

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060823\  
 Data File : BF133653.D  
 Acq On : 08 Jun 2023 22:25  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 06:15:17 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 08 11:43:32 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.840  | 152  | 118510   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 386418   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.881  | 164  | 164990   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 297658   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.016 | 240  | 171540   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.480 | 264  | 143276   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 545706   | 76.828  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.475  | 99   | 648301   | 74.144  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 581379   | 100.456 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 143266   | 87.110  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 953911   | 89.236  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 887312   | 91.968  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.557  | 88   | 121010   | 37.722  | ng    | 99       |
| 3) Pyridine                   | 3.304  | 79   | 332105   | 36.923  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.263  | 42   | 180892   | 36.877  | ng    | 98       |
| 6) Aniline                    | 6.504  | 93   | 425386   | 35.831  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.628  | 128  | 273344   | 39.056  | ng    | 94       |
| 9) Benzaldehyde               | 6.393  | 77   | 167387   | 38.144  | ng    | 98       |
| 10) Phenol                    | 6.487  | 94   | 346747   | 39.531  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 270432   | 37.290  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 296312   | 38.135  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 297598   | 38.203  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 272825   | 37.953  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.981  | 79   | 245718   | 37.015  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 461743   | 33.570  | ng    | 97       |
| 17) 2-Methylphenol            | 7.092  | 107  | 242790   | 36.632  | ng    | 97       |
| 18) Hexachloroethane          | 7.351  | 117  | 68857    | 25.563  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 197666   | 34.940  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 281599   | 37.581  | ng    | 93       |
| 22) Acetophenone              | 7.251  | 105  | 356500   | 40.062  | ng    | # 98     |
| 24) Nitrobenzene              | 7.428  | 77   | 288464   | 46.779  | ng    | 96       |
| 25) Isophorone                | 7.663  | 82   | 524552   | 38.890  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 88502    | 32.968  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 230114   | 40.097  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 314077   | 40.157  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.981  | 162  | 201783   | 39.080  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 220904   | 39.554  | ng    | 99       |
| 31) Naphthalene               | 8.145  | 128  | 716679   | 38.255  | ng    | 99       |
| 32) Benzoic acid              | 7.863  | 122  | 102229m  | 30.251  | ng    |          |
| 33) 4-Chloroaniline           | 8.192  | 127  | 297502   | 37.052  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 144039   | 42.400  | ng    | 98       |
| 35) Caprolactam               | 8.563  | 113  | 63935    | 37.757  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.675  | 107  | 212731   | 36.781  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 466718   | 36.488  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.934  | 142  | 434660   | 36.454  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 208759   | 42.690  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.986  | 237  | 8121     | 3.241   | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 127558   | 40.765  | ng    | 99       |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 06:15:17 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 08 11:43:32 2023

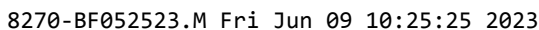
Response via : Initial Calibration

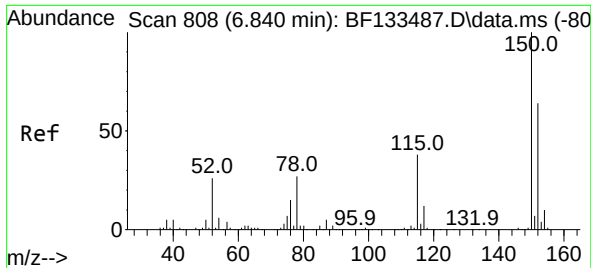
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.157  | 196  | 144705   | 39.842 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 546668   | 40.782 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.328  | 162  | 378601   | 38.971 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.422  | 65   | 142827   | 45.975 | ng    | 97       |
| 49) Acenaphthylene            | 9.739  | 152  | 627880   | 37.873 | ng    | 99       |
| 50) Dimethylphthalate         | 9.598  | 163  | 502783   | 43.358 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.663  | 165  | 83139    | 38.498 | ng    | 94       |
| 52) Acenaphthene              | 9.916  | 154  | 364328   | 36.278 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.833  | 138  | 130984   | 47.429 | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 9.939  | 184  | 1837     | 8.706  | ng    | # 87     |
| 55) Dibenzofuran              | 10.086 | 168  | 562958   | 37.679 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.986  | 139  | 73120    | 36.855 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.069 | 165  | 94845    | 35.979 | ng    | # 78     |
| 58) Fluorene                  | 10.428 | 166  | 411974   | 37.635 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 106191   | 38.822 | ng    | 100      |
| 60) Diethylphthalate          | 10.298 | 149  | 486863   | 40.444 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 208428   | 39.654 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.445 | 138  | 132397   | 47.564 | ng    | 96       |
| 63) Azobenzene                | 10.580 | 77   | 416323   | 34.550 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.475 | 198  | 3105     | 10.799 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 10.539 | 169  | 379522   | 39.274 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 127452   | 40.318 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.975 | 284  | 130162   | 39.375 | ng    | 95       |
| 69) Atrazine                  | 11.063 | 200  | 84378    | 31.823 | ng    | 98       |
| 70) Pentachlorophenol         | 11.169 | 266  | 70533    | 35.684 | ng    | 99       |
| 71) Phenanthrene              | 11.392 | 178  | 578080   | 38.344 | ng    | 100      |
| 72) Anthracene                | 11.445 | 178  | 597994   | 38.540 | ng    | 100      |
| 73) Carbazole                 | 11.598 | 167  | 560926   | 38.226 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 706638   | 40.725 | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 633983   | 38.071 | ng    | 98       |
| 77) Benzidine                 | 12.710 | 184  | 216187   | 43.090 | ng    | 98       |
| 78) Pyrene                    | 12.816 | 202  | 621966   | 42.608 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 284302   | 49.225 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 448708   | 39.266 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.968 | 252  | 153971   | 43.101 | ng    | 98       |
| 83) Chrysene                  | 14.045 | 228  | 432789   | 37.516 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 383258   | 53.088 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.610 | 149  | 574042   | 47.733 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.945 | 276  | 319942   | 35.057 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 349750   | 37.488 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 341927   | 37.586 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.421 | 252  | 316091   | 37.233 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.968 | 278  | 273388   | 36.947 | ng    | 94       |
| 92) Benzo(g,h,i)perylene      | 17.392 | 276  | 242804   | 32.542 | ng    | 99       |

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

## Manual Integrations

Quant Time: Jun 09 06:15:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 08 11:43:32 2023  
Response via : Initial Calibration





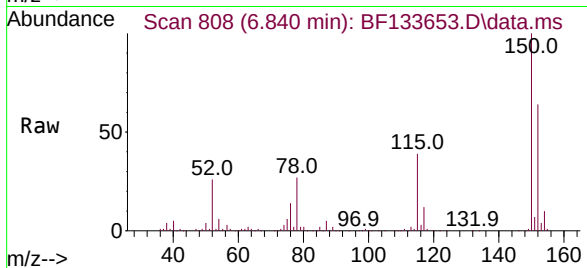
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.840 min Scan# 80  
 Delta R.T. 0.001 min  
 Lab File: BF133653.D  
 Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

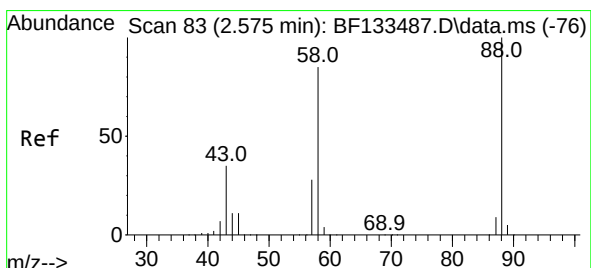
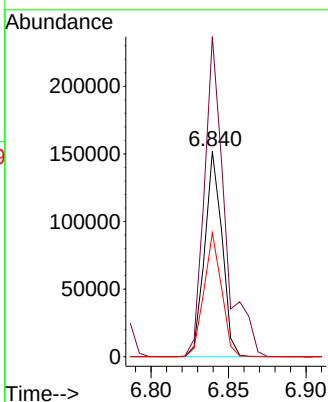
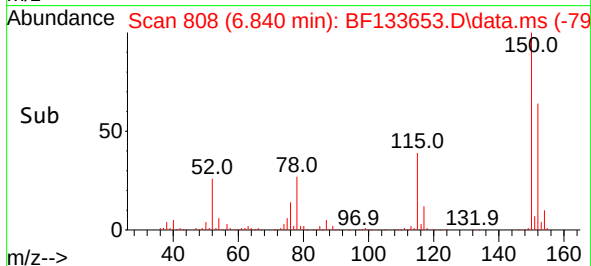


Tgt Ion:152 Resp: 118510  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 124.9 187.3  
 115 60.2 48.1 72.1

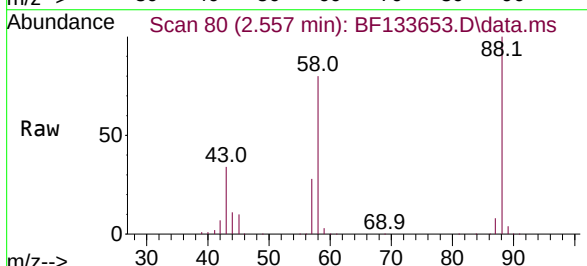
Manual Integrations

APPROVED

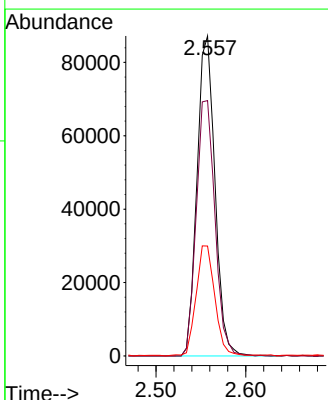
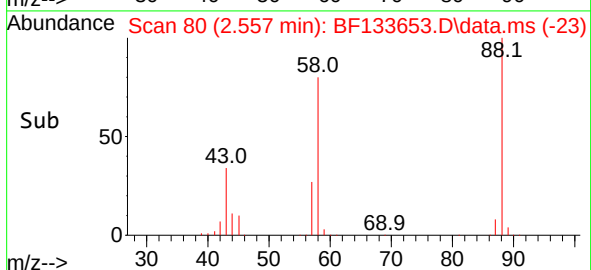
Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/13/2023

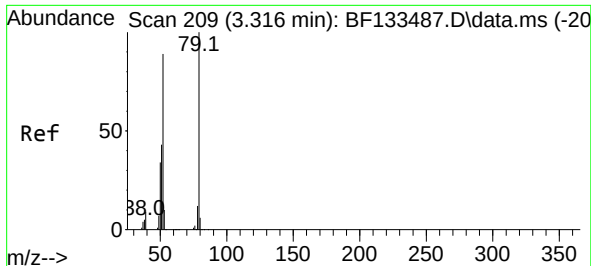


#2  
 1,4-Dioxane  
 Concen: 37.722 ng  
 RT: 2.557 min Scan# 80  
 Delta R.T. -0.018 min  
 Lab File: BF133653.D  
 Acq: 08 Jun 2023 22:25



Tgt Ion: 88 Resp: 121010  
 Ion Ratio Lower Upper  
 88 100  
 58 83.4 67.7 101.5  
 43 36.1 28.2 42.4





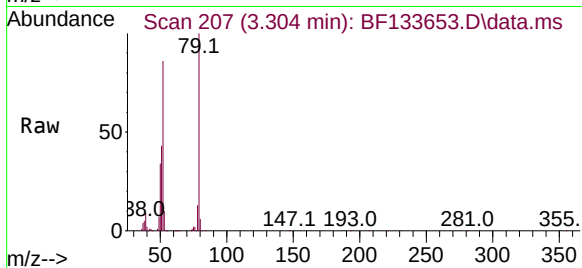
#3  
Pyridine  
Concen: 36.923 ng  
RT: 3.304 min Scan# 209  
Delta R.T. -0.012 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



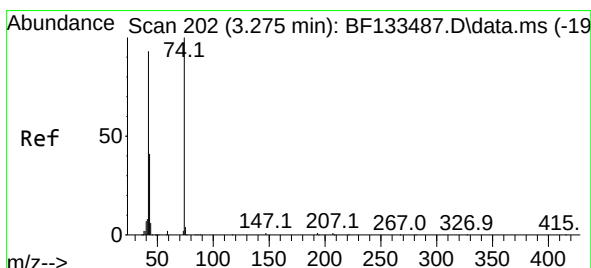
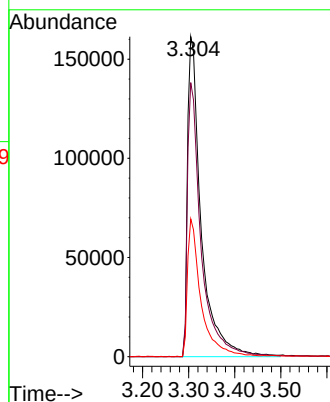
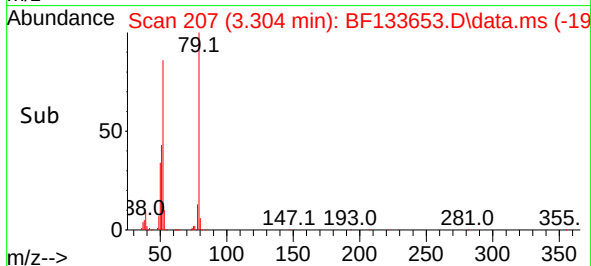
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Ion Ratio Lower Upper  
79 100  
52 85.6 71.3 106.9  
51 43.1 34.4 51.6

Manual Integrations

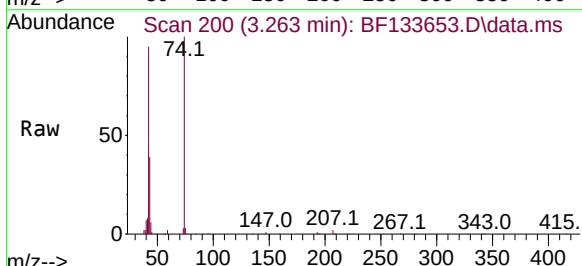
APPROVED

Reviewed By :Yogesh Patel 06/09/2023

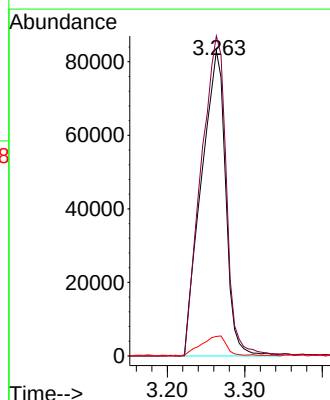
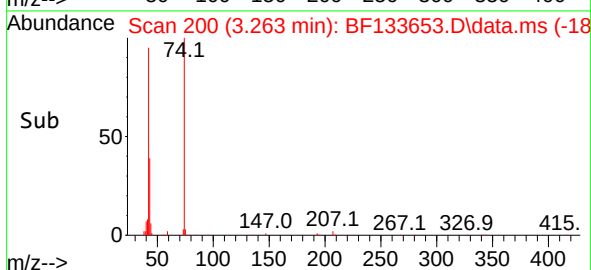
Supervised By :mohammad ahmed 06/13/2023

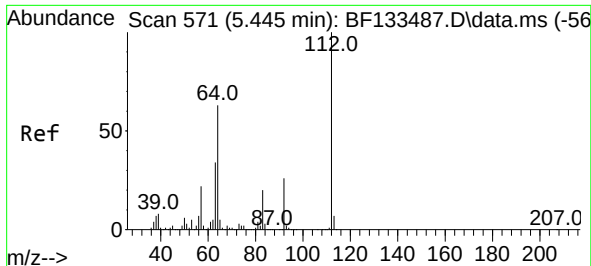


#4  
n-Nitrosodimethylamine  
Concen: 36.877 ng  
RT: 3.263 min Scan# 200  
Delta R.T. -0.018 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion: 42 Resp: 180892  
Ion Ratio Lower Upper  
42 100  
74 104.8 85.7 128.5  
44 6.4 5.6 8.4





#5  
2-Fluorophenol  
Concen: 76.828 ng  
RT: 5.451 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

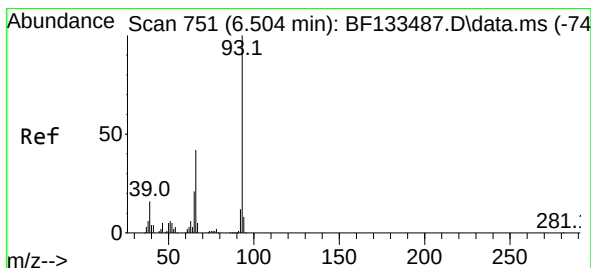
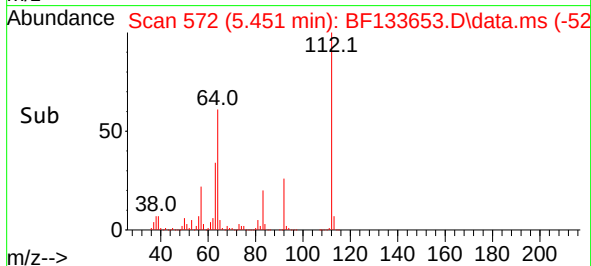
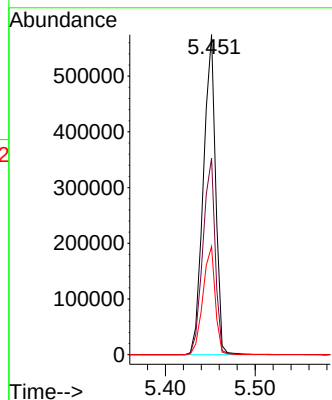
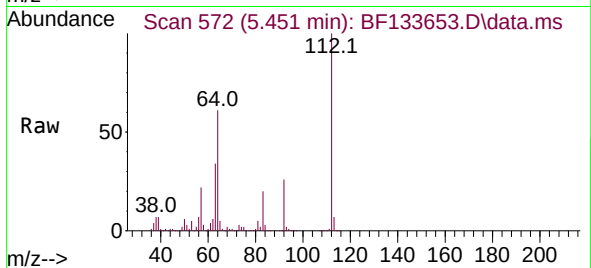
SSTDCCC040

Tgt Ion: 112 Resp: 545700  
Ion Ratio Lower Upper  
112 100  
64 61.4 50.1 75.1  
63 33.8 27.5 41.3

Manual Integrations

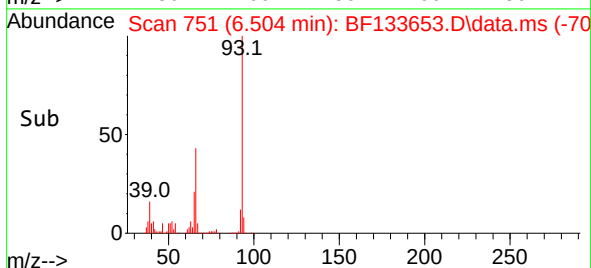
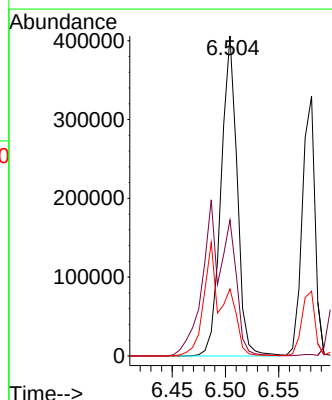
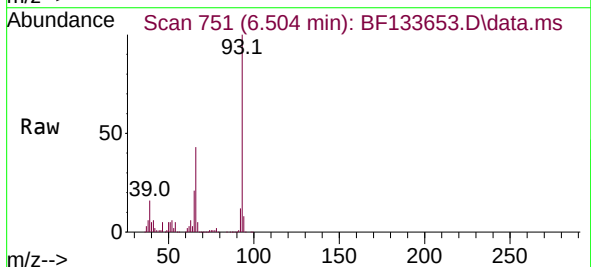
APPROVED

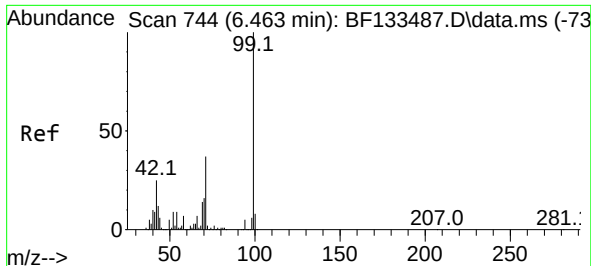
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#6  
Aniline  
Concen: 35.831 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

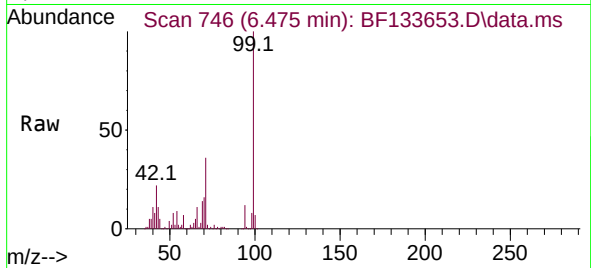
Tgt Ion: 93 Resp: 425386  
Ion Ratio Lower Upper  
93 100  
66 42.5 33.9 50.9  
65 21.0 17.2 25.8





#7  
Phenol-d6  
Concen: 74.144 ng  
RT: 6.475 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

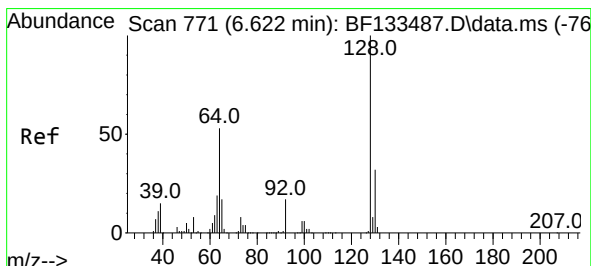
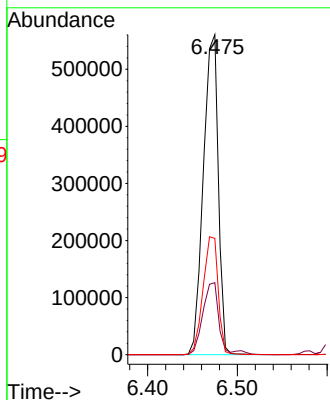
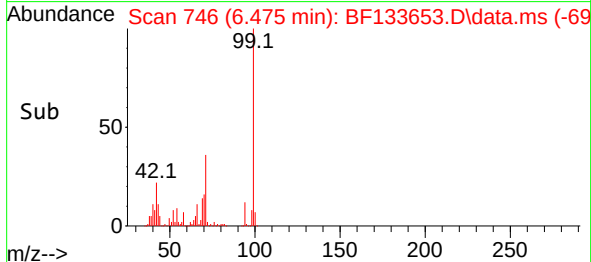
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



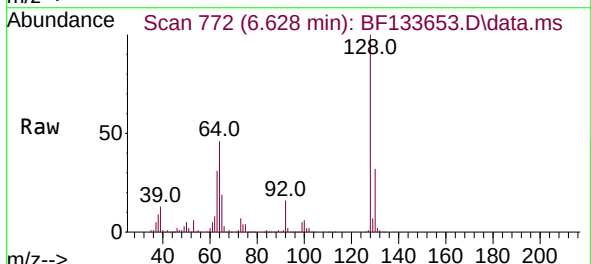
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Ion Ratio Lower Upper  
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42 22.5 19.7 29.5  
71 36.4 29.8 44.8

Manual Integrations  
APPROVED

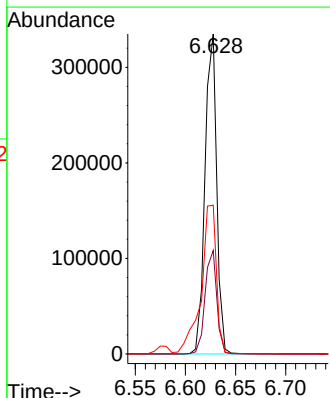
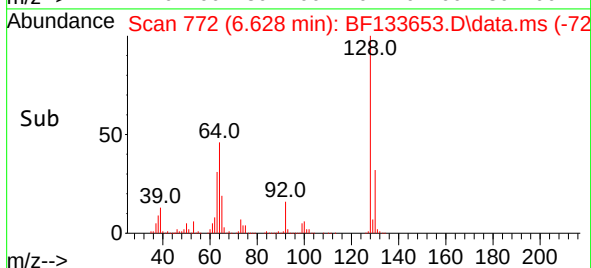
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

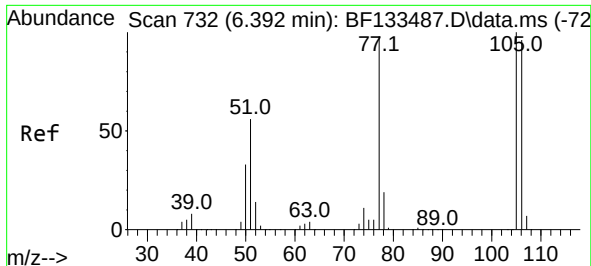


#8  
2-Chlorophenol  
Concen: 39.056 ng  
RT: 6.628 min Scan# 772  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion:128 Resp: 273344  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.4 52.4  
64 46.5 33.3 73.3





#9

Benzaldehyde

Concen: 38.144 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 16738

Ion Ratio Lower Upper

77 100

105 100.3 81.9 121.9

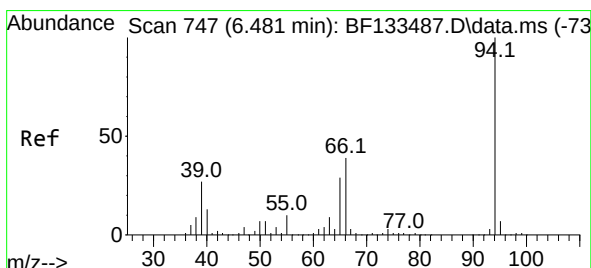
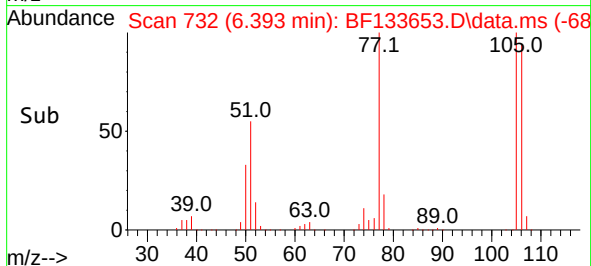
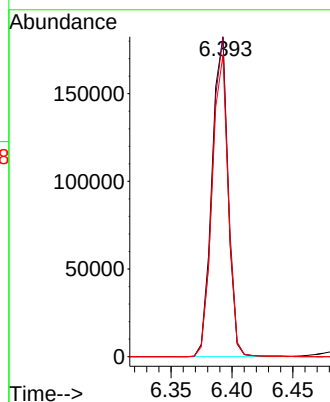
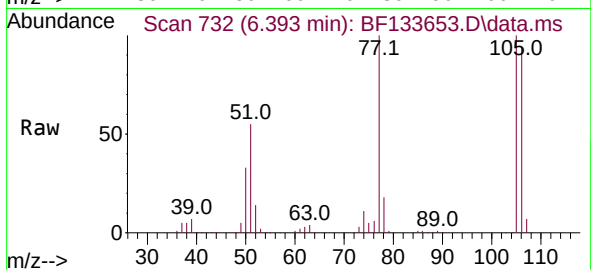
106 94.5 77.8 117.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#10

