

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050123\  
 Data File : BF133156.D  
 Acq On : 01 May 2023 15:25  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023  
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:19:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 01 15:02:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.734  | 152  | 201641   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 797320   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.769  | 164  | 409305   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.251 | 188  | 709193   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.886 | 240  | 470586   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.304 | 264  | 409938   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.340  | 112  | 1020775  | 76.472 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.375  | 99   | 1279273  | 77.213 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.298  | 82   | 1139360  | 77.132 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.557 | 330  | 328872   | 79.894 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 1897185  | 77.546 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.839 | 244  | 2084881  | 76.410 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.387  | 88   | 242197   | 39.118 | ng    | 98       |
| 3) Pyridine                   | 3.081  | 79   | 669744   | 40.728 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.040  | 42   | 315991   | 37.098 | ng    | 96       |
| 6) Aniline                    | 6.398  | 93   | 828249   | 38.814 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.516  | 128  | 524905   | 38.730 | ng    | 99       |
| 9) Benzaldehyde               | 6.275  | 77   | 308816   | 40.627 | ng    | 97       |
| 10) Phenol                    | 6.387  | 94   | 683486   | 37.395 | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 6.469  | 93   | 516487   | 37.657 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.675  | 146  | 551633   | 38.283 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.751  | 146  | 550684   | 38.133 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.904  | 146  | 518440   | 38.940 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.881  | 79   | 449925   | 39.313 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016  | 45   | 847656   | 35.582 | ng    | 97       |
| 17) 2-Methylphenol            | 6.992  | 107  | 477103   | 38.445 | ng    | 99       |
| 18) Hexachloroethane          | 7.245  | 117  | 193414   | 38.523 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.151  | 70   | 361669   | 35.064 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.151  | 107  | 556302   | 38.064 | ng    | 89       |
| 22) Acetophenone              | 7.145  | 105  | 702151   | 38.017 | ng    | 99       |
| 24) Nitrobenzene              | 7.316  | 77   | 579353   | 38.705 | ng    | 95       |
| 25) Isophorone                | 7.557  | 82   | 1057714  | 37.713 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.634  | 139  | 300484   | 41.620 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.681  | 122  | 479441   | 38.728 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.769  | 93   | 627096   | 37.796 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.881  | 162  | 448672   | 39.812 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 7.963  | 180  | 456266   | 39.079 | ng    | 98       |
| 31) Naphthalene               | 8.039  | 128  | 1532109  | 38.434 | ng    | 99       |
| 32) Benzoic acid              | 7.798  | 122  | 365344m  | 47.777 | ng    |          |
| 33) 4-Chloroaniline           | 8.092  | 127  | 672696   | 41.766 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.157  | 225  | 252444   | 39.011 | ng    | 99       |
| 35) Caprolactam               | 8.469  | 113  | 159130   | 42.032 | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 8.575  | 107  | 484604   | 39.875 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.728  | 142  | 1058783  | 38.849 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.828  | 142  | 997687   | 39.132 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.898  | 216  | 412303   | 37.465 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.886  | 237  | 243263   | 37.902 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.010  | 196  | 297973   | 39.152 | ng    | 100      |

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 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

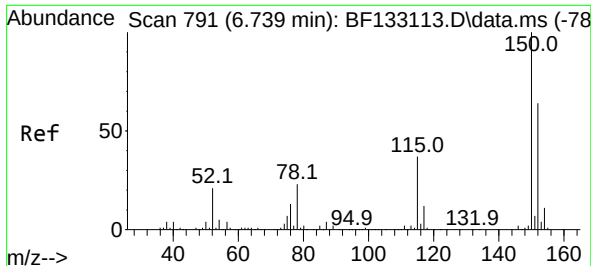
Reviewed By : Christian Giraldo 05/02/2023  
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:19:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 01 15:02:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.051  | 196  | 348551   | 39.599 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.192  | 154  | 1243965  | 38.328 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.216  | 162  | 917881   | 38.638 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.316  | 65   | 316876   | 40.360 | ng    | 95       |
| 49) Acenaphthylene            | 9.633  | 152  | 1488169  | 39.206 | ng    | 99       |
| 50) Dimethylphthalate         | 9.498  | 163  | 1102094  | 38.616 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.557  | 165  | 257721   | 40.121 | ng    | 91       |
| 52) Acenaphthene              | 9.804  | 154  | 896788   | 35.275 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.728  | 138  | 312378   | 40.899 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.828  | 184  | 139645   | 43.249 | ng    | 94       |
| 55) Dibenzofuran              | 9.975  | 168  | 1309128  | 37.750 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.886  | 139  | 224221   | 37.903 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 9.957  | 165  | 334850   | 40.876 | ng    | 91       |
| 58) Fluorene                  | 10.316 | 166  | 947374   | 37.288 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.092 | 232  | 262797   | 38.511 | ng    | 96       |
| 60) Diethylphthalate          | 10.198 | 149  | 998441   | 37.037 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.310 | 204  | 462186   | 37.329 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.339 | 138  | 292582   | 41.679 | ng    | 96       |
| 63) Azobenzene                | 10.475 | 77   | 976123   | 34.181 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.369 | 198  | 190680   | 44.359 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.433 | 169  | 875043   | 38.038 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.798 | 248  | 297398   | 38.665 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.869 | 284  | 312432   | 39.641 | ng    | 94       |
| 69) Atrazine                  | 10.957 | 200  | 264632   | 39.923 | ng    | 99       |
| 70) Pentachlorophenol         | 11.057 | 266  | 223151   | 39.755 | ng    | 96       |
| 71) Phenanthrene              | 11.275 | 178  | 1443083  | 37.859 | ng    | 100      |
| 72) Anthracene                | 11.327 | 178  | 1494024  | 38.300 | ng    | 99       |
| 73) Carbazole                 | 11.486 | 167  | 1339676  | 38.569 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.822 | 149  | 1554953  | 39.559 | ng    | 99       |
| 75) Fluoranthene              | 12.463 | 202  | 1485885  | 38.842 | ng    | 97       |
| 77) Benzidine                 | 12.580 | 184  | 423864   | 53.264 | ng    | 94       |
| 78) Pyrene                    | 12.692 | 202  | 1539769  | 38.170 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.316 | 149  | 672994   | 47.117 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.874 | 228  | 1210624  | 37.410 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.839 | 252  | 389671   | 43.589 | ng    | 98       |
| 83) Chrysene                  | 13.916 | 228  | 1239872  | 38.324 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.874 | 149  | 763381   | 42.580 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.486 | 149  | 1224688  | 41.894 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.686 | 276  | 982327   | 42.127 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.904 | 252  | 1027070  | 39.382 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 14.933 | 252  | 969400   | 37.497 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.245 | 252  | 920981   | 38.798 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.704 | 278  | 818612   | 42.091 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.098 | 276  | 834830   | 43.479 | ng    | 98       |

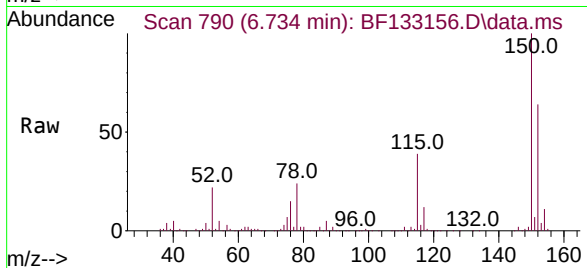
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.734 min Scan# 791  
Delta R.T. 0.001 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

