+4-Methylphenols  
Concen: 53.051 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion:107 Resp: 593367  
Ion Ratio Lower Upper  
107 100  
108 89.4 72.0 112.0  
77 95.2 61.9 101.9  
79 29.9 11.1 51.1





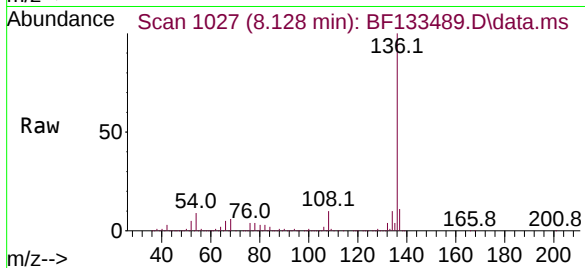
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

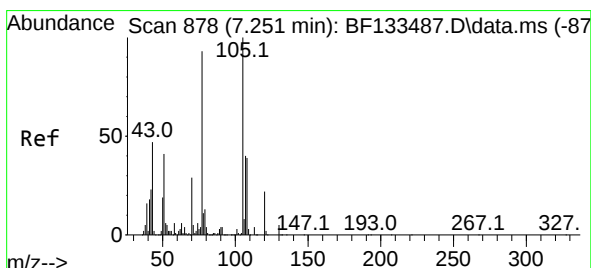
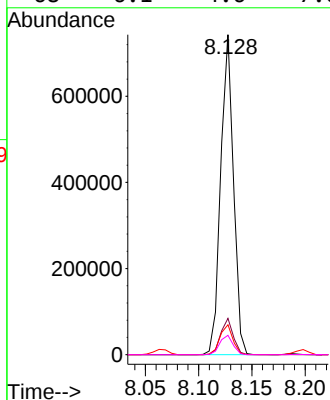
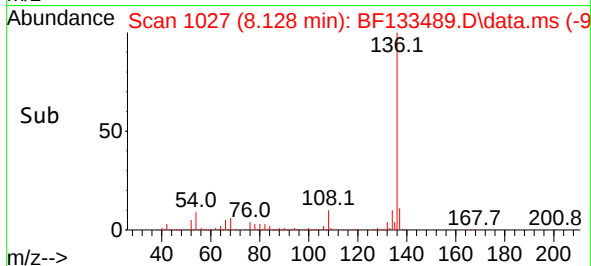


Tgt Ion:136 Resp: 618390  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.2 12.4  
54 9.3 6.6 10.0  
68 6.1 4.6 7.0

Manual Integrations

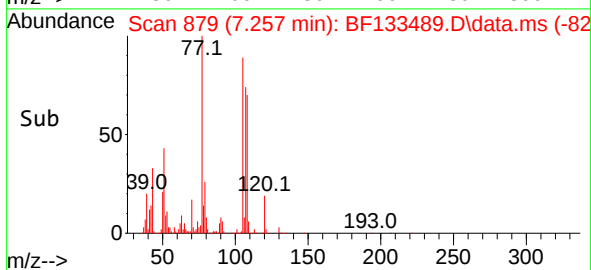
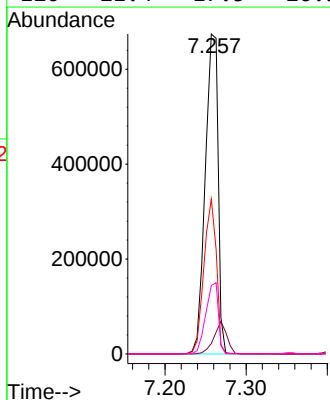
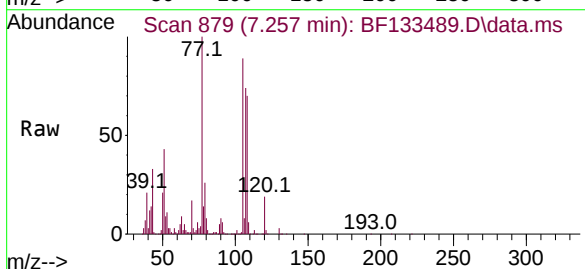
APPROVED

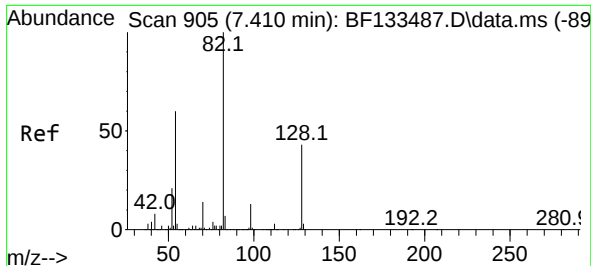
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#22  
Acetophenone  
Concen: 52.045 ng  
RT: 7.257 min Scan# 879  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:105 Resp: 741169  
Ion Ratio Lower Upper  
105 100  
71 3.3 3.8 5.8#  
51 48.4 32.6 49.0  
120 21.4 17.5 26.3





#23

Nitrobenzene-d5

Concen: 137.719 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.006 min

Lab File: BF133489.D

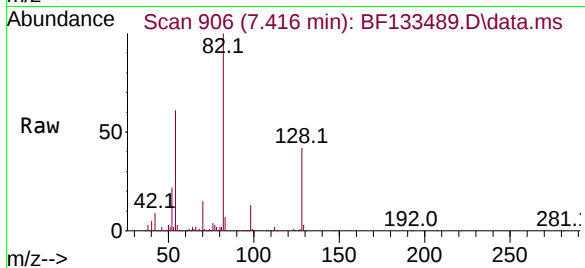
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060



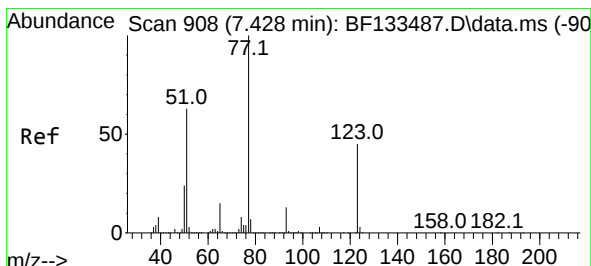
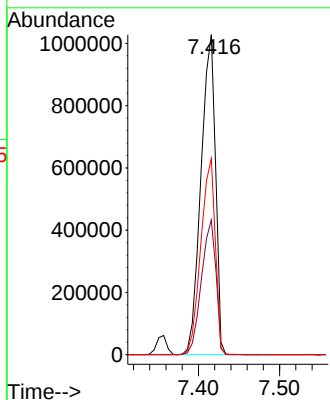
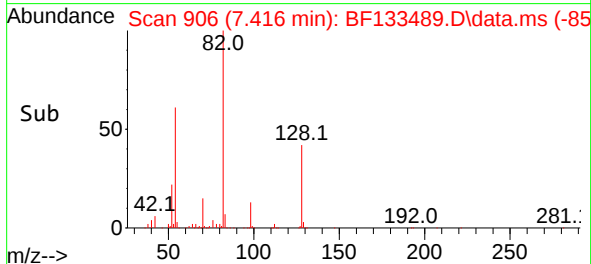
Tgt Ion: 82 Resp: 1275508

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.1  | 34.2  | 51.4  |
| 54  | 61.3  | 48.2  | 72.4  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#24

Nitrobenzene

Concen: 66.343 ng

RT: 7.434 min Scan# 909

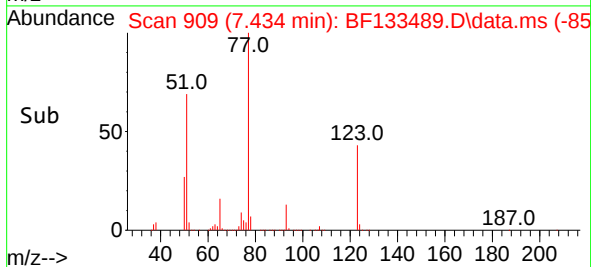
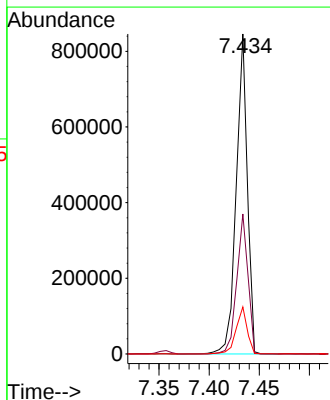
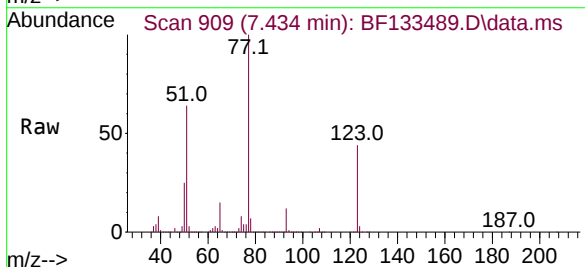
Delta R.T. 0.006 min

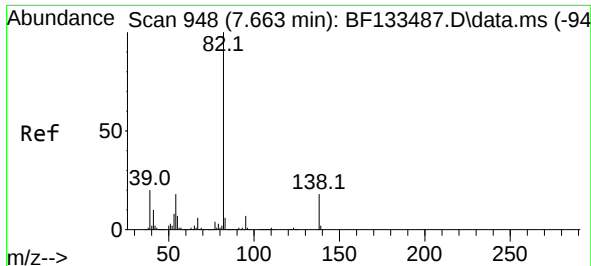
Lab File: BF133489.D

Acq: 25 May 2023 14:08

Tgt Ion: 77 Resp: 654697

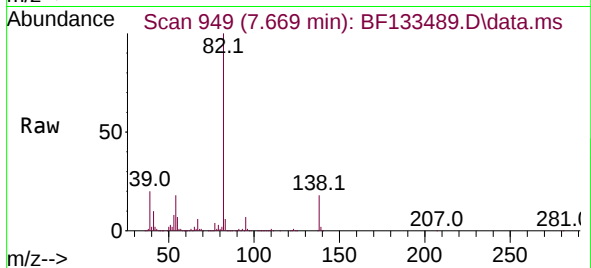
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 43.7  | 35.8  | 53.8  |
| 65  | 14.7  | 11.8  | 17.8  |





#25  
Isophorone  
Concen: 57.596 ng  
RT: 7.669 min Scan# 948  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

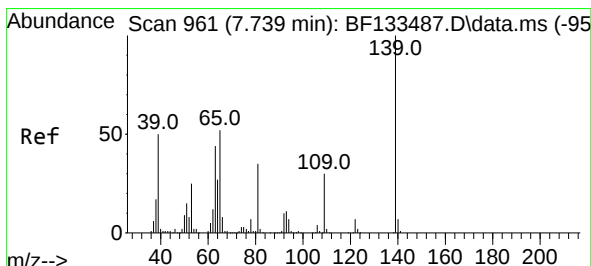
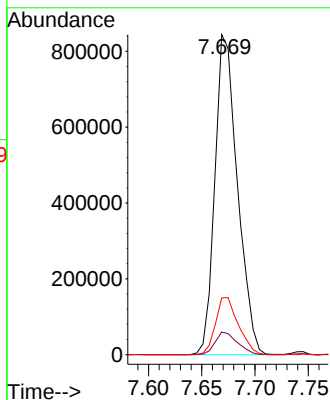
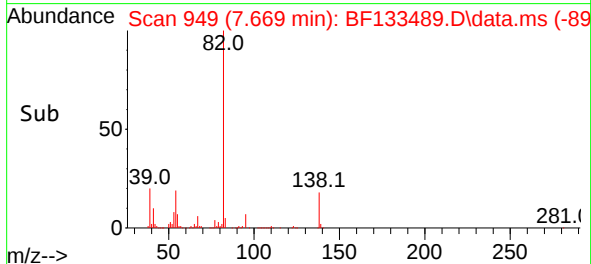
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



Tgt Ion: 82 Resp: 124321  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.7 8.5  
138 17.8 14.2 21.4

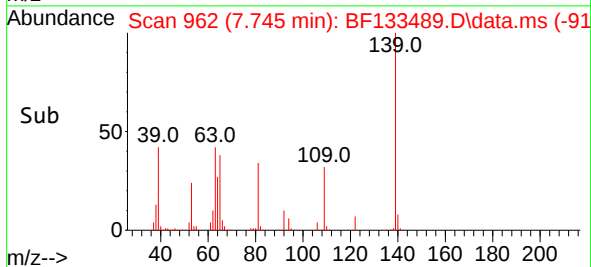
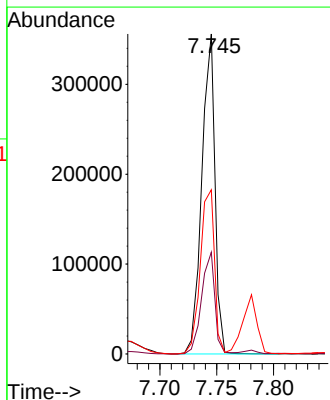
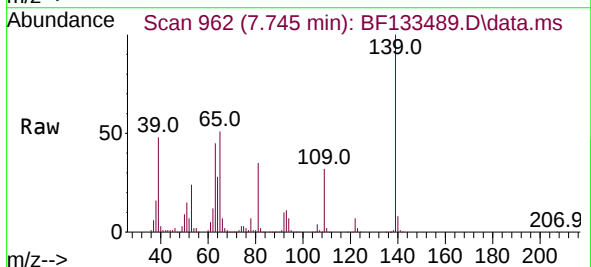
Manual Integrations  
APPROVED

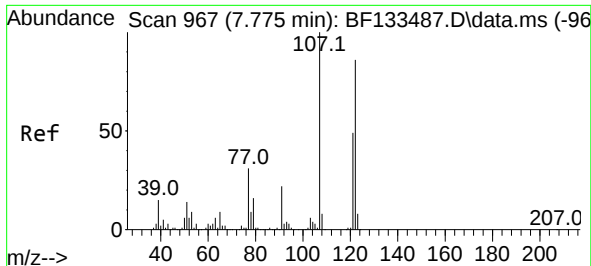
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#26  
2-Nitrophenol  
Concen: 61.830 ng  
RT: 7.745 min Scan# 962  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:139 Resp: 286451  
Ion Ratio Lower Upper  
139 100  
109 31.8 24.0 36.0  
65 51.3 41.7 62.5





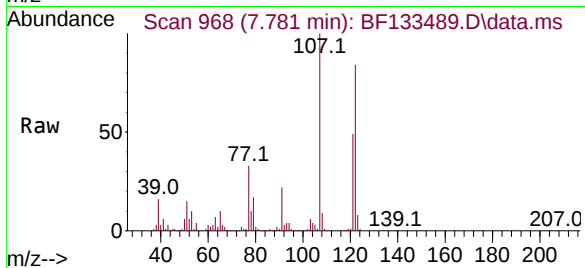
#27  
2,4-Dimethylphenol  
Concen: 55.601 ng  
RT: 7.781 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

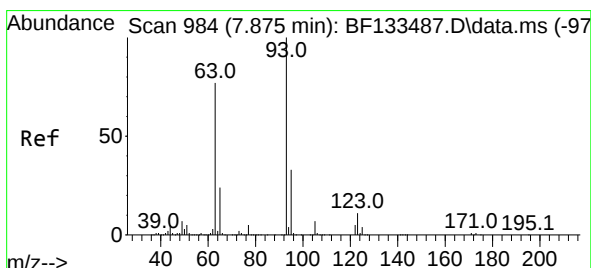
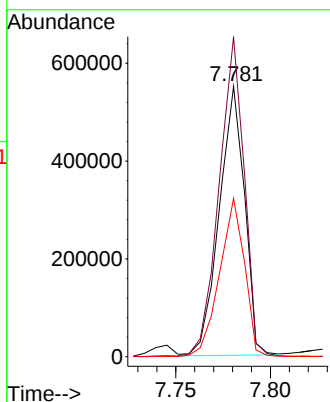
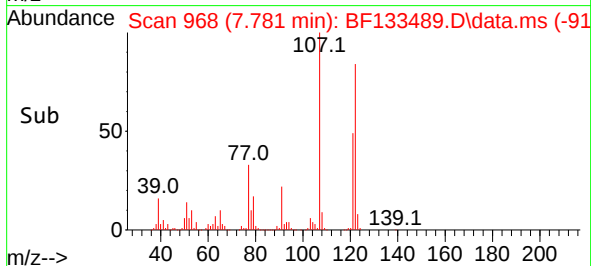


Tgt Ion:122 Resp: 51064  
Ion Ratio Lower Upper  
122 100  
107 118.4 93.4 140.0  
121 58.6 45.6 68.4

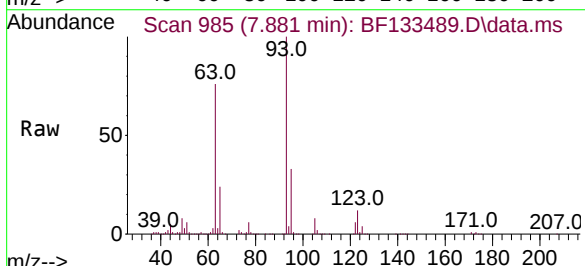
Manual Integrations

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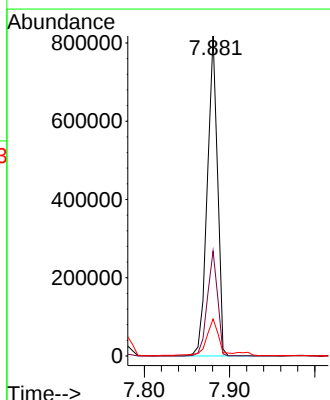
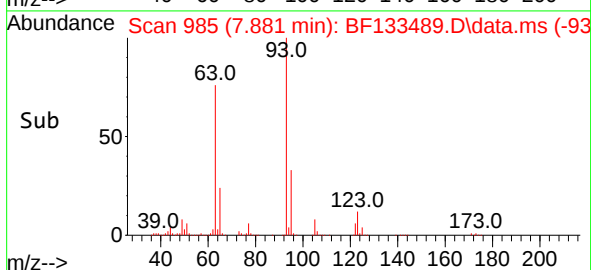
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

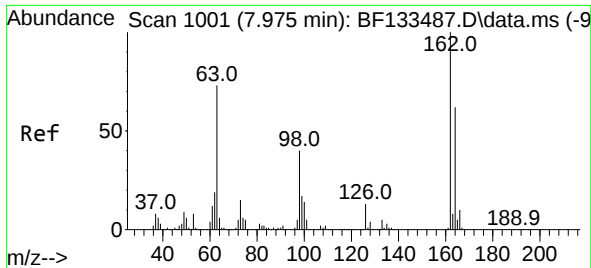


#28  
bis(2-Chloroethoxy)methane  
Concen: 54.418 ng  
RT: 7.881 min Scan# 985  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion: 93 Resp: 681124  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.8 40.2  
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 58.713 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.012 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

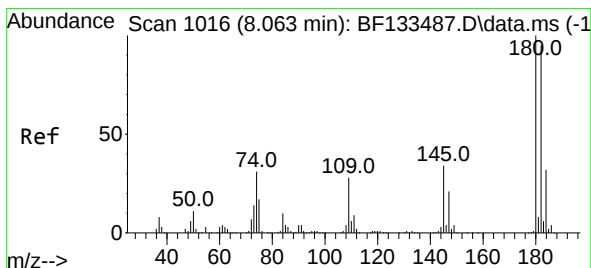
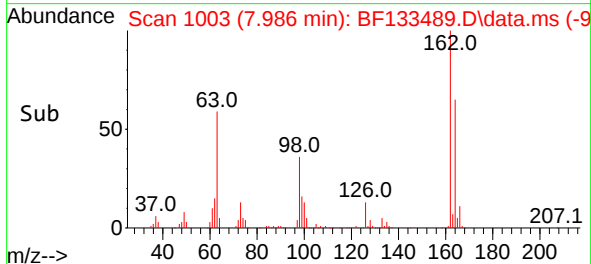
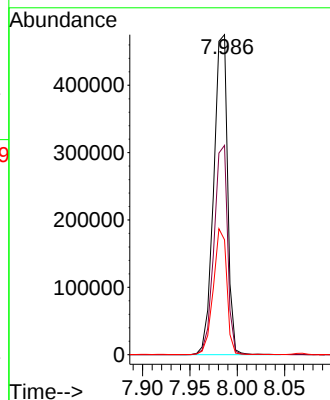
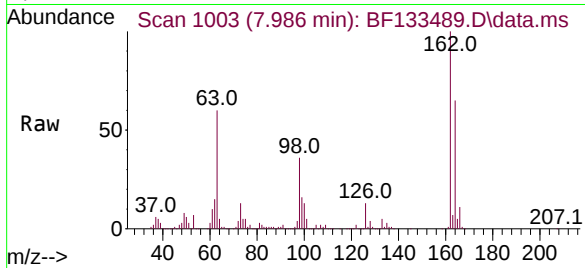
|             |              |
|-------------|--------------|
| Tgt Ion:162 | Resp: 485130 |
| Ion Ratio   | Lower Upper  |
| 162 100     |              |
| 164 65.4    | 42.2 82.2    |
| 98 35.9     | 19.7 59.7    |