Phenol

Concen: 39.531 ng

RT: 6.487 min Scan# 748

Delta R.T. 0.006 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

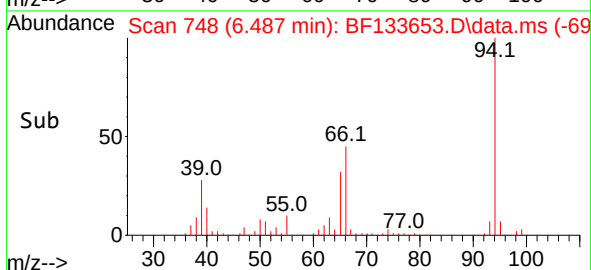
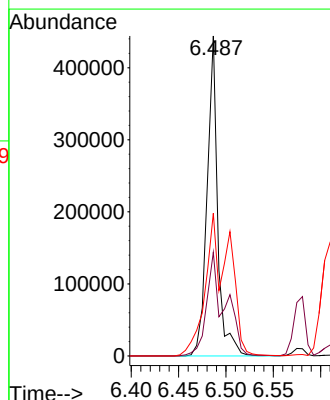
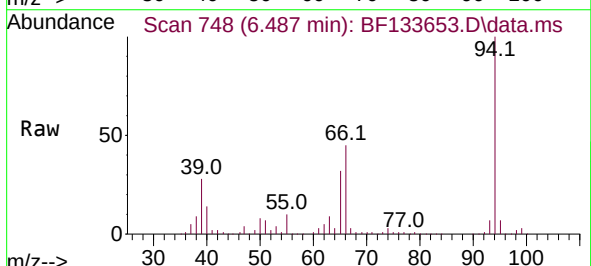
Tgt Ion: 94 Resp: 346747

Ion Ratio Lower Upper

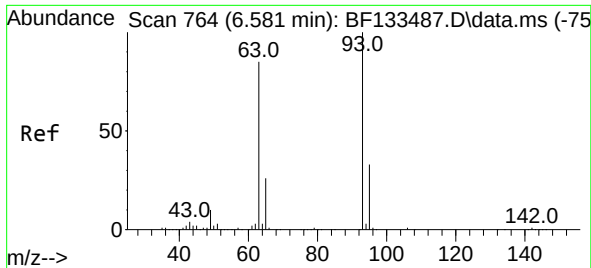
94 100

65 32.4 9.1 49.1

66 44.6 18.9 58.9







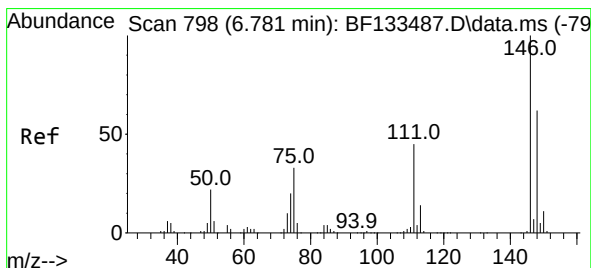
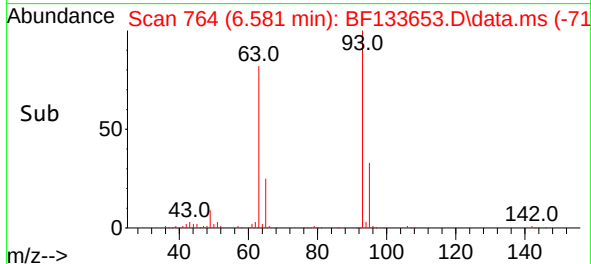
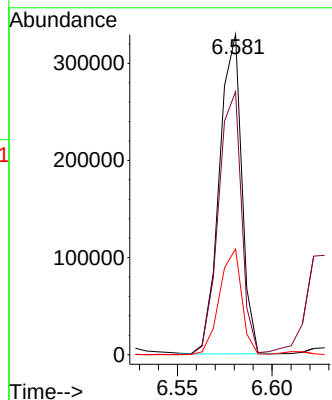
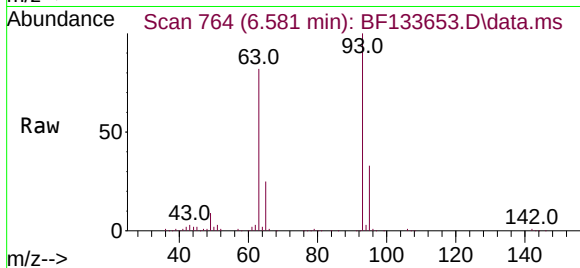
#11  
bis(2-Chloroethyl)ether  
Concen: 37.290 ng  
RT: 6.581 min Scan# 764  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 270432  
Ion Ratio Lower Upper  
93 100  
63 82.2 64.5 104.5  
95 33.1 13.3 53.3

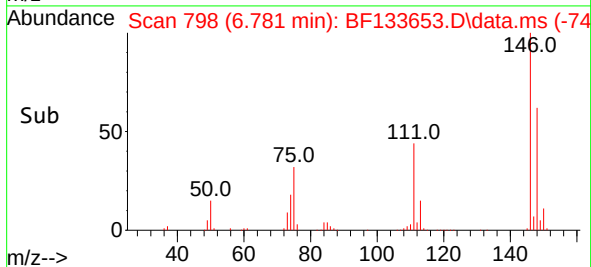
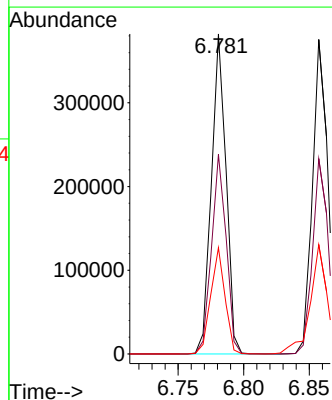
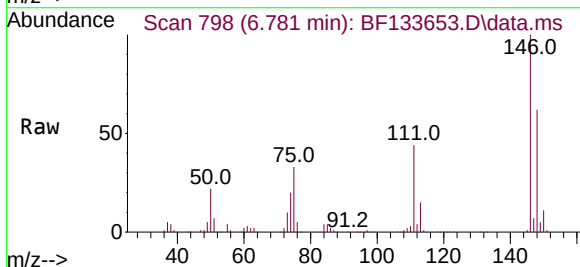
Manual Integrations  
APPROVED

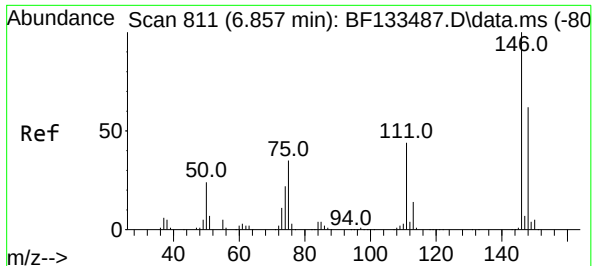
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#12  
1,3-Dichlorobenzene  
Concen: 38.135 ng  
RT: 6.781 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:146 Resp: 296312  
Ion Ratio Lower Upper  
146 100  
148 62.3 49.9 74.9  
75 33.2 26.7 40.1





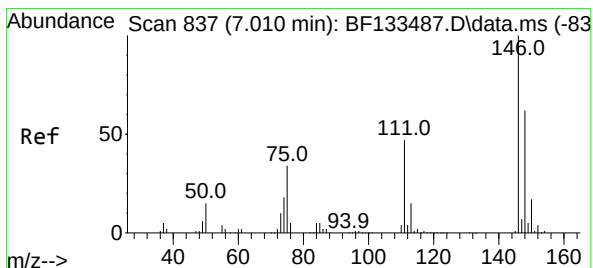
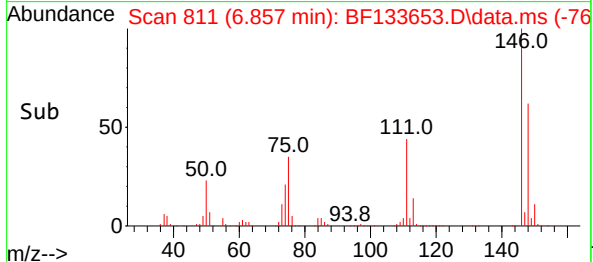
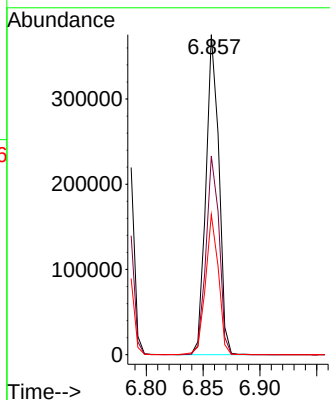
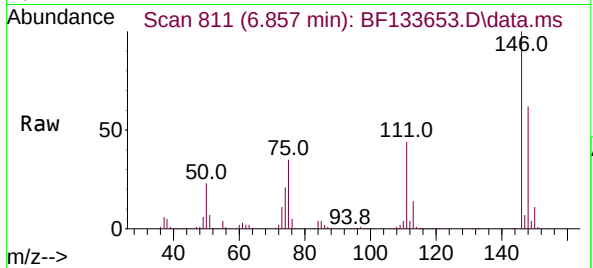
#13  
1,4-Dichlorobenzene  
Concen: 38.203 ng  
RT: 6.857 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 297598  
Ion Ratio Lower Upper  
146 100  
148 62.1 49.8 74.6  
111 43.8 35.3 52.9

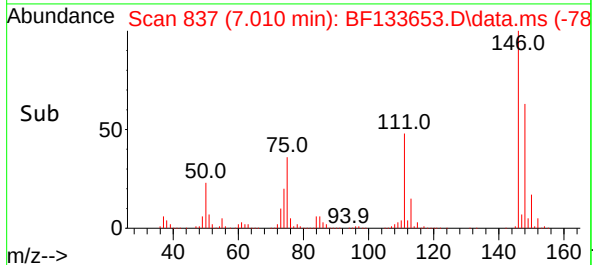
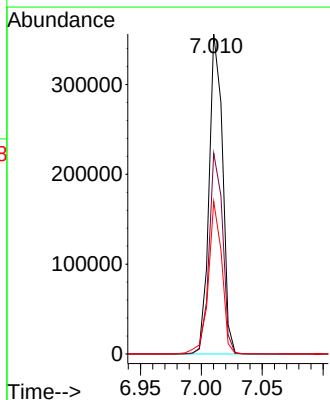
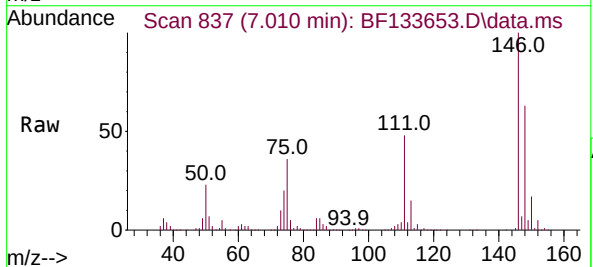
Manual Integrations  
APPROVED

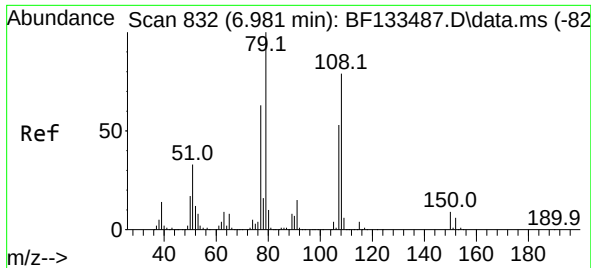
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#14  
1,2-Dichlorobenzene  
Concen: 37.953 ng  
RT: 7.010 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

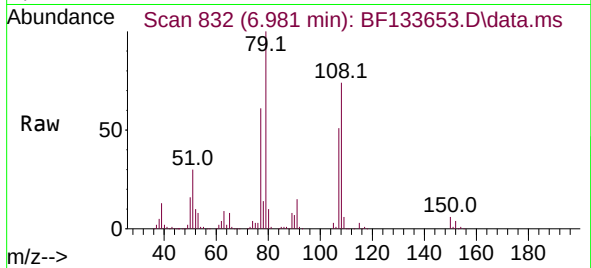
Tgt Ion:146 Resp: 272825  
Ion Ratio Lower Upper  
146 100  
148 62.7 49.8 74.6  
111 47.7 37.4 56.2





#15  
Benzyl Alcohol  
Concen: 37.015 ng  
RT: 6.981 min Scan# 832  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

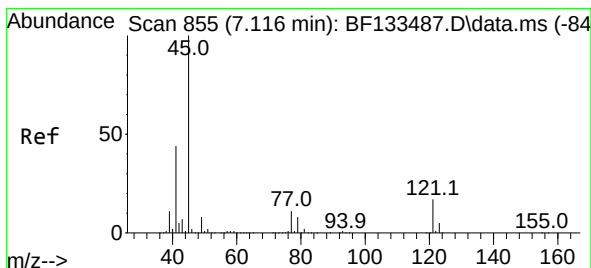
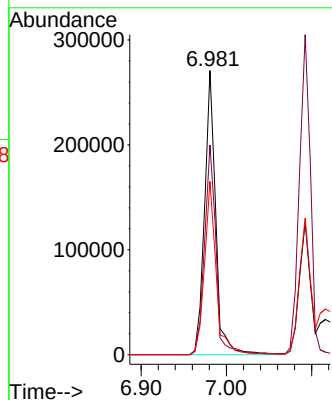
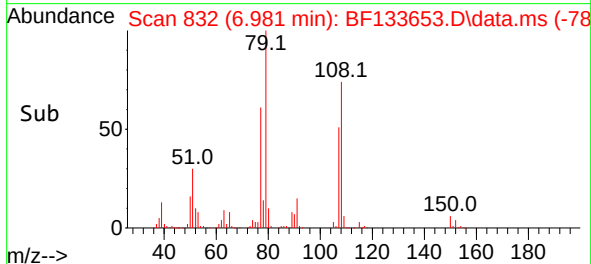
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



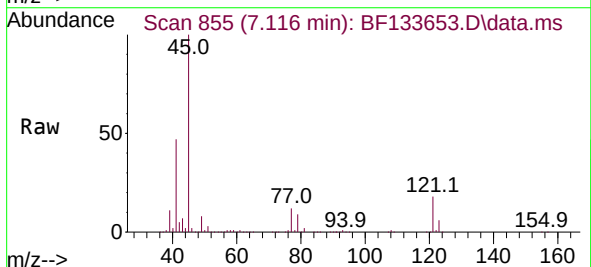
Tgt Ion: 79 Resp: 245718  
Ion Ratio Lower Upper  
79 100  
108 73.7 63.2 94.8  
77 61.0 50.3 75.5

Manual Integrations  
APPROVED

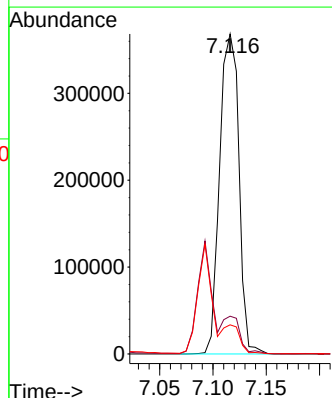
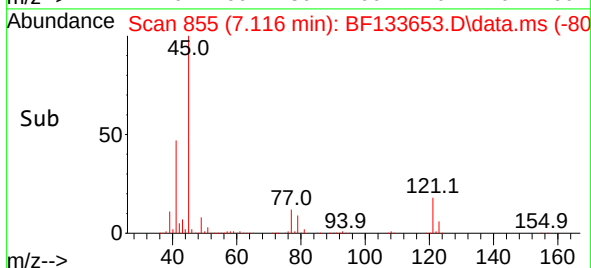
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

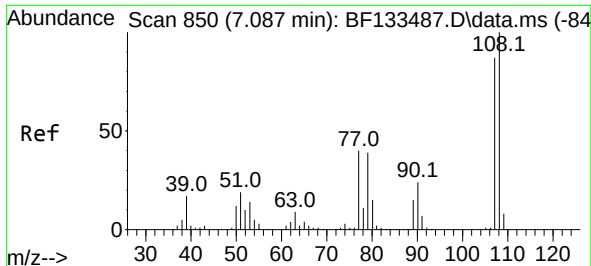


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.570 ng  
RT: 7.116 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion: 45 Resp: 461743  
Ion Ratio Lower Upper  
45 100  
77 11.8 0.0 30.8  
79 9.1 0.0 28.2





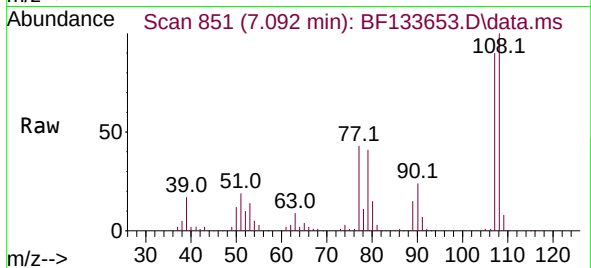
#17  
2-Methylphenol  
Concen: 36.632 ng  
RT: 7.092 min Scan# 851  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

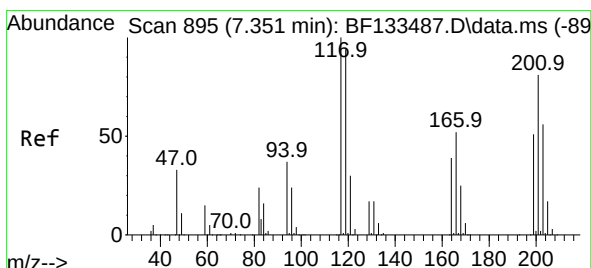
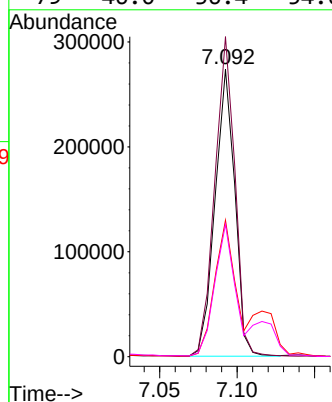


Tgt Ion:107 Resp: 242790  
Ion Ratio Lower Upper  
107 100  
108 111.4 92.2 138.4  
77 47.5 37.1 55.7  
79 46.0 36.4 54.6

Manual Integrations

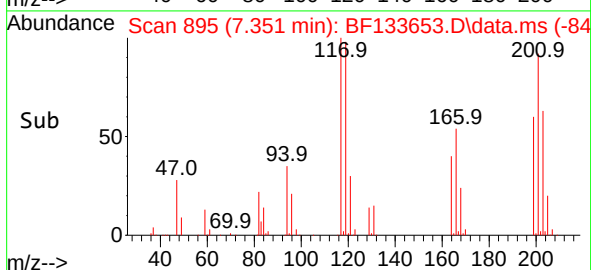
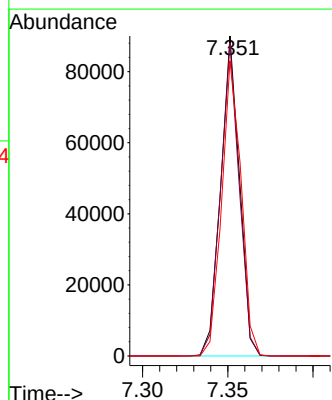
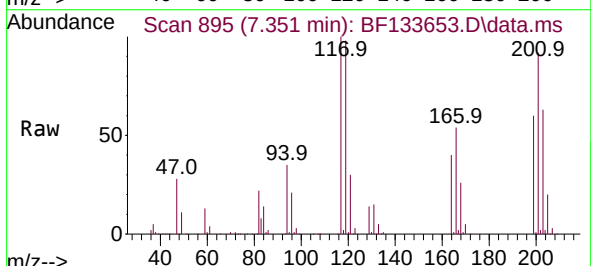
APPROVED

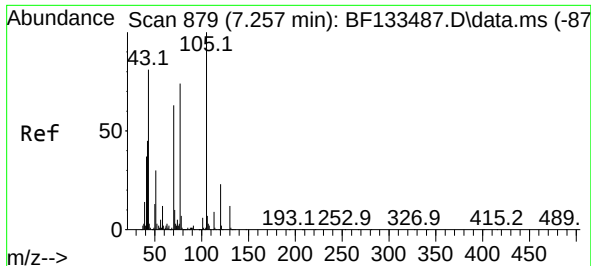
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#18  
Hexachloroethane  
Concen: 25.563 ng  
RT: 7.351 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

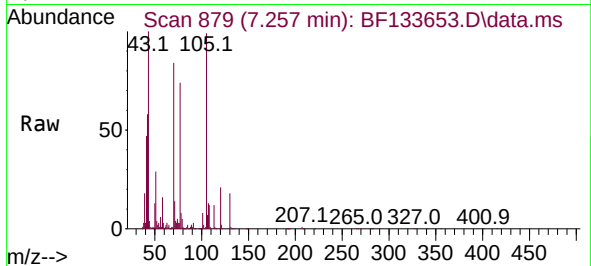
Tgt Ion:117 Resp: 68857  
Ion Ratio Lower Upper  
117 100  
119 97.8 74.9 112.3  
201 92.3 64.8 97.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 34.940 ng  
RT: 7.257 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

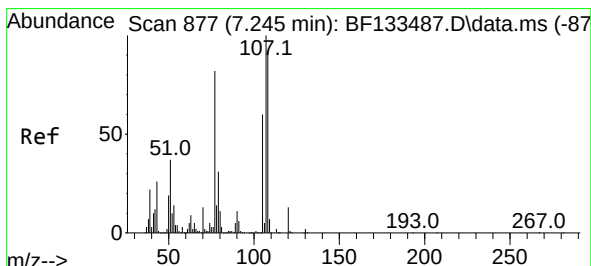
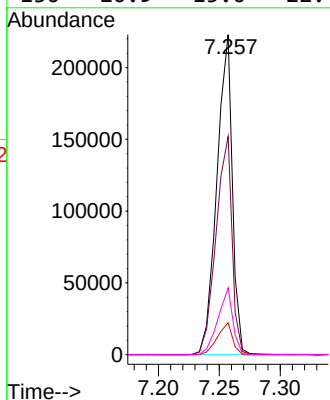
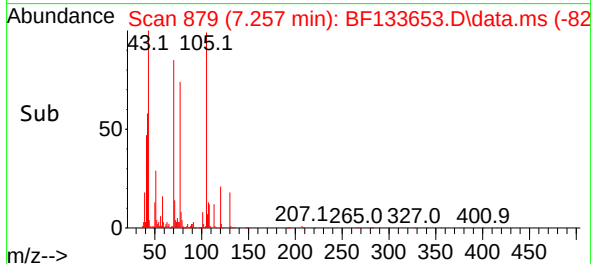
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



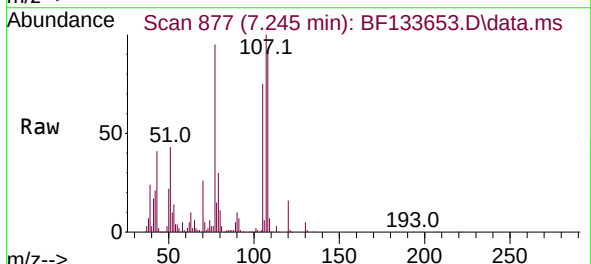
Tgt Ion: 70 Resp: 197660  
Ion Ratio Lower Upper  
70 100  
42 68.2 57.2 85.8  
101 9.9 7.3 10.9  
130 20.9 15.0 22.4

Manual Integrations  
APPROVED

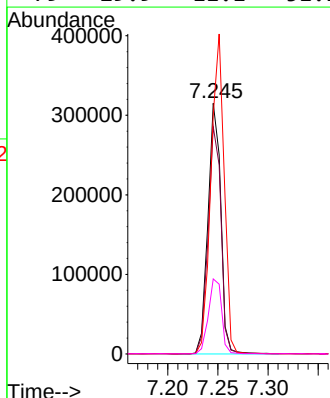
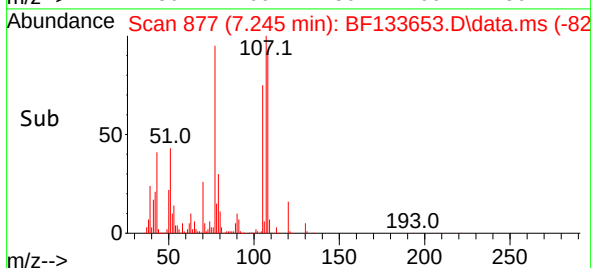
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

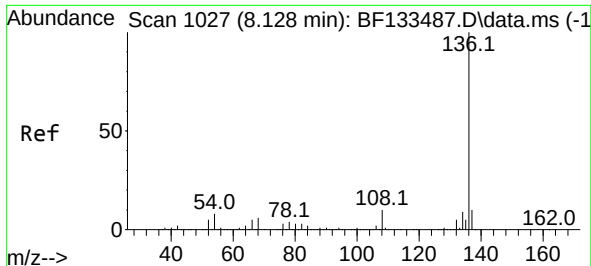


#20  
3+4-Methylphenols  
Concen: 37.581 ng  
RT: 7.245 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion:107 Resp: 281599  
Ion Ratio Lower Upper  
107 100  
108 90.6 72.0 112.0  
77 95.3 61.9 101.9  
79 29.9 11.1 51.1





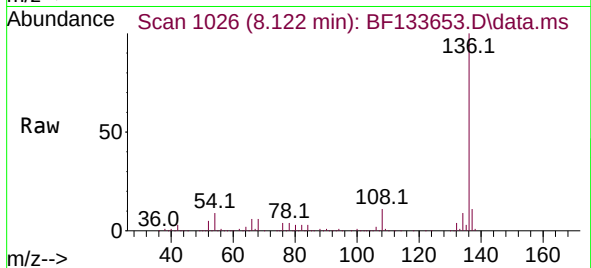
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

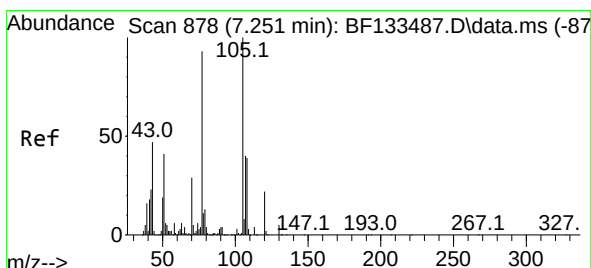
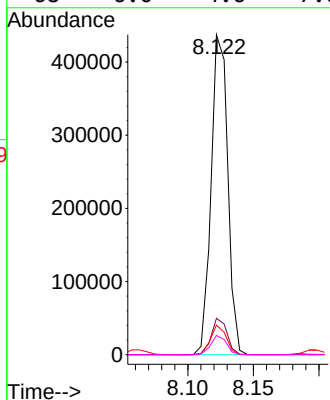
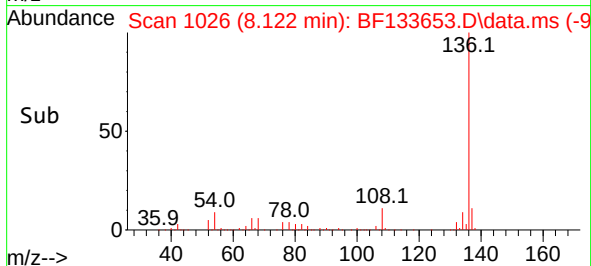