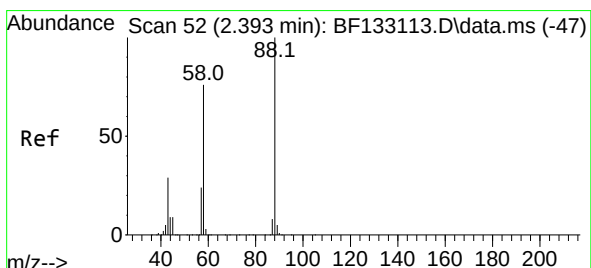
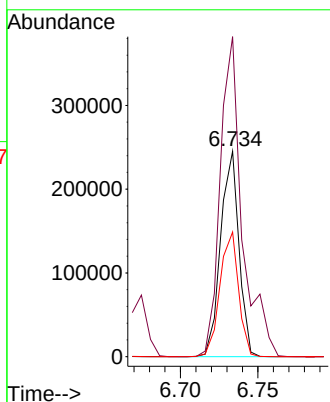
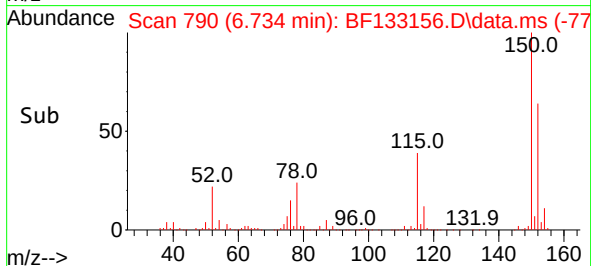
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 152 Resp: 20164  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.8 187.2  
115 60.7 49.9 74.9

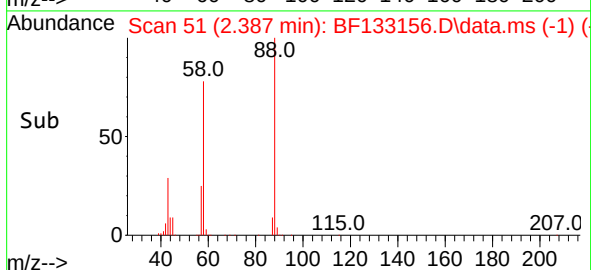
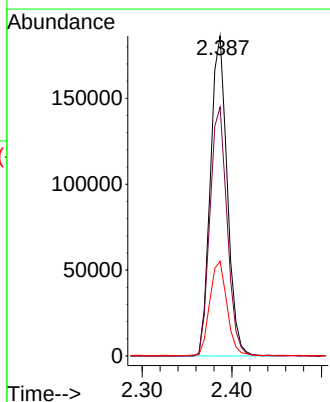
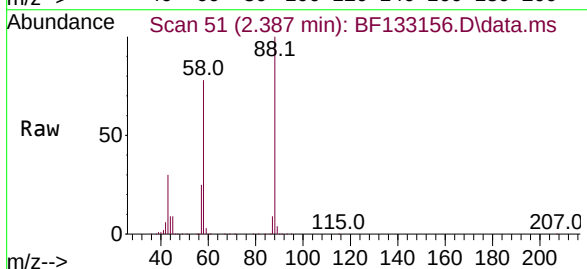
Manual Integrations  
APPROVED

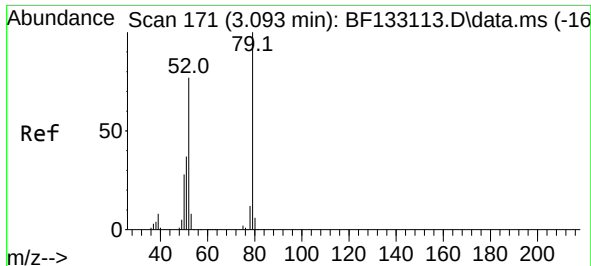
Reviewed By : Christian Giraldo 05/02/2023  
Supervised By : Jagrut Upadhyay 05/02/2023



#2  
1,4-Dioxane  
Concen: 39.118 ng  
RT: 2.387 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion: 88 Resp: 242197  
Ion Ratio Lower Upper  
88 100  
58 79.6 64.7 97.1  
43 30.5 26.2 39.2





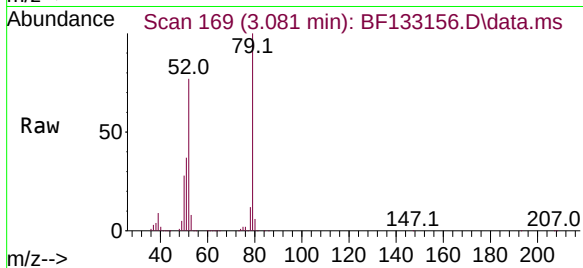
#3  
Pyridine  
Concen: 40.728 ng  
RT: 3.081 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

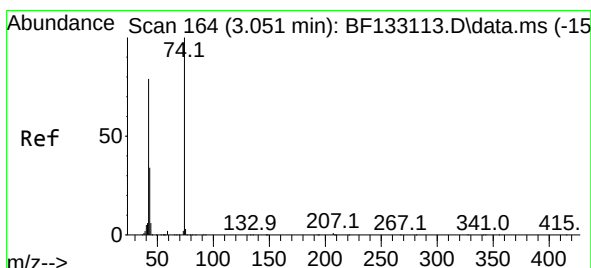
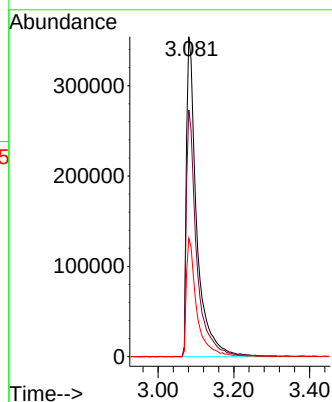
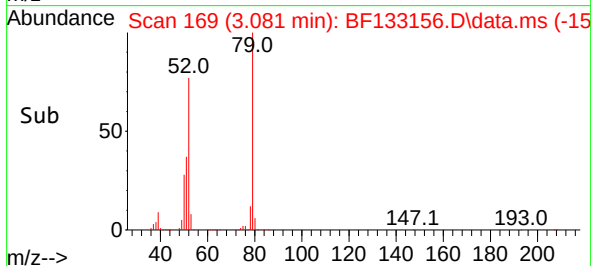


Tgt Ion: 79 Resp: 669744  
Ion Ratio Lower Upper  
79 100  
52 77.1 64.6 96.8  
51 37.0 30.0 45.0

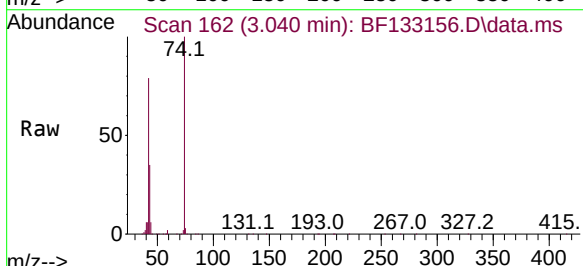
Manual Integrations

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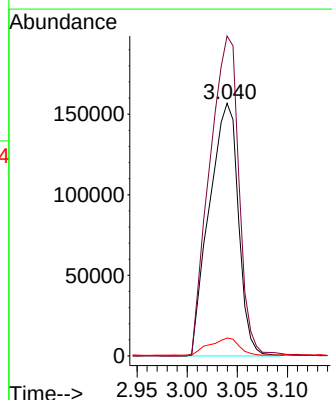
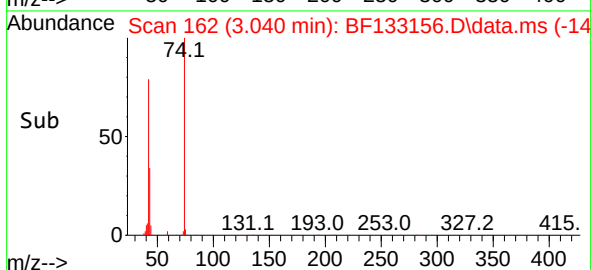
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

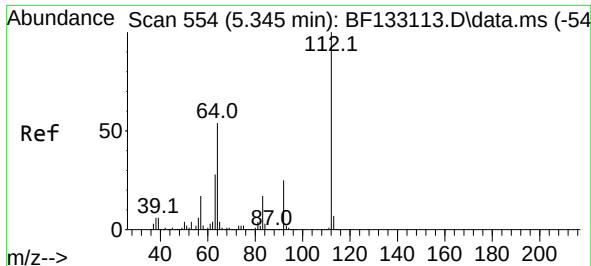


#4  
n-Nitrosodimethylamine  
Concen: 37.098 ng  
RT: 3.040 min Scan# 162  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