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 55.194 ng

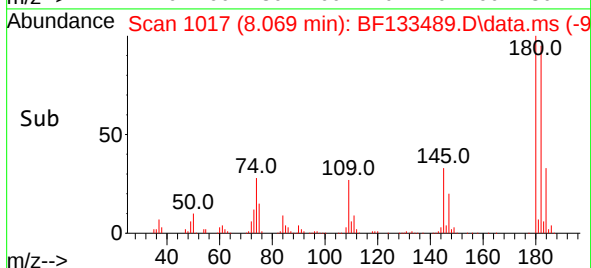
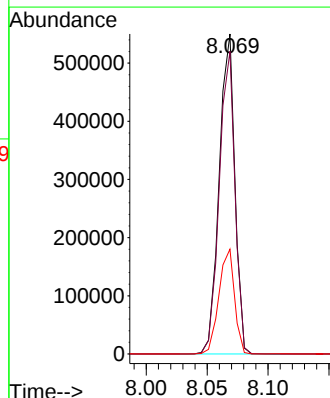
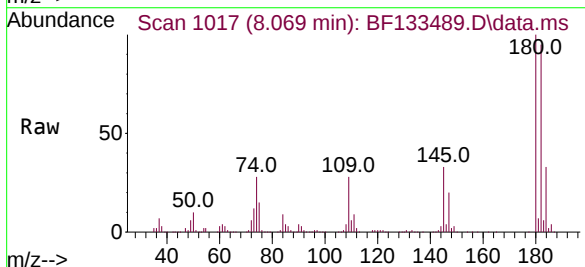
RT: 8.069 min Scan# 1017

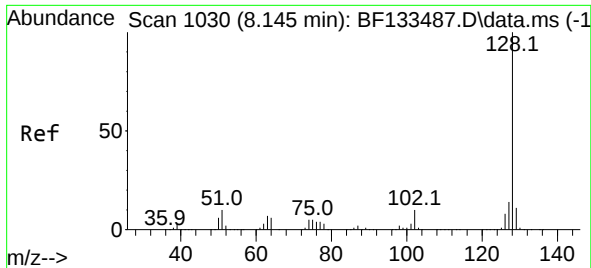
Delta R.T. 0.006 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

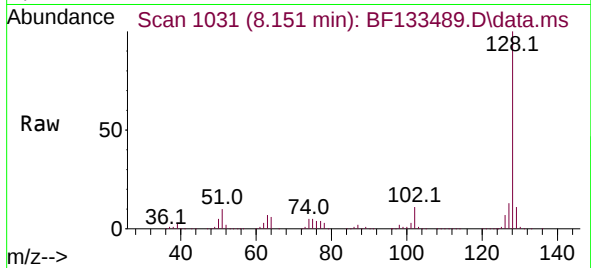
|             |              |
|-------------|--------------|
| Tgt Ion:180 | Resp: 493289 |
| Ion Ratio   | Lower Upper  |
| 180 100     |              |
| 182 94.5    | 76.1 114.1   |
| 145 32.7    | 27.0 40.4    |





#31  
Naphthalene  
Concen: 54.132 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

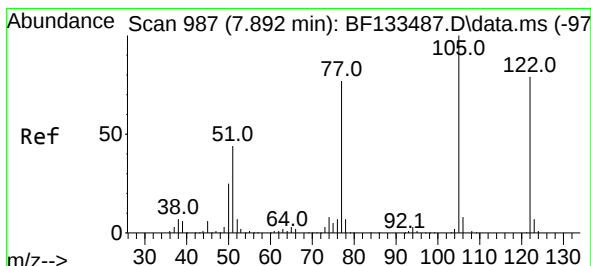
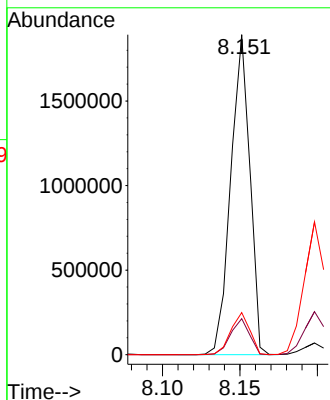
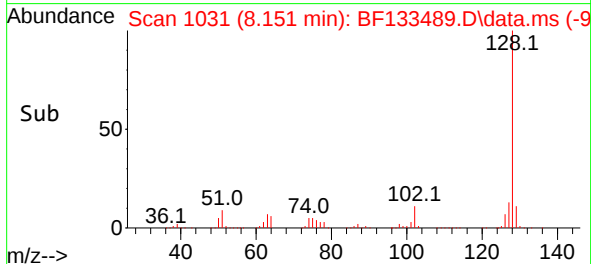
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



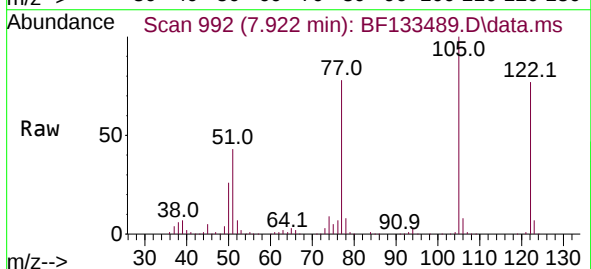
Tgt Ion:128 Resp: 162289  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.2 13.8  
127 13.1 10.9 16.3

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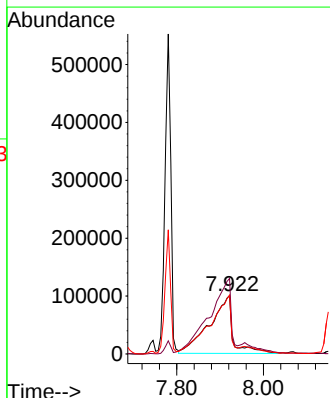
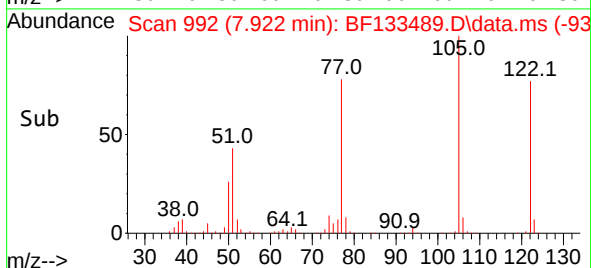
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

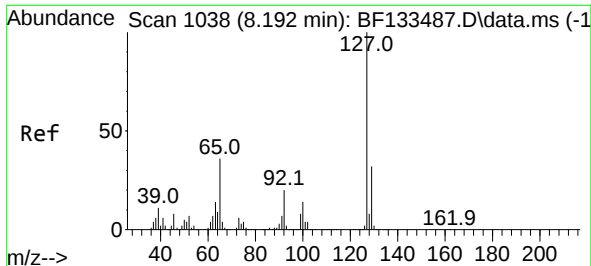


#32  
Benzoic acid  
Concen: 59.897 ng m  
RT: 7.922 min Scan# 992  
Delta R.T. 0.030 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion:122 Resp: 377951  
Ion Ratio Lower Upper  
122 100  
105 129.3 103.3 143.3  
77 100.6 75.7 115.7





#33

4-Chloroaniline

Concen: 55.114 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.006 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tgt Ion:127 Resp: 70819

Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 35.9 29.0 43.6

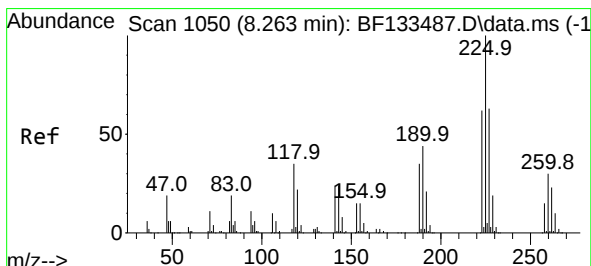
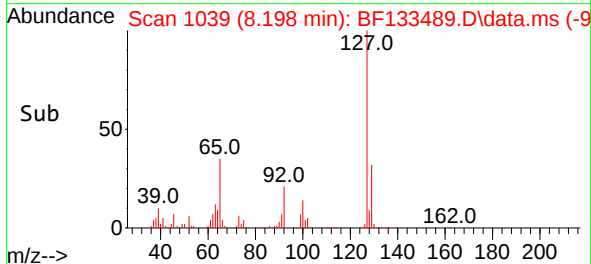
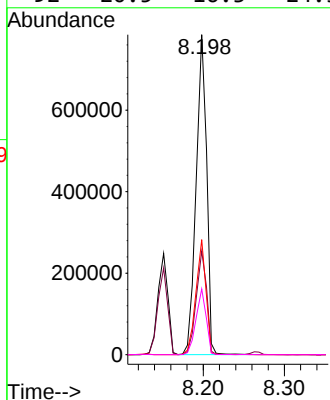
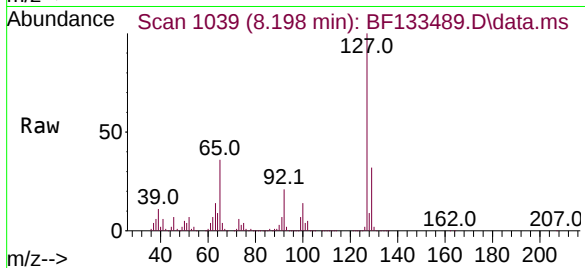
92 20.5 16.3 24.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#34

Hexachlorobutadiene

Concen: 55.891 ng

RT: 8.269 min Scan# 1051

Delta R.T. 0.006 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

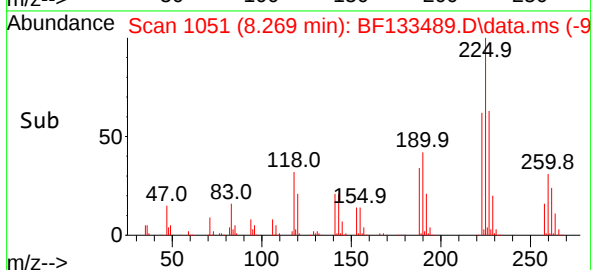
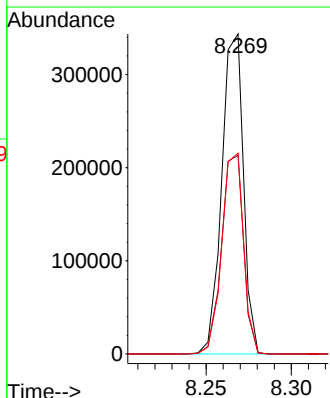
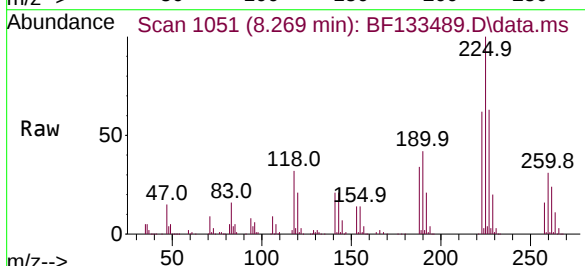
Tgt Ion:225 Resp: 303851

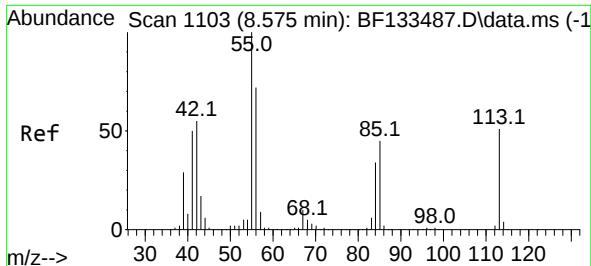
Ion Ratio Lower Upper

225 100

223 62.1 49.8 74.8

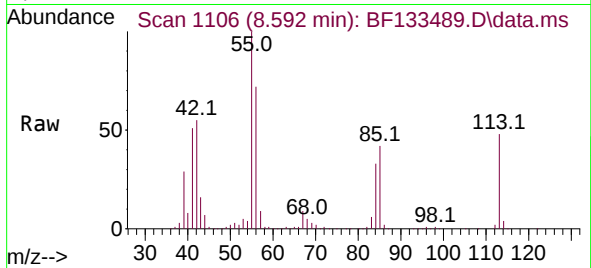
227 62.8 50.2 75.4





#35  
Caprolactam  
Concen: 62.022 ng m  
RT: 8.592 min Scan# 1106  
Delta R.T. 0.018 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

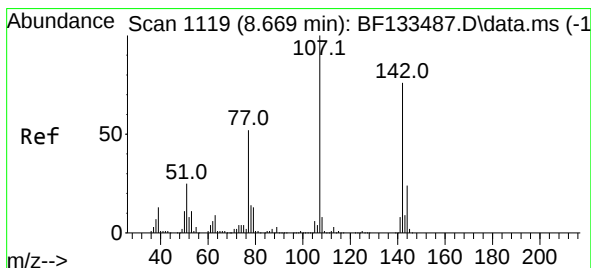
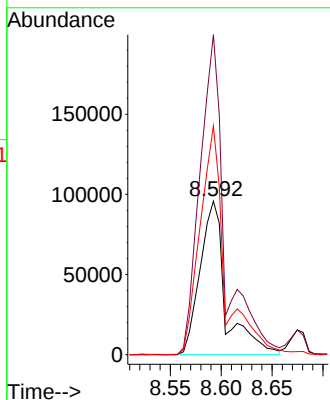
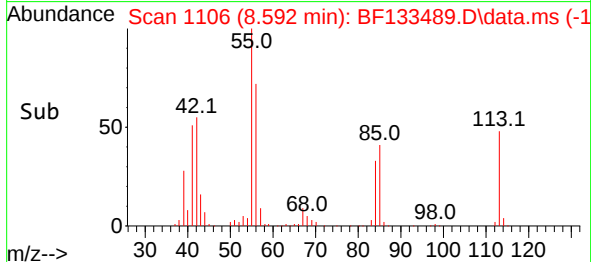
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



Tgt Ion:113 Resp: 16807  
Ion Ratio Lower Upper  
113 100  
55 208.4 177.5 217.5  
56 149.0 122.3 162.3

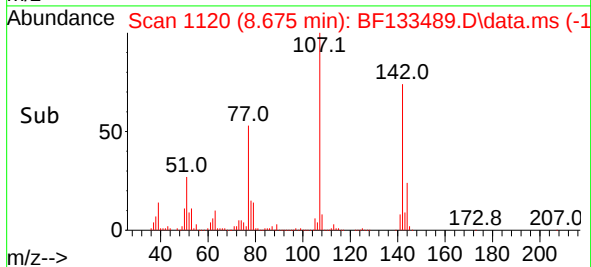
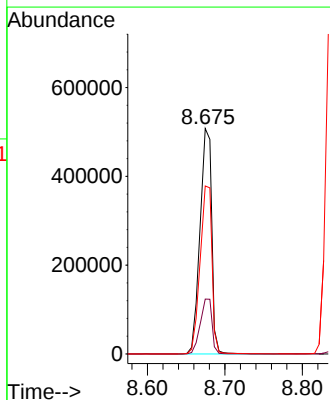
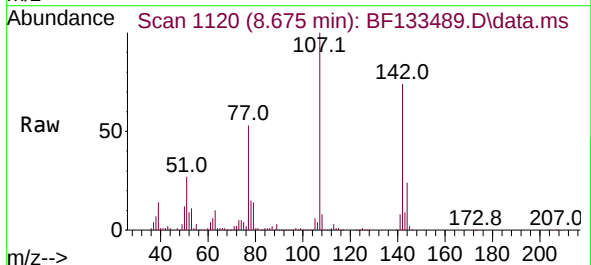
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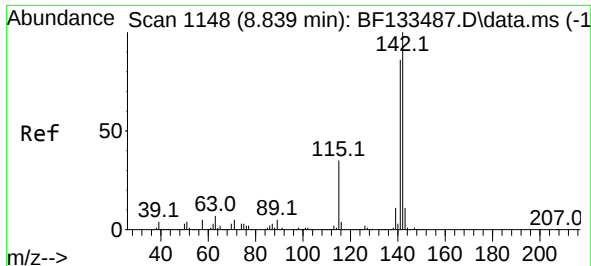
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#36  
4-Chloro-3-methylphenol  
Concen: 57.635 ng  
RT: 8.675 min Scan# 1120  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:107 Resp: 533466  
Ion Ratio Lower Upper  
107 100  
144 24.3 19.4 29.0  
142 74.5 60.5 90.7





#37

2-Methylnaphthalene

Concen: 53.204 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 108906

Ion Ratio Lower Upper

142 100

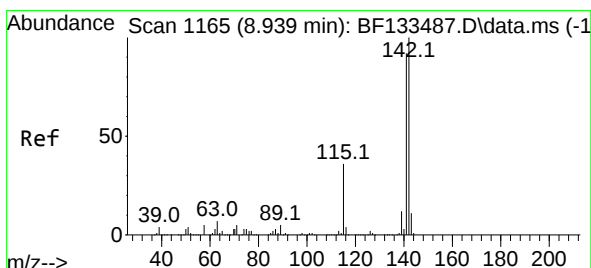
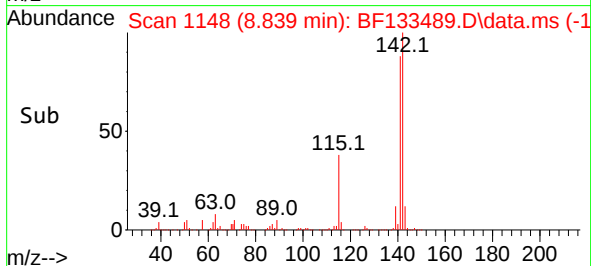
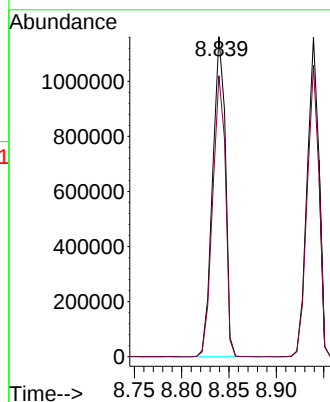
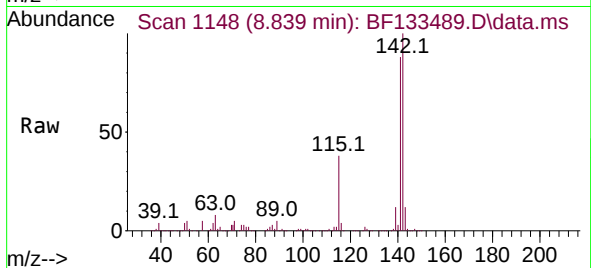
141 87.8 69.2 103.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#38

1-Methylnaphthalene

Concen: 53.215 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF133489.D

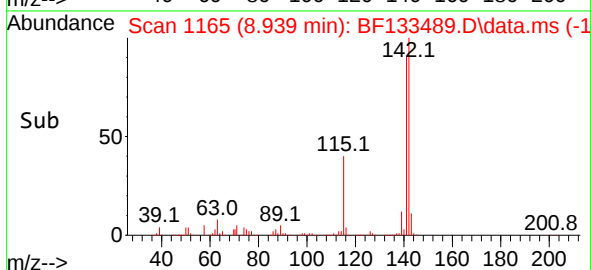
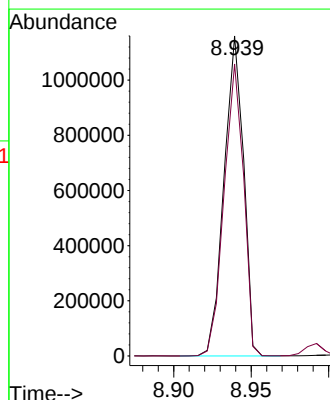
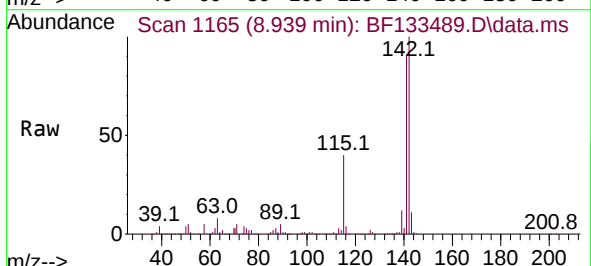
Acq: 25 May 2023 14:08