Tgt Ion:136 Resp: 386418  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.2 12.4  
54 9.2 6.6 10.0  
68 6.0 4.6 7.0

Manual Integrations

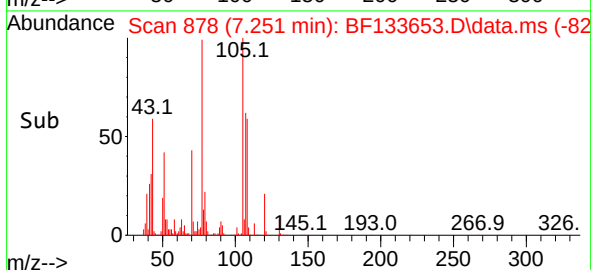
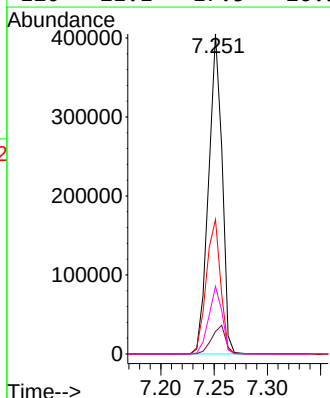
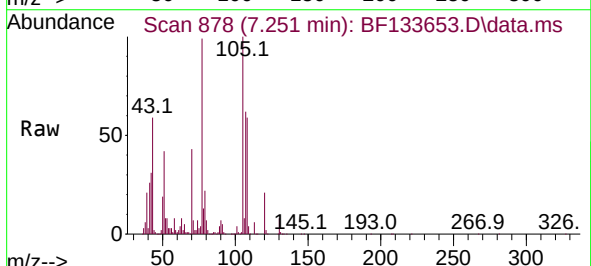
APPROVED

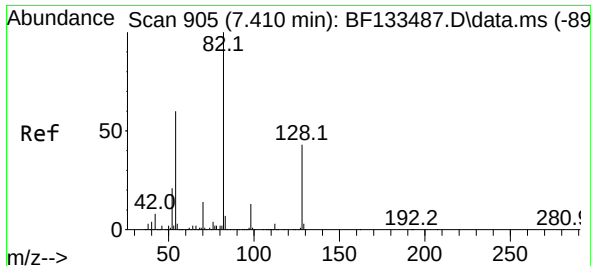
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#22  
Acetophenone  
Concen: 40.062 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:105 Resp: 356500  
Ion Ratio Lower Upper  
105 100  
71 7.0 3.8 5.8#  
51 42.0 32.6 49.0  
120 21.1 17.5 26.3





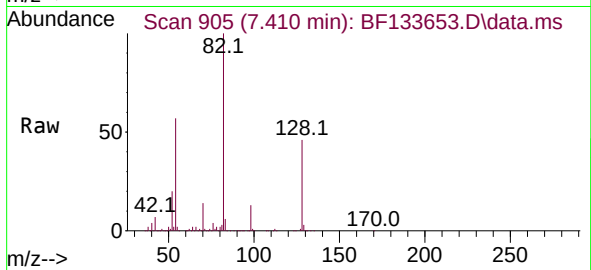
#23  
Nitrobenzene-d5  
Concen: 100.456 ng  
RT: 7.410 min Scan# 905  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

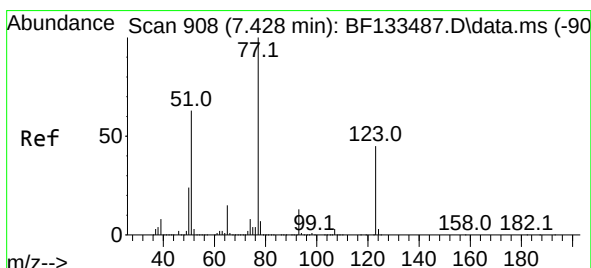
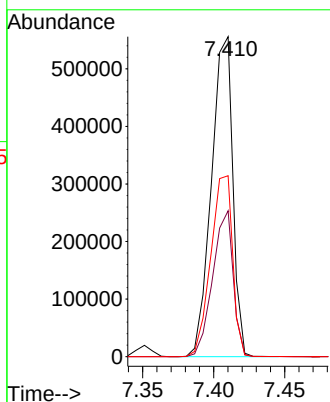
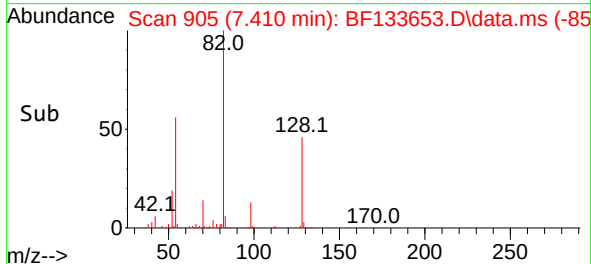


Tgt Ion: 82 Resp: 581379  
Ion Ratio Lower Upper  
82 100  
128 45.6 34.2 51.4  
54 56.6 48.2 72.4

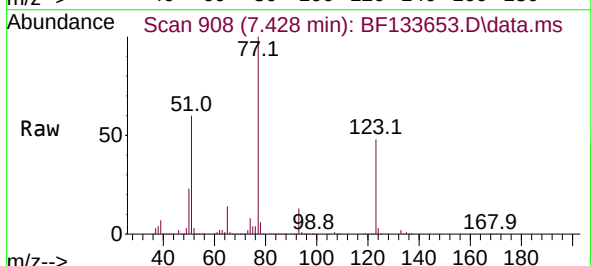
Manual Integrations

APPROVED

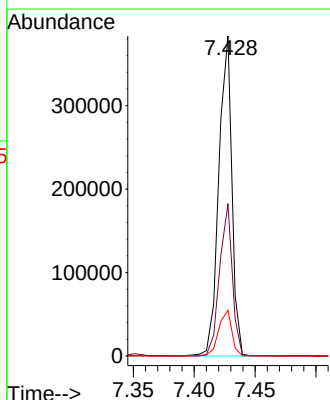
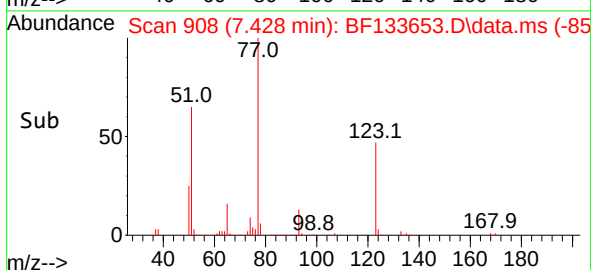
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

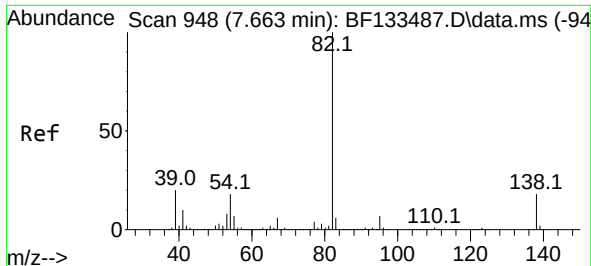


#24  
Nitrobenzene  
Concen: 46.779 ng  
RT: 7.428 min Scan# 908  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



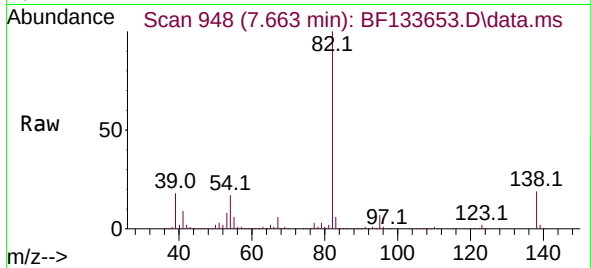
Tgt Ion: 77 Resp: 288464  
Ion Ratio Lower Upper  
77 100  
123 47.6 35.8 53.8  
65 14.3 11.8 17.8





#25  
Isophorone  
Concen: 38.890 ng  
RT: 7.663 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

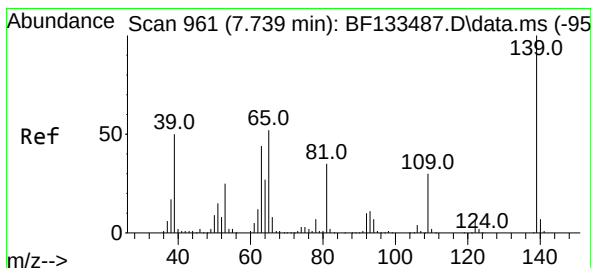
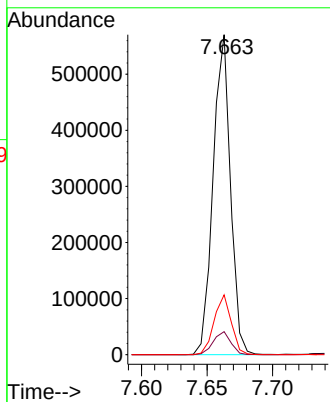
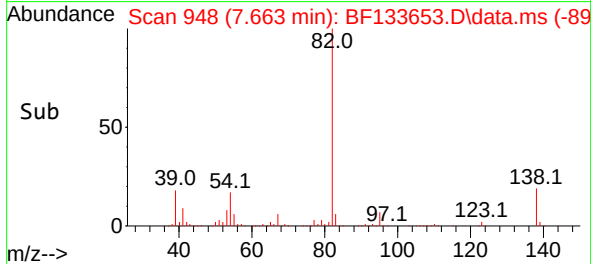
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 524552  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.7 8.5  
138 18.7 14.2 21.4

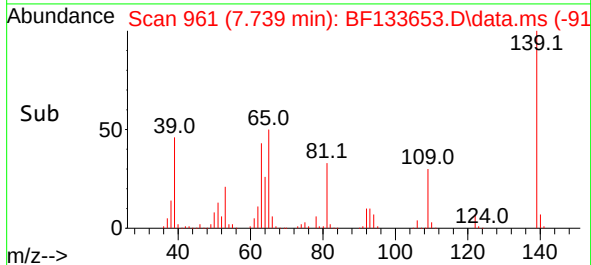
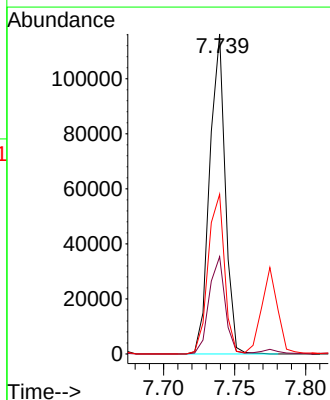
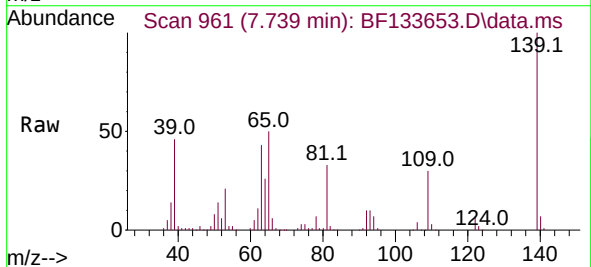
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

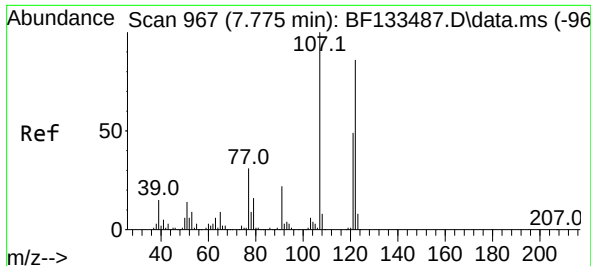


#26  
2-Nitrophenol  
Concen: 32.968 ng  
RT: 7.739 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:139 Resp: 88502  
Ion Ratio Lower Upper  
139 100  
109 30.4 24.0 36.0  
65 49.9 41.7 62.5







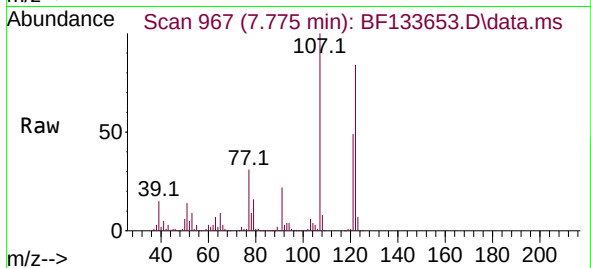
#27  
2,4-Dimethylphenol  
Concen: 40.097 ng  
RT: 7.775 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

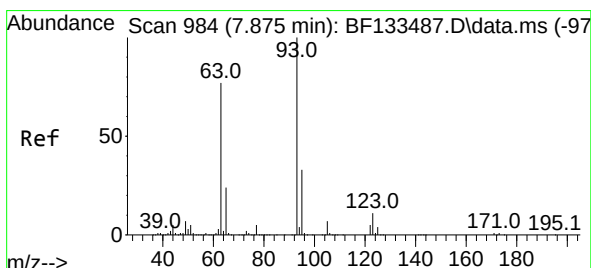
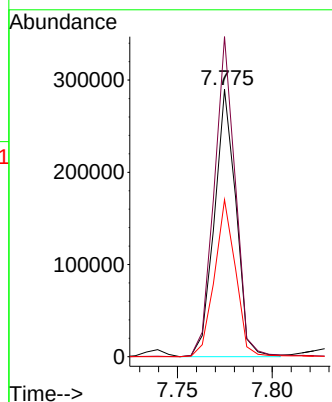
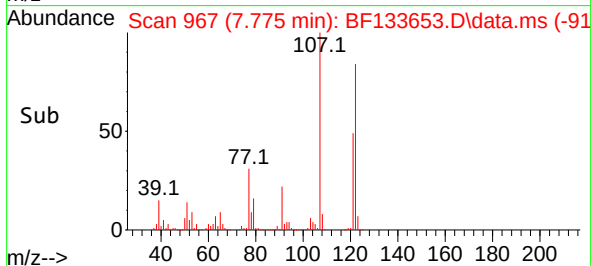


Tgt Ion:122 Resp: 230114  
Ion Ratio Lower Upper  
122 100  
107 119.7 93.4 140.0  
121 58.7 45.6 68.4

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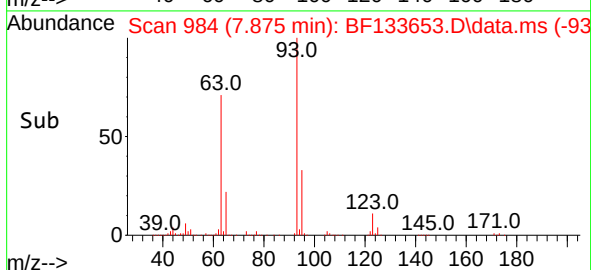
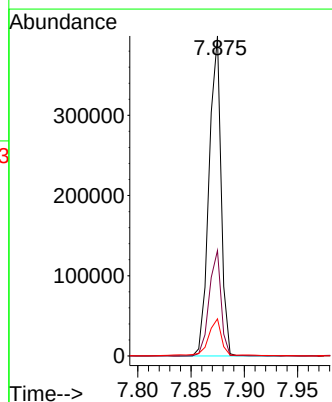
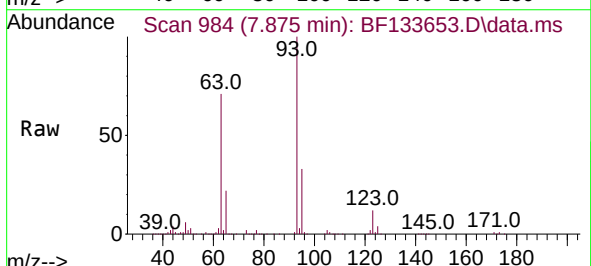
APPROVED

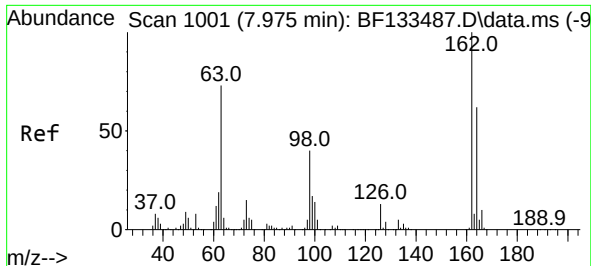
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.157 ng  
RT: 7.875 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion: 93 Resp: 314077  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.8 40.2  
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.080 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF133653.D

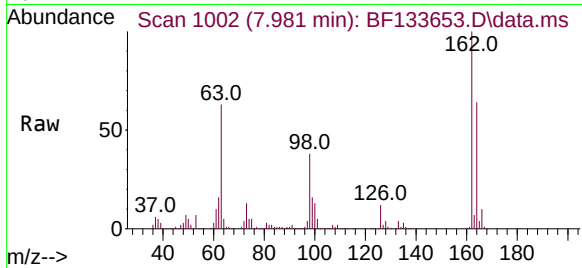
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



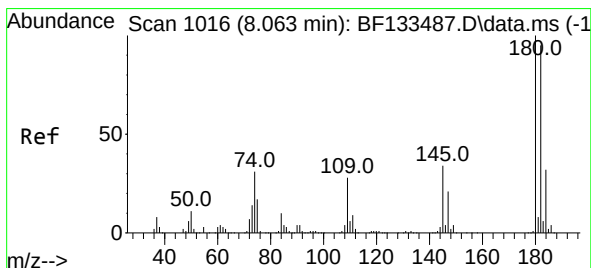
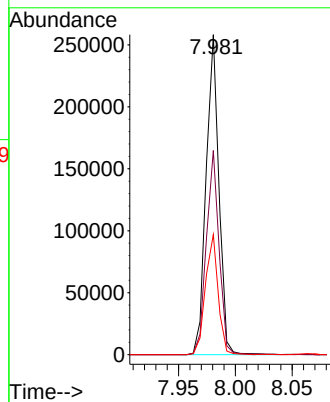
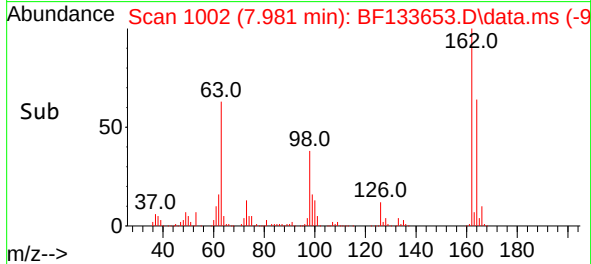
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 20178 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.8  | 42.2  | 82.2  |
| 98        | 37.5  | 19.7  | 59.7  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.554 ng

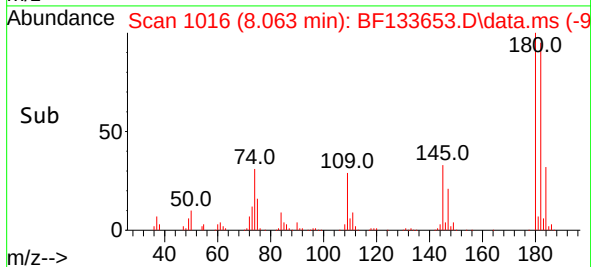
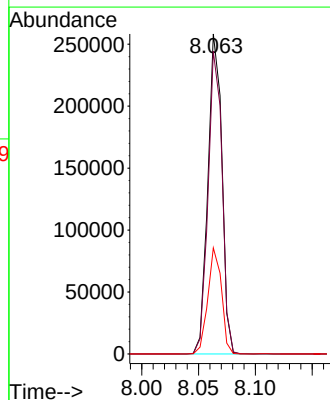
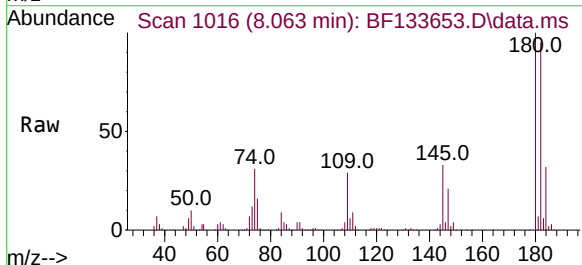
RT: 8.063 min Scan# 1016

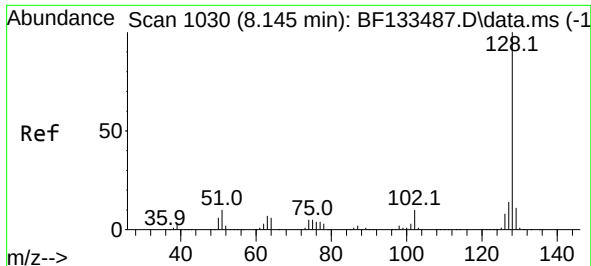
Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 220904 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 76.1  | 114.1  |
| 145       | 33.2  | 27.0  | 40.4   |





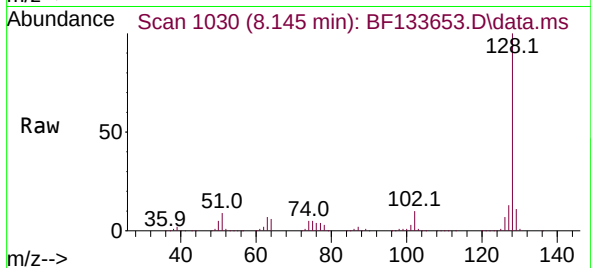
#31  
Naphthalene  
Concen: 38.255 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



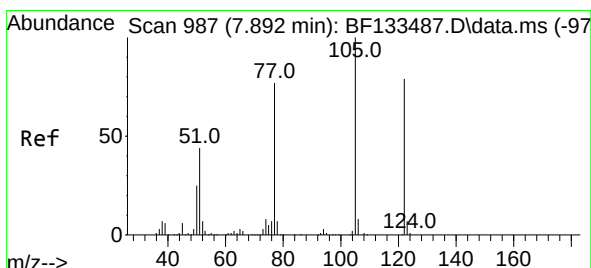
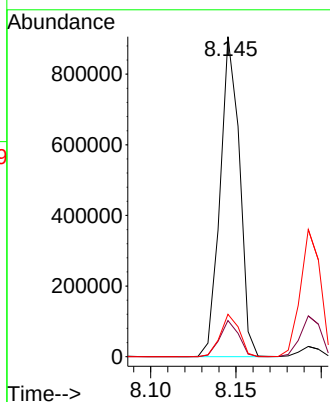
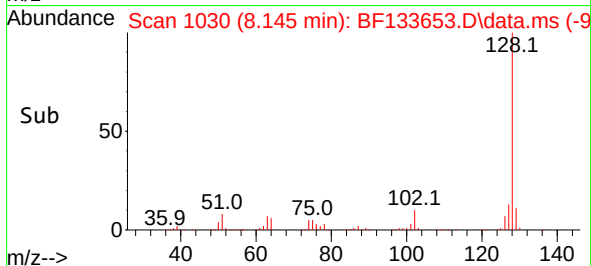
Tgt Ion:128 Resp: 716679  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.2 13.8  
127 13.3 10.9 16.3

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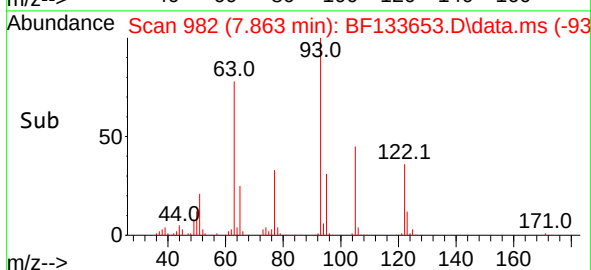
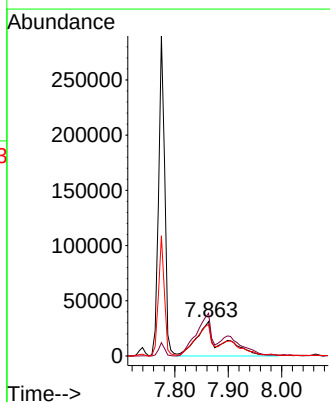
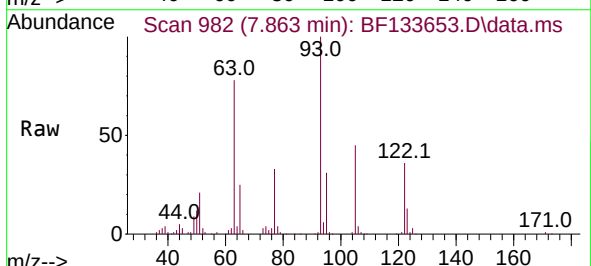
Reviewed By :Yogesh Patel 06/09/2023

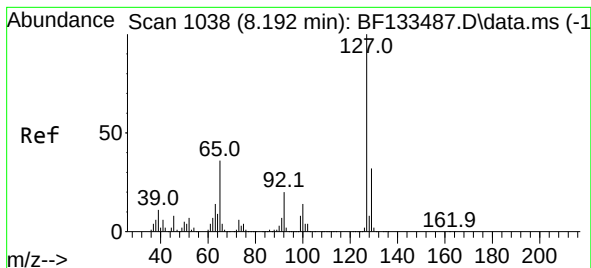
Supervised By :mohammad ahmed 06/13/2023



#32  
Benzoic acid  
Concen: 30.251 ng m  
RT: 7.863 min Scan# 982  
Delta R.T. -0.023 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:122 Resp: 102229  
Ion Ratio Lower Upper  
122 100  
105 124.2 103.3 143.3  
77 91.5 75.7 115.7