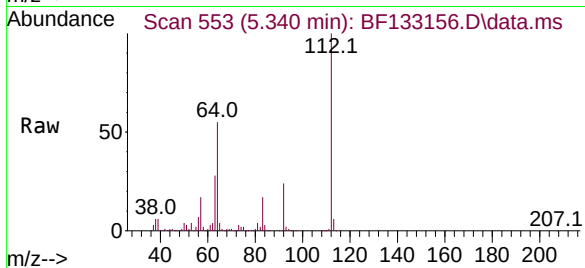
Tgt Ion: 42 Resp: 315991  
Ion Ratio Lower Upper  
42 100  
74 126.7 98.0 147.0  
44 7.1 5.8 8.8





#5  
2-Fluorophenol  
Concen: 76.472 ng  
RT: 5.340 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

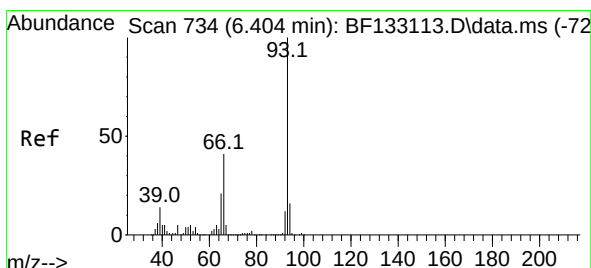
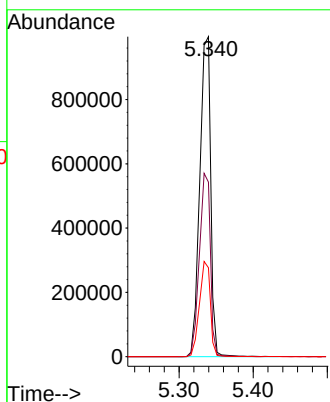
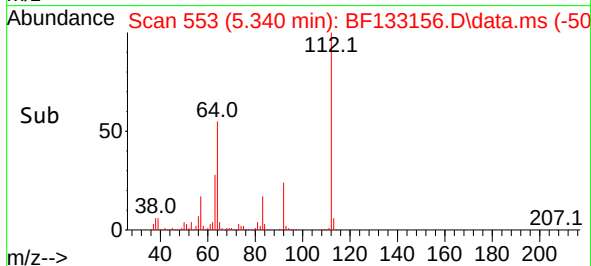
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:112 Resp: 102077  
Ion Ratio Lower Upper  
112 100  
64 54.5 46.8 70.2  
63 27.8 23.8 35.8

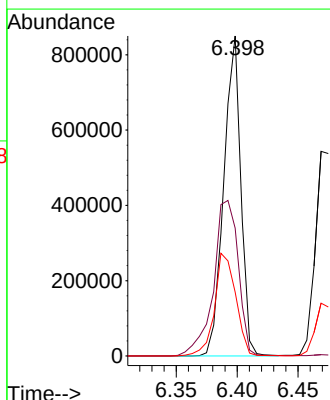
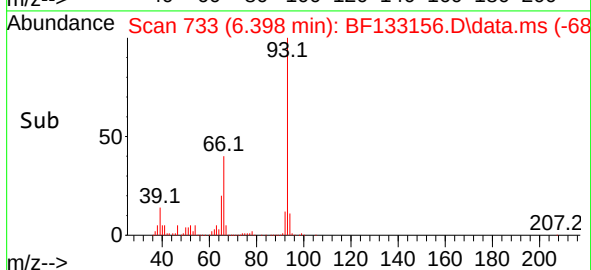
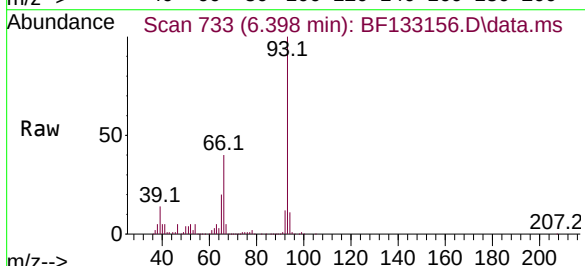
Manual Integrations  
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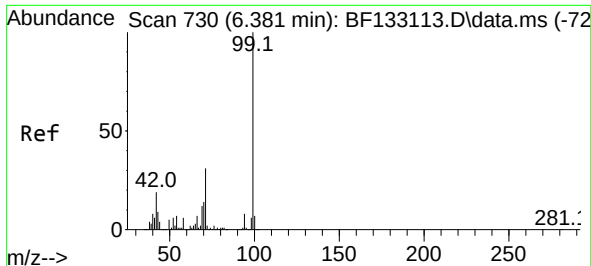
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#6  
Aniline  
Concen: 38.814 ng  
RT: 6.398 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion: 93 Resp: 828249  
Ion Ratio Lower Upper  
93 100  
66 40.0 31.5 47.3  
65 19.9 16.4 24.6





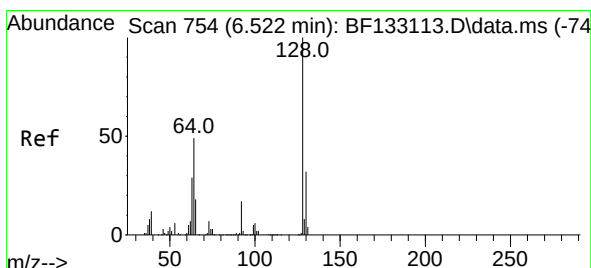
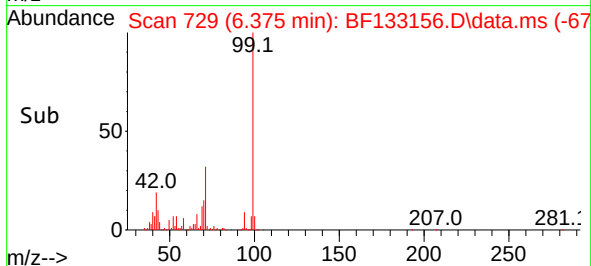
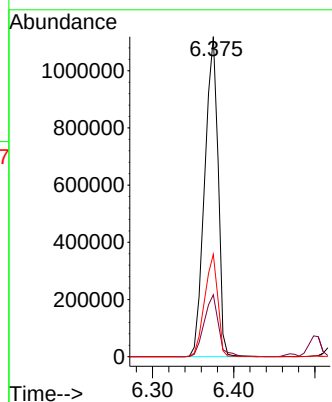
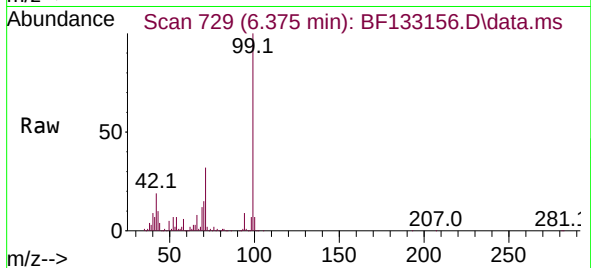
#7  
Phenol-d6  
Concen: 77.213 ng  
RT: 6.375 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 127927  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.3 24.5  
71 32.0 25.6 38.4

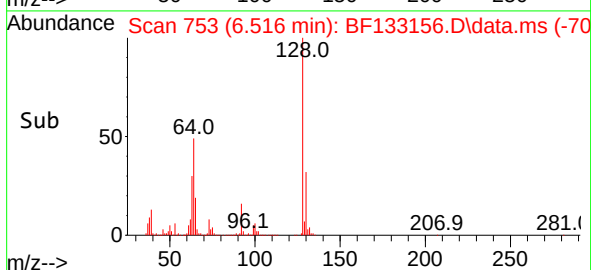
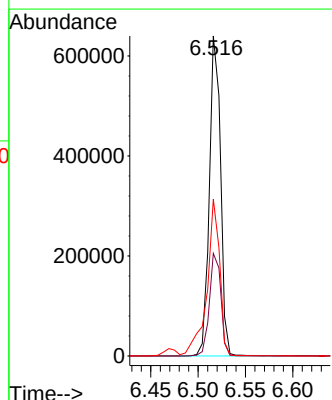
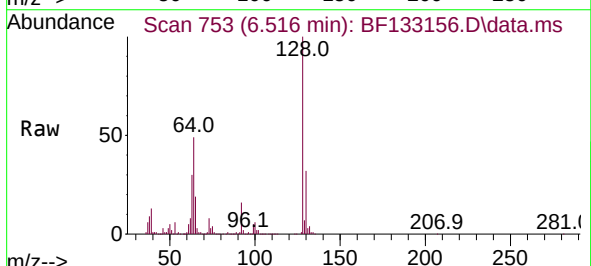
Manual Integrations  
APPROVED