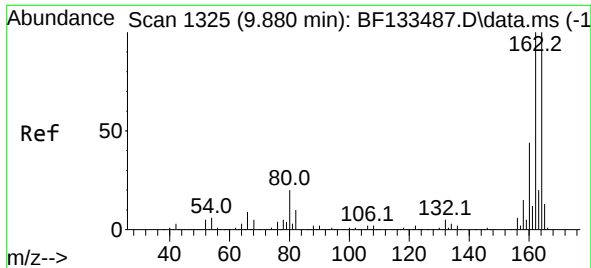
Tgt Ion:142 Resp: 1015395

Ion Ratio Lower Upper

142 100

141 91.3 73.6 110.4





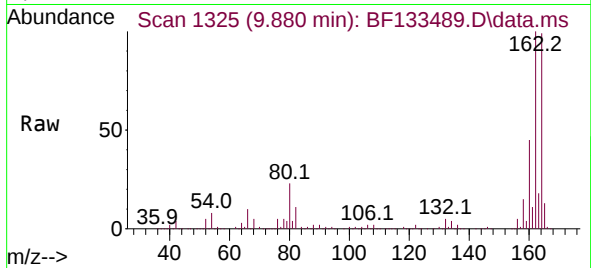
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.880 min Scan# 1175  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

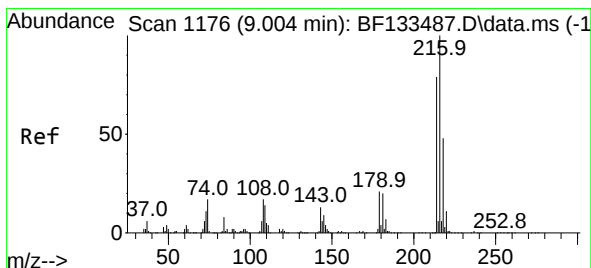
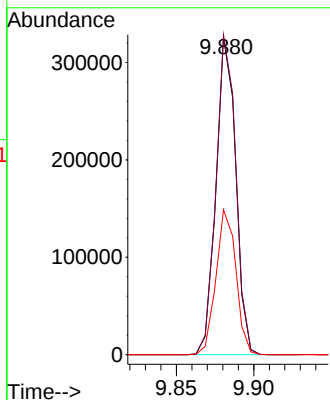
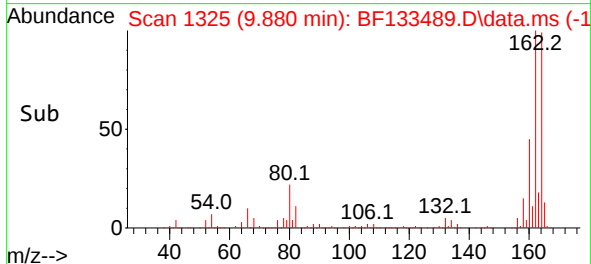


Tgt Ion:164 Resp: 28741  
Ion Ratio Lower Upper  
164 100  
162 100.9 79.7 119.5  
160 45.7 35.4 53.0

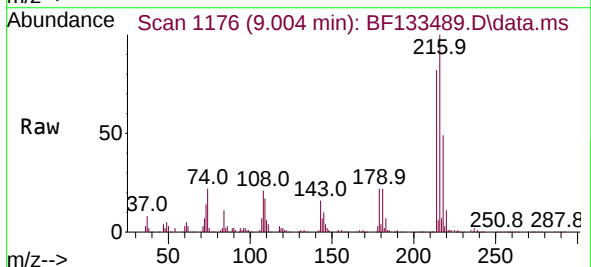
Manual Integrations

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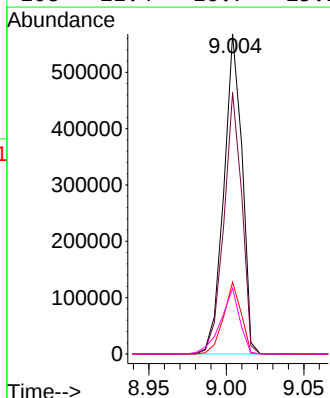
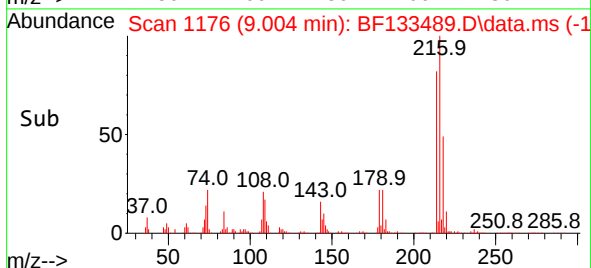
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

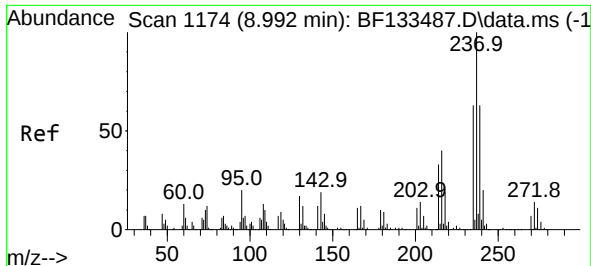


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 54.554 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



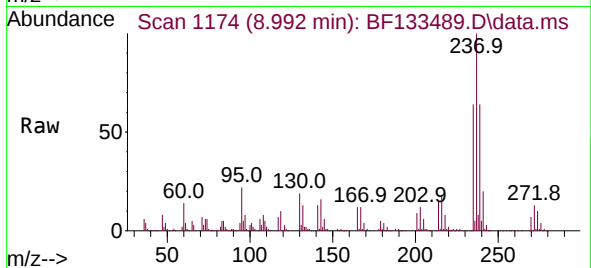
Tgt Ion:216 Resp: 464727  
Ion Ratio Lower Upper  
216 100  
214 79.8 63.2 94.8  
179 21.6 17.3 25.9  
108 21.4 16.7 25.1





#41  
Hexachlorocyclopentadiene  
Concen: 65.764 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

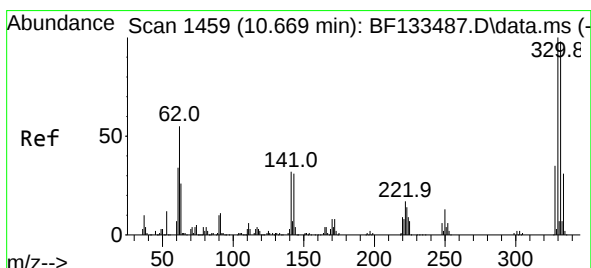
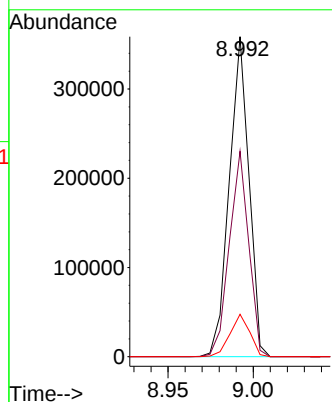
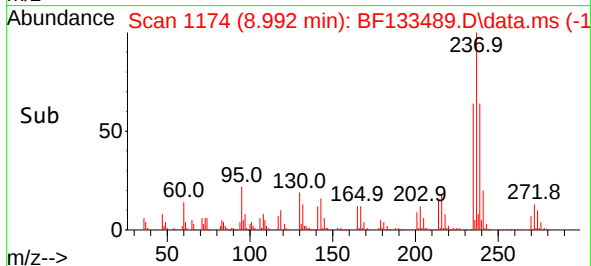
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



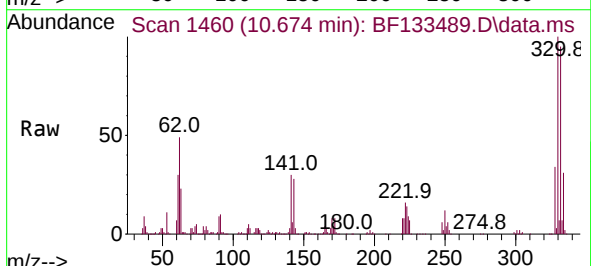
Tgt Ion:237 Resp: 287092  
Ion Ratio Lower Upper  
237 100  
235 64.2 43.0 83.0  
272 13.3 0.0 33.5

Manual Integrations  
APPROVED

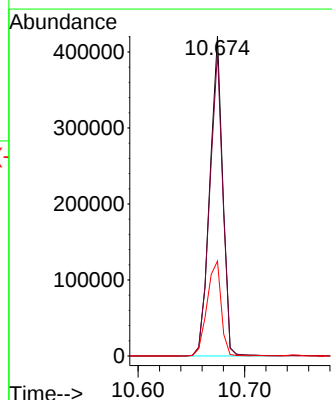
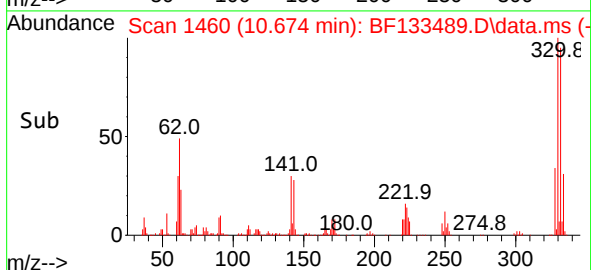
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

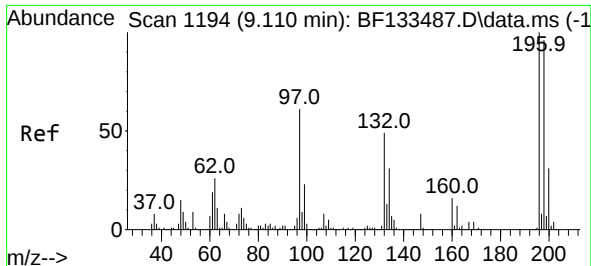


#42  
2,4,6-Tribromophenol  
Concen: 123.524 ng  
RT: 10.674 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



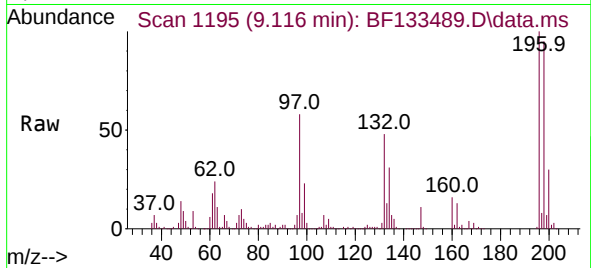
Tgt Ion:330 Resp: 353900  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.8 116.6  
141 32.5 26.6 40.0





#43  
2,4,6-Trichlorophenol  
Concen: 60.879 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

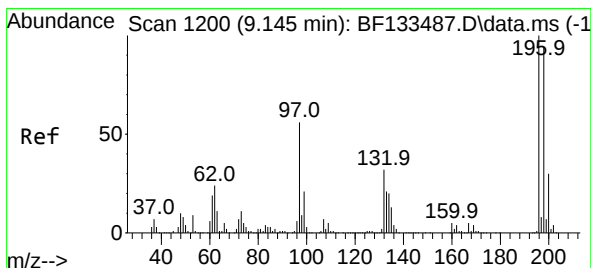
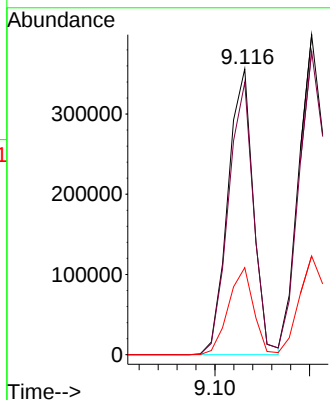
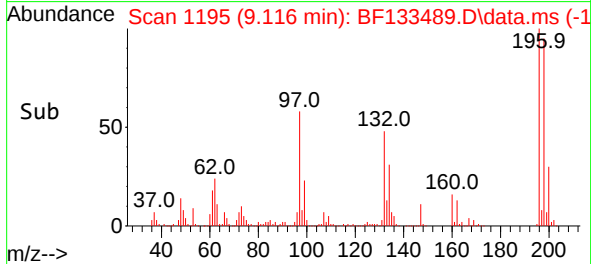
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



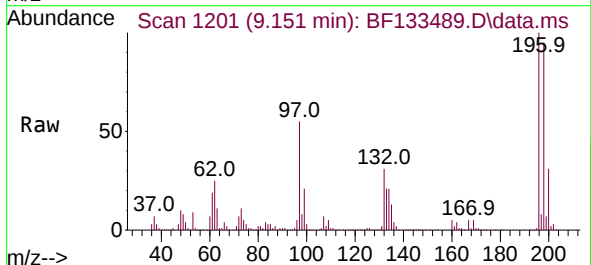
Tgt Ion:196 Resp: 33185  
Ion Ratio Lower Upper  
196 100  
198 95.3 76.6 115.0  
200 30.5 24.6 37.0

Manual Integrations  
APPROVED

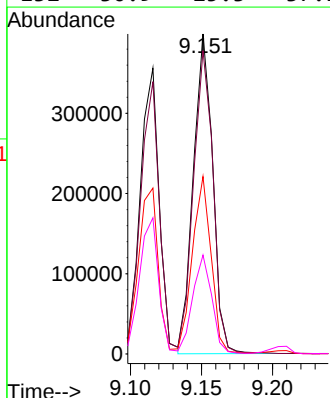
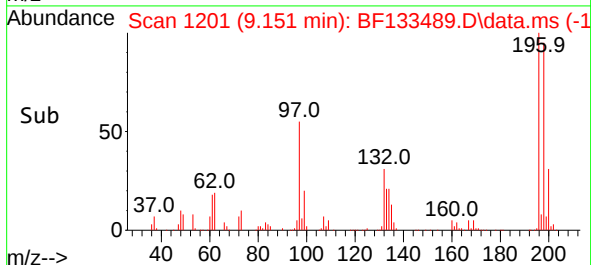
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

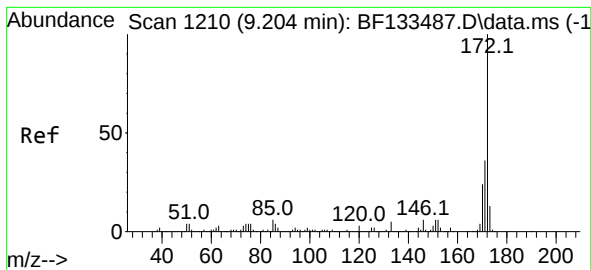


#44  
2,4,5-Trichlorophenol  
Concen: 59.943 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion:196 Resp: 379252  
Ion Ratio Lower Upper  
196 100  
198 94.8 75.3 112.9  
97 55.5 44.9 67.3  
132 30.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 105.920 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 1972420

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

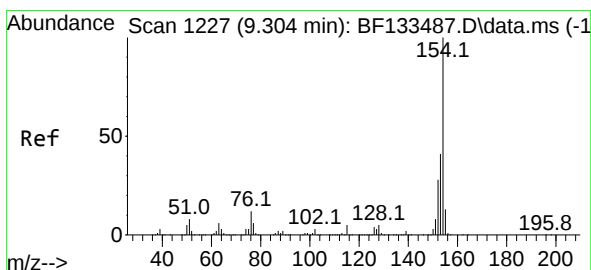
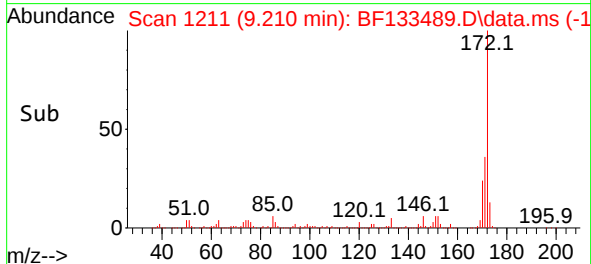
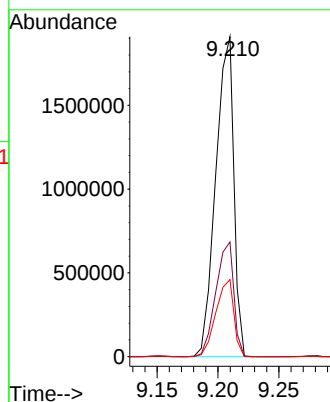
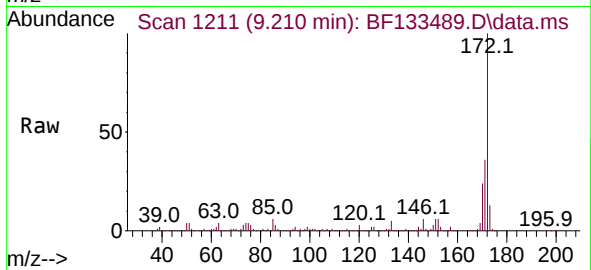
170 24.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#46

1,1'-Biphenyl

Concen: 53.336 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

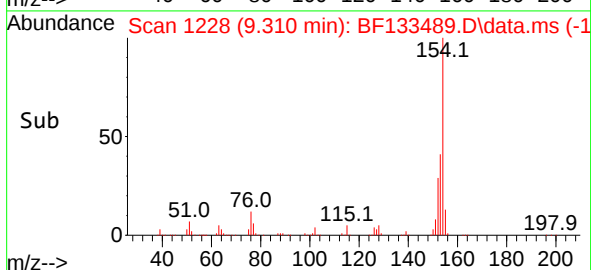
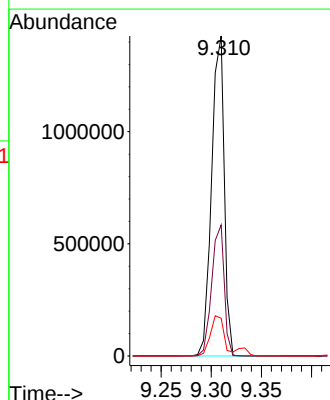
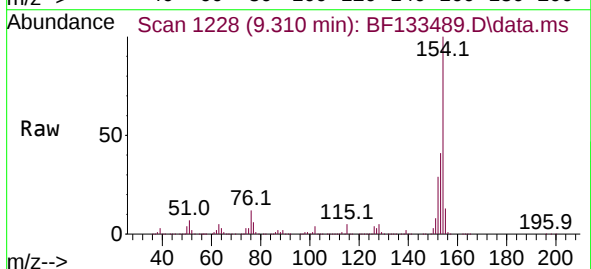
Tgt Ion:154 Resp: 1245468

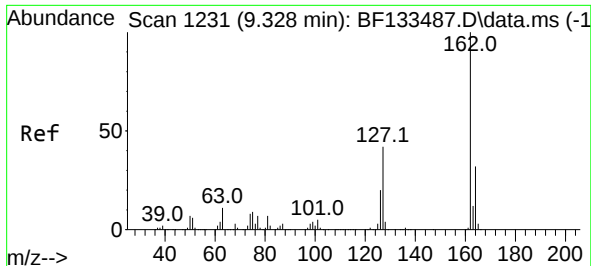
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 11.8 0.0 32.5





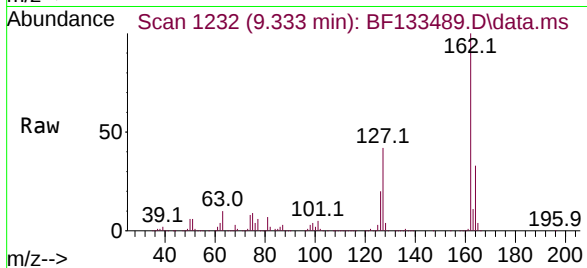
#47  
2-Chloronaphthalene  
Concen: 54.939 ng  
RT: 9.333 min Scan# 1231  
Delta R.T. 0.005 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

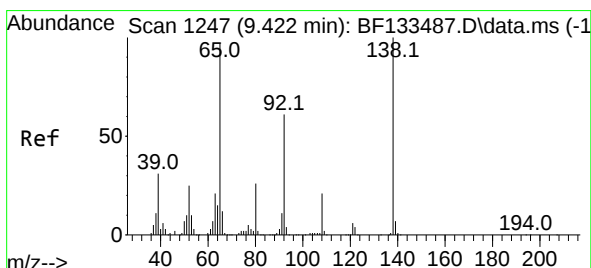
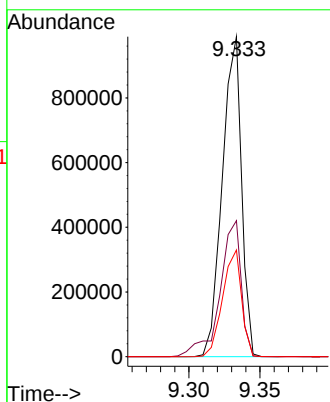
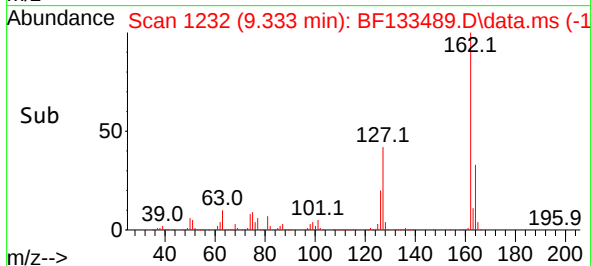