#33

4-Chloroaniline

Concen: 37.052 ng

RT: 8.192 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

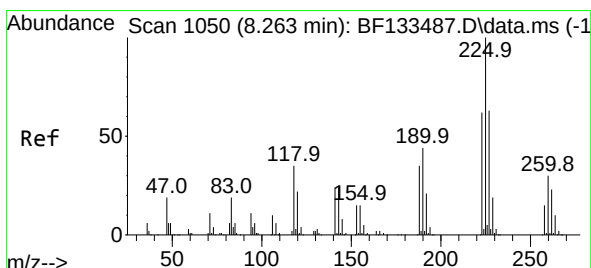
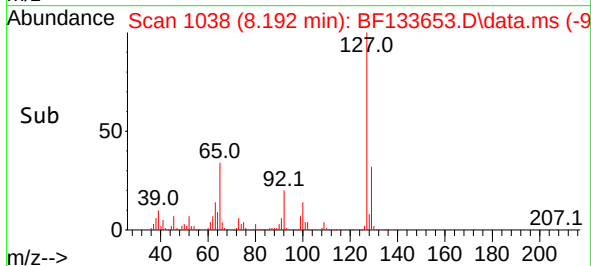
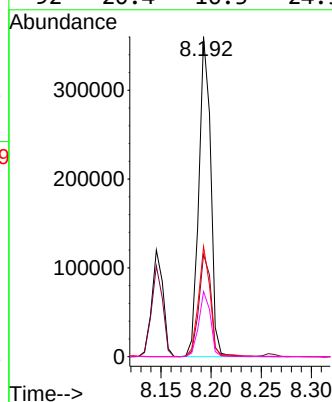
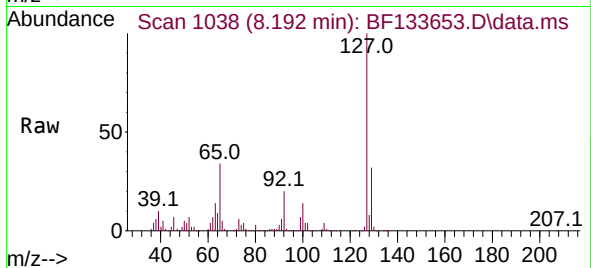
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 29750 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.0  | 25.9  | 38.9  |
| 65        | 34.4  | 29.0  | 43.6  |
| 92        | 20.4  | 16.3  | 24.5  |

Manual Integrations

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Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#34

Hexachlorobutadiene

Concen: 42.400 ng

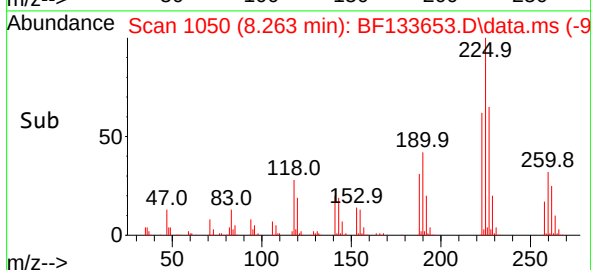
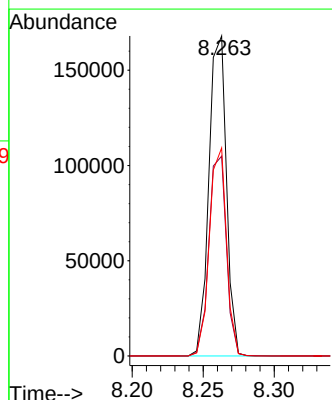
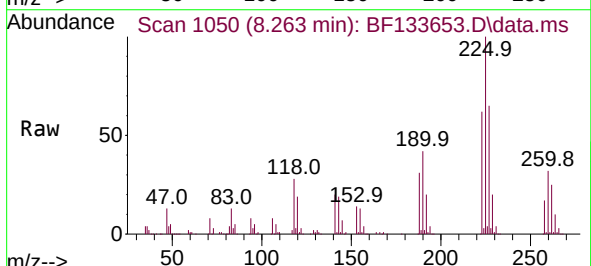
RT: 8.263 min Scan# 1050

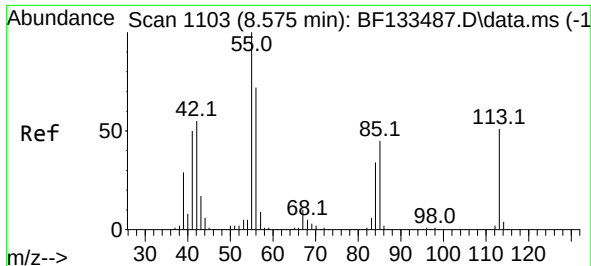
Delta R.T. 0.006 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 144039 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.5  | 49.8  | 74.8   |
| 227       | 65.0  | 50.2  | 75.4   |





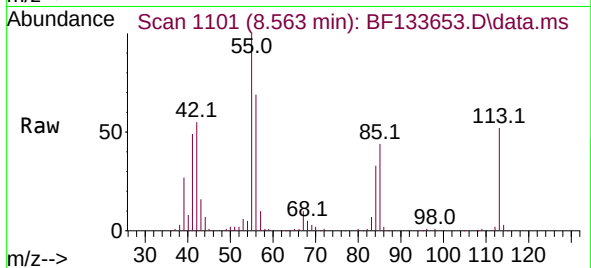
#35  
 Caprolactam  
 Concen: 37.757 ng  
 RT: 8.563 min Scan# 1103  
 Delta R.T. -0.012 min  
 Lab File: BF133653.D  
 Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

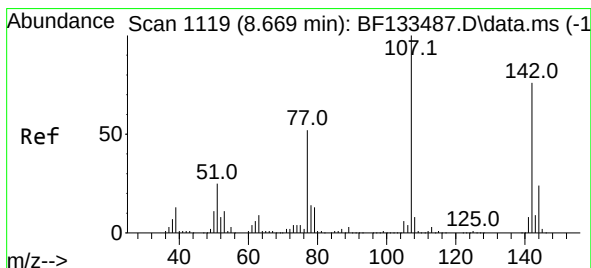
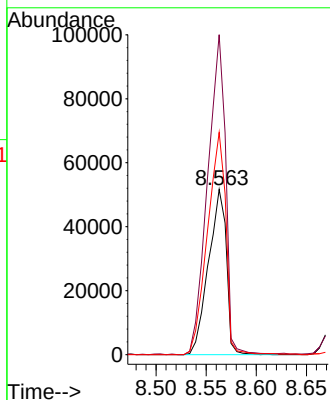
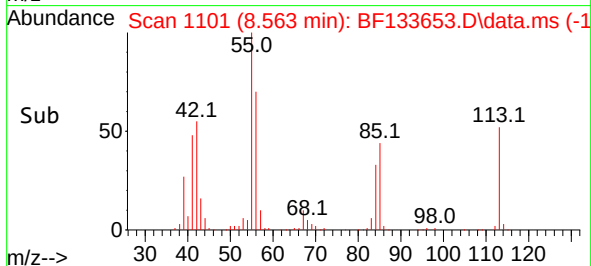


Tgt Ion:113 Resp: 63935  
 Ion Ratio Lower Upper  
 113 100  
 55 193.7 177.5 217.5  
 56 134.5 122.3 162.3

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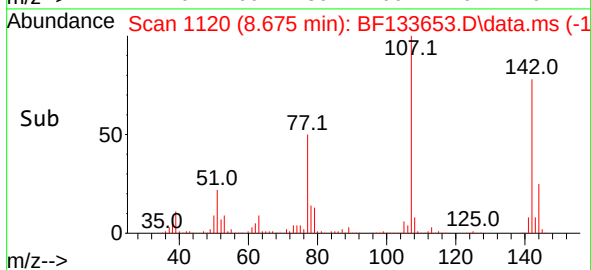
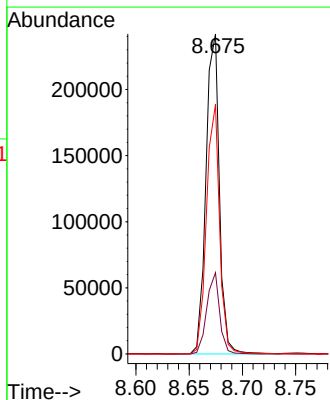
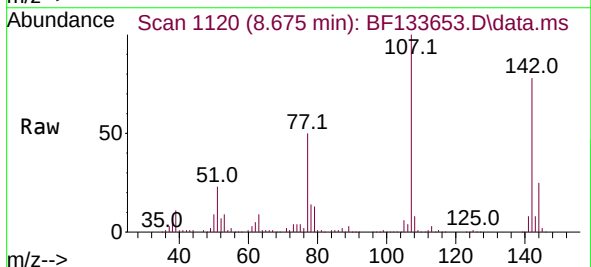
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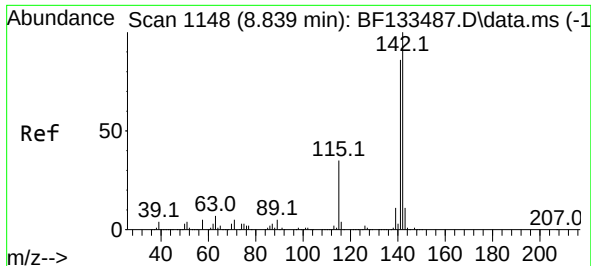
Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/13/2023



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.781 ng  
 RT: 8.675 min Scan# 1120  
 Delta R.T. 0.006 min  
 Lab File: BF133653.D  
 Acq: 08 Jun 2023 22:25

Tgt Ion:107 Resp: 212731  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 19.4 29.0  
 142 78.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 36.488 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.006 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 466718

Ion Ratio Lower Upper

142 100

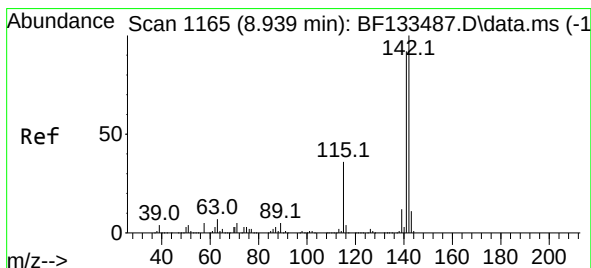
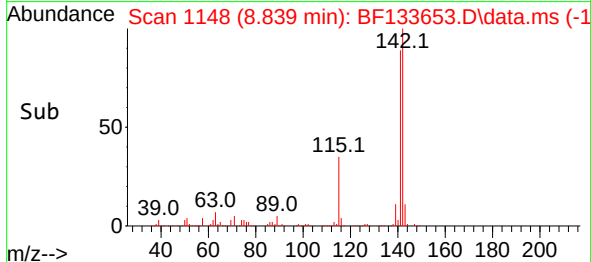
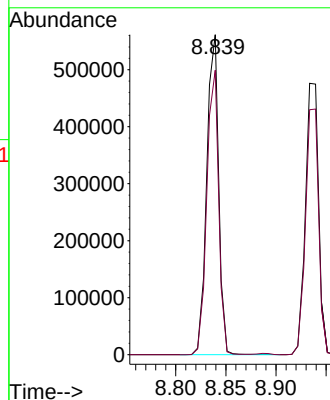
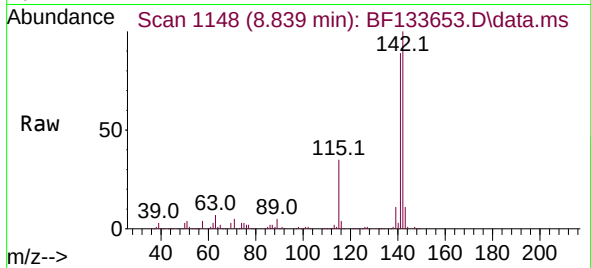
141 88.9 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#38

1-Methylnaphthalene

Concen: 36.454 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF133653.D

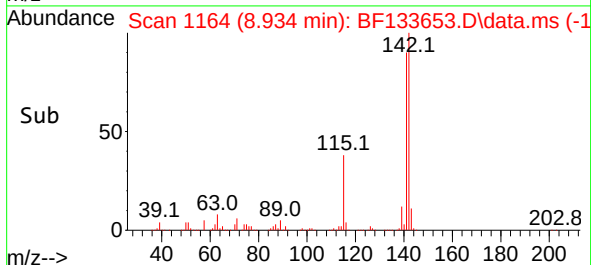
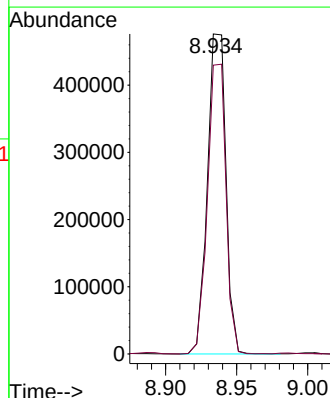
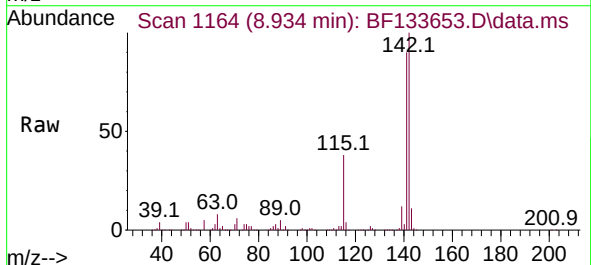
Acq: 08 Jun 2023 22:25

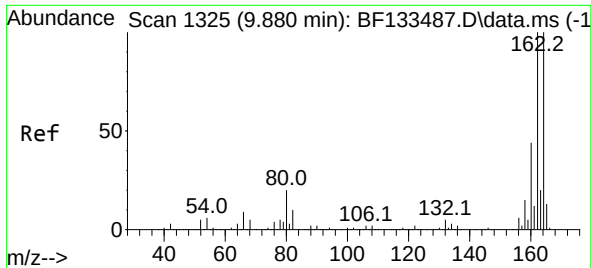
Tgt Ion:142 Resp: 434660

Ion Ratio Lower Upper

142 100

141 90.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF133653.D

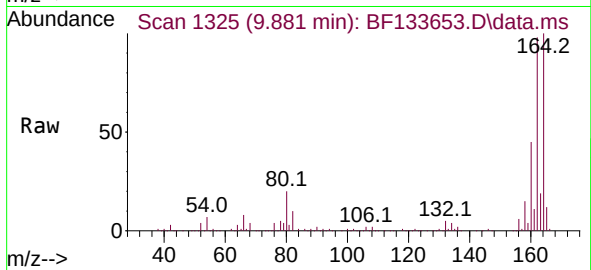
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 164990

Ion Ratio Lower Upper

164 100

162 98.5 79.7 119.5

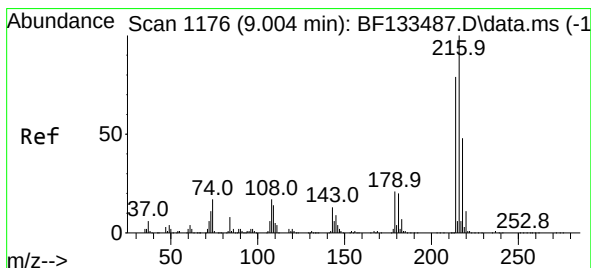
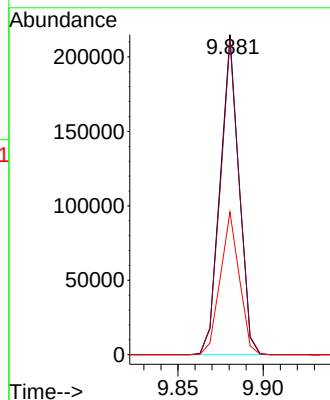
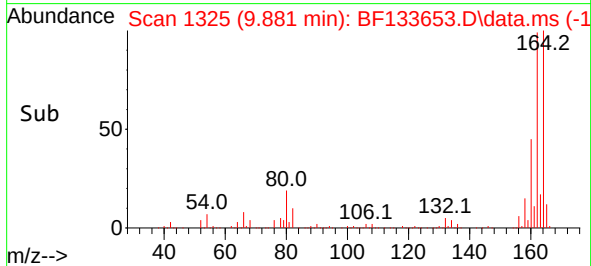
160 44.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.690 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

Tgt Ion:216 Resp: 208759

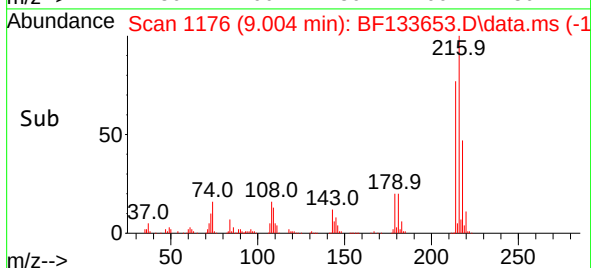
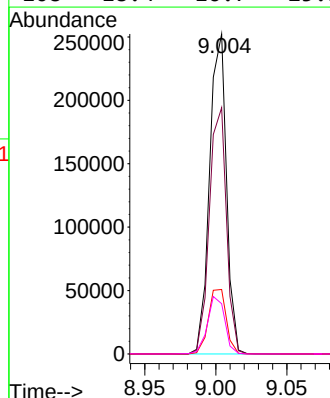
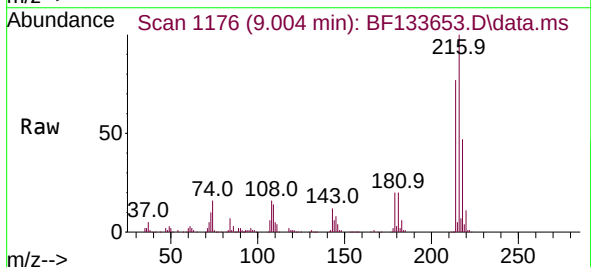
Ion Ratio Lower Upper

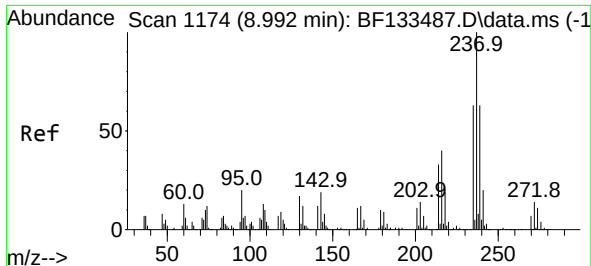
216 100

214 78.3 63.2 94.8

179 21.4 17.3 25.9

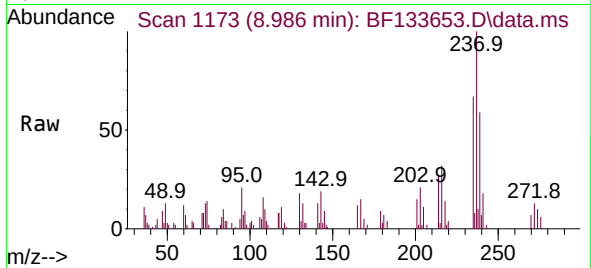
108 18.4 16.7 25.1





#41  
Hexachlorocyclopentadiene  
Concen: 3.241 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

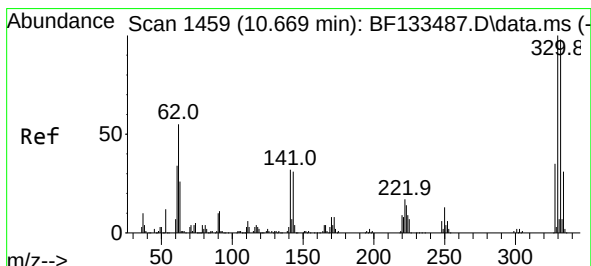
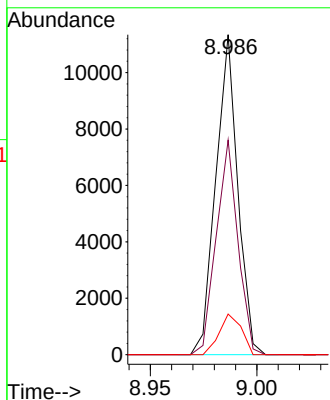
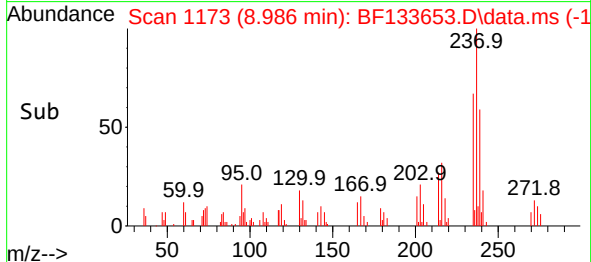
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



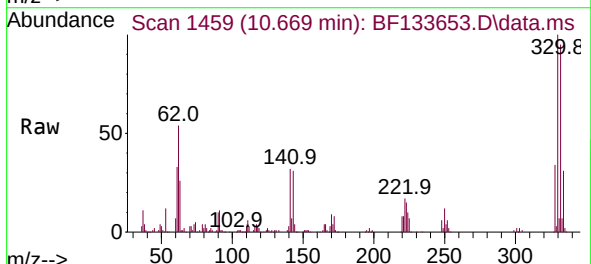
Tgt Ion: 237 Resp: 812  
Ion Ratio Lower Upper  
237 100  
235 67.0 43.0 83.0  
272 12.7 0.0 33.5

Manual Integrations  
APPROVED

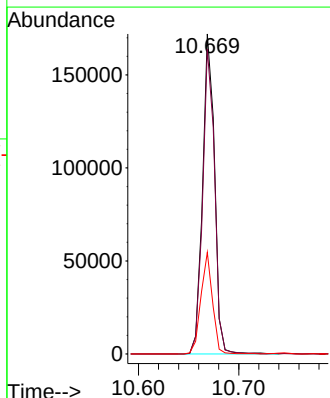
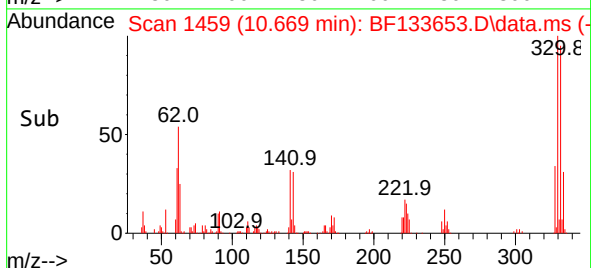
Reviewed By : Yogesh Patel 06/09/2023  
Supervised By : mohammad ahmed 06/13/2023



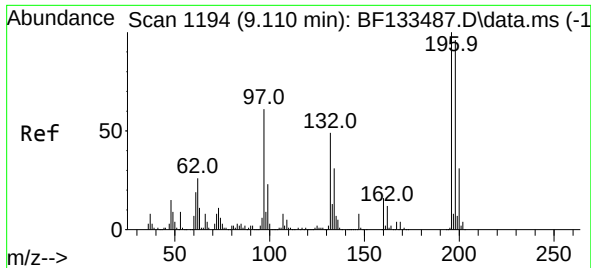
#42  
2,4,6-Tribromophenol  
Concen: 87.110 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion: 330 Resp: 143266  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.8 116.6  
141 30.7 26.6 40.0







#43  
2,4,6-Trichlorophenol  
Concen: 40.765 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

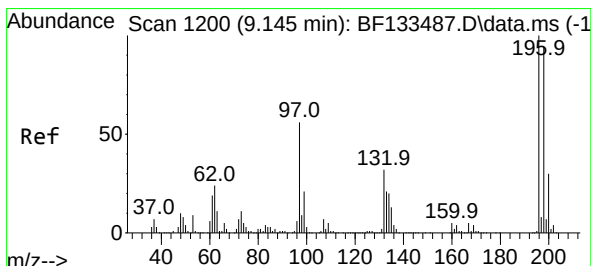
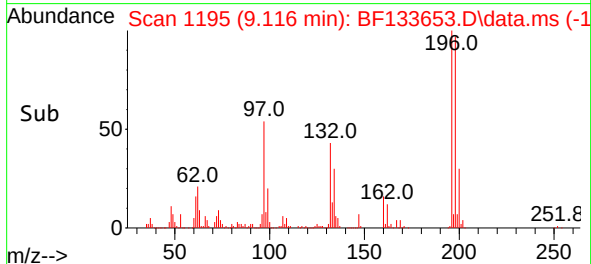
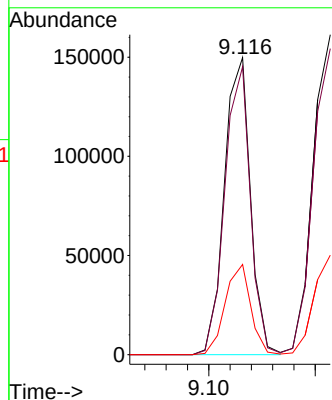
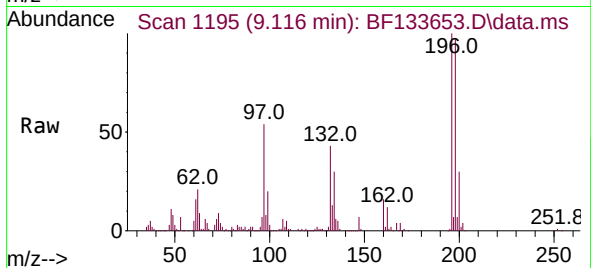
SSTDCCC040

Tgt Ion:196 Resp: 127558  
Ion Ratio Lower Upper  
196 100  
198 96.9 76.6 115.0  
200 30.4 24.6 37.0

Manual Integrations

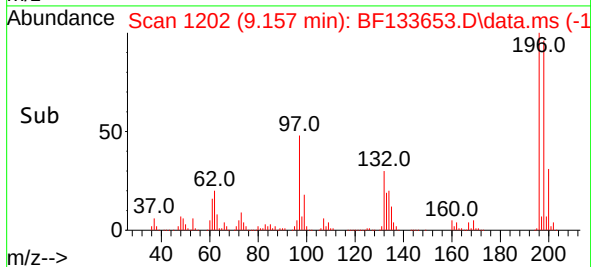
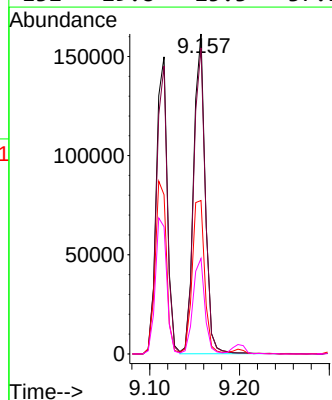
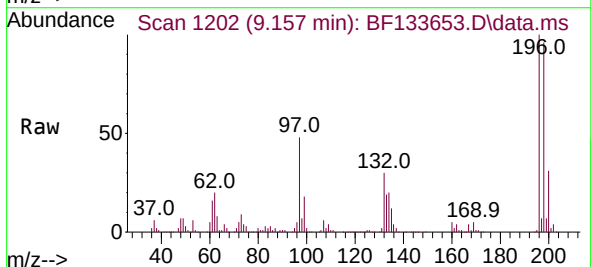
APPROVED

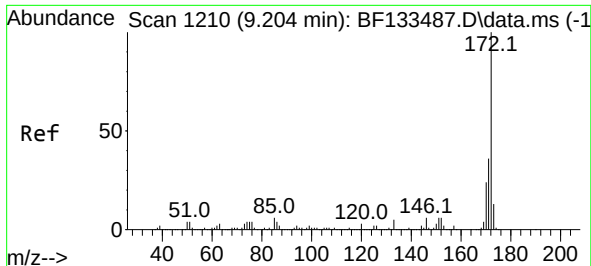
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#44  
2,4,5-Trichlorophenol  
Concen: 39.842 ng  
RT: 9.157 min Scan# 1202  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:196 Resp: 144705  
Ion Ratio Lower Upper  
196 100  
198 95.7 75.3 112.9  
97 47.9 44.9 67.3  
132 29.8 25.3 37.9





#45  
2-Fluorobiphenyl  
Concen: 89.236 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