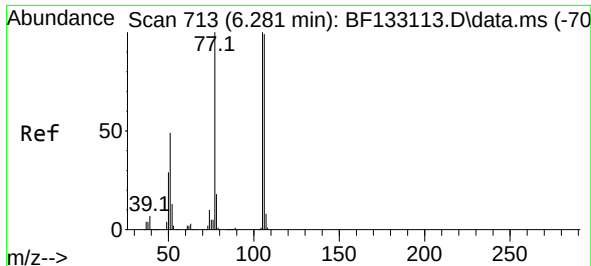
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#8  
2-Chlorophenol  
Concen: 38.730 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

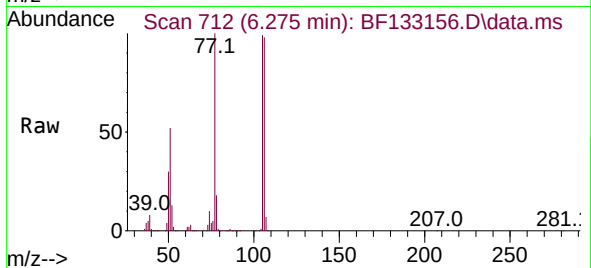
Tgt Ion:128 Resp: 524905  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.2 52.2  
64 49.0 30.3 70.3





#9  
Benzaldehyde  
Concen: 40.627 ng  
RT: 6.275 min Scan# 712  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

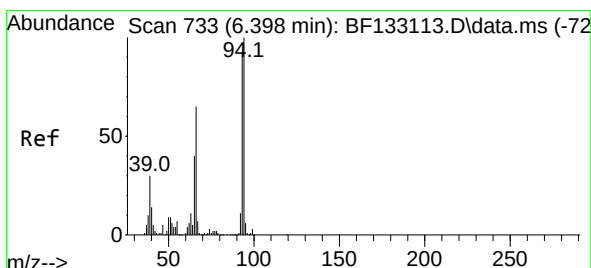
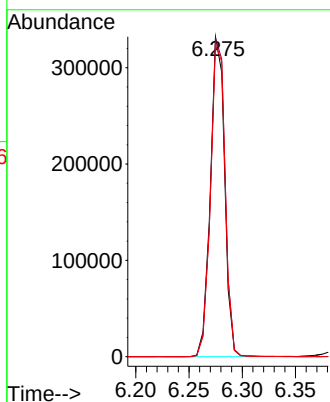
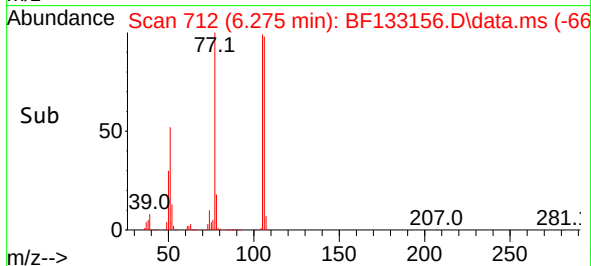
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 308810  
Ion Ratio Lower Upper  
77 100  
105 99.5 82.3 122.3  
106 97.6 80.8 120.8

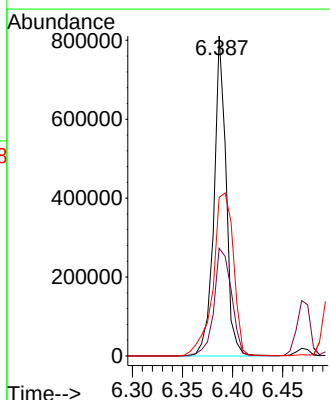
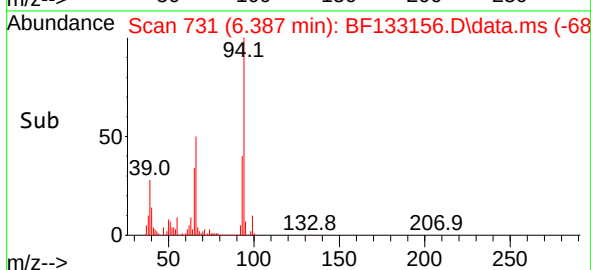
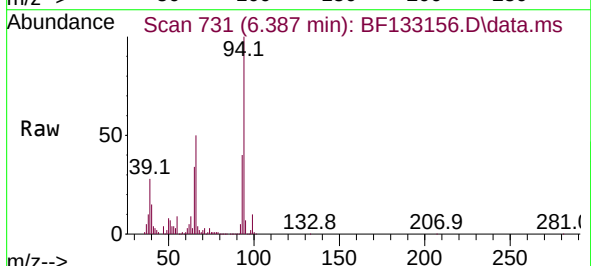
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

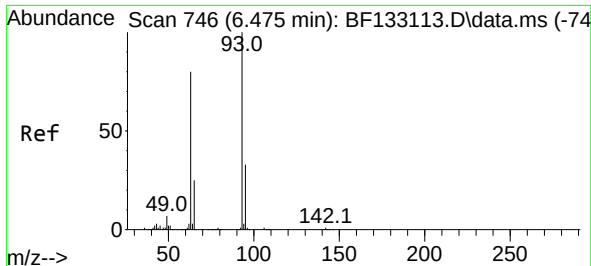


#10  
Phenol  
Concen: 37.395 ng  
RT: 6.387 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion: 94 Resp: 683486  
Ion Ratio Lower Upper  
94 100  
65 33.7 8.6 48.6  
66 49.6 17.3 57.3

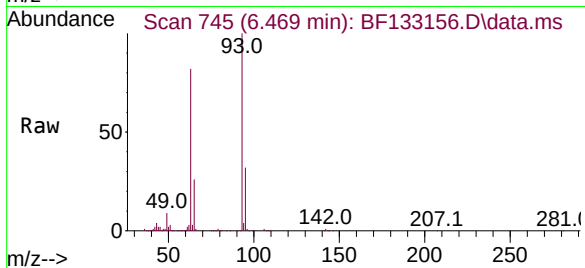






#11  
bis(2-Chloroethyl)ether  
Concen: 37.657 ng  
RT: 6.469 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

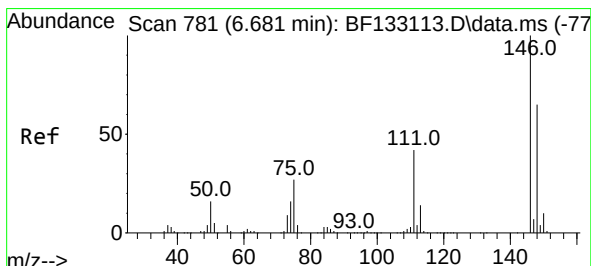
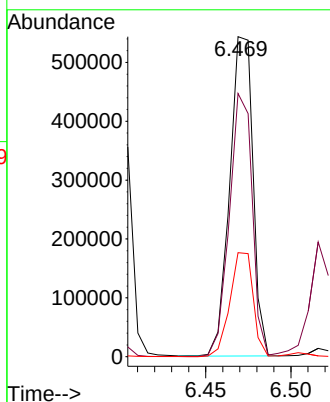
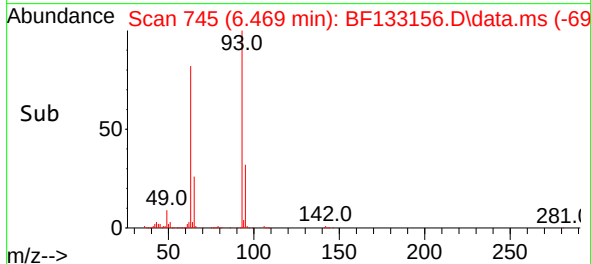
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