Tgt Ion:162 Resp: 929762  
Ion Ratio Lower Upper  
162 100  
127 42.5 33.2 49.8  
164 33.3 26.0 39.0

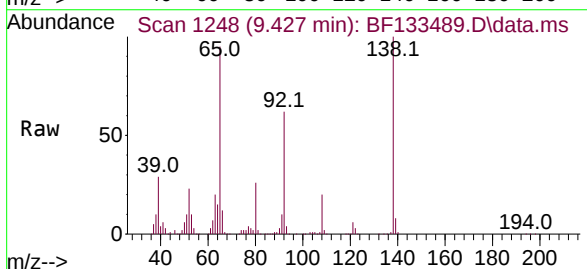
Manual Integrations

APPROVED

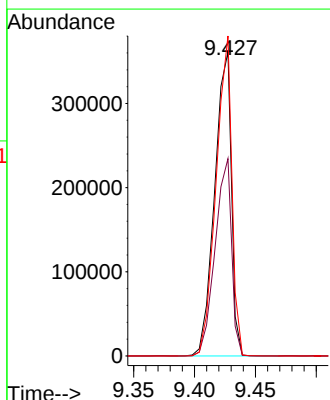
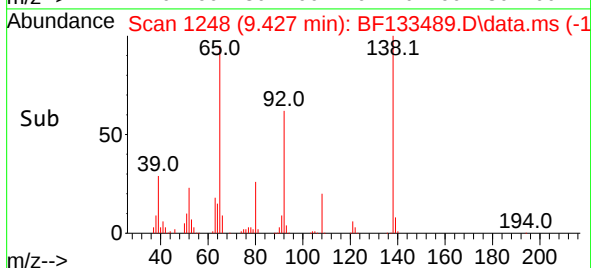
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

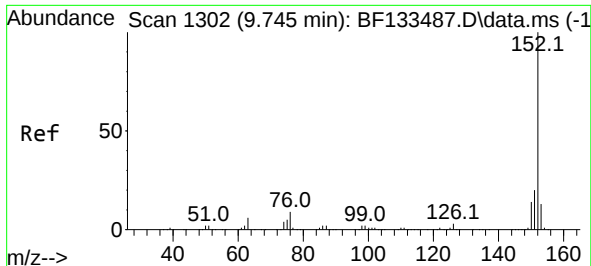


#48  
2-Nitroaniline  
Concen: 62.277 ng  
RT: 9.427 min Scan# 1248  
Delta R.T. 0.005 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion: 65 Resp: 345419  
Ion Ratio Lower Upper  
65 100  
92 64.9 50.8 76.2  
138 105.2 82.6 124.0





#49

Acenaphthylene

Concen: 55.063 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133489.D

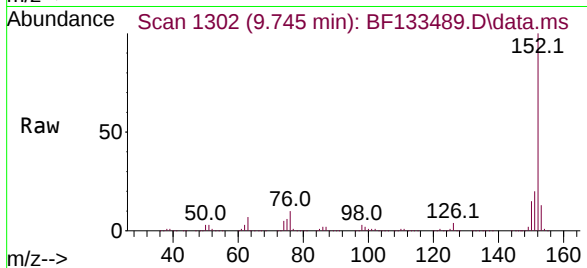
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 159024

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

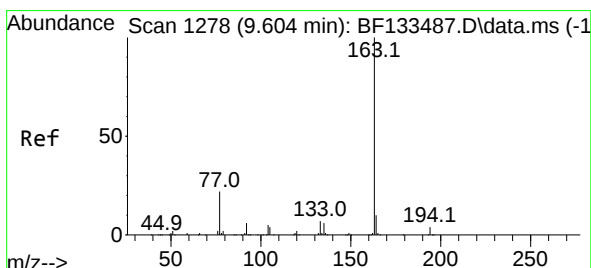
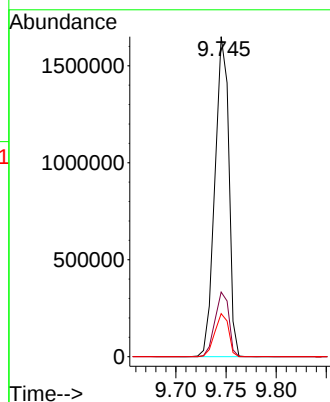
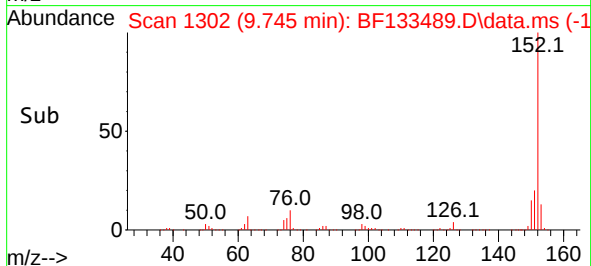
153 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#50

Dimethylphthalate

Concen: 57.006 ng

RT: 9.616 min Scan# 1280

Delta R.T. 0.012 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

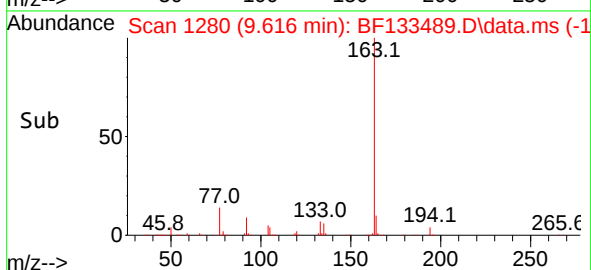
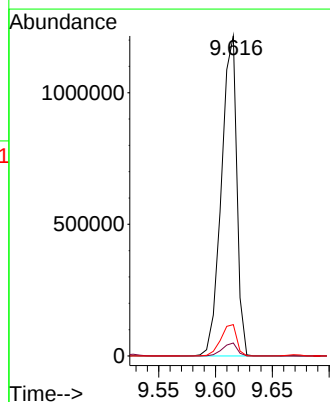
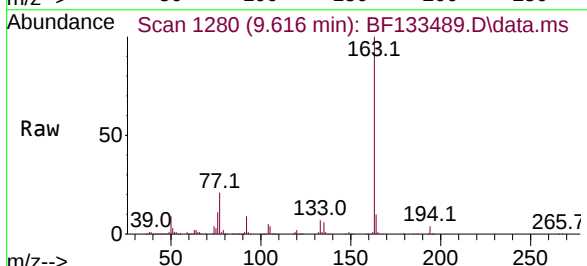
Tgt Ion:163 Resp: 1151552

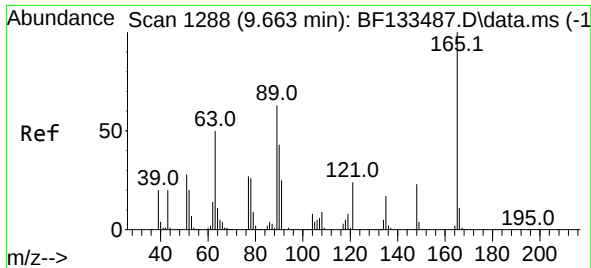
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.8 8.2 12.2





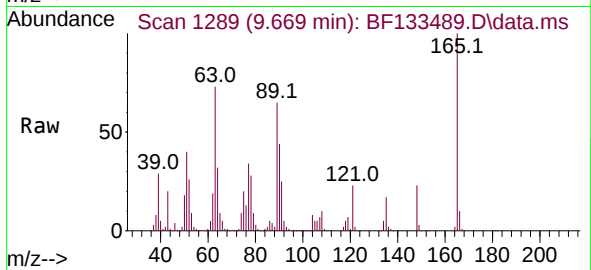
#51  
2,6-Dinitrotoluene  
Concen: 62.655 ng  
RT: 9.669 min Scan# 1288  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

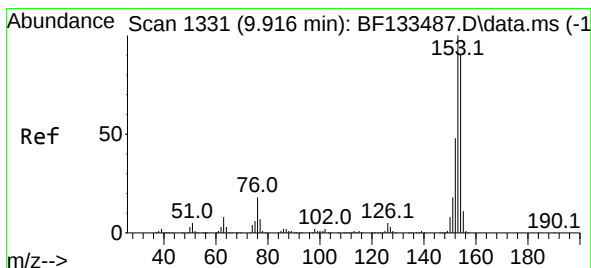
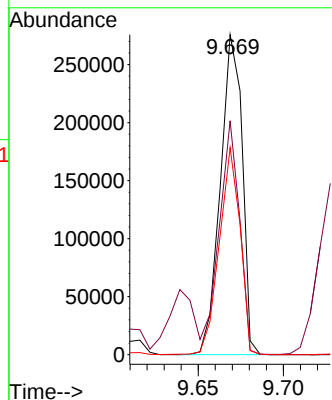
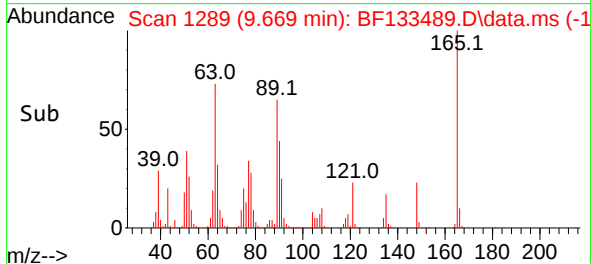


Tgt Ion:165 Resp: 24532  
Ion Ratio Lower Upper  
165 100  
63 73.1 57.0 85.4  
89 64.7 50.8 76.2

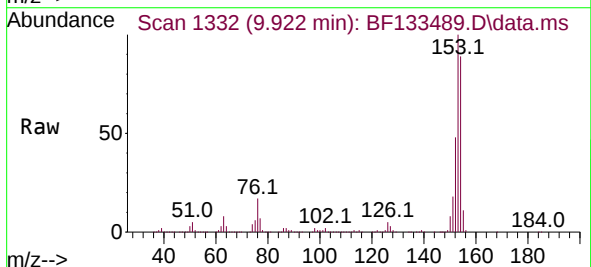
Manual Integrations

APPROVED

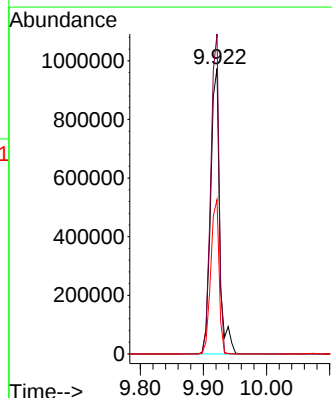
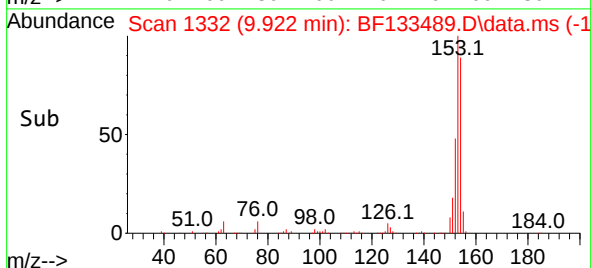
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

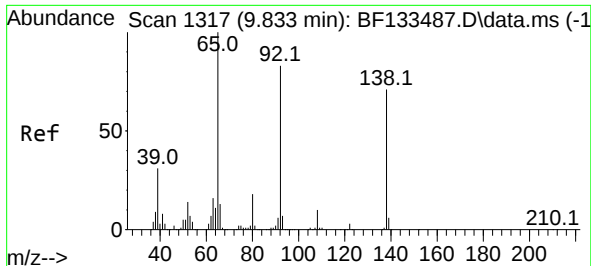


#52  
Acenaphthene  
Concen: 55.525 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



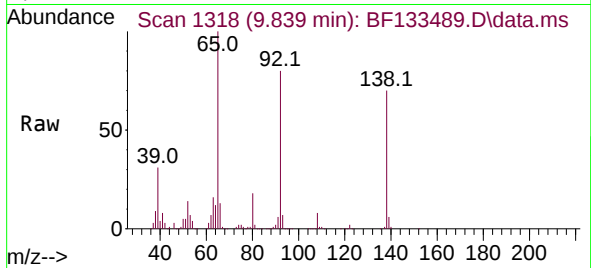
Tgt Ion:154 Resp: 971383  
Ion Ratio Lower Upper  
154 100  
153 112.1 89.2 133.8  
152 54.1 43.1 64.7





#53  
3-Nitroaniline  
Concen: 62.896 ng  
RT: 9.839 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

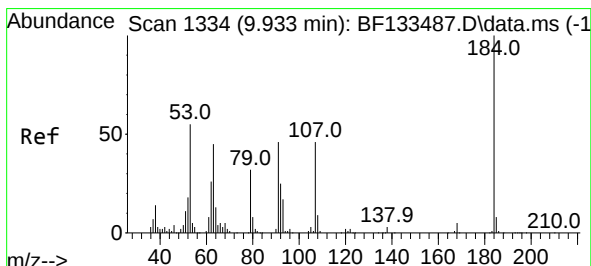
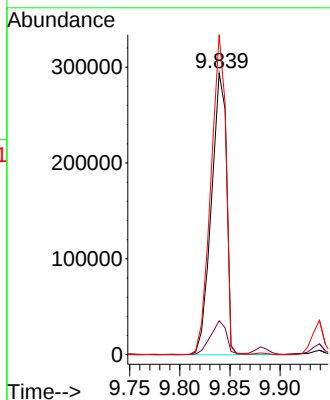
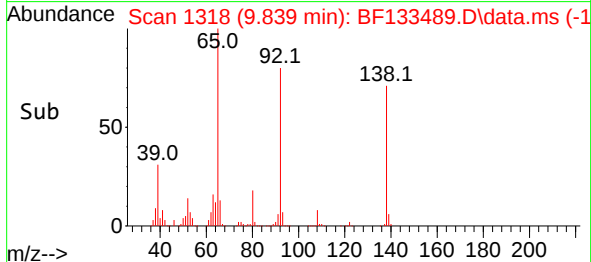
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



Tgt Ion:138 Resp: 30793  
Ion Ratio Lower Upper  
138 100  
108 12.1 11.9 17.9  
92 113.7 93.1 139.7

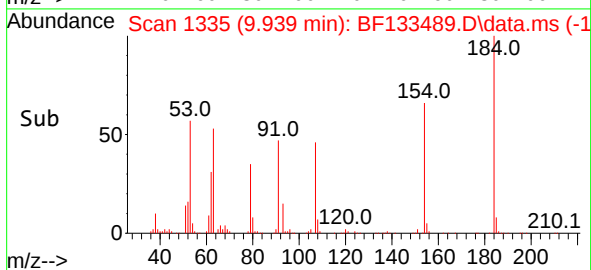
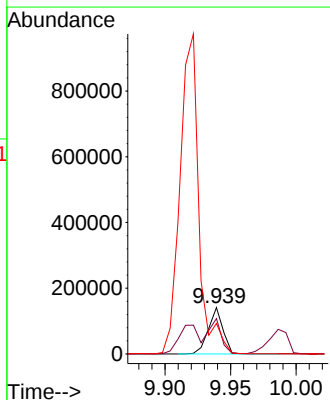
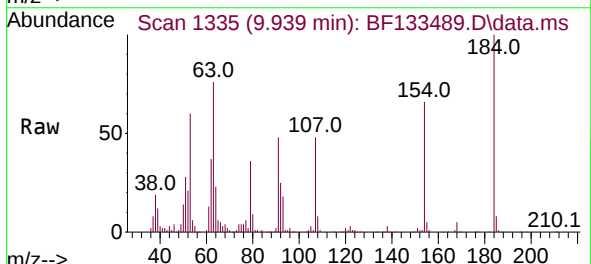
Manual Integrations  
APPROVED

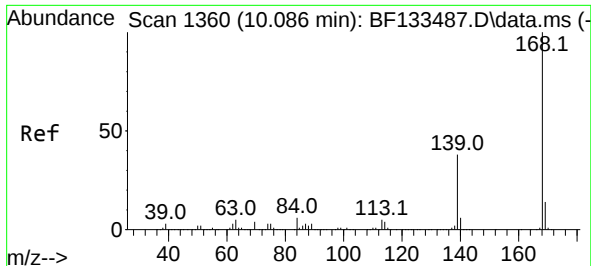
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#54  
2,4-Dinitrophenol  
Concen: 62.495 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

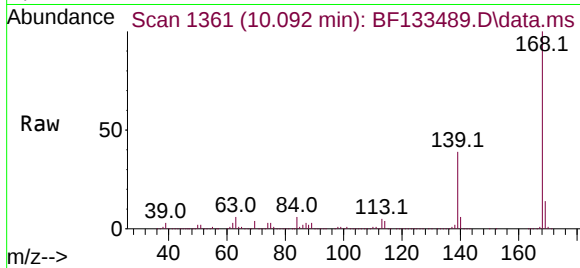
Tgt Ion:184 Resp: 109591  
Ion Ratio Lower Upper  
184 100  
63 76.2 55.7 83.5  
154 66.0 49.3 73.9





#55  
Dibenzofuran  
Concen: 53.518 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

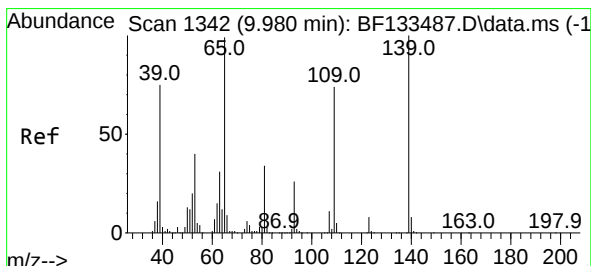
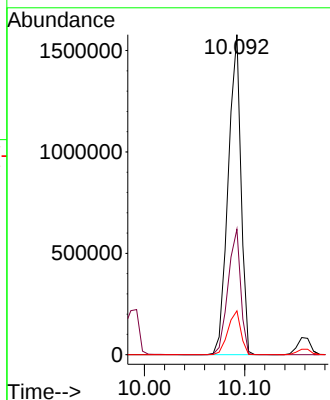
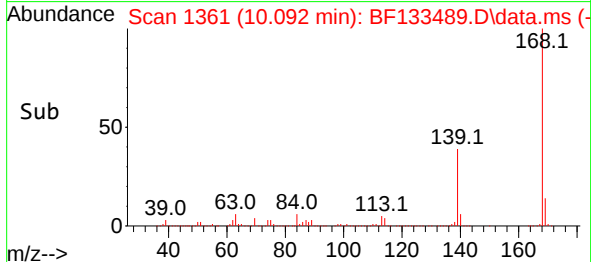
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC060



Tgt Ion:168 Resp: 1392948  
Ion Ratio Lower Upper  
168 100  
139 39.2 30.6 46.0  
169 13.7 10.9 16.3

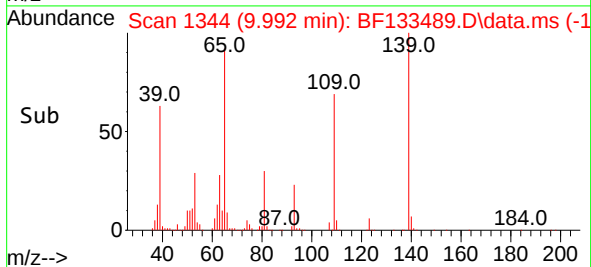
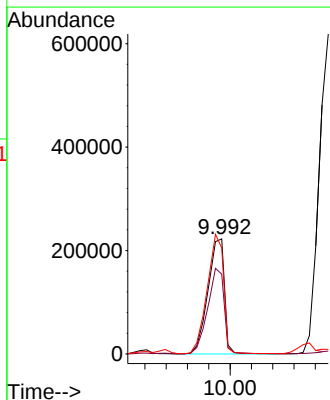
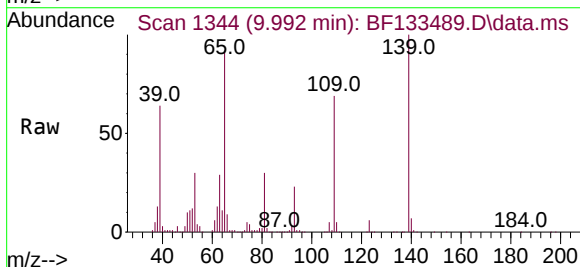
Manual Integrations  
APPROVED