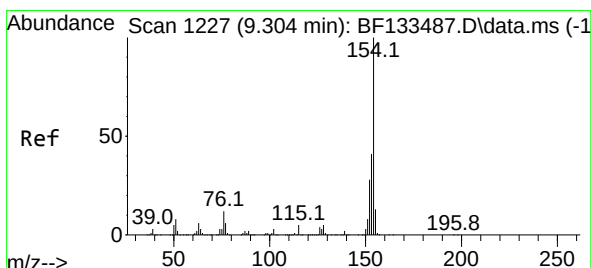
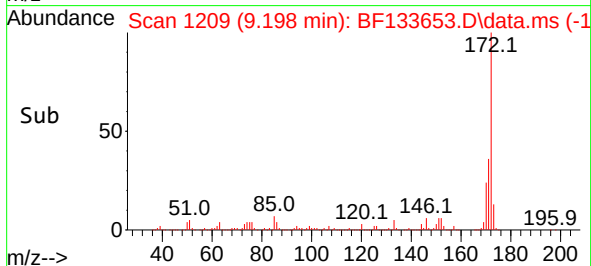
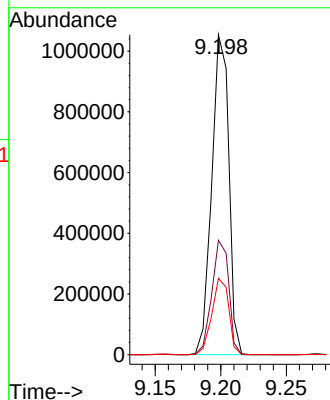
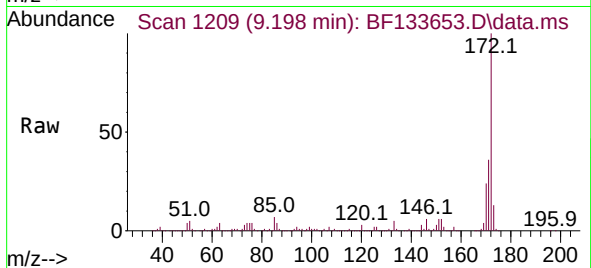
SSTDCCC040

Tgt Ion:172 Resp: 95391  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.4 42.6  
170 23.9 19.3 28.9

Manual Integrations

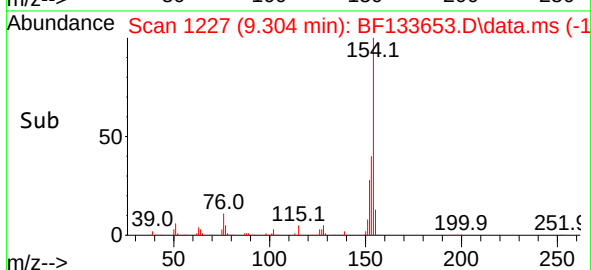
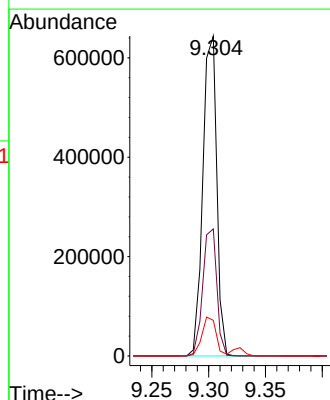
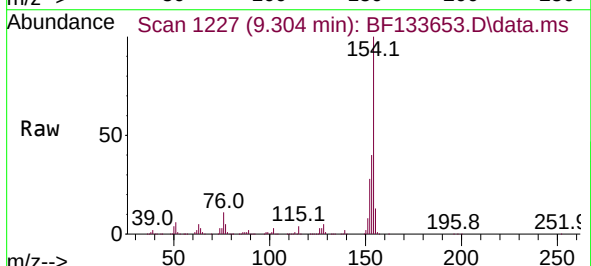
APPROVED

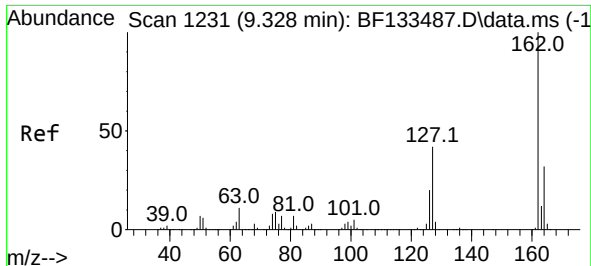
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#46  
1,1'-Biphenyl  
Concen: 40.782 ng  
RT: 9.304 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:154 Resp: 546668  
Ion Ratio Lower Upper  
154 100  
153 39.7 21.0 61.0  
76 11.2 0.0 32.5





#47

2-Chloronaphthalene

Concen: 38.971 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF133653.D

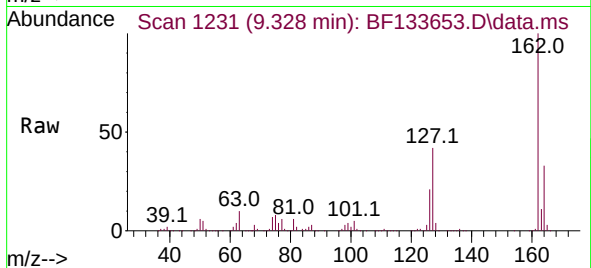
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 37860

Ion Ratio Lower Upper

162 100

127 41.8 33.2 49.8

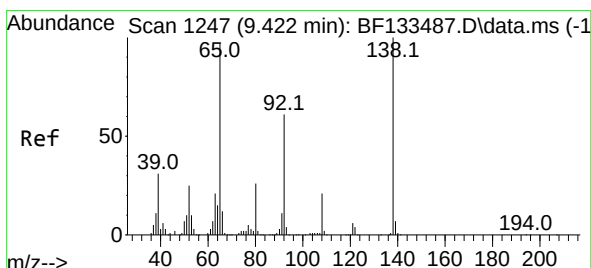
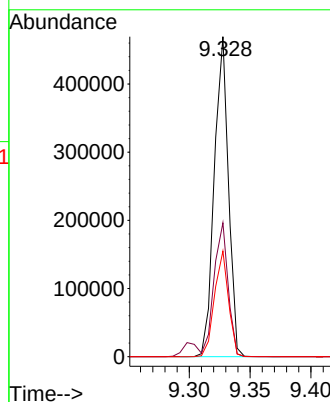
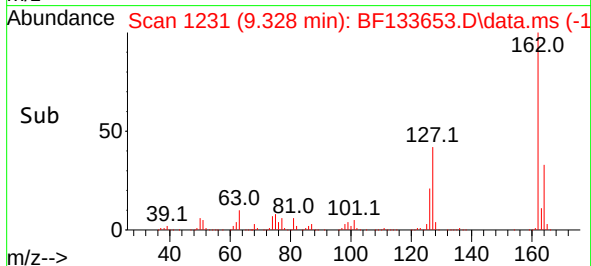
164 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#48

2-Nitroaniline

Concen: 45.975 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

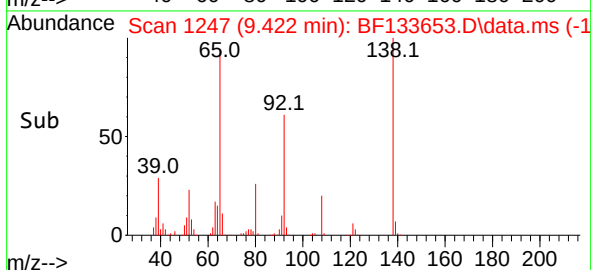
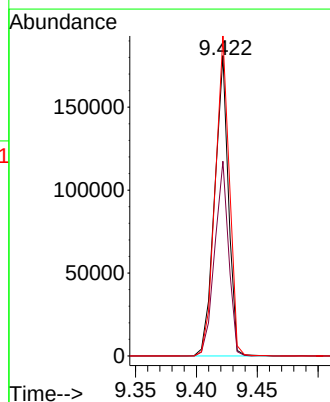
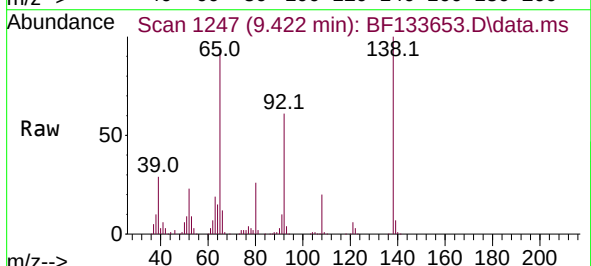
Tgt Ion: 65 Resp: 142827

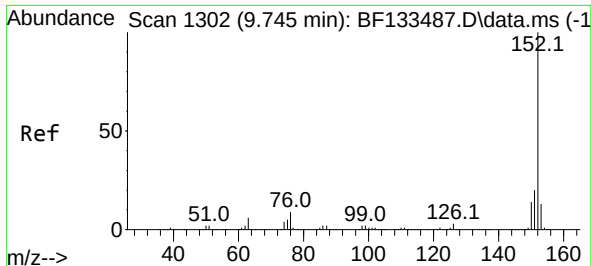
Ion Ratio Lower Upper

65 100

92 64.8 50.8 76.2

138 106.5 82.6 124.0





#49

Acenaphthylene

Concen: 37.873 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133653.D

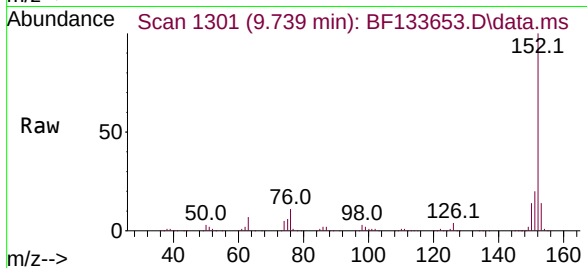
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 627880

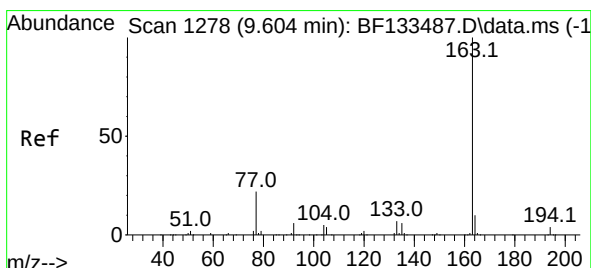
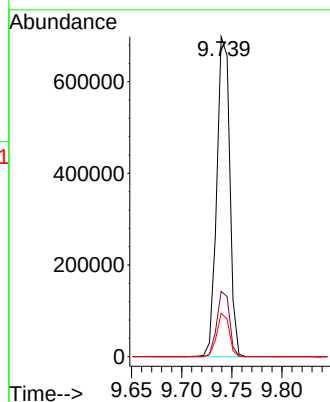
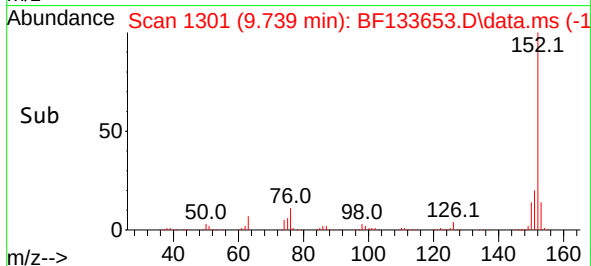
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.4  | 16.0  | 24.0  |
| 153 | 13.6  | 10.4  | 15.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#50

Dimethylphthalate

Concen: 43.358 ng

RT: 9.598 min Scan# 1277

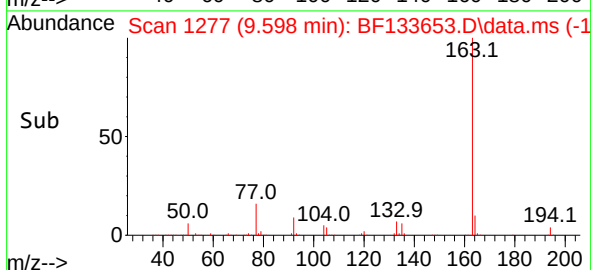
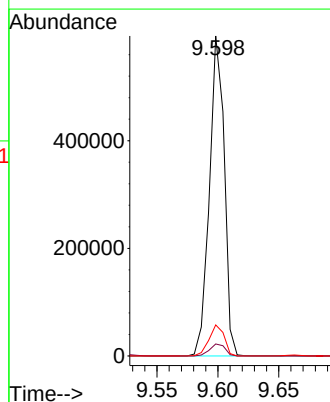
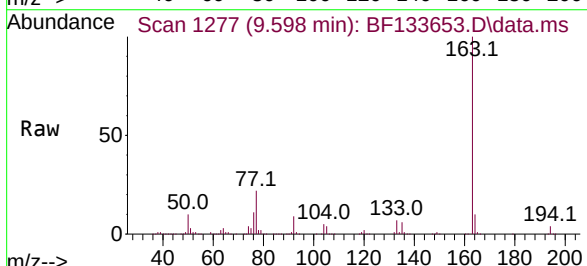
Delta R.T. -0.006 min

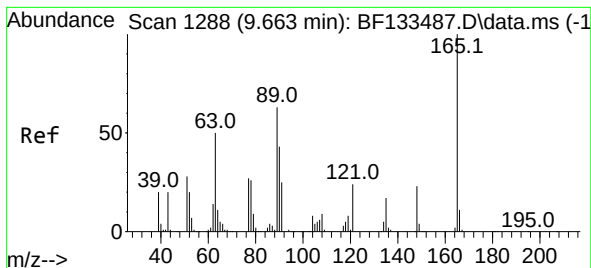
Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

Tgt Ion:163 Resp: 502783

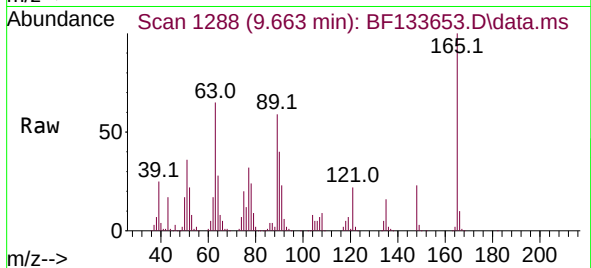
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 3.0   | 4.6   |
| 164 | 9.7   | 8.2   | 12.2  |





#51  
2,6-Dinitrotoluene  
Concen: 38.498 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

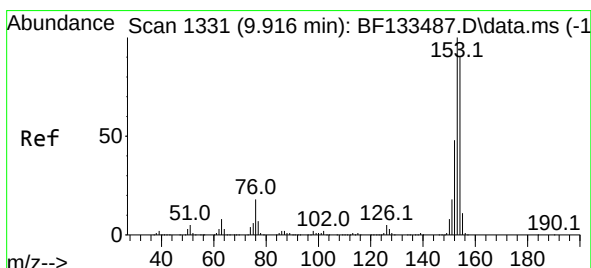
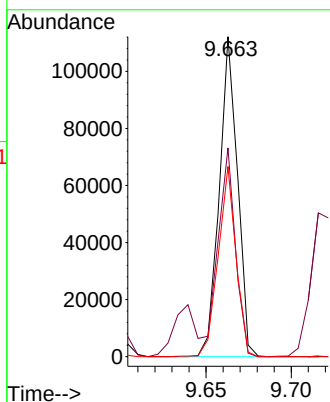
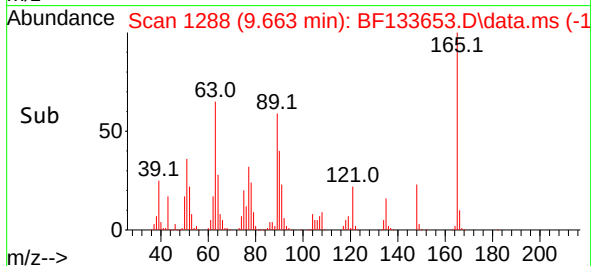
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



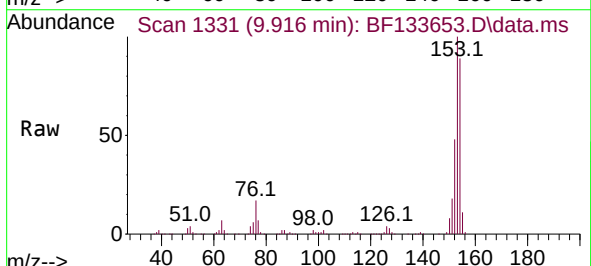
Tgt Ion:165 Resp: 83139  
Ion Ratio Lower Upper  
165 100  
63 65.2 57.0 85.4  
89 59.5 50.8 76.2

Manual Integrations  
APPROVED

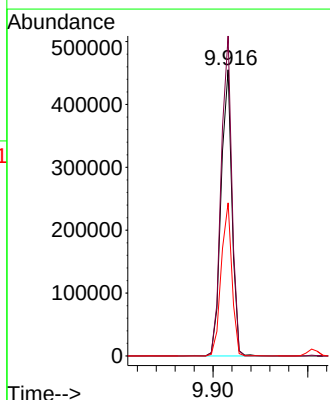
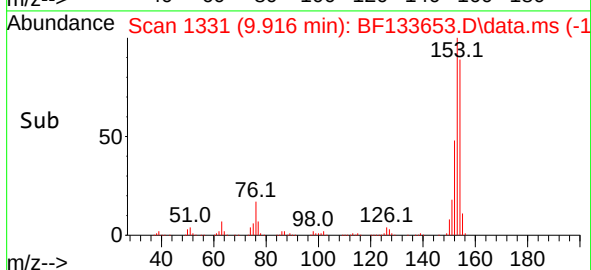
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

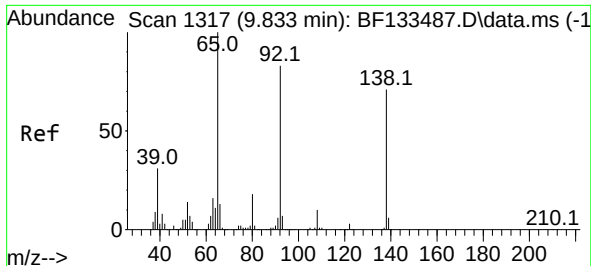


#52  
Acenaphthene  
Concen: 36.278 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion:154 Resp: 364328  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.2 133.8  
152 53.5 43.1 64.7





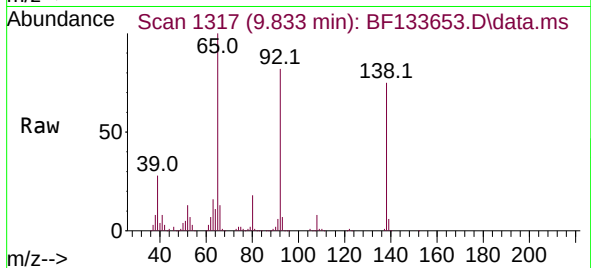
#53  
3-Nitroaniline  
Concen: 47.429 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

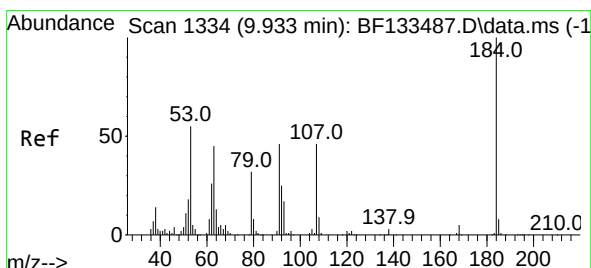
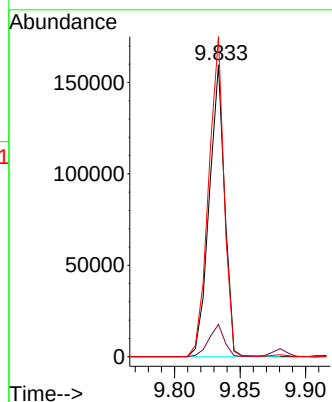
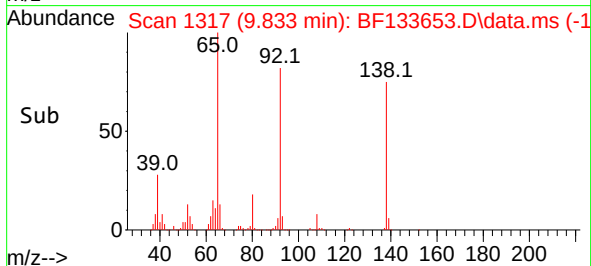


Tgt Ion:138 Resp: 130984  
Ion Ratio Lower Upper  
138 100  
108 11.1 11.9 17.9  
92 109.7 93.1 139.7

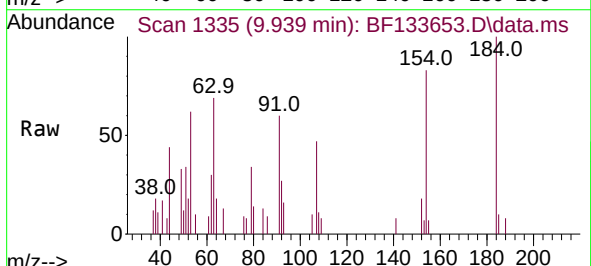
Manual Integrations

APPROVED

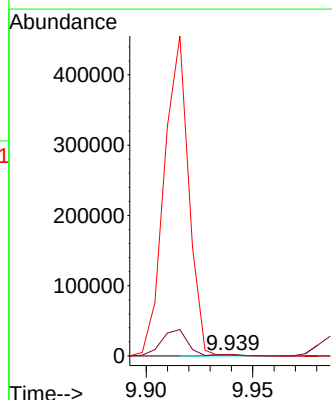
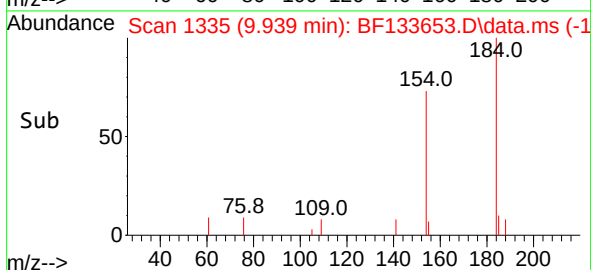
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

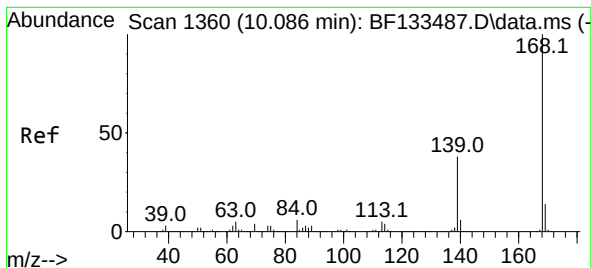


#54  
2,4-Dinitrophenol  
Concen: 8.706 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion:184 Resp: 1837  
Ion Ratio Lower Upper  
184 100  
63 69.1 55.7 83.5  
154 82.8 49.3 73.9#





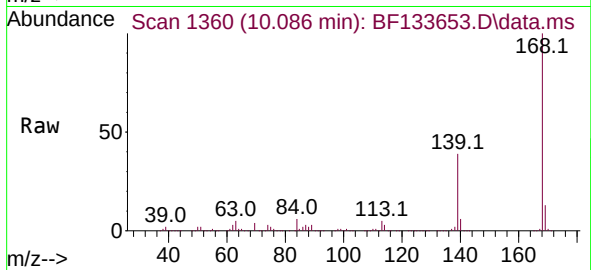
#55  
Dibenzofuran  
Concen: 37.679 ng  
RT: 10.086 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



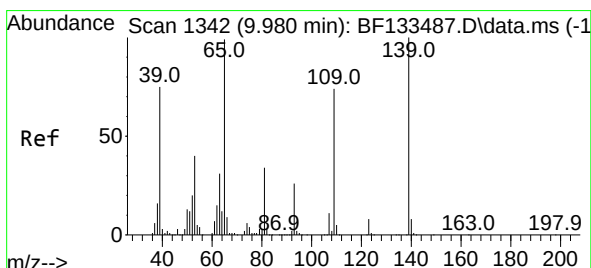
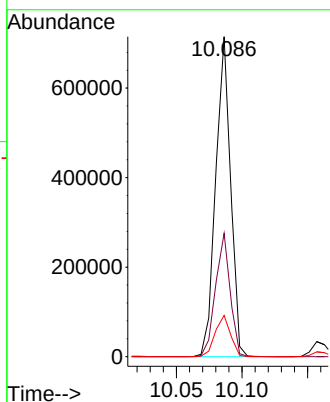
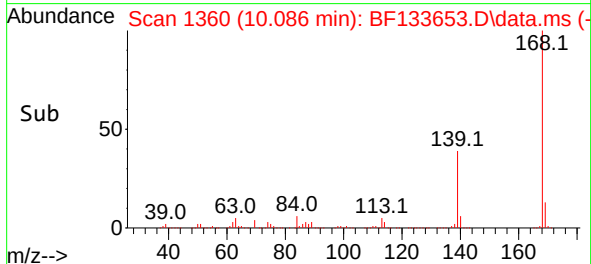
Tgt Ion:168 Resp: 562958  
Ion Ratio Lower Upper  
168 100  
139 38.5 30.6 46.0  
169 12.9 10.9 16.3

Manual Integrations

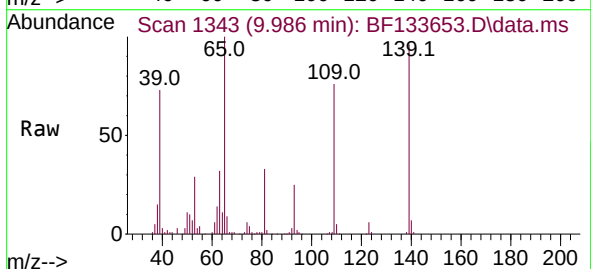
APPROVED

Reviewed By :Yogesh Patel 06/09/2023

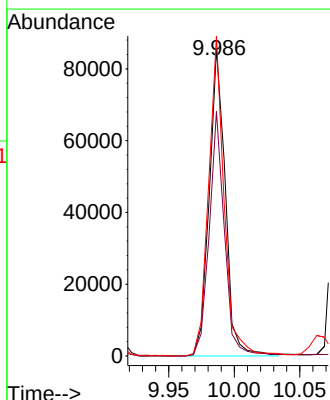
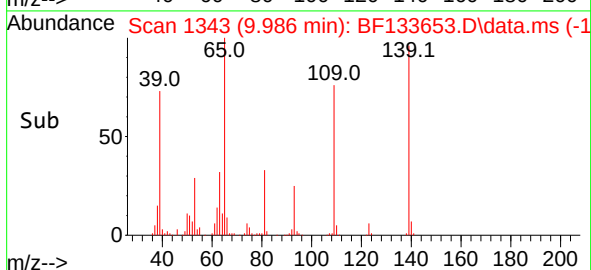
Supervised By :mohammad ahmed 06/13/2023

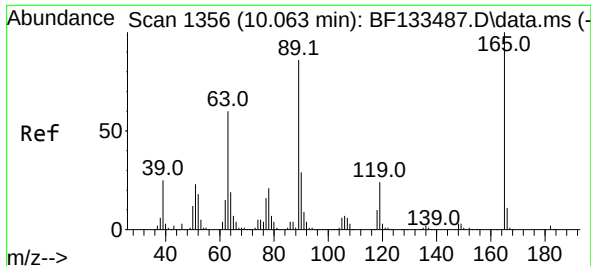


#56  
4-Nitrophenol  
Concen: 36.855 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion:139 Resp: 73120  
Ion Ratio Lower Upper  
139 100  
109 79.7 54.5 94.5  
65 104.3 79.5 119.5