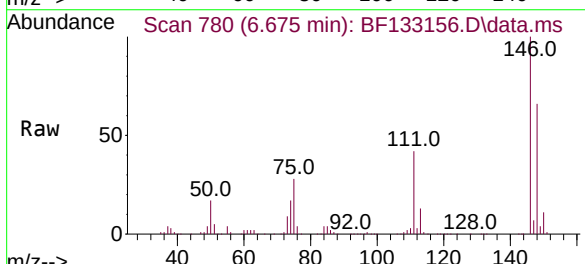
Tgt Ion: 93 Resp: 51648  
Ion Ratio Lower Upper  
93 100  
63 82.3 60.6 100.6  
95 32.5 12.9 52.9

Manual Integrations  
APPROVED

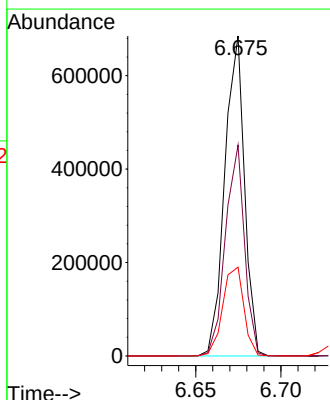
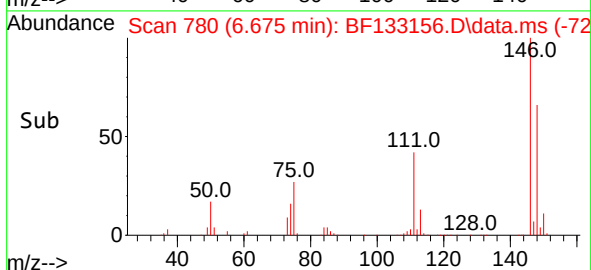
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

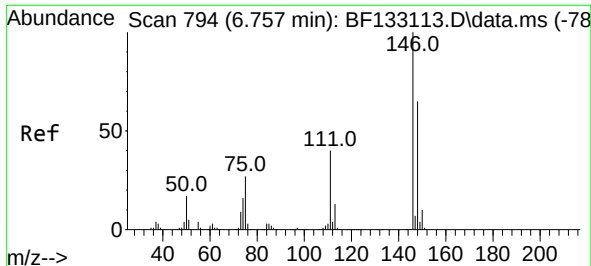


#12  
1,3-Dichlorobenzene  
Concen: 38.283 ng  
RT: 6.675 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:146 Resp: 551633  
Ion Ratio Lower Upper  
146 100  
148 65.9 51.0 76.4  
75 27.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.133 ng

RT: 6.751 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 550684

Ion Ratio Lower Upper

146 100

148 65.0 50.3 75.5

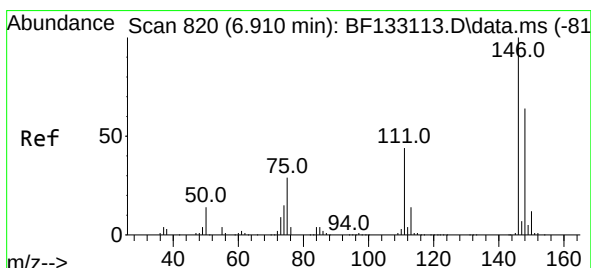
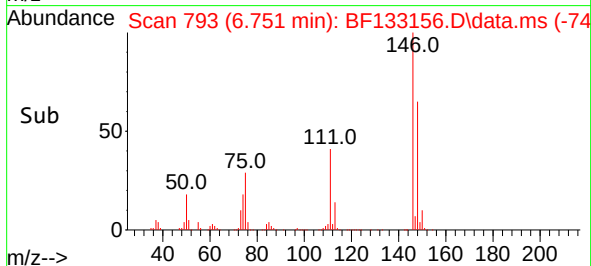
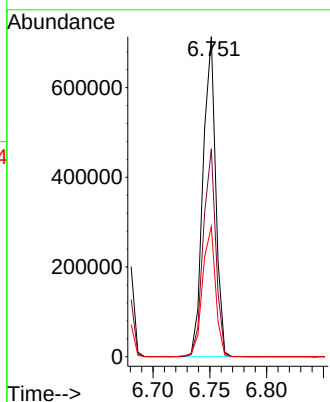
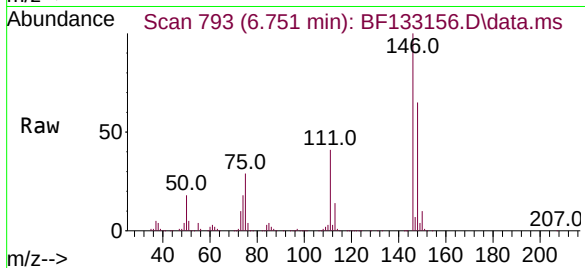
111 40.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#14

1,2-Dichlorobenzene

Concen: 38.940 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

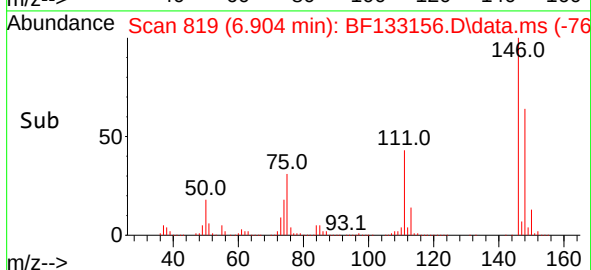
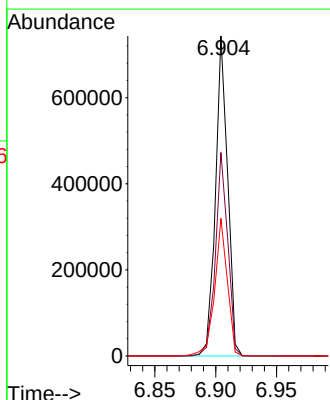
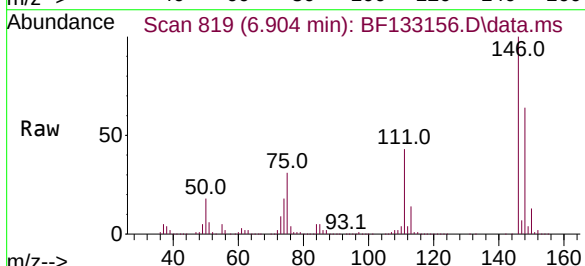
Tgt Ion:146 Resp: 518440

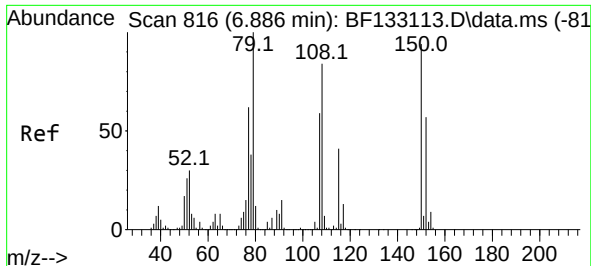
Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

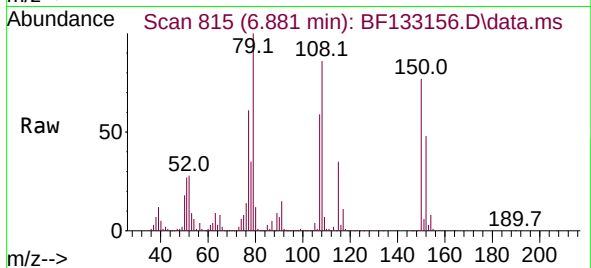
111 43.0 32.8 49.2





#15  
Benzyl Alcohol  
Concen: 39.313 ng  
RT: 6.881 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