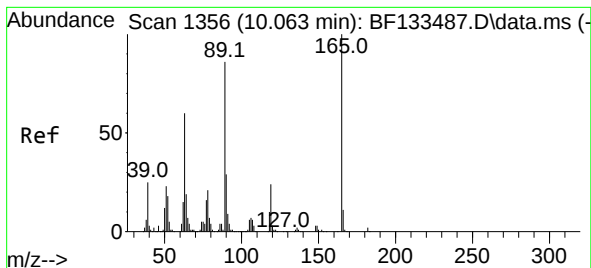
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#56  
4-Nitrophenol  
Concen: 69.760 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.012 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:139 Resp: 241099  
Ion Ratio Lower Upper  
139 100  
109 69.3 54.5 94.5  
65 92.1 79.5 119.5





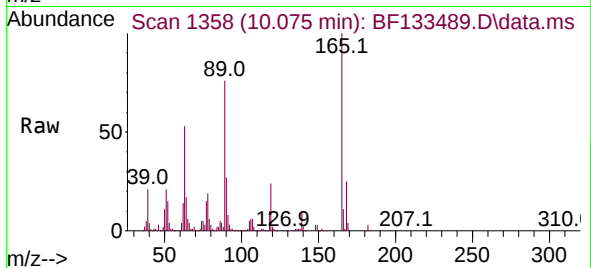
#57  
2,4-Dinitrotoluene  
Concen: 62.024 ng  
RT: 10.075 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

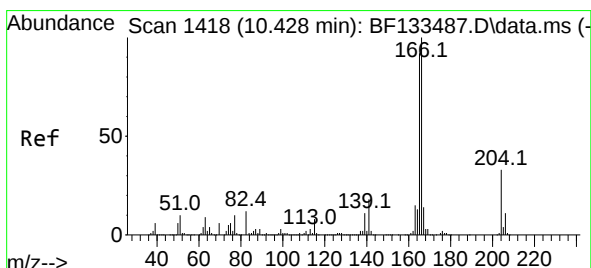
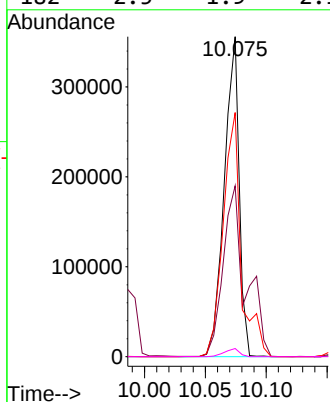
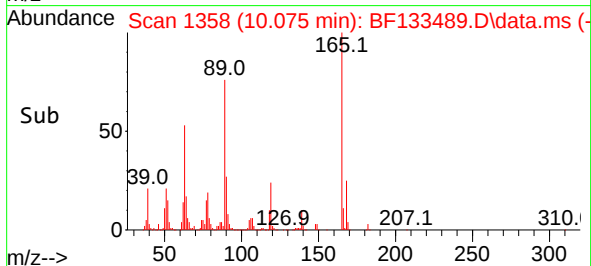


Tgt Ion:165 Resp: 303000  
Ion Ratio Lower Upper  
165 100  
63 53.4 48.1 72.1  
89 76.3 68.4 102.6  
182 2.5 1.9 2.9

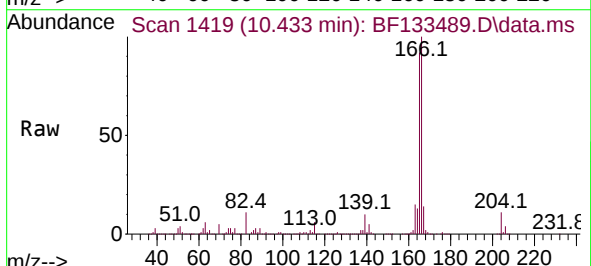
Manual Integrations

APPROVED

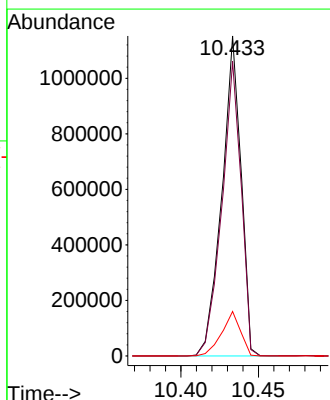
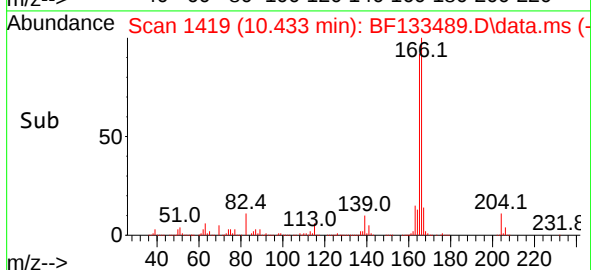
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

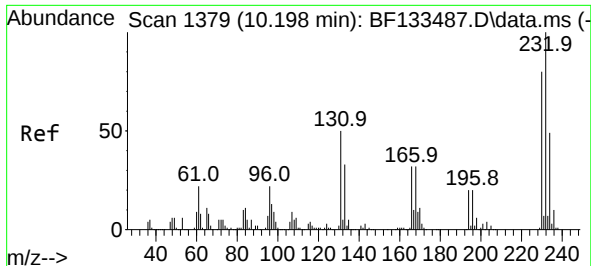


#58  
Fluorene  
Concen: 51.862 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



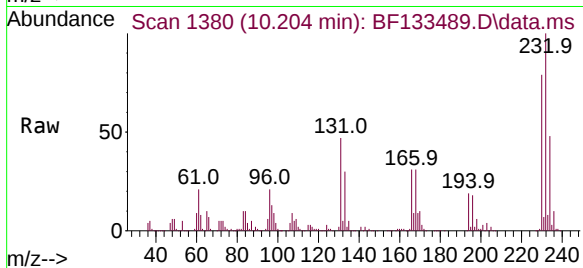
Tgt Ion:166 Resp: 988975  
Ion Ratio Lower Upper  
166 100  
165 92.0 73.4 110.0  
167 13.9 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 61.897 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

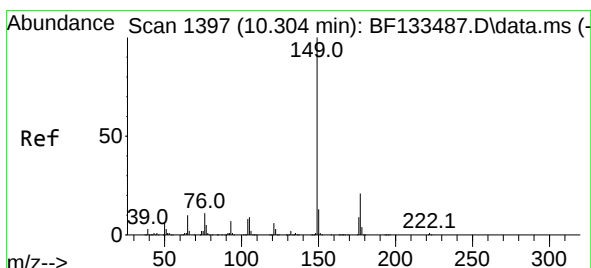
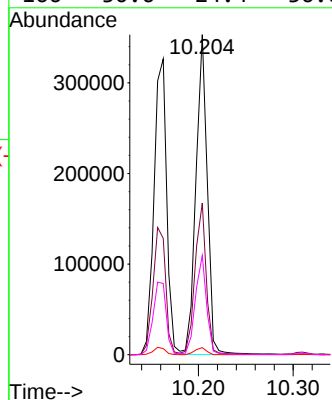
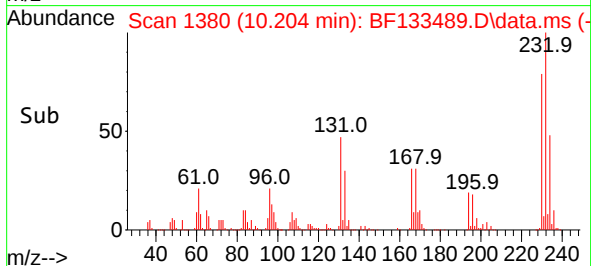
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



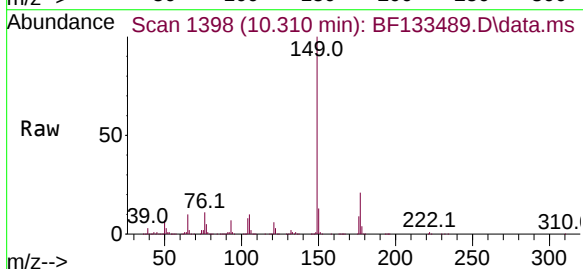
Tgt Ion:232 Resp: 294938  
Ion Ratio Lower Upper  
232 100  
131 47.0 37.9 56.9  
130 2.2 1.8 2.6  
166 30.6 24.4 36.6

Manual Integrations  
APPROVED

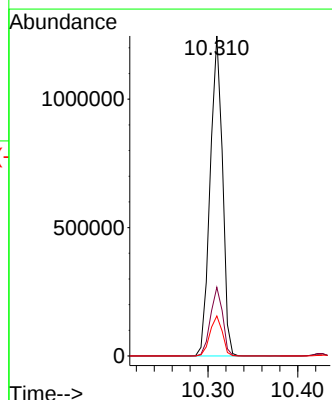
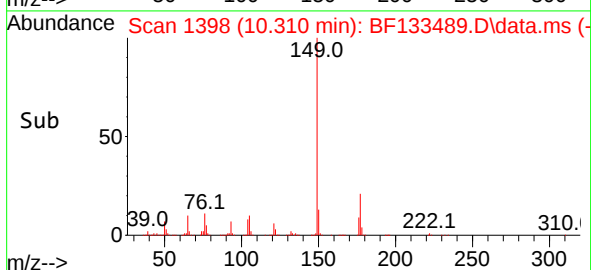
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

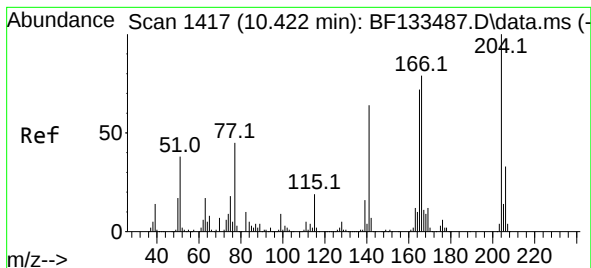


#60  
Diethylphthalate  
Concen: 56.513 ng  
RT: 10.310 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



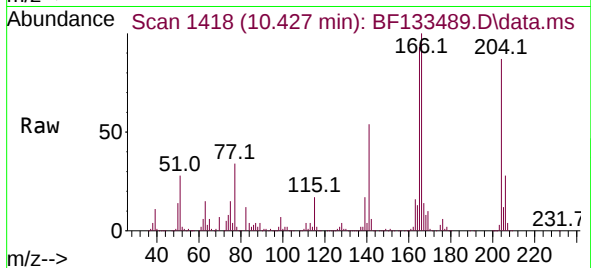
Tgt Ion:149 Resp: 1185103  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.1 25.7  
150 12.5 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 52.429 ng  
RT: 10.427 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

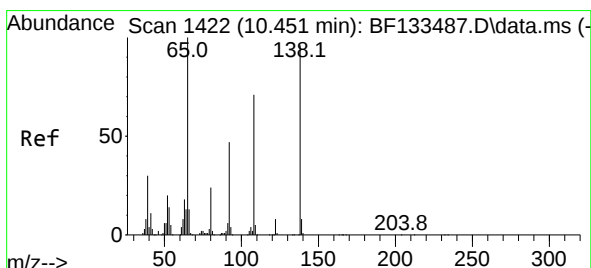
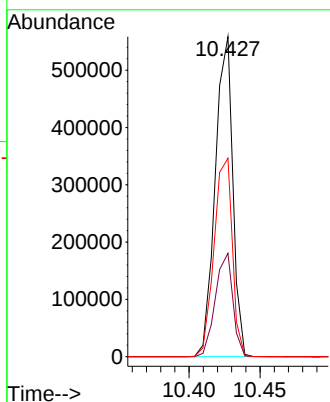
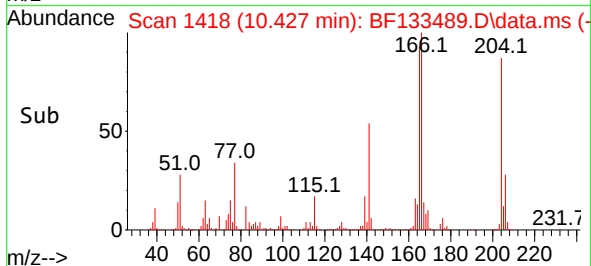
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



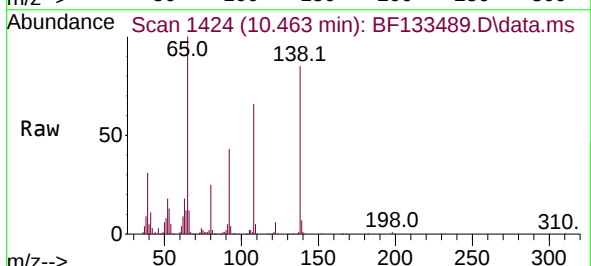
Tgt Ion:204 Resp: 4805  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.2 39.2  
141 62.0 51.4 77.2

Manual Integrations  
APPROVED

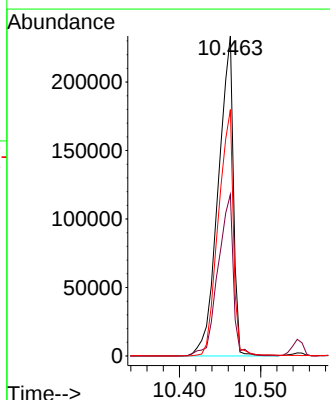
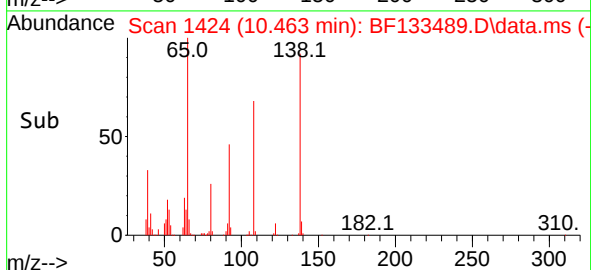
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

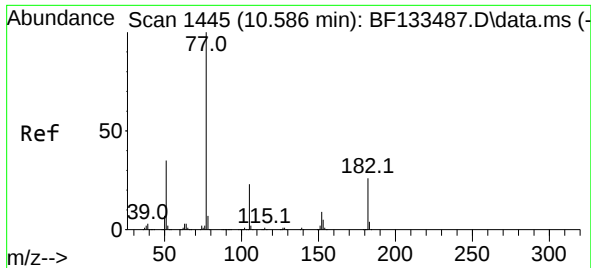


#62  
4-Nitroaniline  
Concen: 61.616 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.012 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



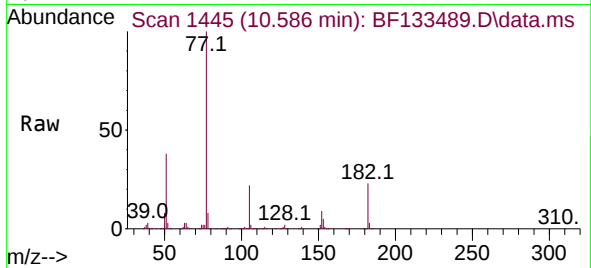
Tgt Ion:138 Resp: 303340  
Ion Ratio Lower Upper  
138 100  
92 50.5 28.4 68.4  
108 77.0 54.2 94.2





#63  
Azobenzene  
Concen: 56.051 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

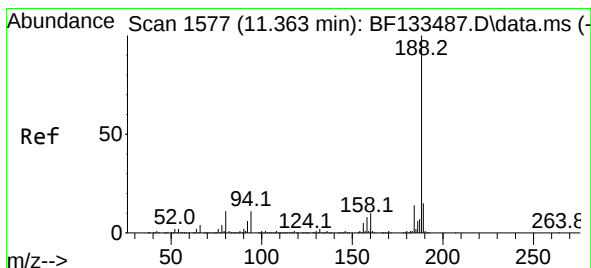
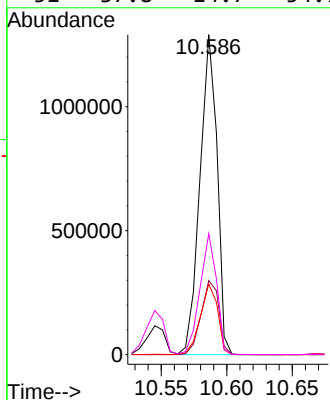
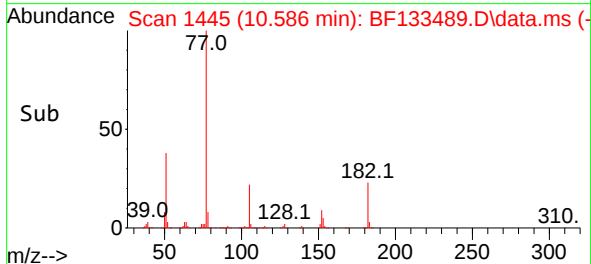
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



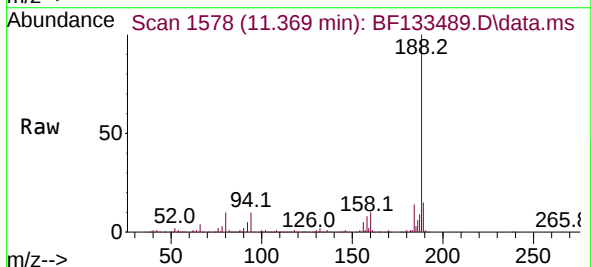
Tgt Ion: 77 Resp: 1176574  
Ion Ratio Lower Upper  
77 100  
182 23.2 5.6 45.6  
105 22.1 2.6 42.6  
51 37.8 14.7 54.7

Manual Integrations  
APPROVED

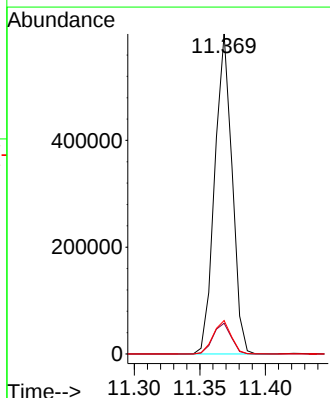
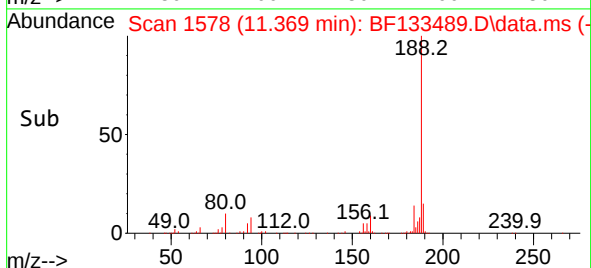
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

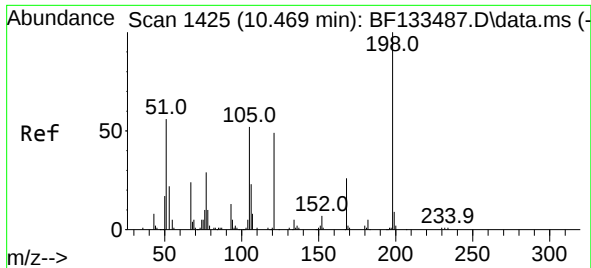


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion:188 Resp: 551496  
Ion Ratio Lower Upper  
188 100  
94 9.6 8.6 12.8  
80 10.5 9.2 13.8





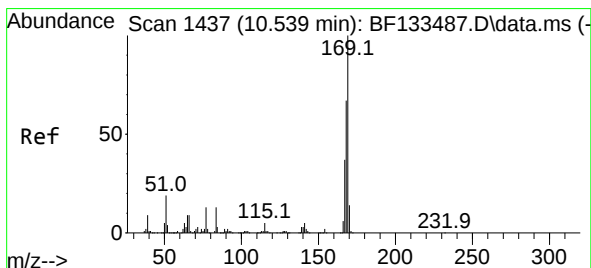
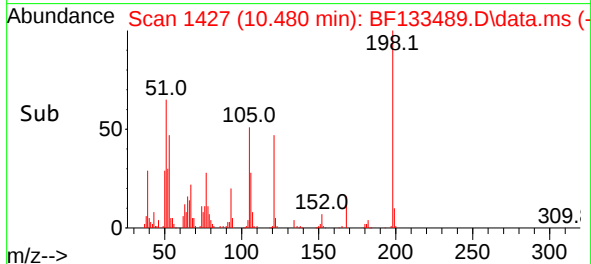
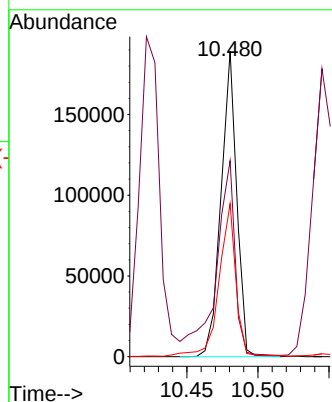
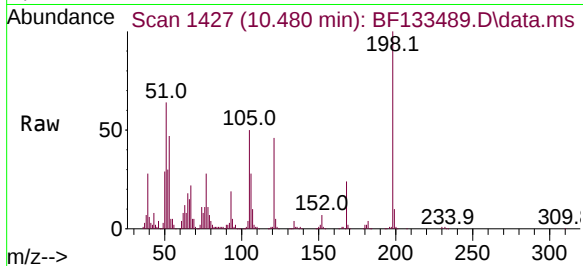
#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.368 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. 0.011 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:198 Resp: 145085  
Ion Ratio Lower Upper  
198 100  
51 64.1 53.6 93.6  
105 50.1 35.9 75.9