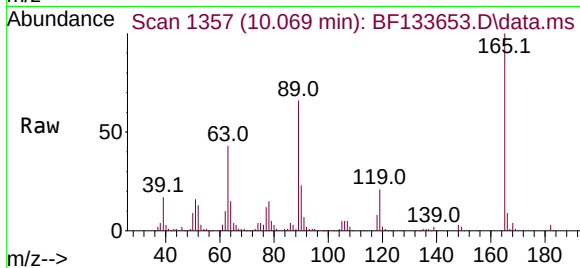
#57  
2,4-Dinitrotoluene  
Concen: 35.979 ng  
RT: 10.069 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



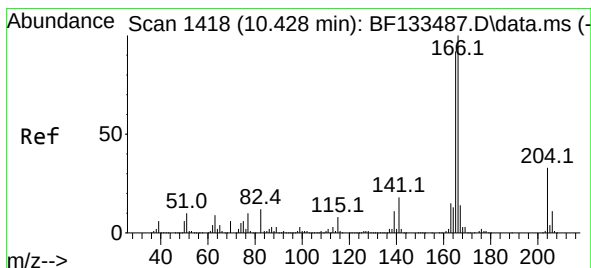
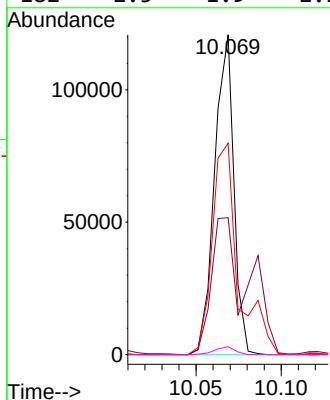
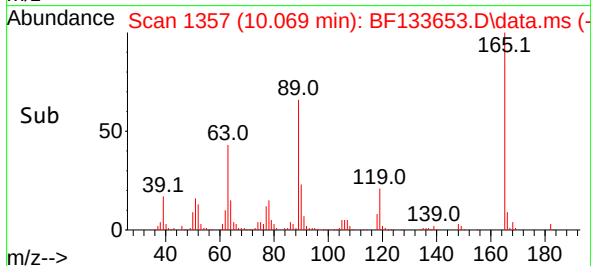
Tgt Ion:165 Resp: 94849  
Ion Ratio Lower Upper  
165 100  
63 42.8 48.1 72.1  
89 66.1 68.4 102.6  
182 2.5 1.9 2.9

Manual Integrations

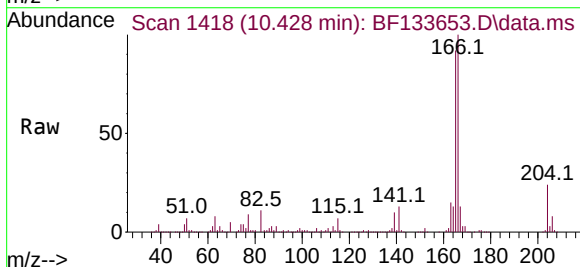
APPROVED

Reviewed By :Yogesh Patel 06/09/2023

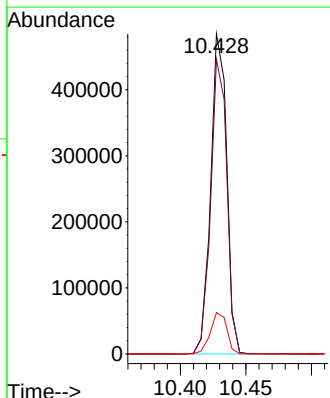
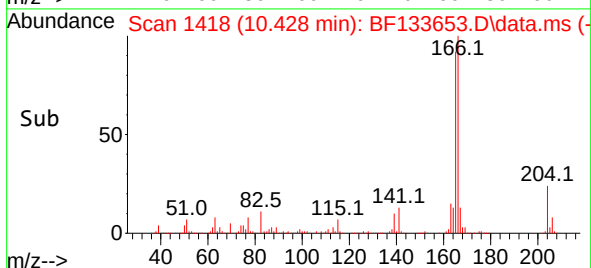
Supervised By :mohammad ahmed 06/13/2023



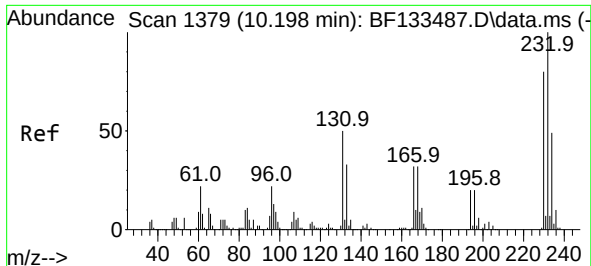
#58  
Fluorene  
Concen: 37.635 ng  
RT: 10.428 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion:166 Resp: 411974  
Ion Ratio Lower Upper  
166 100  
165 92.0 73.4 110.0  
167 13.0 10.9 16.3

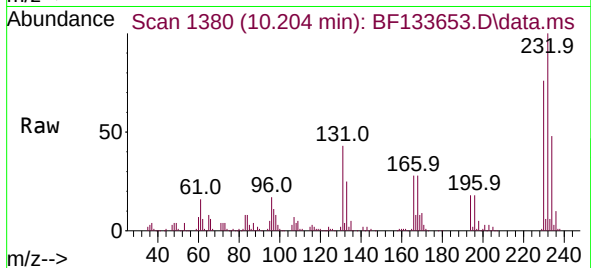






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.822 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

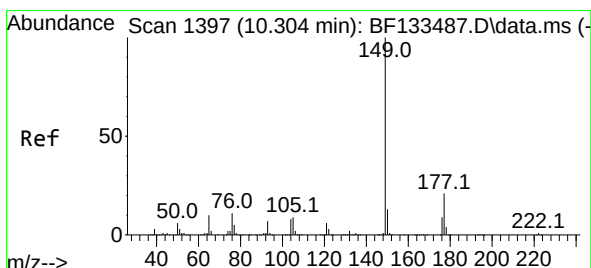
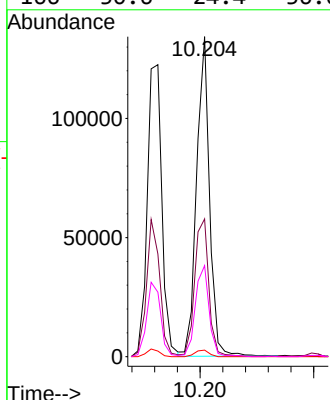
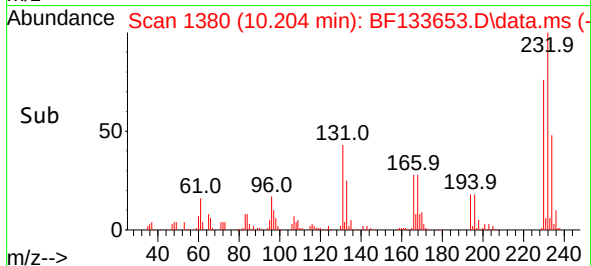
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 10619  
Ion Ratio Lower Upper  
232 100  
131 47.1 37.9 56.9  
130 2.2 1.8 2.6  
166 30.6 24.4 36.6

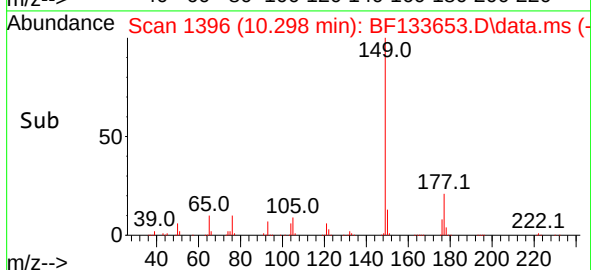
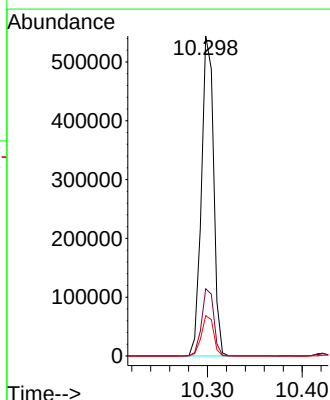
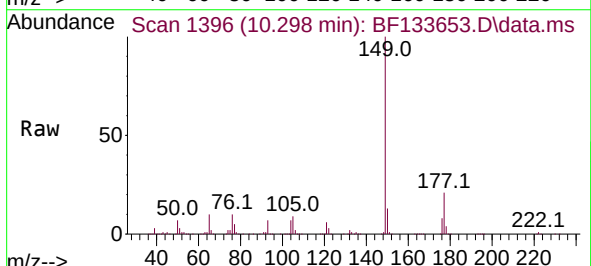
Manual Integrations  
APPROVED

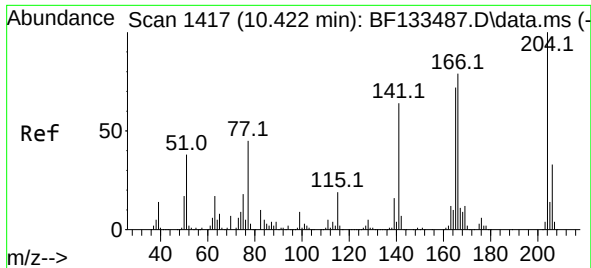
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#60  
Diethylphthalate  
Concen: 40.444 ng  
RT: 10.298 min Scan# 1396  
Delta R.T. -0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:149 Resp: 486863  
Ion Ratio Lower Upper  
149 100  
177 21.0 17.1 25.7  
150 12.6 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 39.654 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

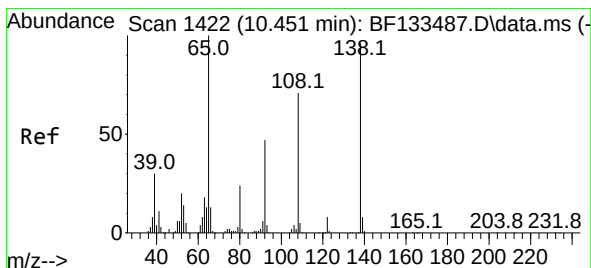
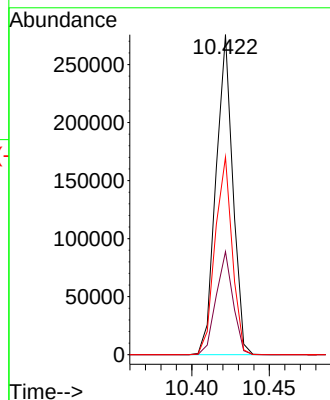
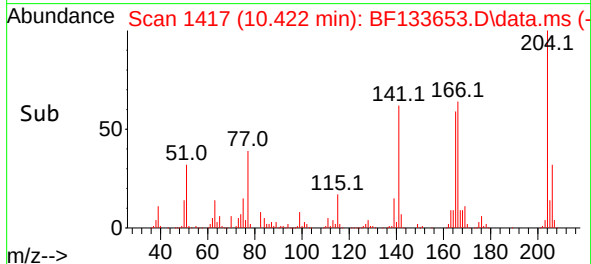
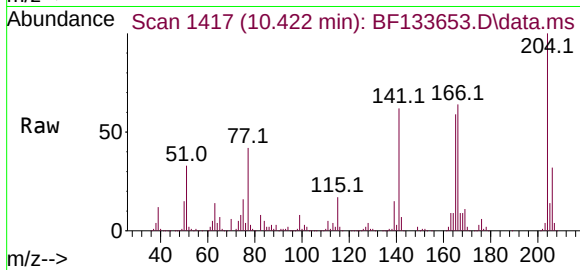
SSTDCCC040

Tgt Ion:204 Resp: 208428  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.2 39.2  
141 61.7 51.4 77.2

Manual Integrations

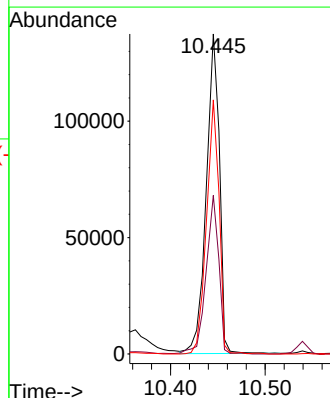
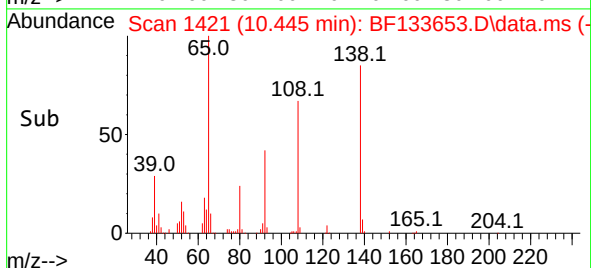
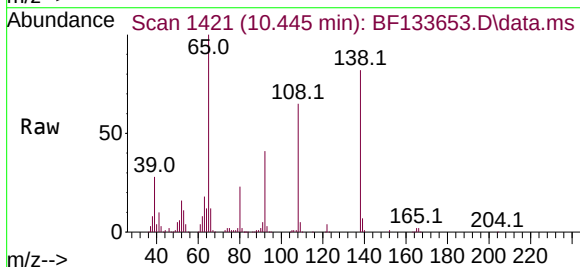
APPROVED

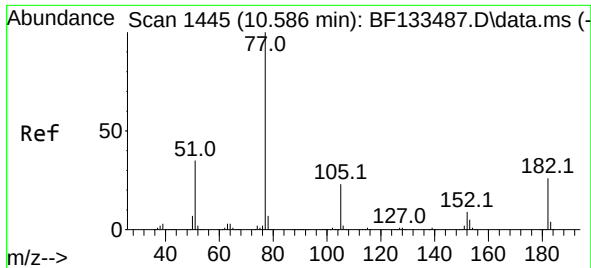
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#62  
4-Nitroaniline  
Concen: 47.564 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:138 Resp: 132397  
Ion Ratio Lower Upper  
138 100  
92 49.5 28.4 68.4  
108 79.4 54.2 94.2





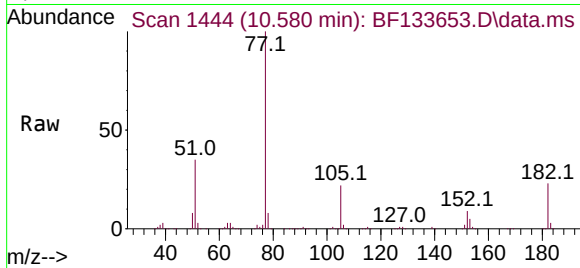
#63  
Azobenzene  
Concen: 34.550 ng  
RT: 10.580 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



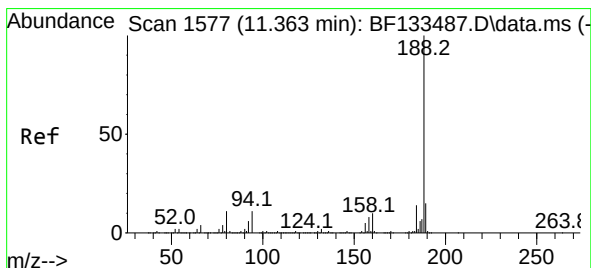
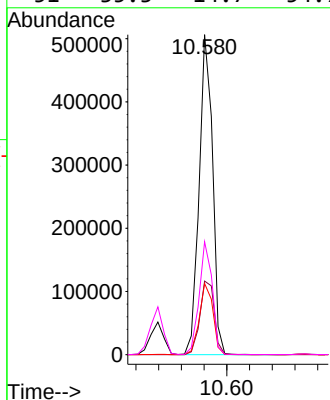
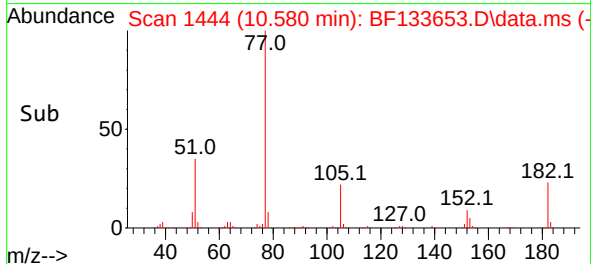
Tgt Ion: 77 Resp: 41632  
Ion Ratio Lower Upper  
77 100  
182 23.0 5.6 45.6  
105 22.3 2.6 42.6  
51 35.3 14.7 54.7

Manual Integrations

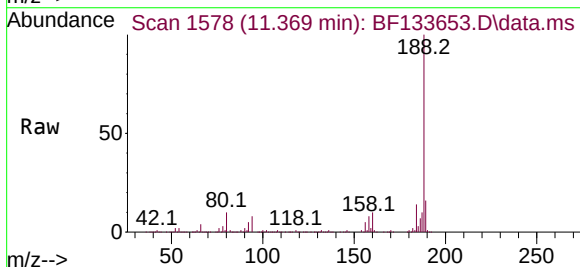
APPROVED

Reviewed By :Yogesh Patel 06/09/2023

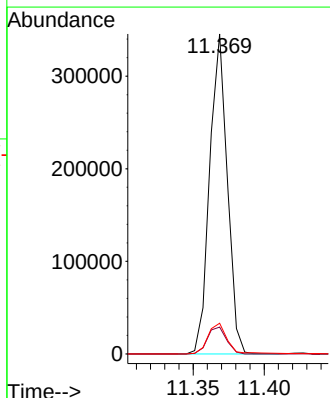
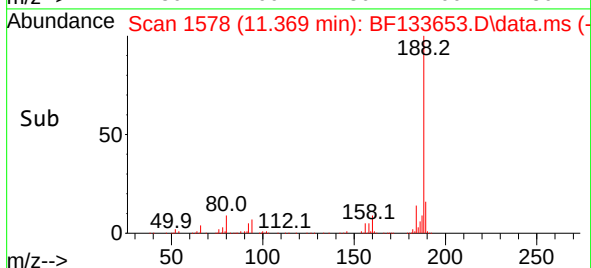
Supervised By :mohammad ahmed 06/13/2023

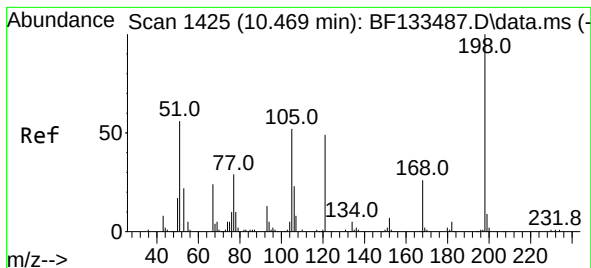


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion:188 Resp: 297658  
Ion Ratio Lower Upper  
188 100  
94 8.4 8.6 12.8#  
80 9.6 9.2 13.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 10.799 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

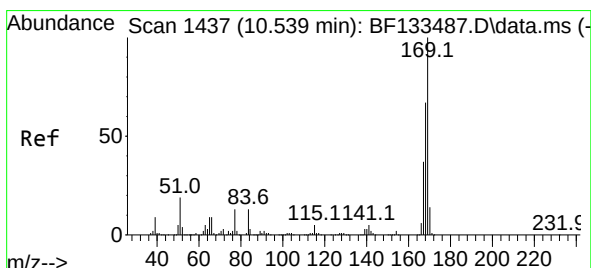
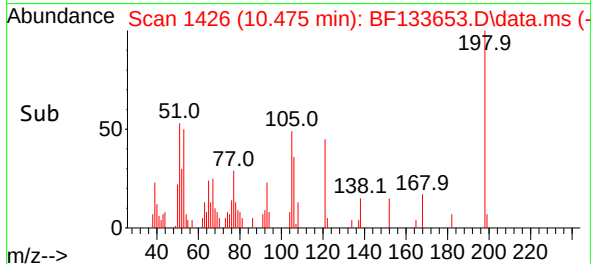
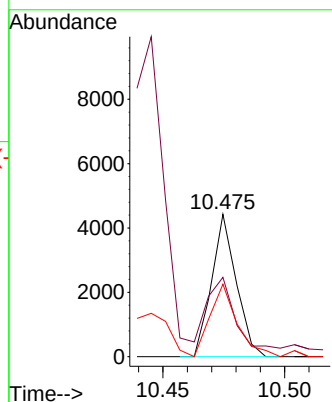
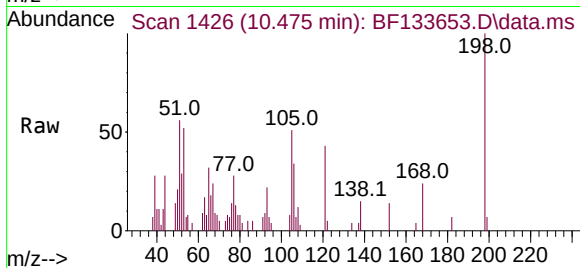
SSTDCCC040

Tgt Ion:198 Resp: 310  
Ion Ratio Lower Upper  
198 100  
51 55.7 53.6 93.6  
105 50.9 35.9 75.9

Manual Integrations

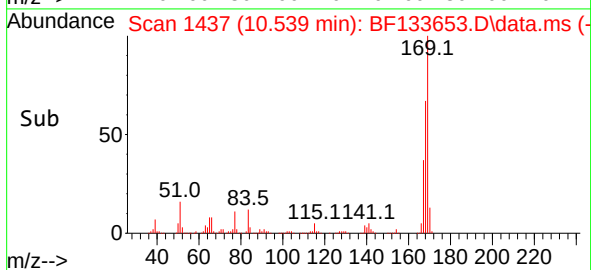
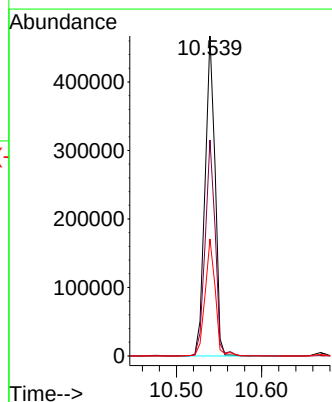
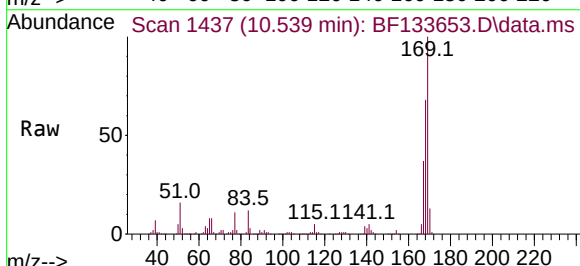
APPROVED

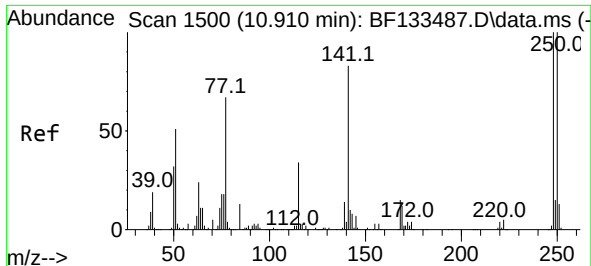
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#66  
n-Nitrosodiphenylamine  
Concen: 39.274 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:169 Resp: 379522  
Ion Ratio Lower Upper  
169 100  
168 67.5 53.7 80.5  
167 36.5 29.6 44.4





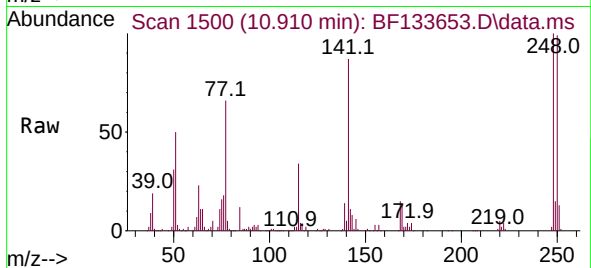
#67  
4-Bromophenyl-phenylether  
Concen: 40.318 ng  
RT: 10.910 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

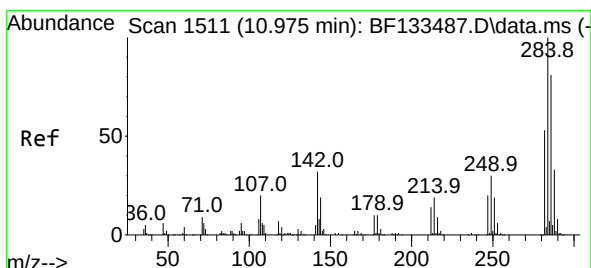
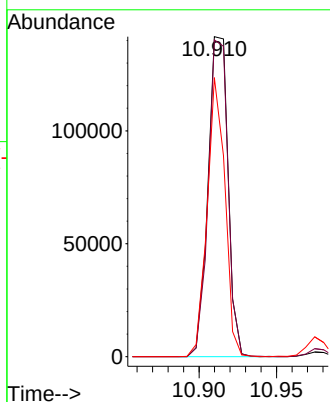
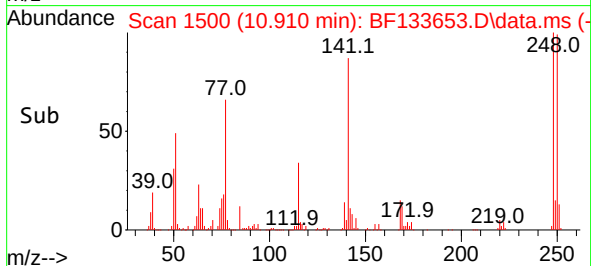


Tgt Ion:248 Resp: 127452  
Ion Ratio Lower Upper  
248 100  
250 99.0 79.7 119.5  
141 87.2 66.6 100.0

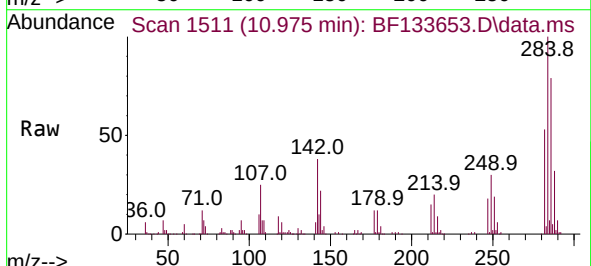
Manual Integrations

APPROVED

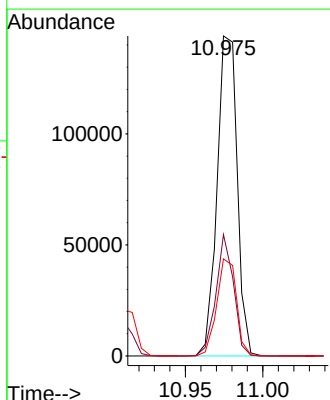
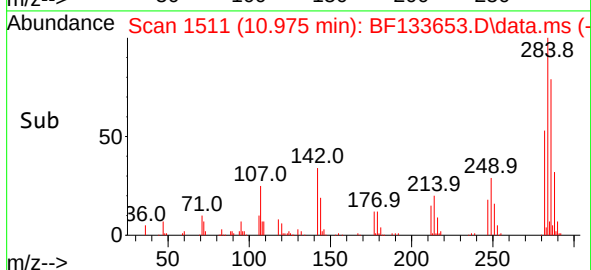
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