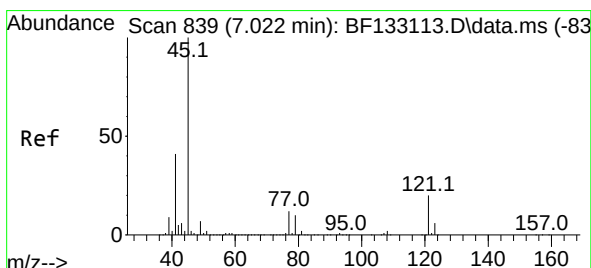
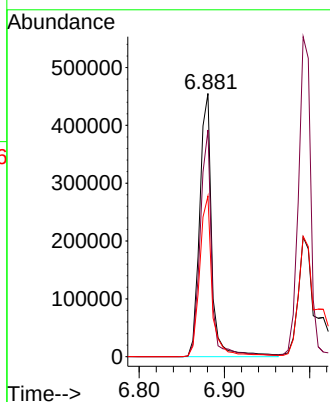
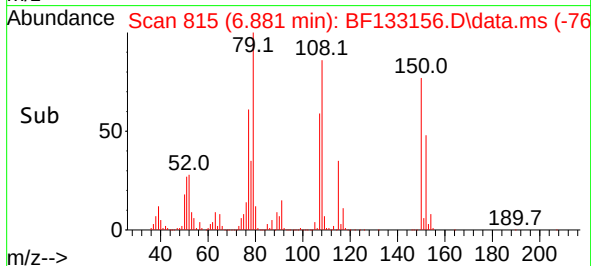
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 449925  
Ion Ratio Lower Upper  
79 100  
108 86.2 66.6 99.8  
77 61.1 49.2 73.8

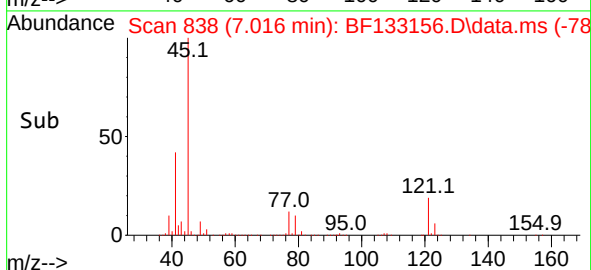
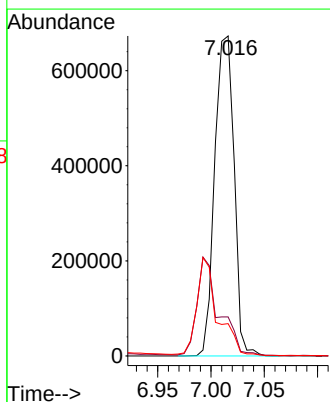
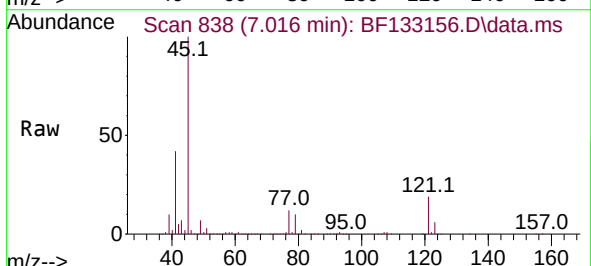
Manual Integrations  
APPROVED

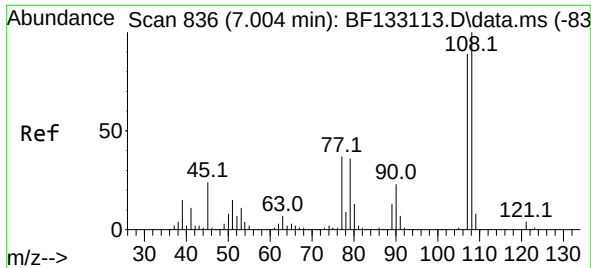
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.582 ng  
RT: 7.016 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion: 45 Resp: 847656  
Ion Ratio Lower Upper  
45 100  
77 12.2 0.0 31.5  
79 10.1 0.0 28.7





#17  
2-Methylphenol  
Concen: 38.445 ng  
RT: 6.992 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

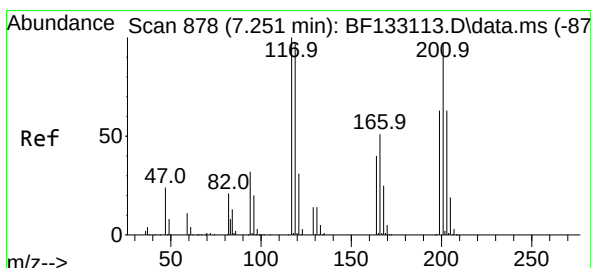
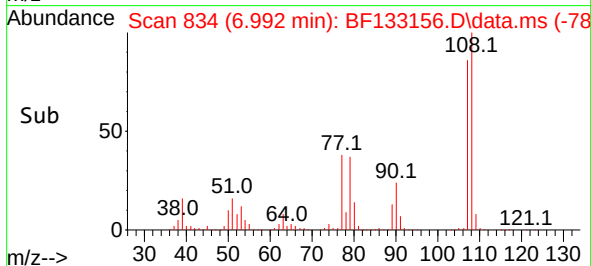
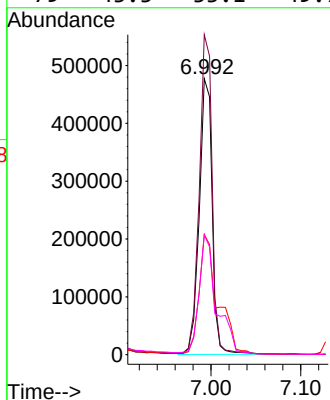
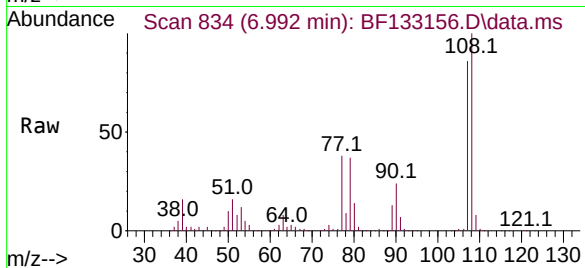
SSTDCCC040

Tgt Ion:107 Resp: 47710  
Ion Ratio Lower Upper  
107 100  
108 115.9 92.4 138.6  
77 43.6 33.8 50.8  
79 43.3 33.1 49.7

Manual Integrations

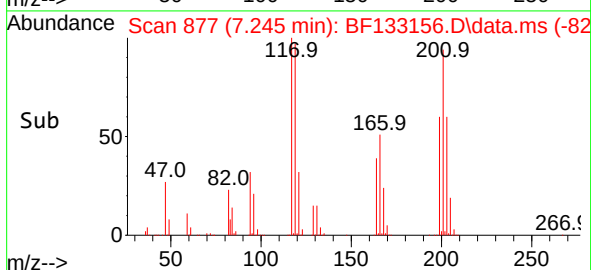
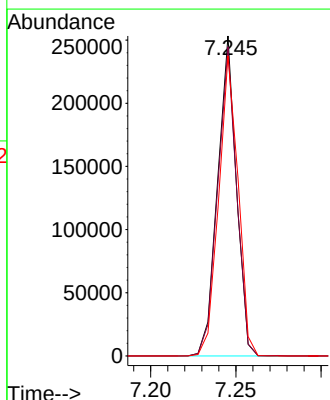
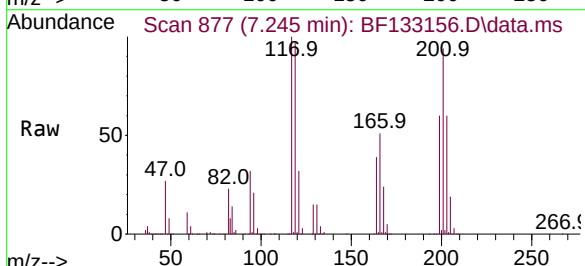
APPROVED