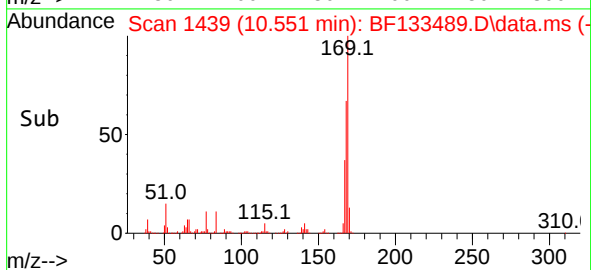
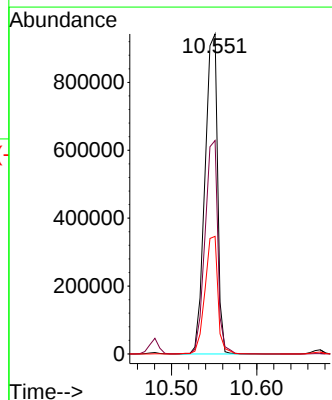
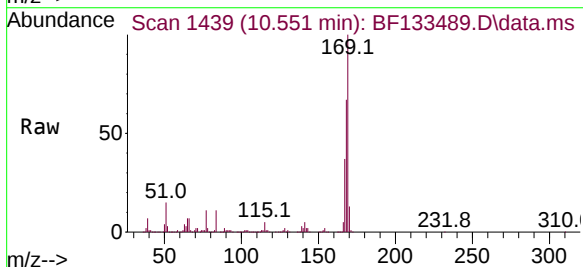
Manual Integrations  
APPROVED

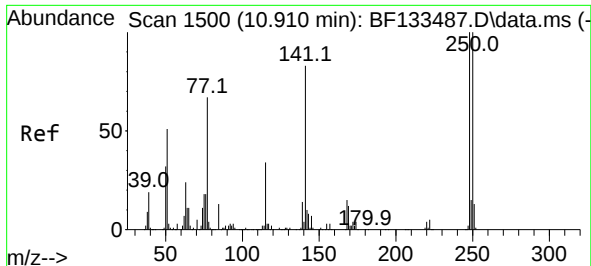
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#66  
n-Nitrosodiphenylamine  
Concen: 53.801 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. 0.012 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:169 Resp: 963282  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.7 80.5  
167 36.7 29.6 44.4





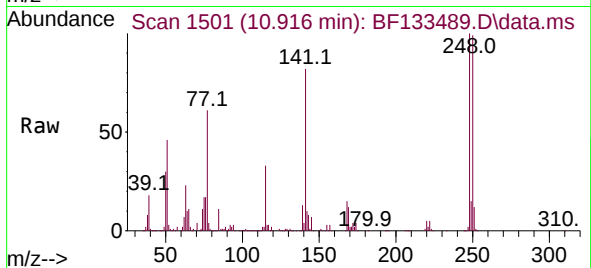
#67  
4-Bromophenyl-phenylether  
Concen: 54.936 ng  
RT: 10.916 min Scan# 1500  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

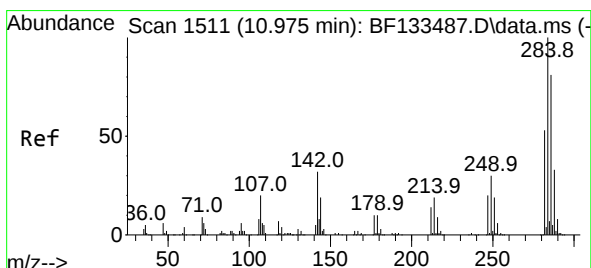
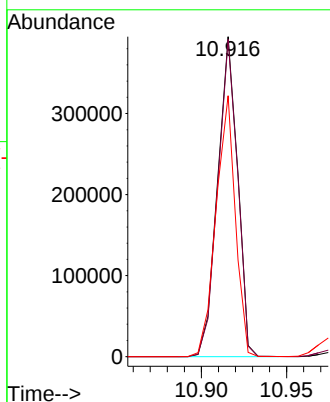
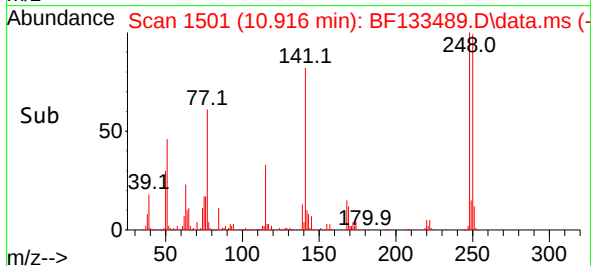


Tgt Ion:248 Resp: 321750  
Ion Ratio Lower Upper  
248 100  
250 99.2 79.7 119.5  
141 81.6 66.6 100.0

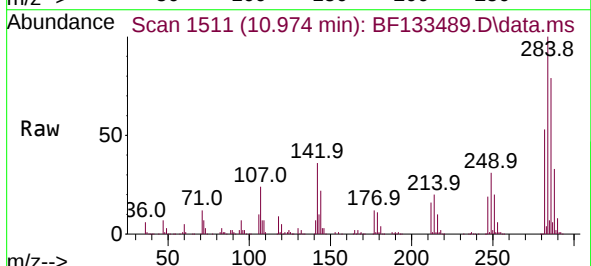
Manual Integrations

APPROVED

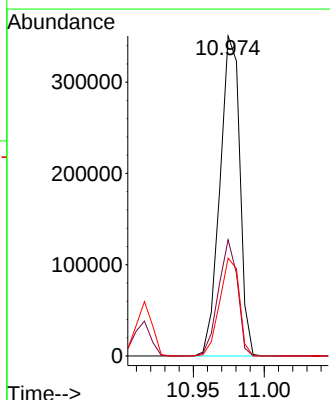
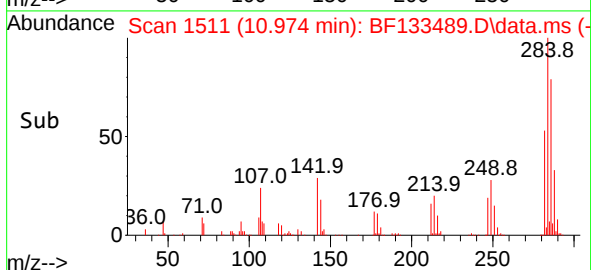
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

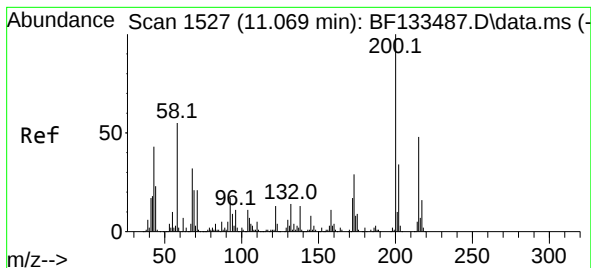


#68  
Hexachlorobenzene  
Concen: 55.618 ng  
RT: 10.974 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion:284 Resp: 340646  
Ion Ratio Lower Upper  
284 100  
142 36.3 25.8 38.6  
249 30.6 24.4 36.6





#69

Atrazine

Concen: 55.374 ng

RT: 11.074 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

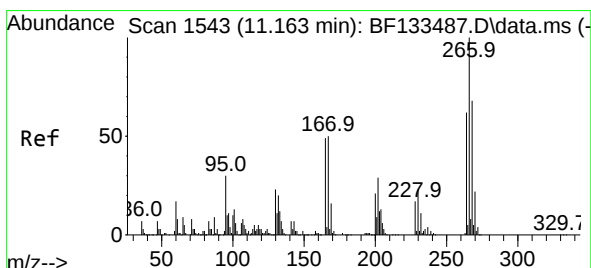
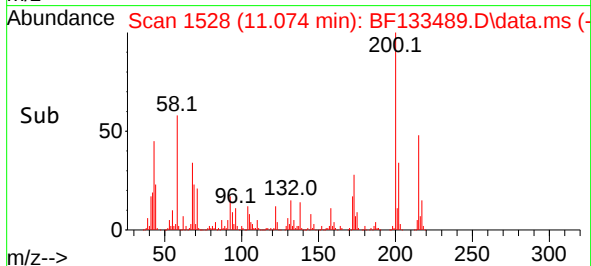
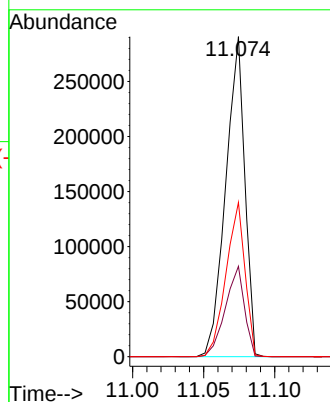
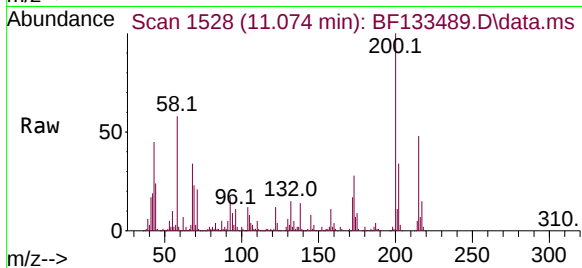
SSTDICC060

Tgt Ion:200 Resp: 272029  
 Ion Ratio Lower Upper  
 200 100  
 173 28.3 9.0 49.0  
 215 48.2 27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023  
 Supervised By :Jagrut Upadhyay 05/26/2023



#70

Pentachlorophenol

Concen: 65.955 ng

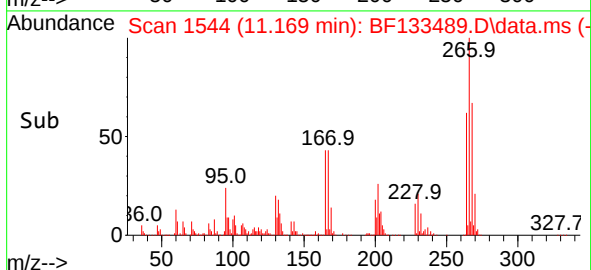
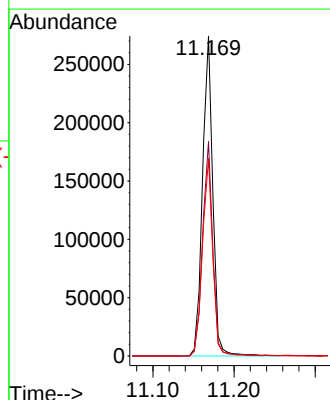
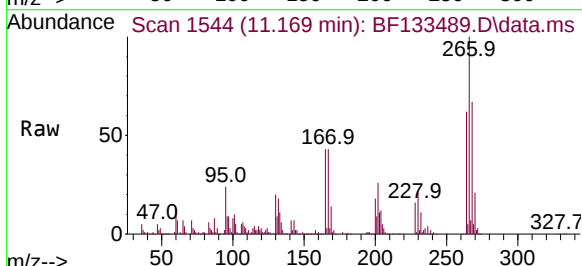
RT: 11.169 min Scan# 1544

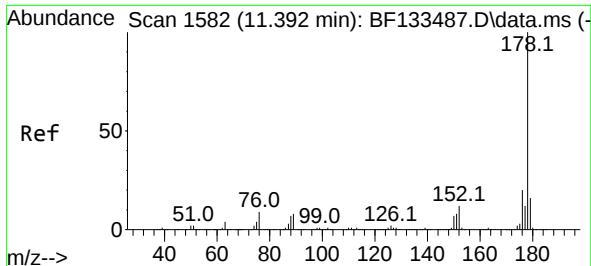
Delta R.T. 0.006 min

Lab File: BF133489.D

Acq: 25 May 2023 14:08

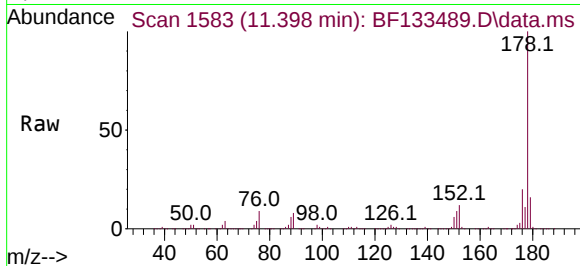
Tgt Ion:266 Resp: 241542  
 Ion Ratio Lower Upper  
 266 100  
 268 67.0 54.6 82.0  
 264 61.7 49.2 73.8





#71  
Phenanthrene  
Concen: 53.225 ng  
RT: 11.398 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

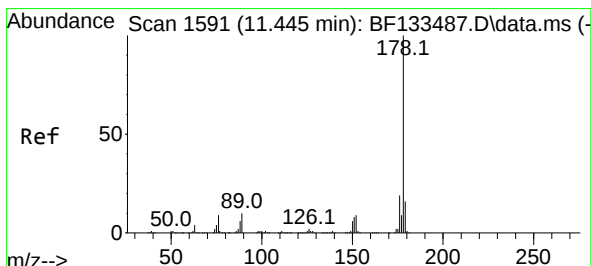
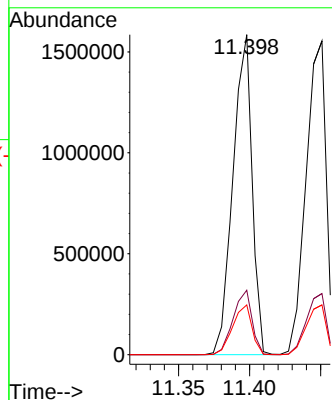
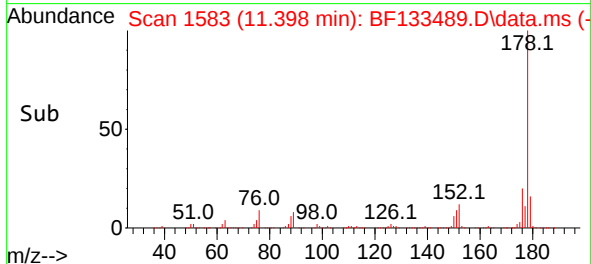
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



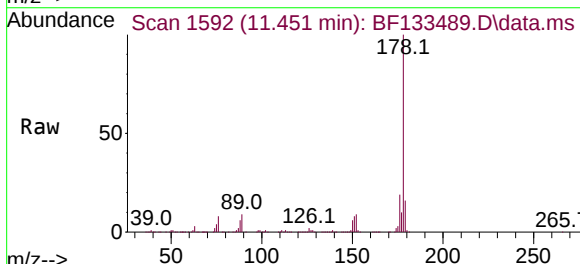
Tgt Ion:178 Resp: 1486711  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.6 23.4  
179 15.5 12.4 18.6

Manual Integrations  
APPROVED

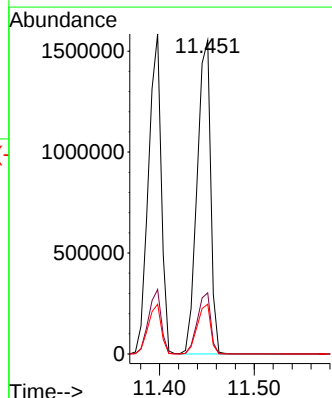
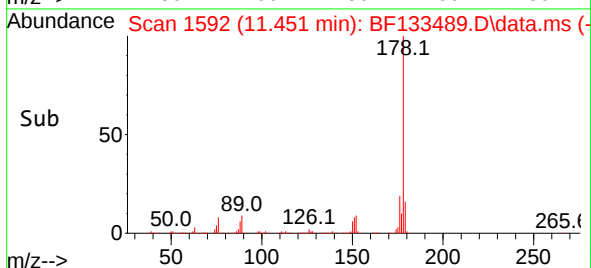
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

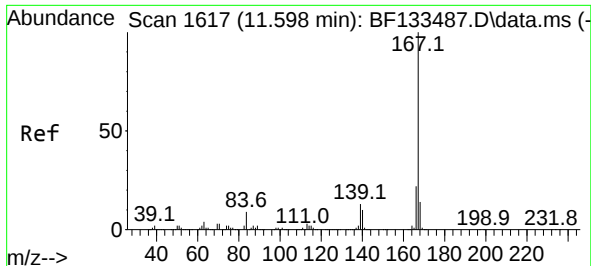


#72  
Anthracene  
Concen: 53.504 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



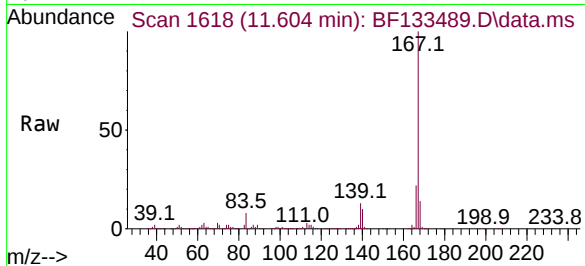
Tgt Ion:178 Resp: 1538145  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.3 22.9  
179 15.8 12.6 18.8





#73  
 Carbazole  
 Concen: 54.262 ng  
 RT: 11.604 min Scan# 1618  
 Delta R.T. 0.006 min  
 Lab File: BF133489.D  
 Acq: 25 May 2023 14:08

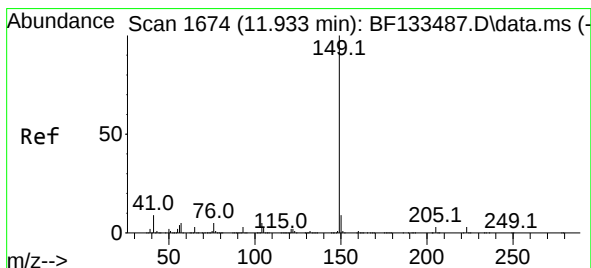
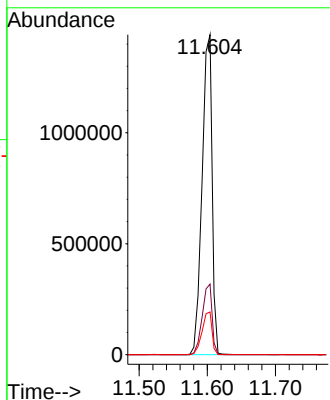
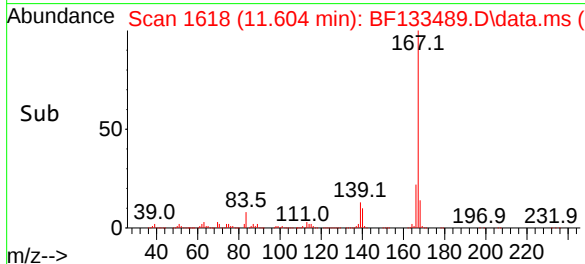
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060



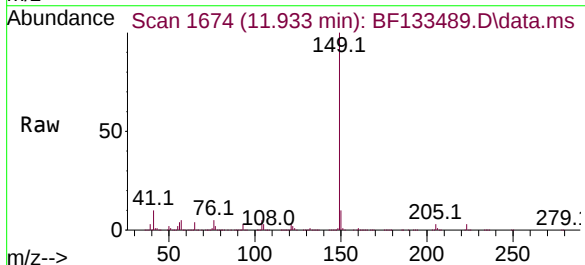
Tgt Ion:167 Resp: 147524  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.3 25.9  
 139 13.4 10.7 16.1

Manual Integrations  
 APPROVED

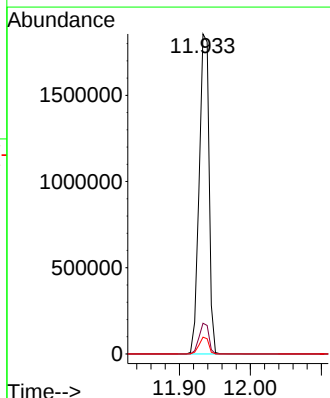
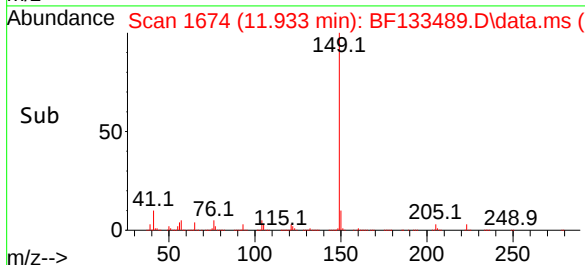
Reviewed By :Christian Giraldo 05/26/2023  
 Supervised By :Jagrut Upadhyay 05/26/2023