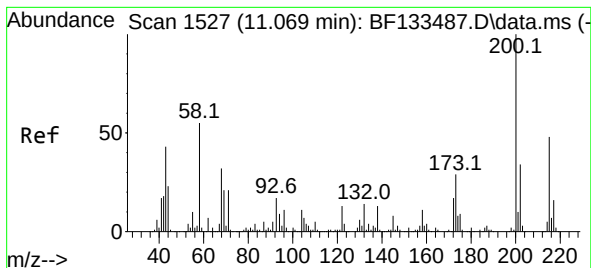


#68  
Hexachlorobenzene  
Concen: 39.375 ng  
RT: 10.975 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



Tgt Ion:284 Resp: 130162  
Ion Ratio Lower Upper  
284 100  
142 38.0 25.8 38.6  
249 30.4 24.4 36.6





#69

Atrazine

Concen: 31.823 ng

RT: 11.063 min Scan# 1527

Delta R.T. -0.006 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

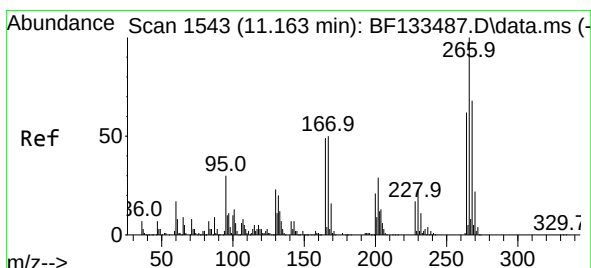
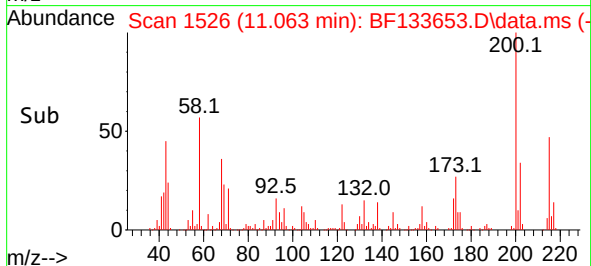
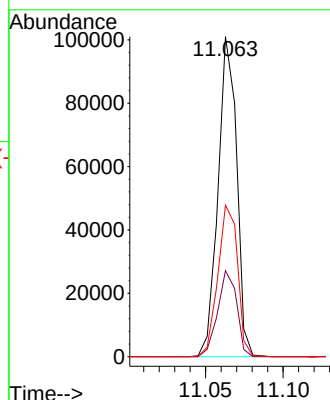
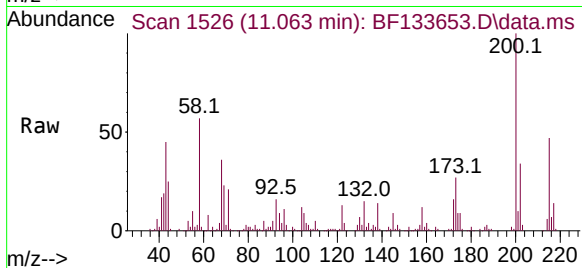
Tgt Ion:200 Resp: 84378  
 Ion Ratio Lower Upper  
 200 100  
 173 26.9 9.0 49.0  
 215 47.3 27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#70

Pentachlorophenol

Concen: 35.684 ng

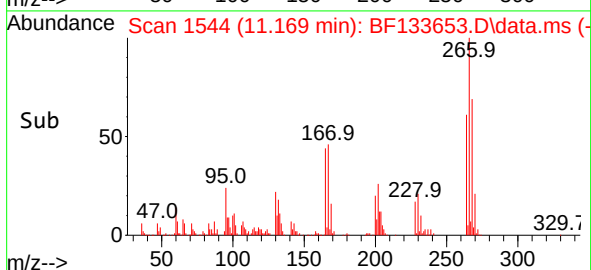
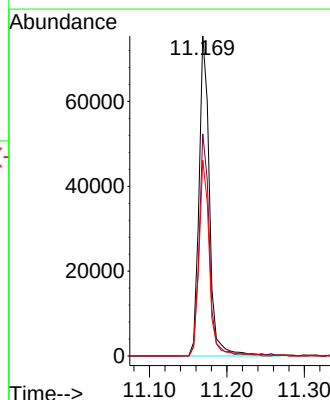
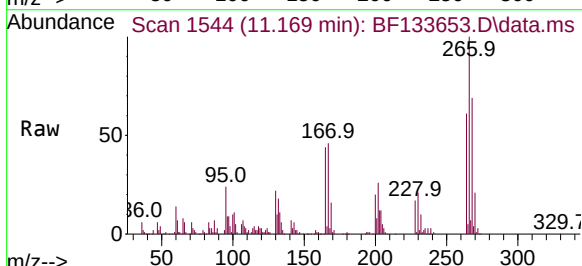
RT: 11.169 min Scan# 1544

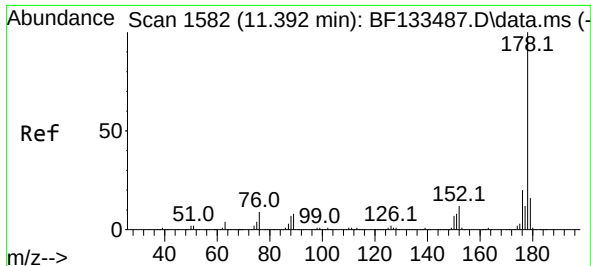
Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

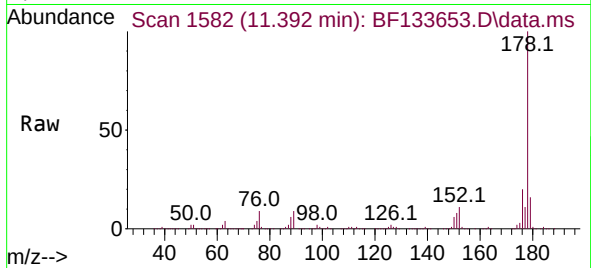
Tgt Ion:266 Resp: 70533  
 Ion Ratio Lower Upper  
 266 100  
 268 69.4 54.6 82.0  
 264 61.2 49.2 73.8





#71  
Phenanthrene  
Concen: 38.344 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

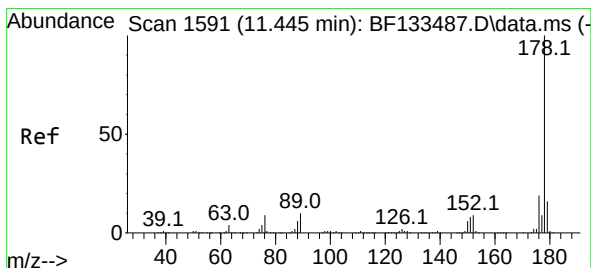
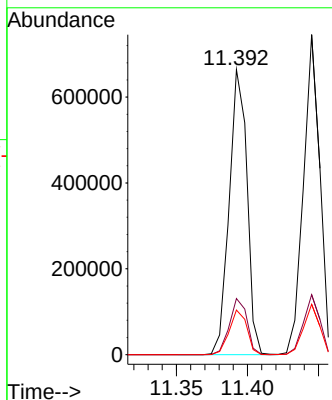
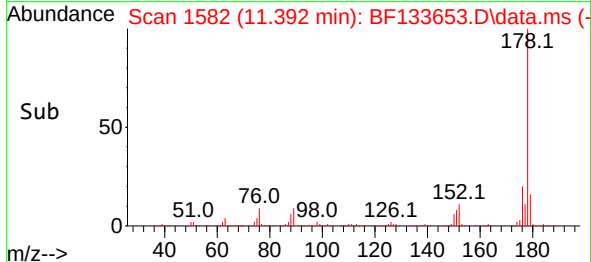
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



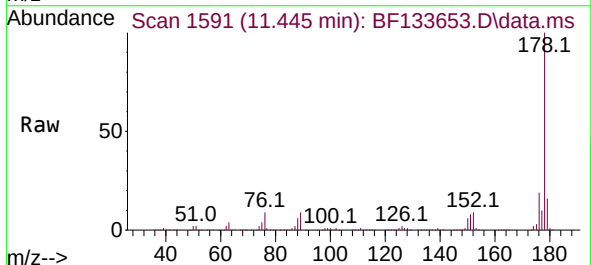
Tgt Ion:178 Resp: 578080  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.6 23.4  
179 15.7 12.4 18.6

Manual Integrations  
APPROVED

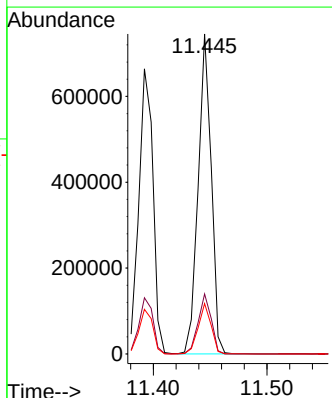
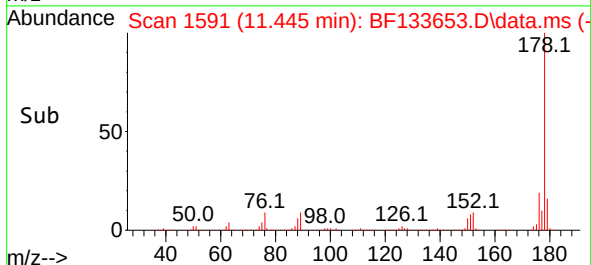
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

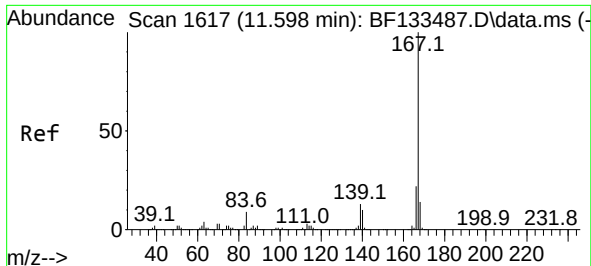


#72  
Anthracene  
Concen: 38.540 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25



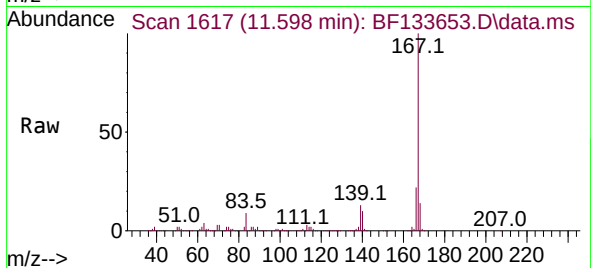
Tgt Ion:178 Resp: 597994  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.3 22.9  
179 15.8 12.6 18.8





#73  
 Carbazole  
 Concen: 38.226 ng  
 RT: 11.598 min Scan# 1617  
 Delta R.T. 0.000 min  
 Lab File: BF133653.D  
 Acq: 08 Jun 2023 22:25

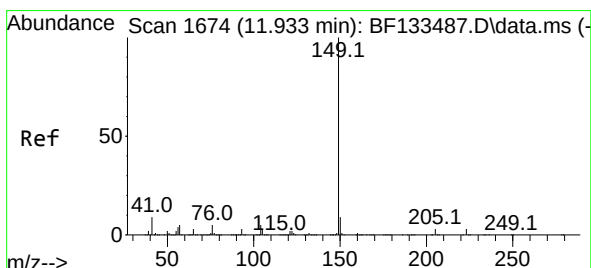
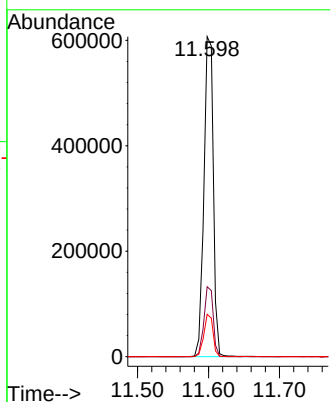
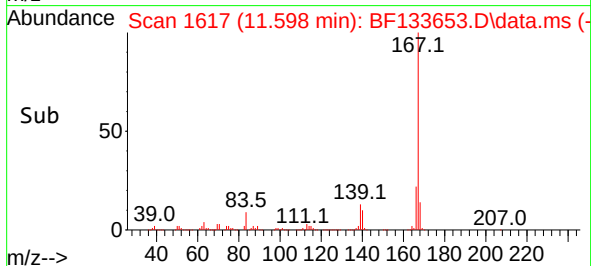
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



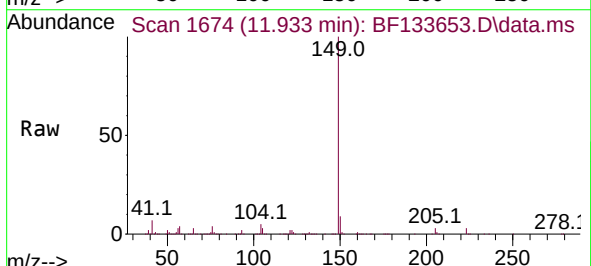
Tgt Ion:167 Resp: 560920  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.3 25.9  
 139 13.2 10.7 16.1

Manual Integrations  
 APPROVED

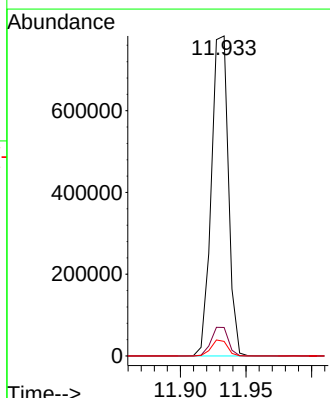
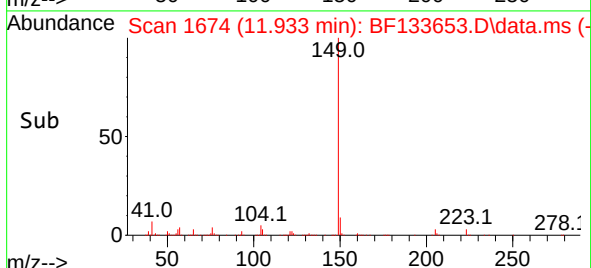
Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/13/2023



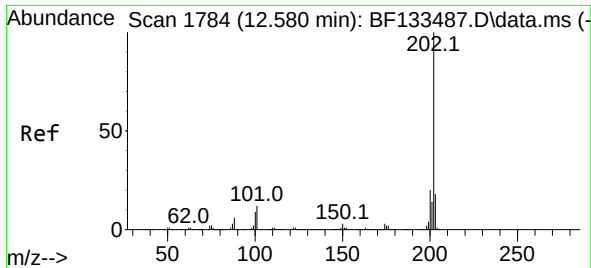
#74  
 Di-n-butylphthalate  
 Concen: 40.725 ng  
 RT: 11.933 min Scan# 1674  
 Delta R.T. 0.000 min  
 Lab File: BF133653.D  
 Acq: 08 Jun 2023 22:25



Tgt Ion:149 Resp: 706638  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.4 11.2  
 104 4.6 3.9 5.9







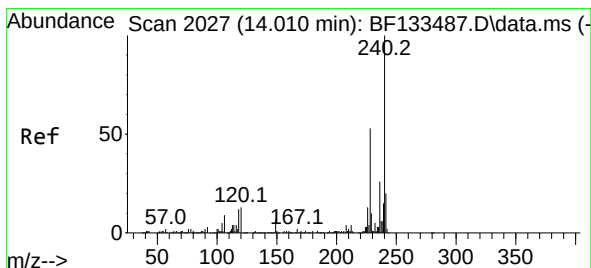
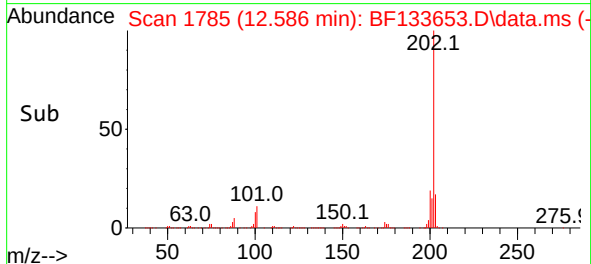
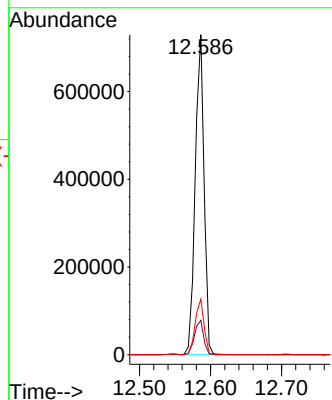
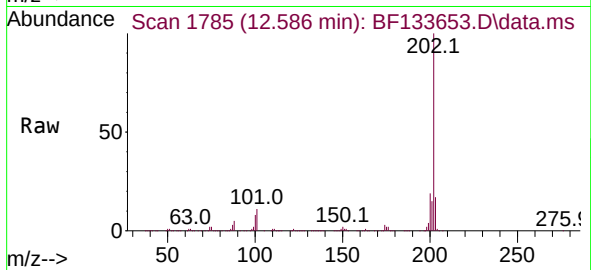
#75  
Fluoranthene  
Concen: 38.071 ng  
RT: 12.586 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:202 Resp: 63398  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 32.2  
203 17.3 0.0 37.8

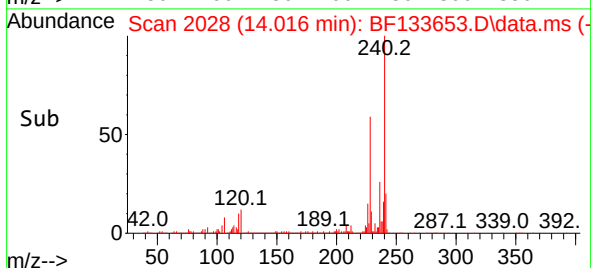
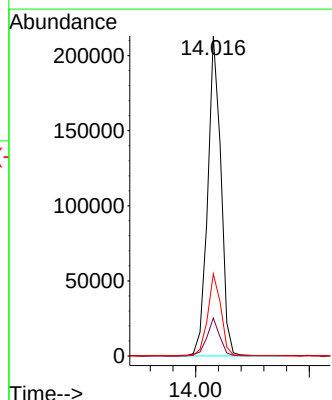
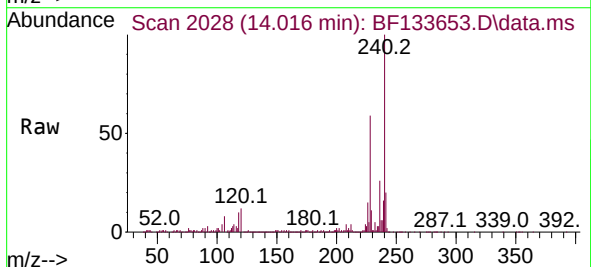
Manual Integrations  
APPROVED

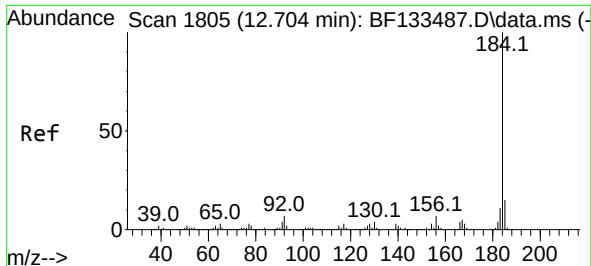
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

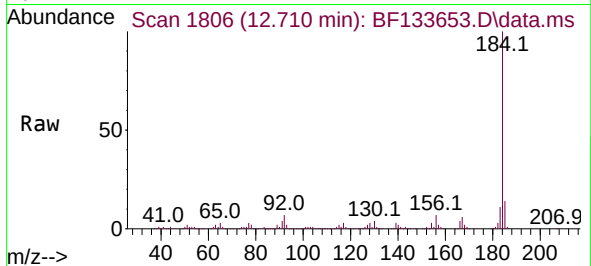
Tgt Ion:240 Resp: 171540  
Ion Ratio Lower Upper  
240 100  
120 11.9 10.3 15.5  
236 25.7 20.5 30.7





#77  
Benzidine  
Concen: 43.090 ng  
RT: 12.710 min Scan# 1806  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

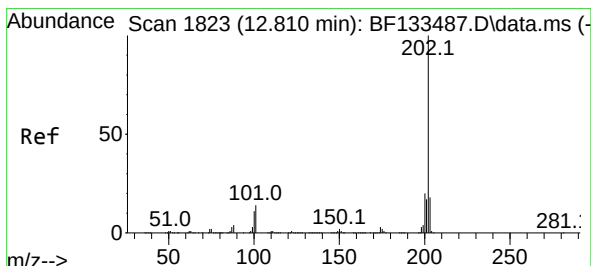
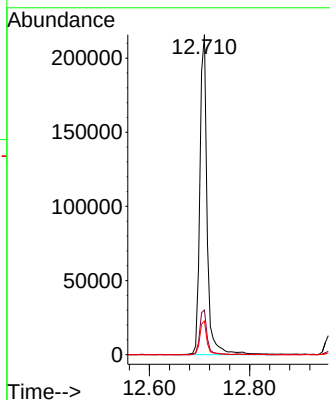
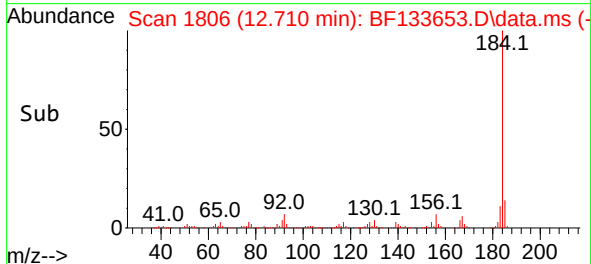
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 21618  
Ion Ratio Lower Upper  
184 100  
185 14.0 12.2 18.2  
183 10.5 8.7 13.1

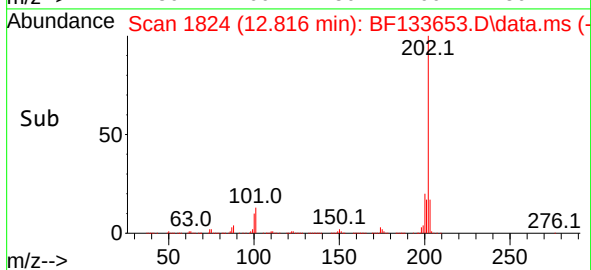
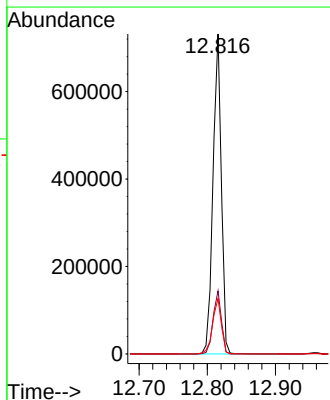
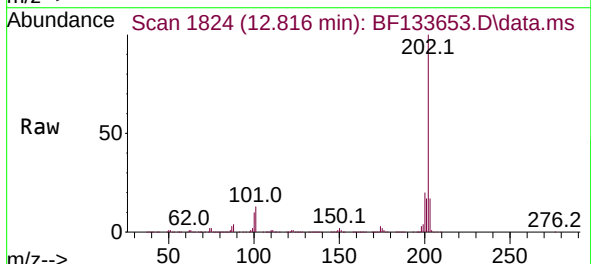
Manual Integrations  
APPROVED

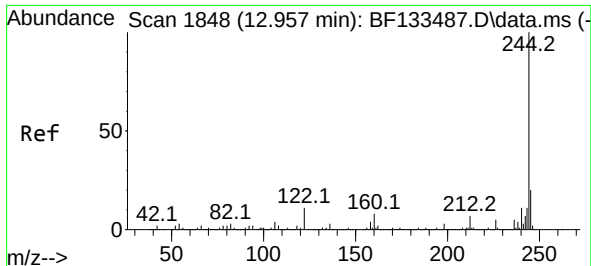
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#78  
Pyrene  
Concen: 42.608 ng  
RT: 12.816 min Scan# 1824  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:202 Resp: 621966  
Ion Ratio Lower Upper  
202 100  
200 19.7 16.3 24.5  
203 17.3 14.3 21.5





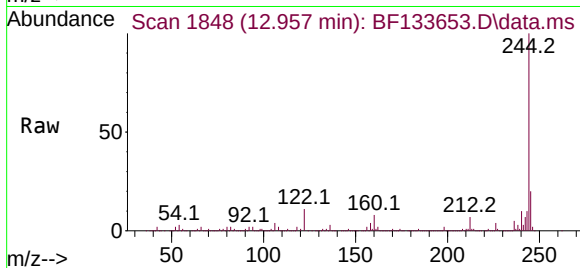
#79  
 Terphenyl-d14  
 Concen: 91.968 ng  
 RT: 12.957 min Scan# 1848  
 Delta R.T. 0.000 min  
 Lab File: BF133653.D  
 Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

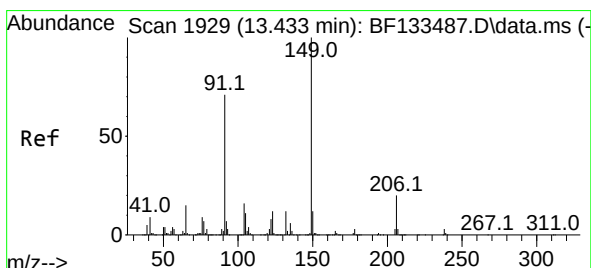
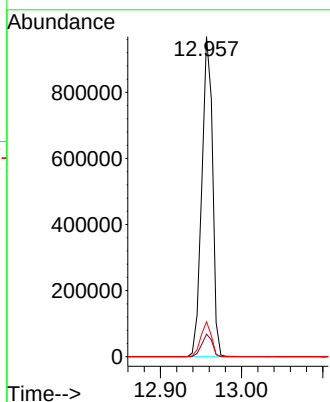
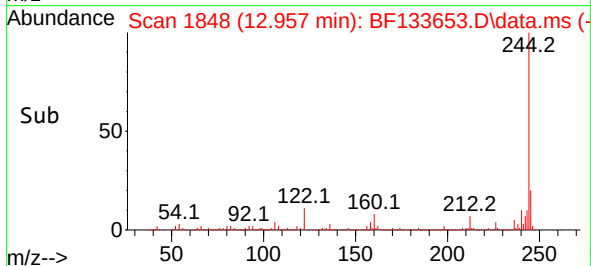


Tgt Ion:244 Resp: 887312  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.6  
 122 10.9 8.5 12.7