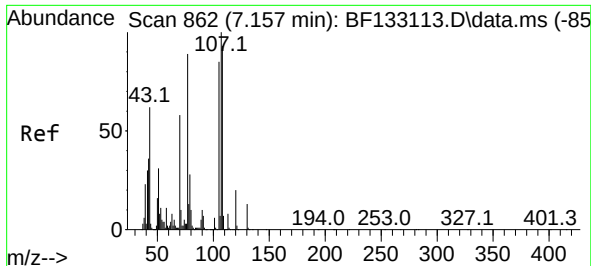
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#18  
Hexachloroethane  
Concen: 38.523 ng  
RT: 7.245 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

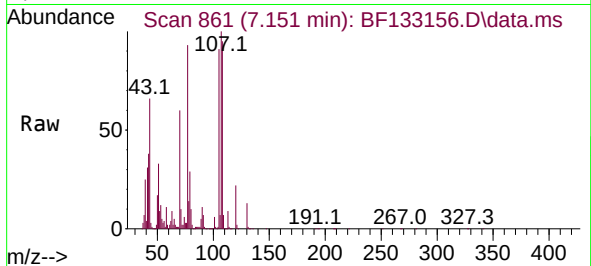
Tgt Ion:117 Resp: 193414  
Ion Ratio Lower Upper  
117 100  
119 96.7 78.2 117.4  
201 93.8 81.7 122.5





#19  
n-Nitroso-di-n-propylamine  
Concen: 35.064 ng  
RT: 7.151 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

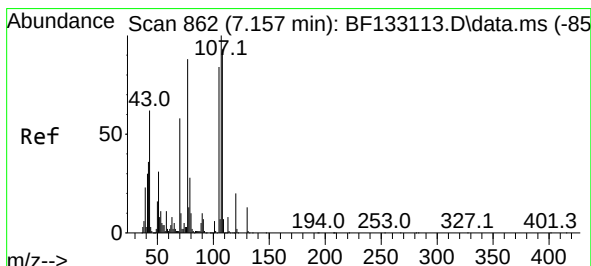
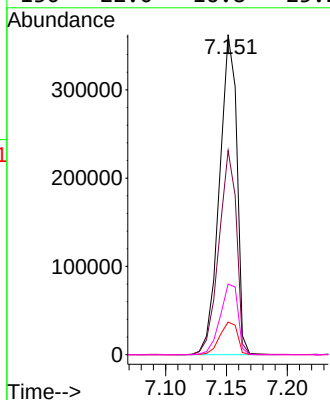
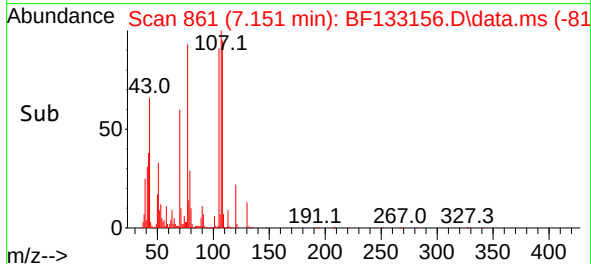
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 70 Resp: 361669  
Ion Ratio Lower Upper  
70 100  
42 63.8 51.8 77.6  
101 10.2 8.0 12.0  
130 22.0 16.8 25.2

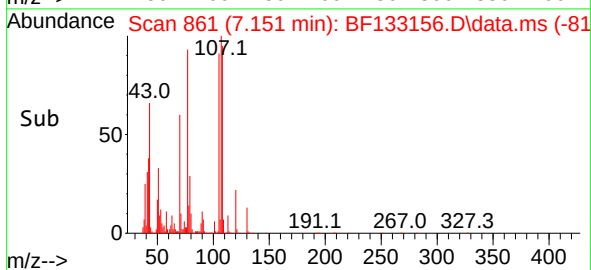
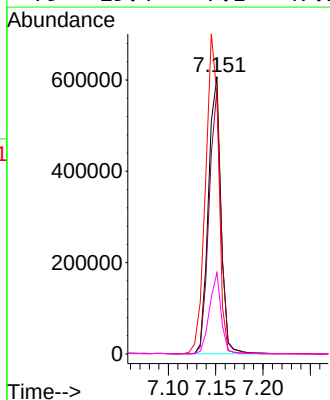
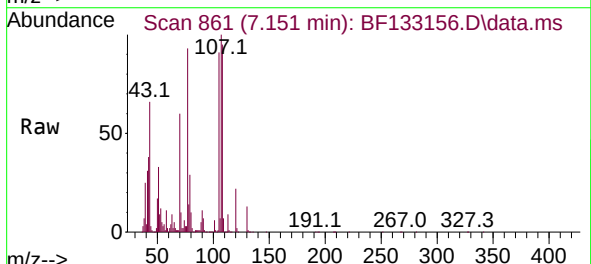
Manual Integrations  
APPROVED

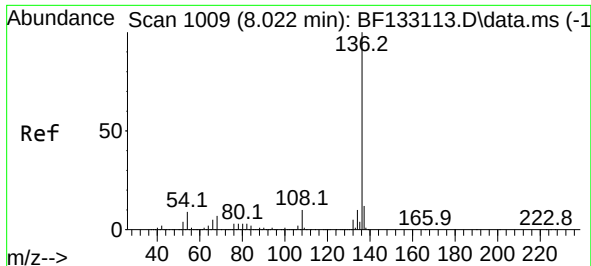
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#20  
3+4-Methylphenols  
Concen: 38.064 ng  
RT: 7.151 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion:107 Resp: 556302  
Ion Ratio Lower Upper  
107 100  
108 95.3 70.5 110.5  
77 93.4 91.7 131.7  
79 29.4 7.1 47.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1009  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

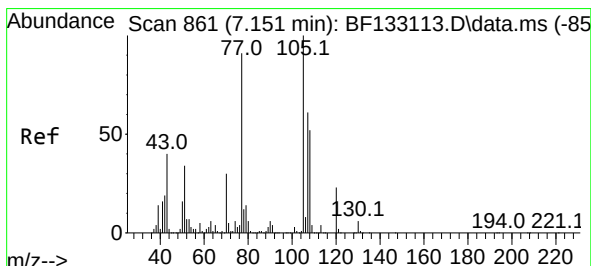
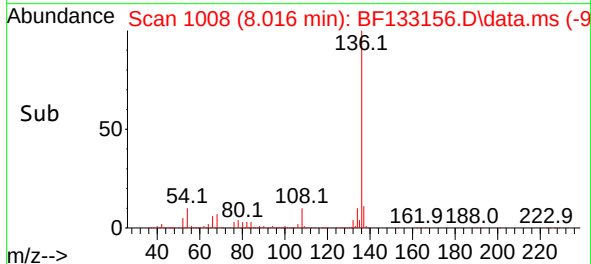
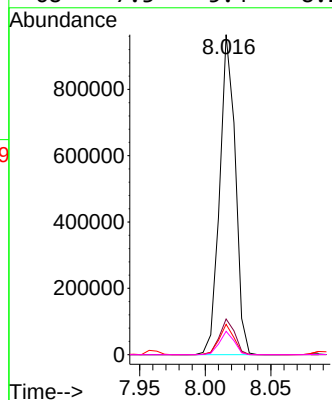
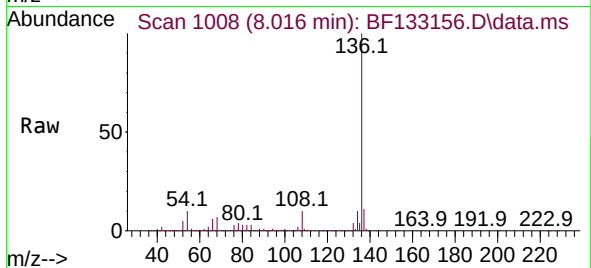
SSTDCCC040

Tgt Ion:136 Resp: 797320  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 9.5 7.0 10.4  
68 7.3 5.4 8.2