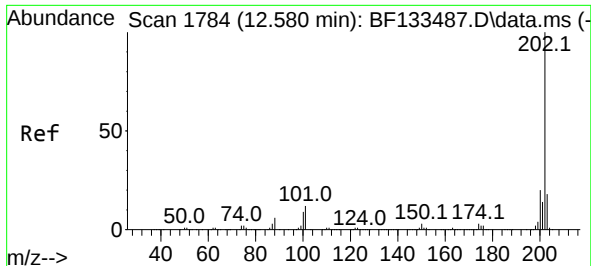


#74  
 Di-n-butylphthalate  
 Concen: 55.922 ng  
 RT: 11.933 min Scan# 1674  
 Delta R.T. -0.000 min  
 Lab File: BF133489.D  
 Acq: 25 May 2023 14:08



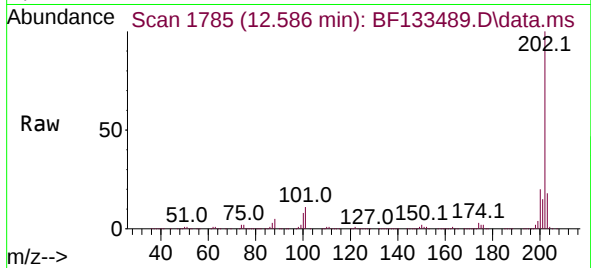
Tgt Ion:149 Resp: 1797818  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.2  
 104 5.3 3.9 5.9





#75  
Fluoranthene  
Concen: 54.007 ng  
RT: 12.586 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

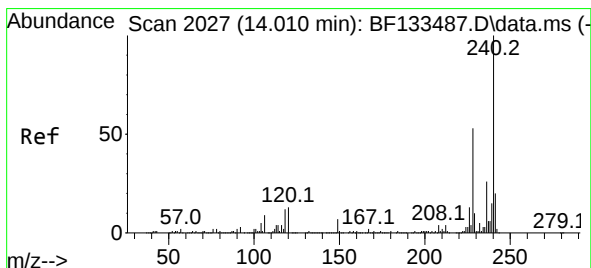
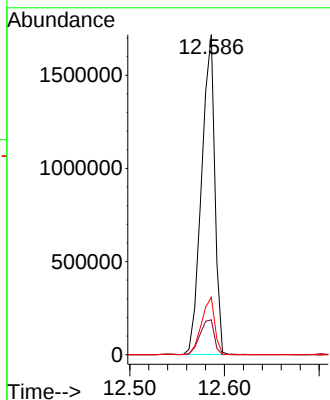
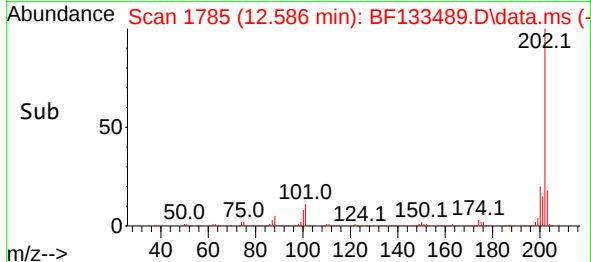
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



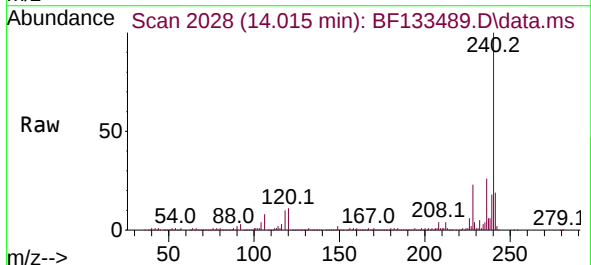
Tgt Ion:202 Resp: 166634  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 32.2  
203 17.9 0.0 37.8

Manual Integrations  
APPROVED

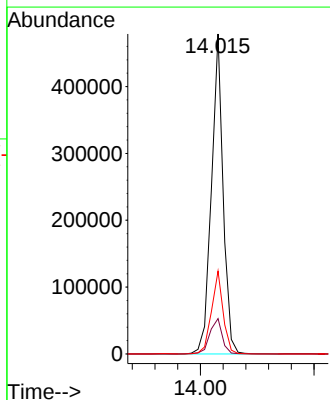
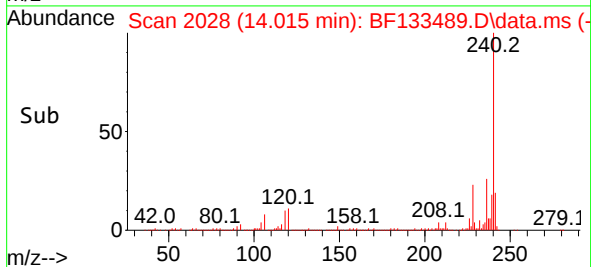
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

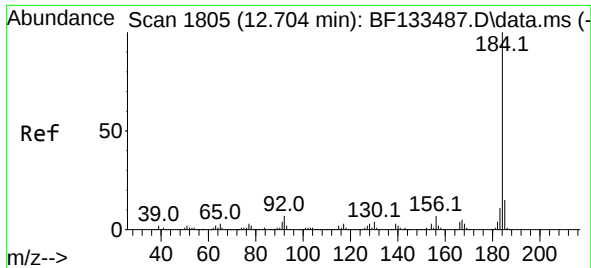


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



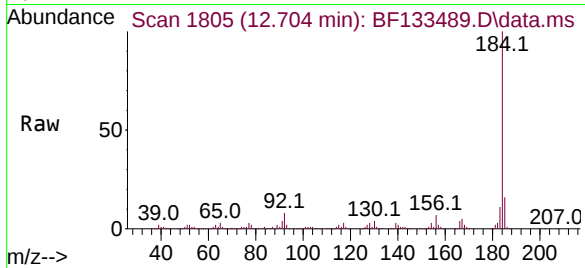
Tgt Ion:240 Resp: 341147  
Ion Ratio Lower Upper  
240 100  
120 11.0 10.3 15.5  
236 25.9 20.5 30.7





#77  
Benzidine  
Concen: 44.336 ng  
RT: 12.704 min Scan# 1805  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

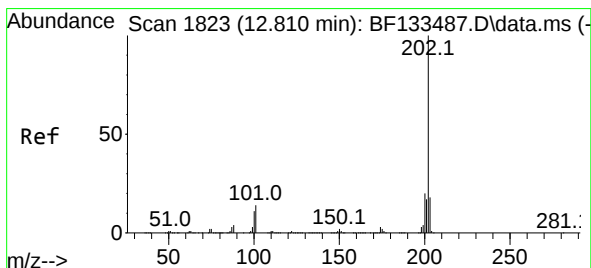
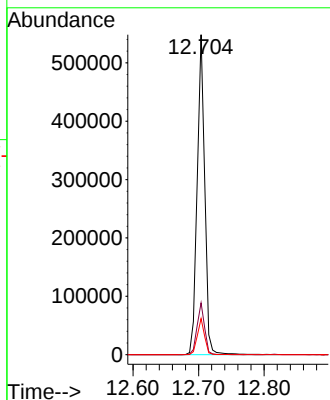
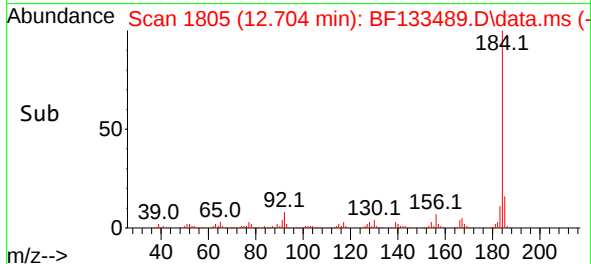
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



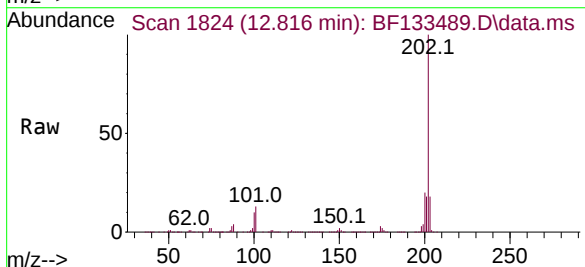
Tgt Ion:184 Resp: 442377  
Ion Ratio Lower Upper  
184 100  
185 16.2 12.2 18.2  
183 11.3 8.7 13.1

Manual Integrations  
APPROVED

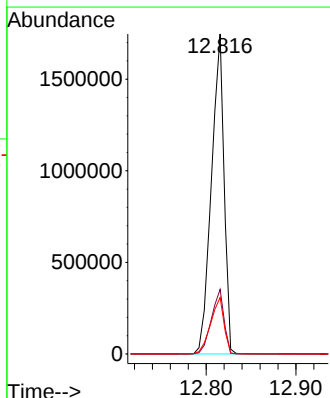
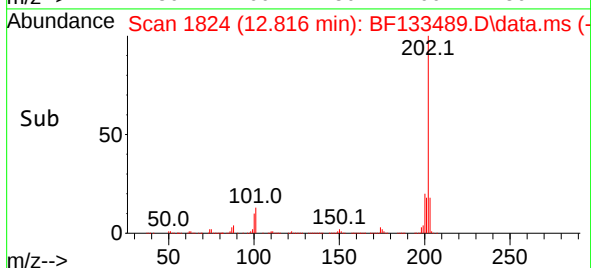
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

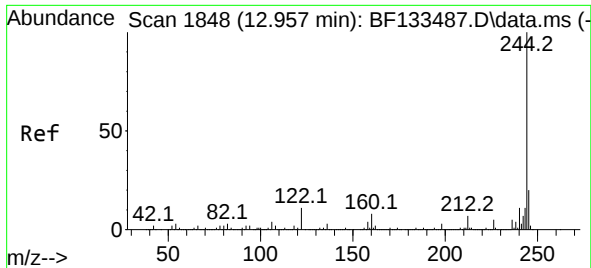


#78  
Pyrene  
Concen: 58.790 ng  
RT: 12.816 min Scan# 1824  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



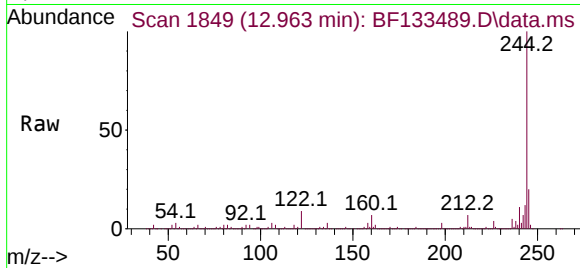
Tgt Ion:202 Resp: 1706667  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.3 24.5  
203 17.7 14.3 21.5





#79  
Terphenyl-d14  
Concen: 113.282 ng  
RT: 12.963 min Scan# 1848  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

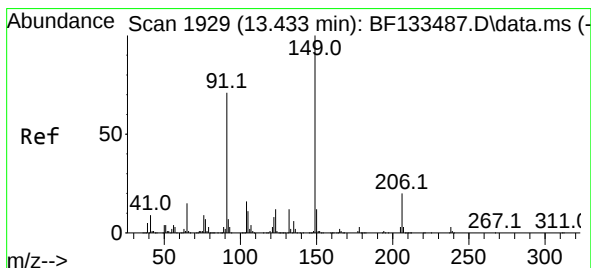
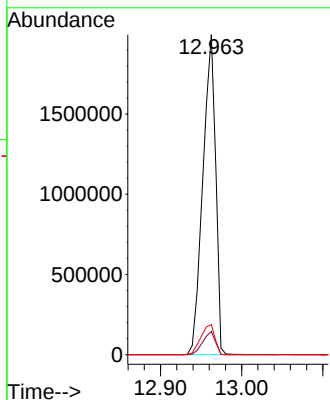
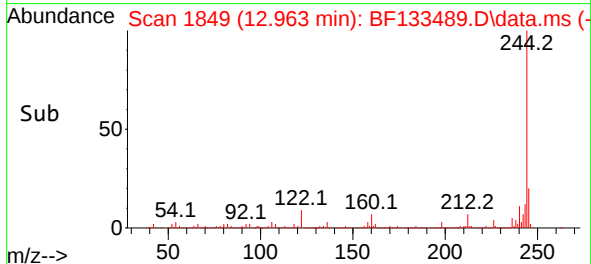
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



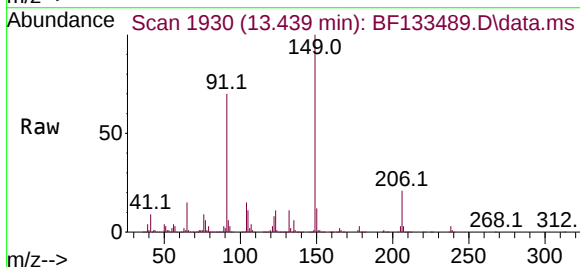
Tgt Ion:244 Resp: 2173574  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.6  
122 9.4 8.5 12.7

Manual Integrations  
APPROVED

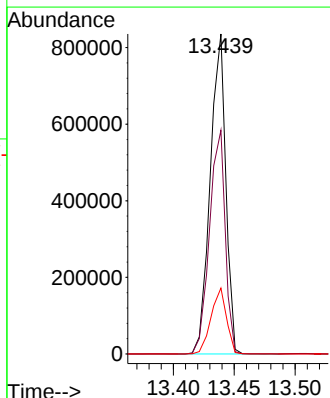
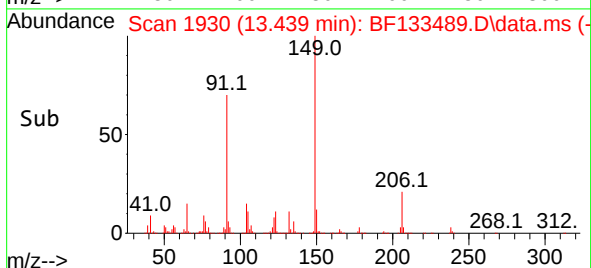
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

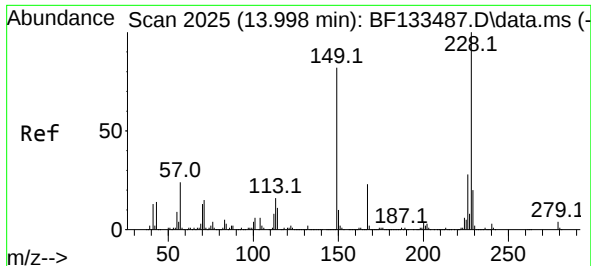


#80  
Butylbenzylphthalate  
Concen: 64.578 ng  
RT: 13.439 min Scan# 1930  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion:149 Resp: 741746  
Ion Ratio Lower Upper  
149 100  
91 69.9 56.9 85.3  
206 20.6 15.7 23.5





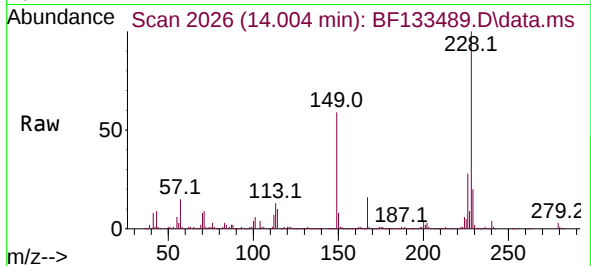
#81  
Benzo(a)anthracene  
Concen: 55.071 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

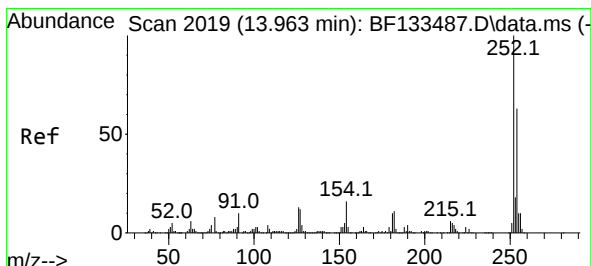
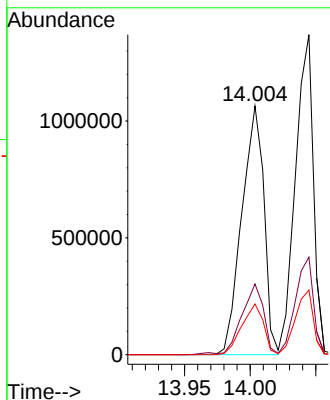
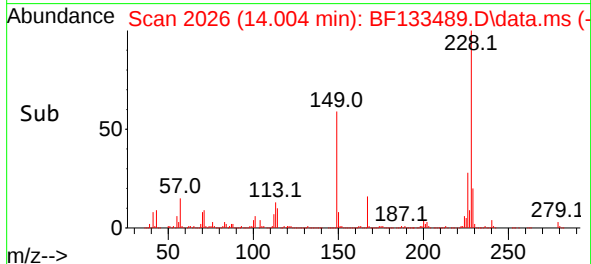


Tgt Ion:228 Resp: 125154  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.3 33.5  
229 20.4 16.1 24.1

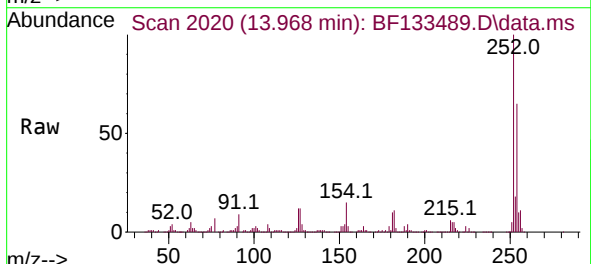
Manual Integrations

APPROVED

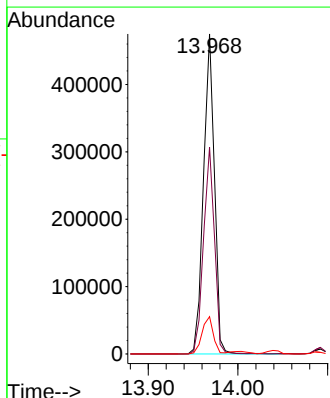
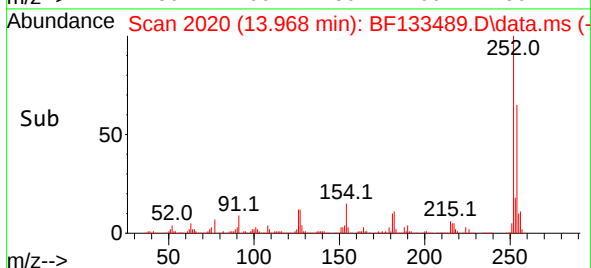
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

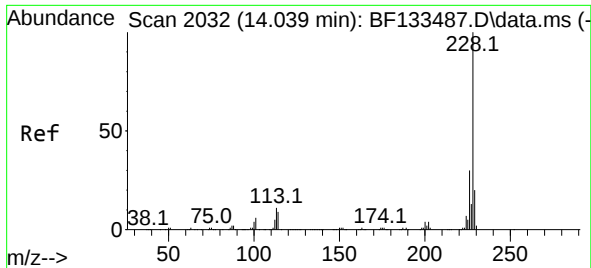


#82  
3,3'-Dichlorobenzidine  
Concen: 56.483 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



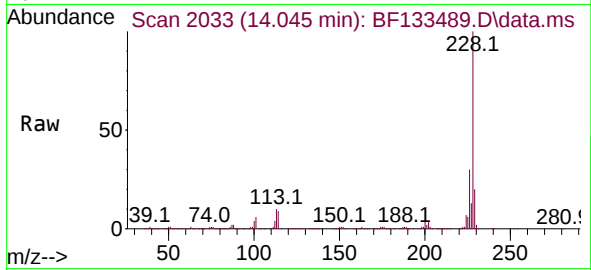
Tgt Ion:252 Resp: 401275  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.3 75.5  
126 11.7 10.5 15.7





#83  
Chrysene  
Concen: 56.837 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