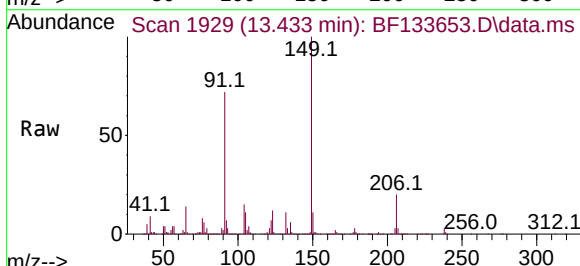
Manual Integrations

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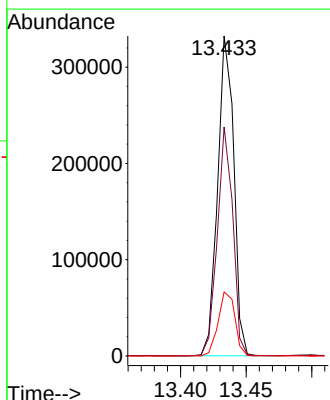
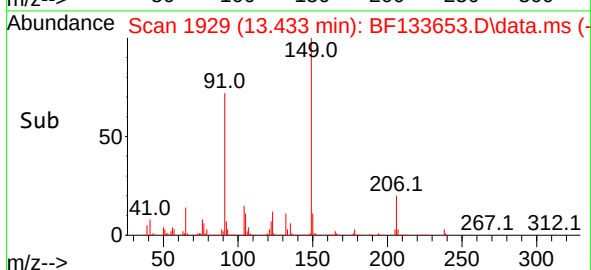
Reviewed By :Yogesh Patel 06/09/2023  
 Supervised By :mohammad ahmed 06/13/2023

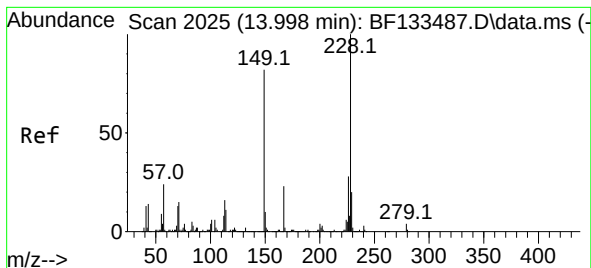


#80  
 Butylbenzylphthalate  
 Concen: 49.225 ng  
 RT: 13.433 min Scan# 1929  
 Delta R.T. 0.000 min  
 Lab File: BF133653.D  
 Acq: 08 Jun 2023 22:25



Tgt Ion:149 Resp: 284302  
 Ion Ratio Lower Upper  
 149 100  
 91 71.5 56.9 85.3  
 206 20.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.266 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 448708

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

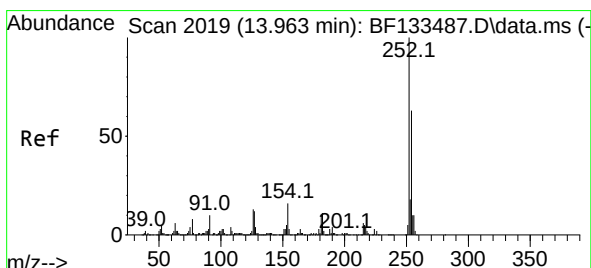
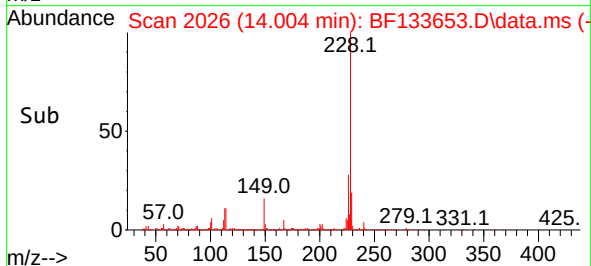
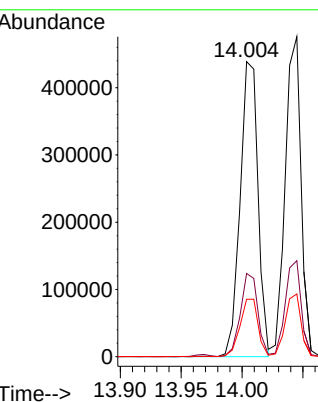
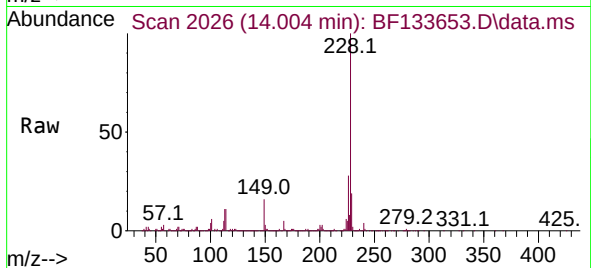
229 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.101 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

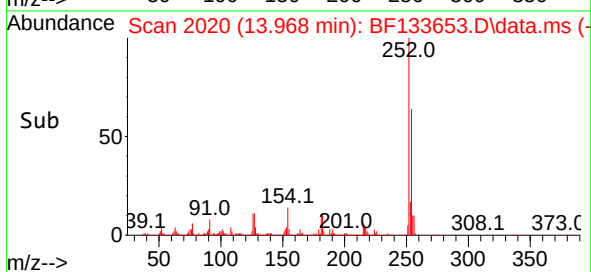
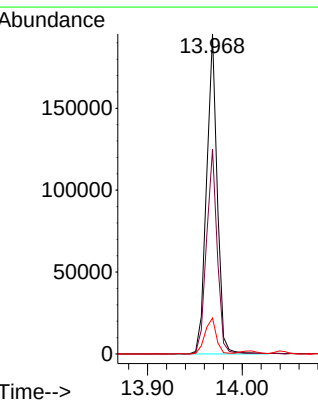
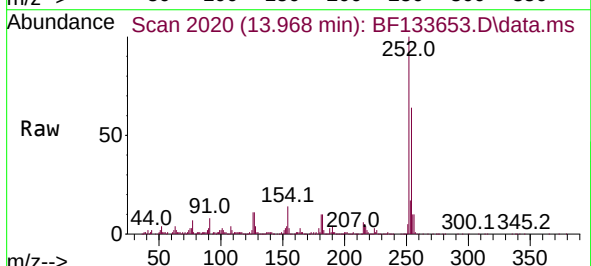
Tgt Ion:252 Resp: 153971

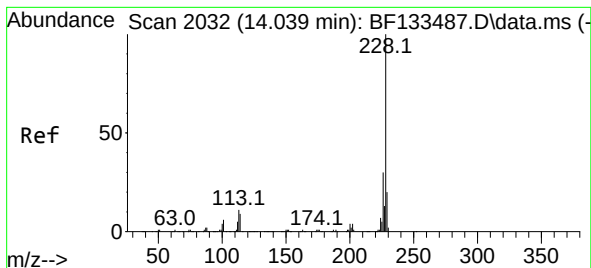
Ion Ratio Lower Upper

252 100

254 64.0 50.3 75.5

126 11.2 10.5 15.7





#83

Chrysene

Concen: 37.516 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 432789

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

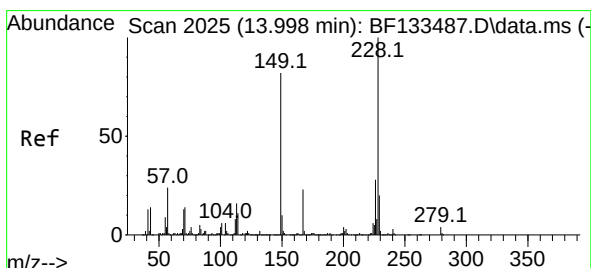
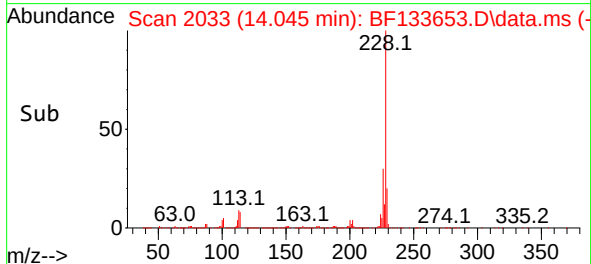
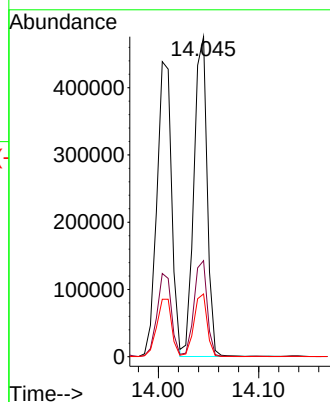
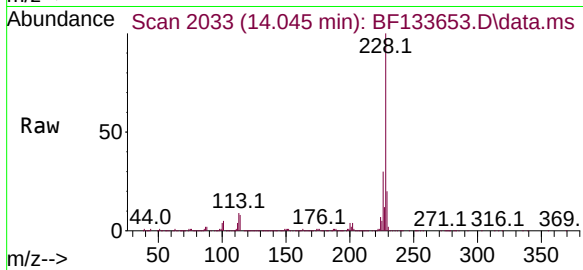
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.088 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF133653.D

Acq: 08 Jun 2023 22:25

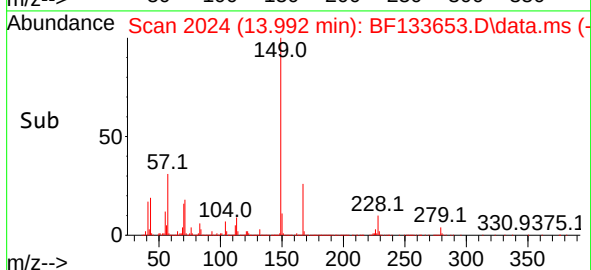
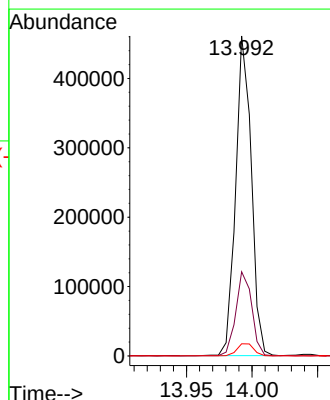
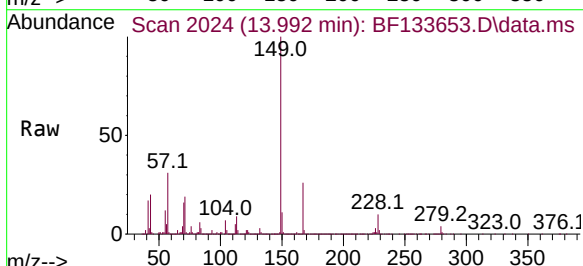
Tgt Ion:149 Resp: 383258

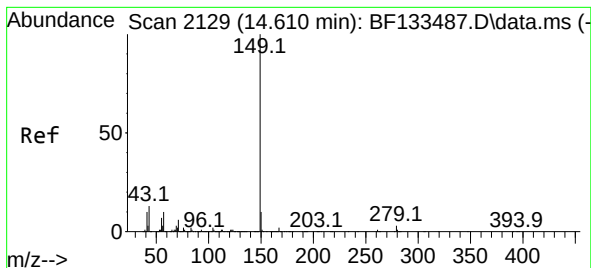
Ion Ratio Lower Upper

149 100

167 26.3 22.0 33.0

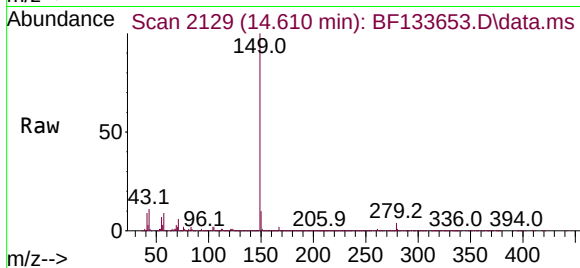
279 3.8 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 47.733 ng  
RT: 14.610 min Scan# 2129  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

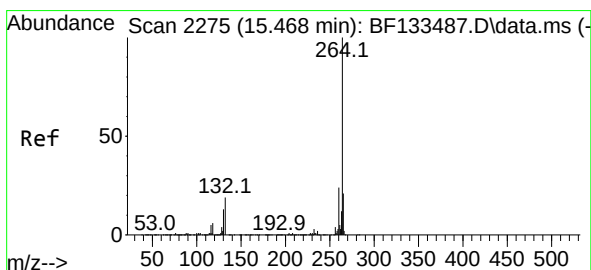
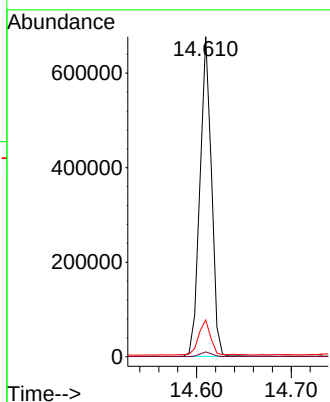
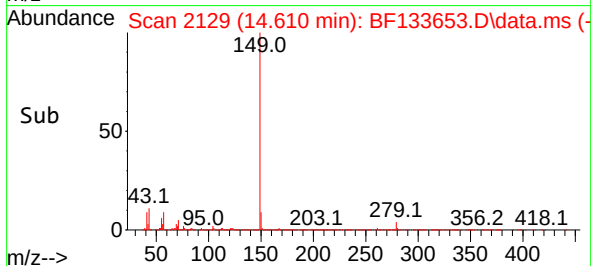
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 57404  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.4 10.0 15.0

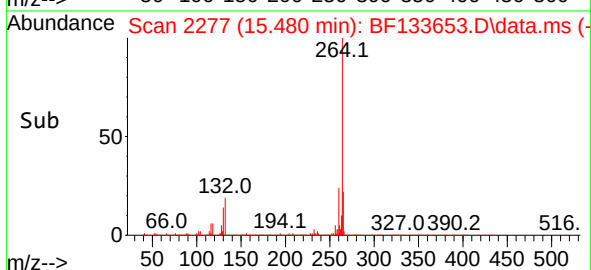
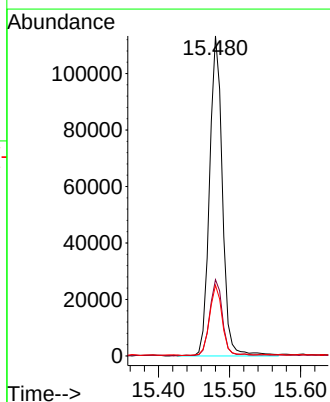
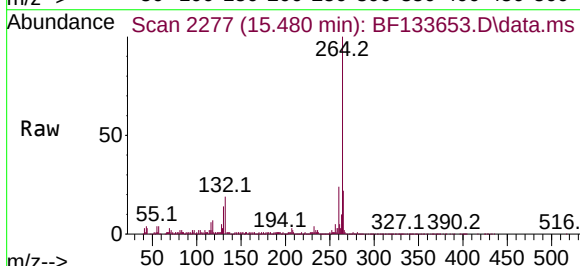
Manual Integrations  
APPROVED

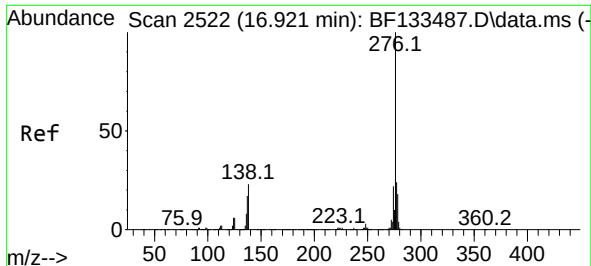
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.480 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:264 Resp: 143276  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.0 28.4  
265 22.1 16.8 25.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 35.057 ng  
RT: 16.945 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

ClientSampleId :

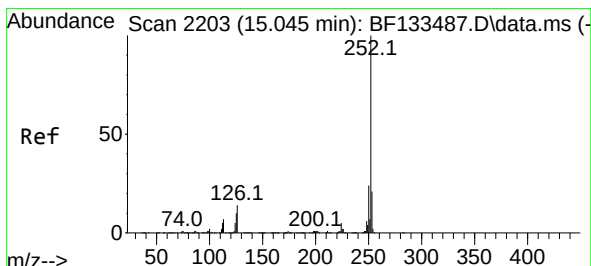
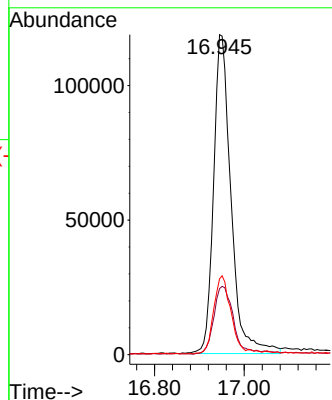
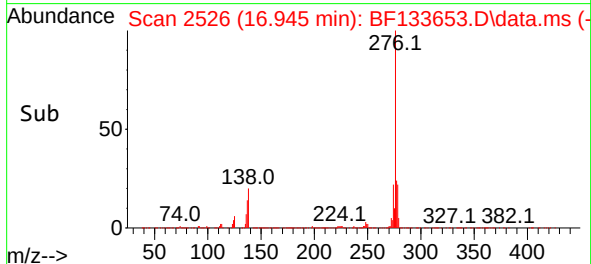
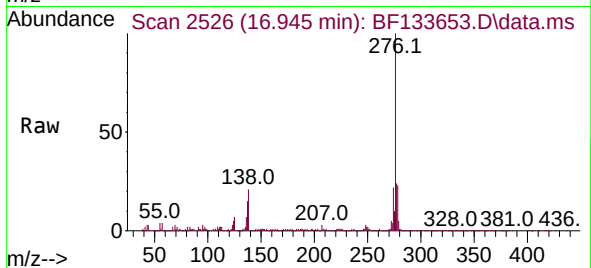
SSTDCCC040

Tgt Ion:276 Resp: 31994  
Ion Ratio Lower Upper  
276 100  
138 23.7 21.4 32.2  
277 24.9 20.0 30.0

Manual Integrations

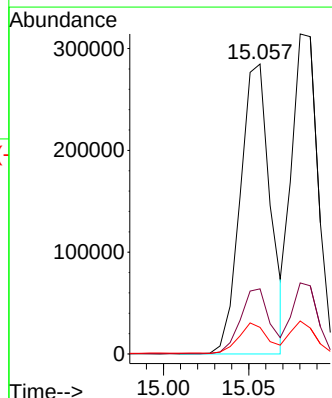
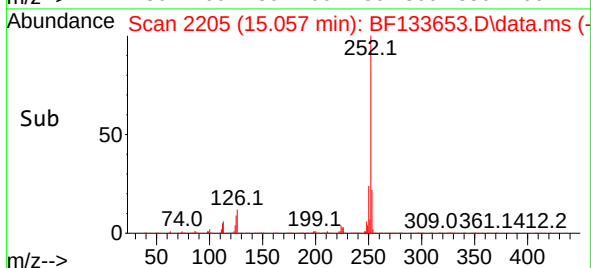
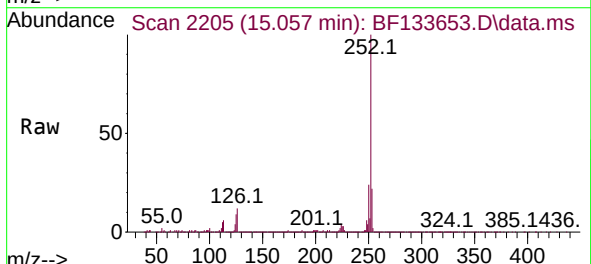
APPROVED

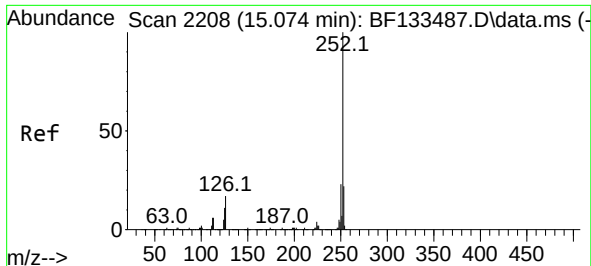
Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023



#88  
Benzo(b)fluoranthene  
Concen: 37.488 ng  
RT: 15.057 min Scan# 2205  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:252 Resp: 349750  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.2 25.8  
125 9.2 8.1 12.1





#89  
Benzo(k)fluoranthene  
Concen: 37.586 ng  
RT: 15.080 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNF\_F

ClientSampleId :

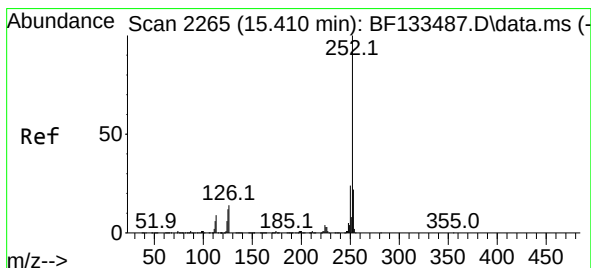
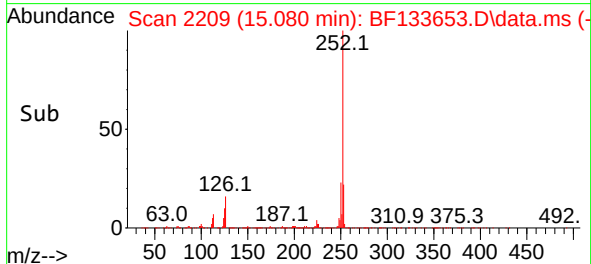
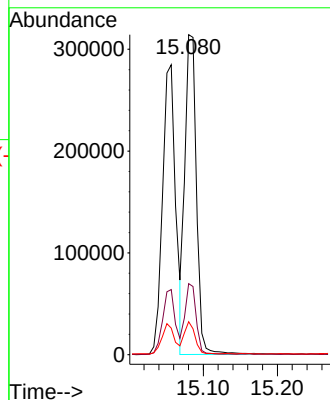
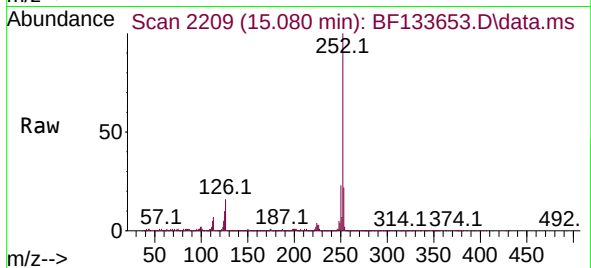
SSTDCCC040

Tgt Ion:252 Resp: 34192  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 10.3 8.3 12.5

Manual Integrations

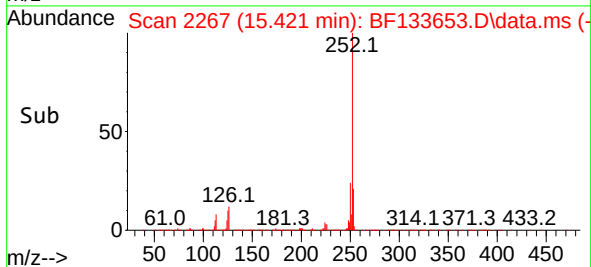
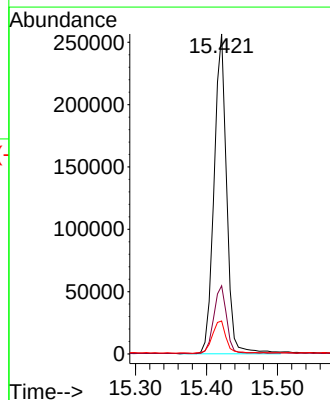
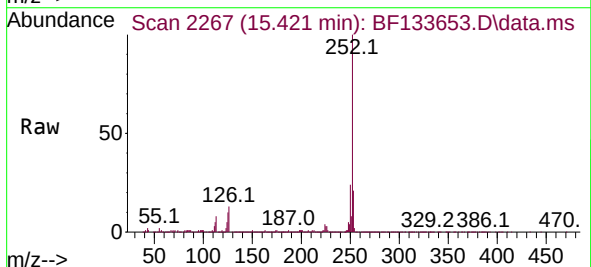
APPROVED

Reviewed By :Yogesh Patel 06/09/2023  
Supervised By :mohammad ahmed 06/13/2023

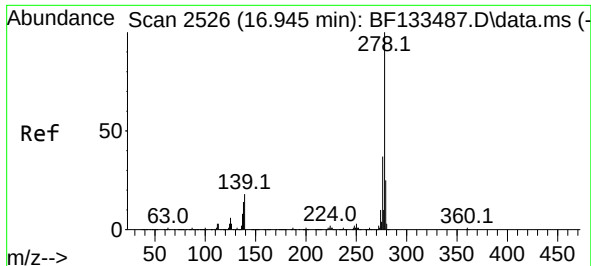


#90  
Benzo(a)pyrene  
Concen: 37.233 ng  
RT: 15.421 min Scan# 2267  
Delta R.T. 0.006 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:252 Resp: 316091  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.4 26.0  
125 10.3 9.4 14.0







#91  
Dibenzo(a,h)anthracene  
Concen: 36.947 ng  
RT: 16.968 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Instrument :

BNA\_F

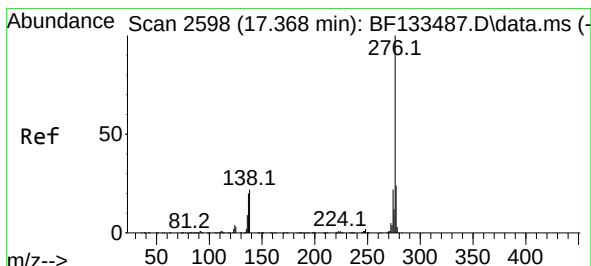
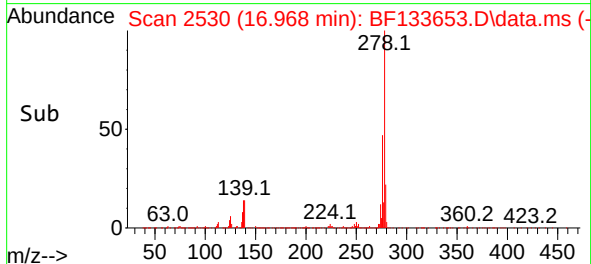
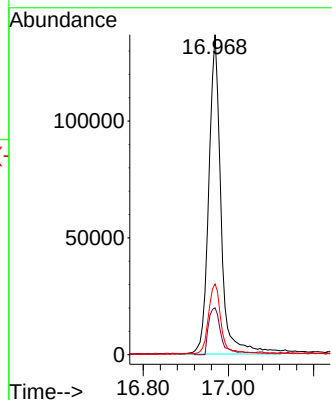
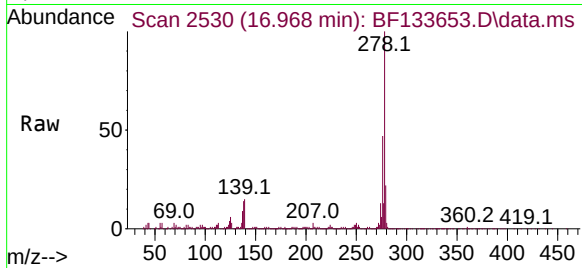
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 27338  
Ion Ratio Lower Upper  
278 100  
139 14.7 14.1 21.1  
279 22.1 19.7 29.5

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 32.542 ng  
RT: 17.392 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: BF133653.D  
Acq: 08 Jun 2023 22:25

Tgt Ion:276 Resp: 242804  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.8 28.2  
138 22.9 17.8 26.6