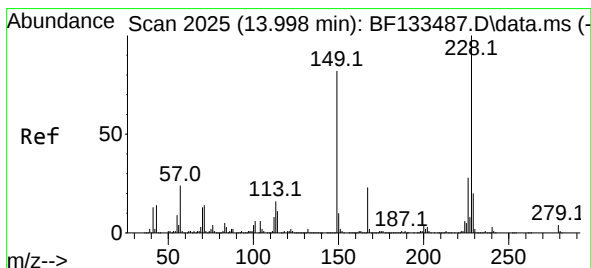
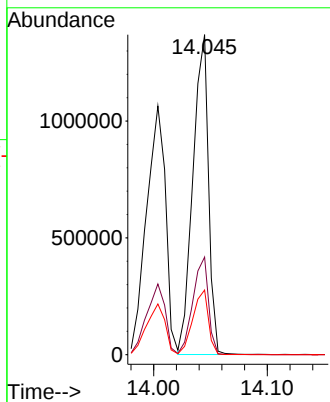
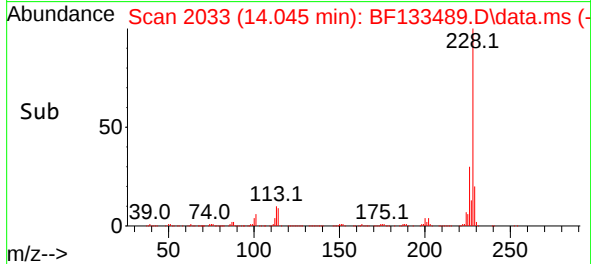
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



Tgt Ion:228 Resp: 1303960  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.1 36.1  
229 20.2 15.8 23.8

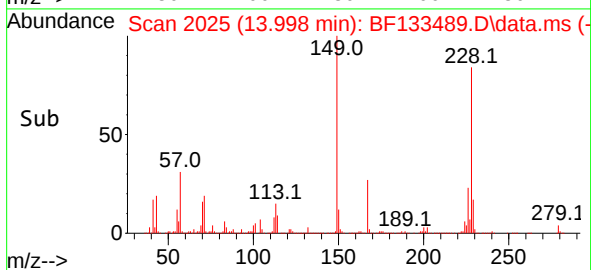
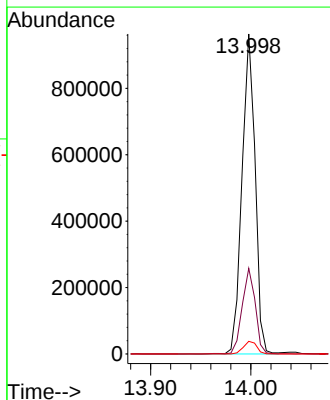
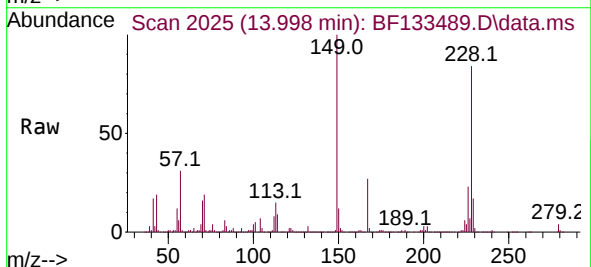
Manual Integrations  
APPROVED

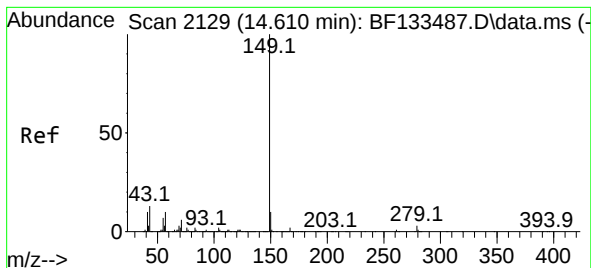
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 61.333 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

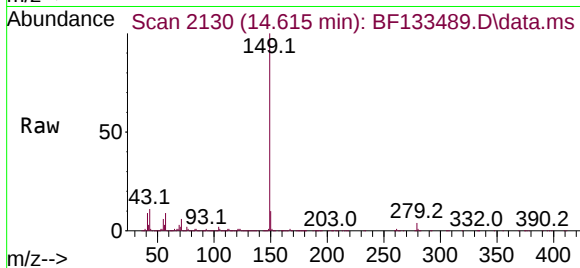
Tgt Ion:149 Resp: 880567  
Ion Ratio Lower Upper  
149 100  
167 26.8 22.0 33.0  
279 4.0 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 64.232 ng  
RT: 14.615 min Scan# 2129  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

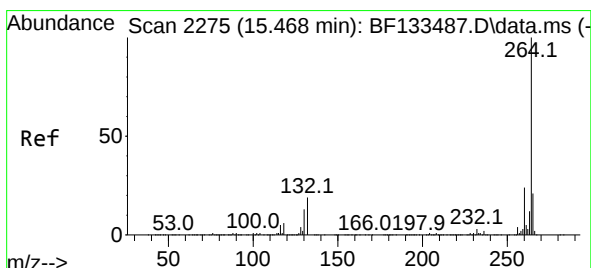
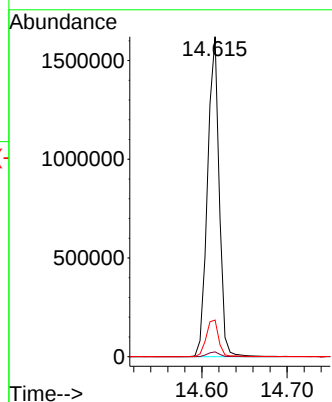
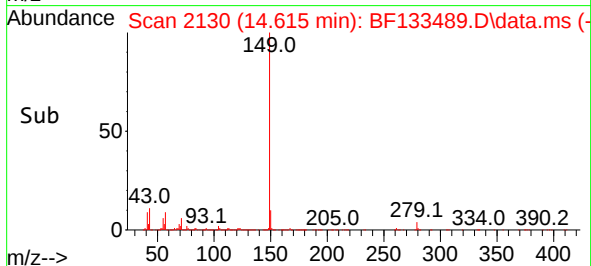
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



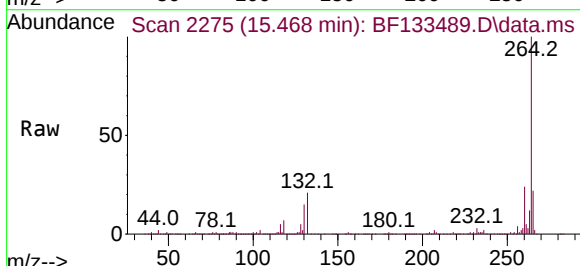
Tgt Ion:149 Resp: 1536215  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.4 10.0 15.0

Manual Integrations  
APPROVED

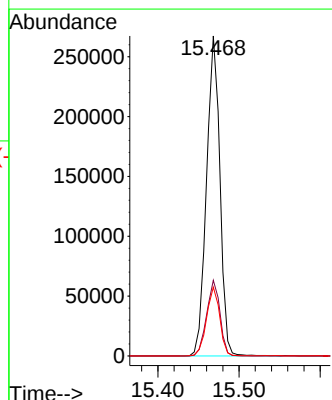
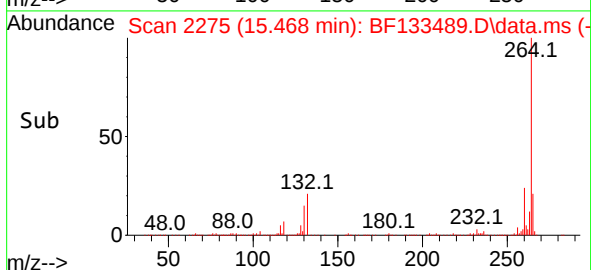
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023

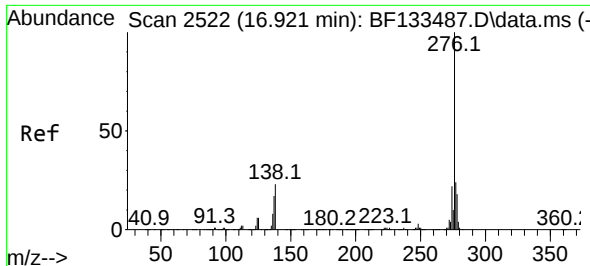


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.468 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion:264 Resp: 305572  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.0 28.4  
265 21.5 16.8 25.2





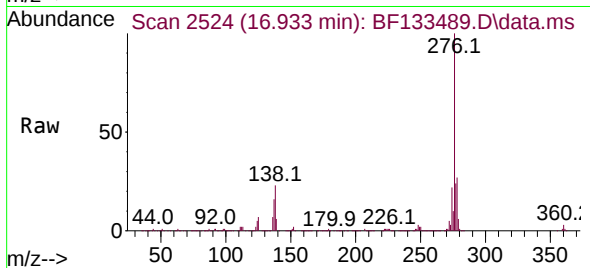
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 65.221 ng  
 RT: 16.933 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BF133489.D  
 Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

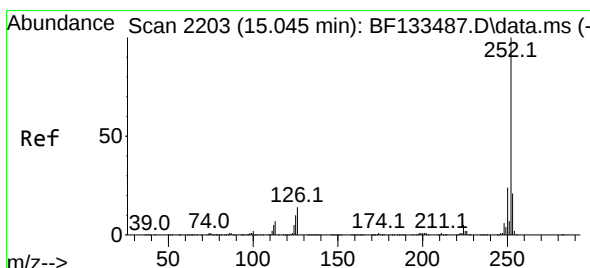
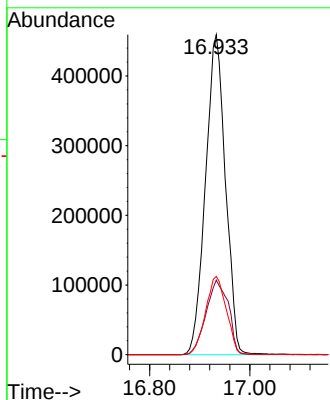
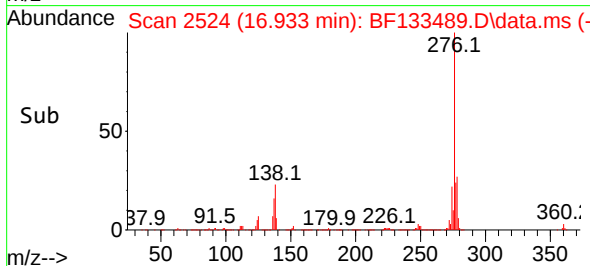


Tgt Ion:276 Resp: 1269498  
 Ion Ratio Lower Upper  
 276 100  
 138 26.1 21.4 32.2  
 277 25.4 20.0 30.0

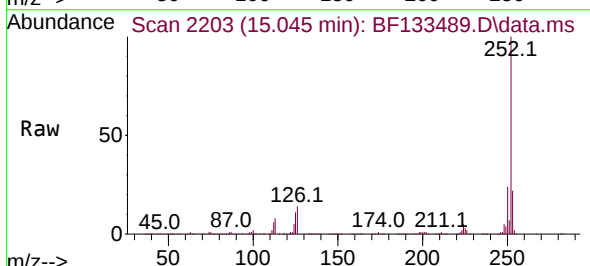
Manual Integrations

APPROVED

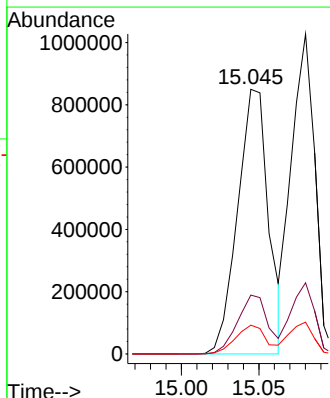
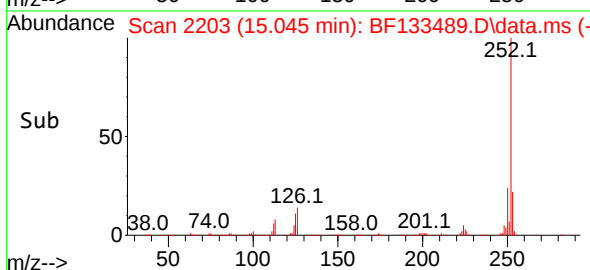
Reviewed By :Christian Giraldo 05/26/2023  
 Supervised By :Jagrut Upadhyay 05/26/2023

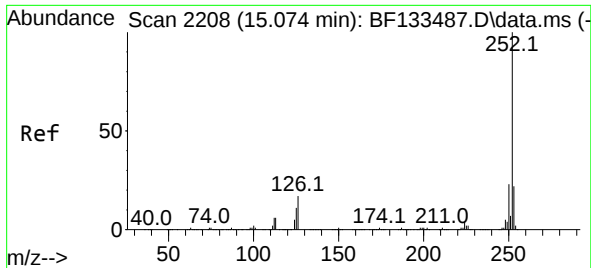


#88  
 Benzo(b)fluoranthene  
 Concen: 59.196 ng  
 RT: 15.045 min Scan# 2203  
 Delta R.T. -0.000 min  
 Lab File: BF133489.D  
 Acq: 25 May 2023 14:08



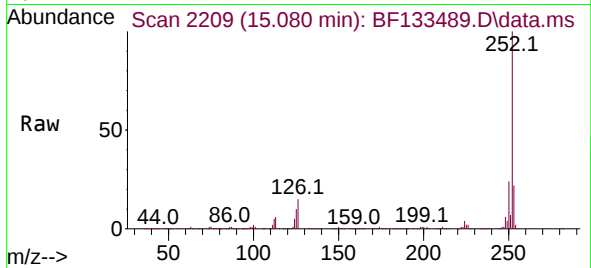
Tgt Ion:252 Resp: 1177886  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.2 25.8  
 125 10.9 8.1 12.1





#89  
Benzo(k)fluoranthene  
Concen: 55.865 ng  
RT: 15.080 min Scan# 2209  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

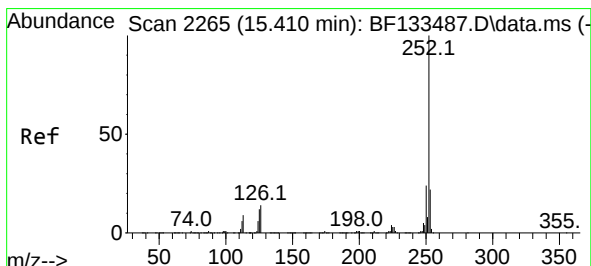
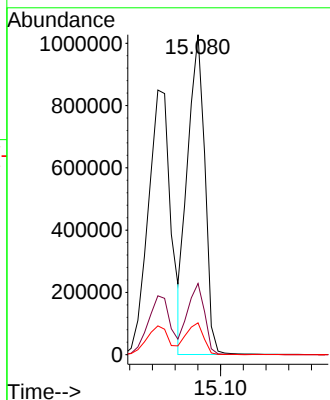
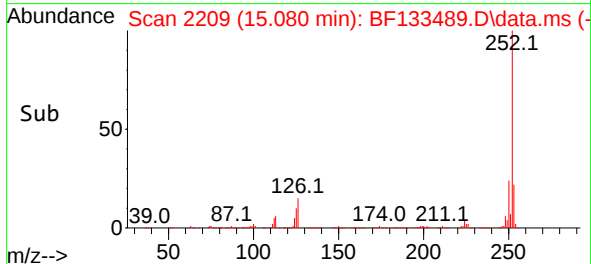
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



Tgt Ion:252 Resp: 1083890  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 10.0 8.3 12.5

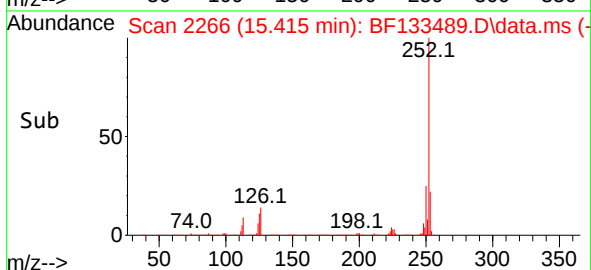
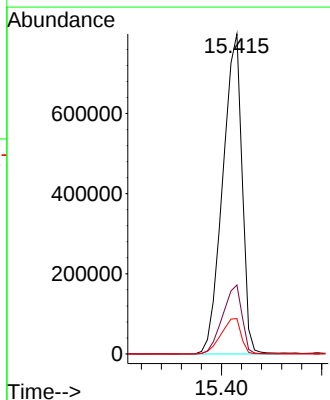
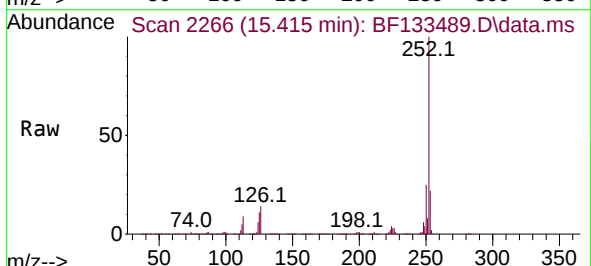
Manual Integrations  
APPROVED

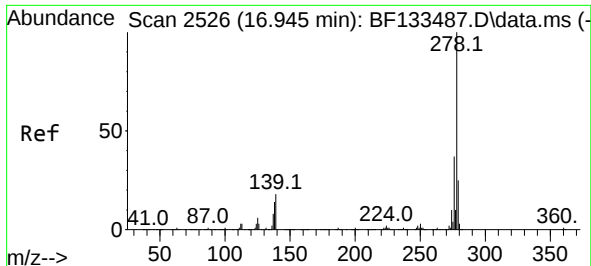
Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#90  
Benzo(a)pyrene  
Concen: 58.872 ng  
RT: 15.415 min Scan# 2266  
Delta R.T. 0.006 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Tgt Ion:252 Resp: 1065930  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.0  
125 11.1 9.4 14.0





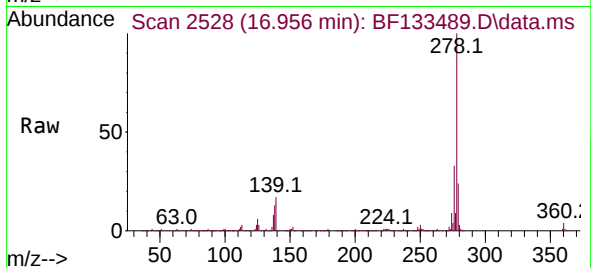
#91  
Dibenzo(a,h)anthracene  
Concen: 64.480 ng  
RT: 16.956 min Scan# 210  
Delta R.T. 0.012 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

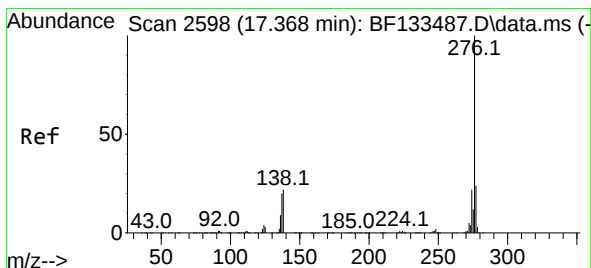
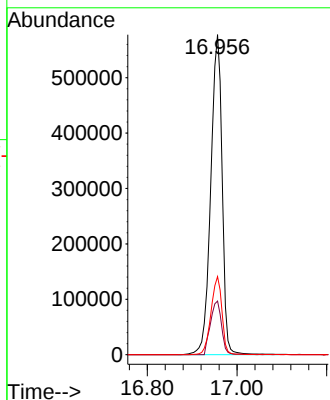
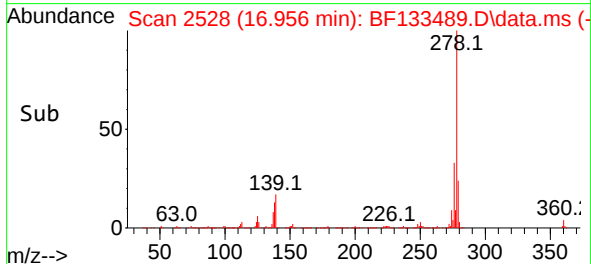


Tgt Ion:278 Resp: 101758  
Ion Ratio Lower Upper  
278 100  
139 16.7 14.1 21.1  
279 24.4 19.7 29.5

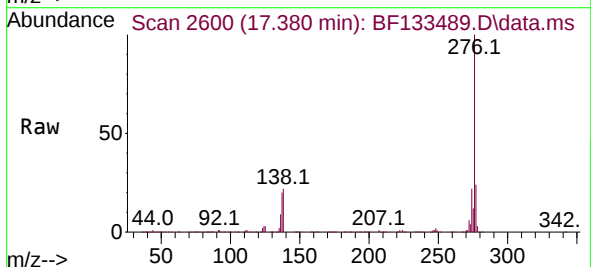
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023  
Supervised By :Jagrut Upadhyay 05/26/2023



#92  
Benzo(g,h,i)perylene  
Concen: 66.880 ng  
RT: 17.380 min Scan# 2600  
Delta R.T. 0.012 min  
Lab File: BF133489.D  
Acq: 25 May 2023 14:08



Tgt Ion:276 Resp: 1064249  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.8 28.2  
138 21.8 17.8 26.6