Manual Integrations

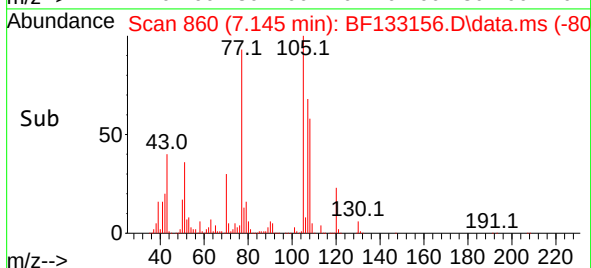
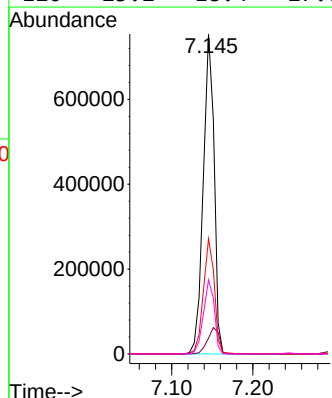
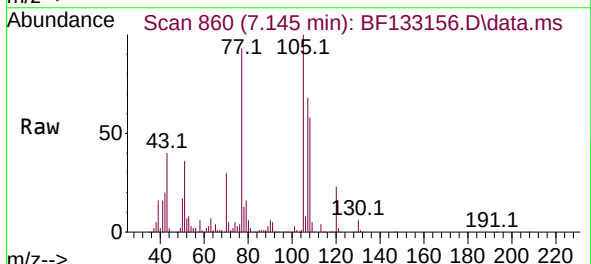
APPROVED

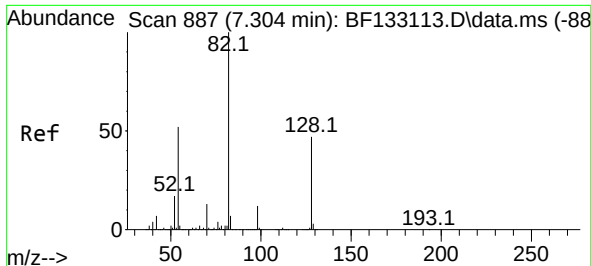
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#22  
Acetophenone  
Concen: 38.017 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion:105 Resp: 702151  
Ion Ratio Lower Upper  
105 100  
71 5.0 4.6 7.0  
51 36.0 28.2 42.2  
120 23.2 18.4 27.6





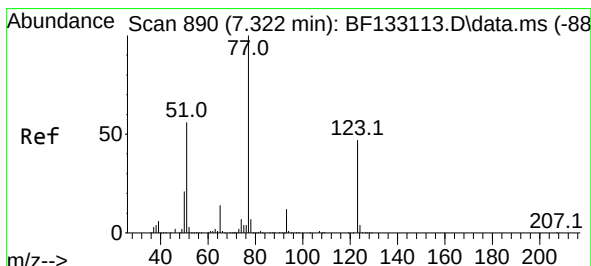
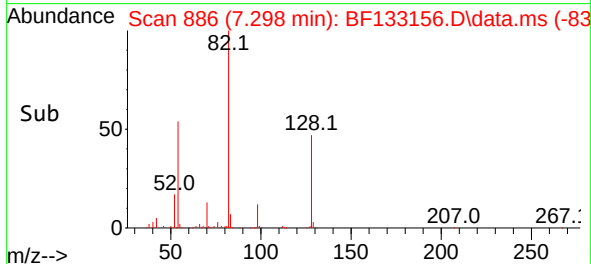
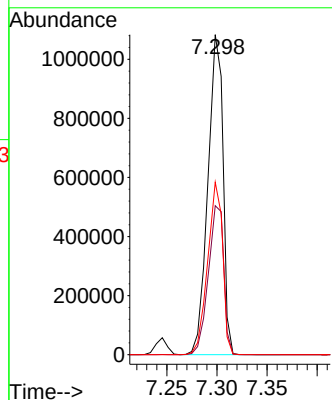
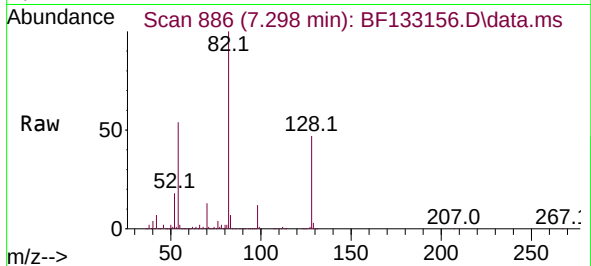
#23  
Nitrobenzene-d5  
Concen: 77.132 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 1139360  
Ion Ratio Lower Upper  
82 100  
128 46.5 37.7 56.5  
54 53.9 43.0 64.4

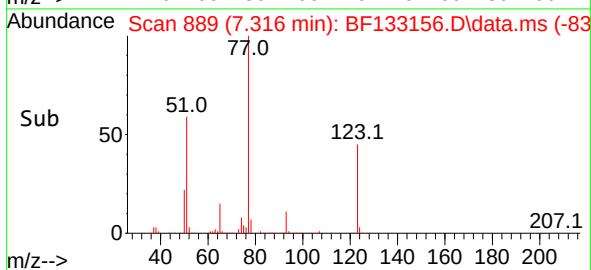
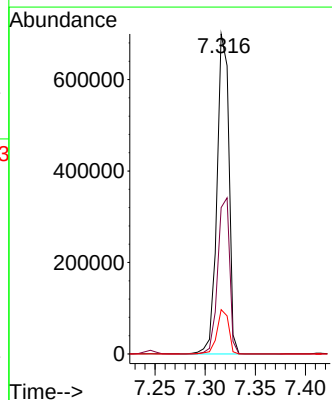
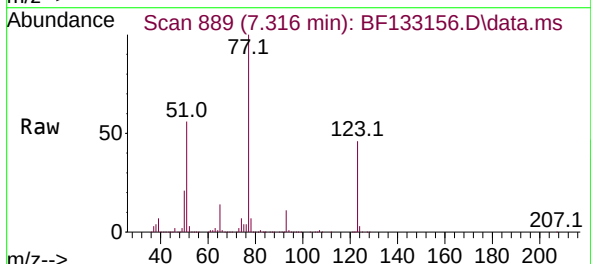
Manual Integrations  
APPROVED

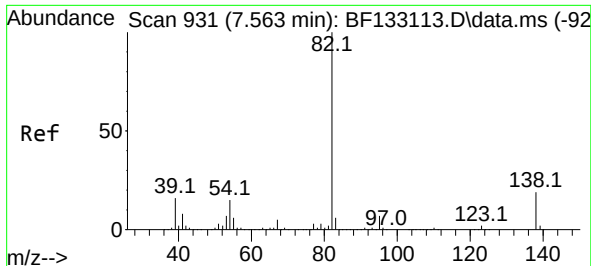
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#24  
Nitrobenzene  
Concen: 38.705 ng  
RT: 7.316 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion: 77 Resp: 579353  
Ion Ratio Lower Upper  
77 100  
123 45.7 39.9 59.9  
65 13.8 10.7 16.1





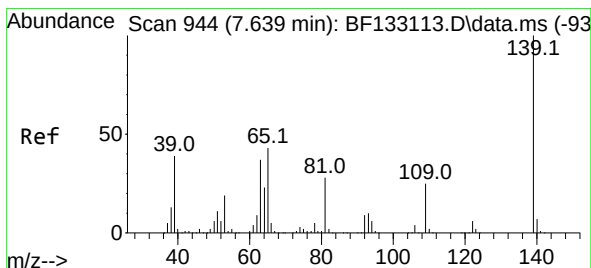
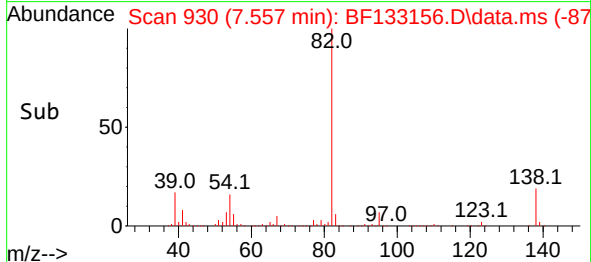
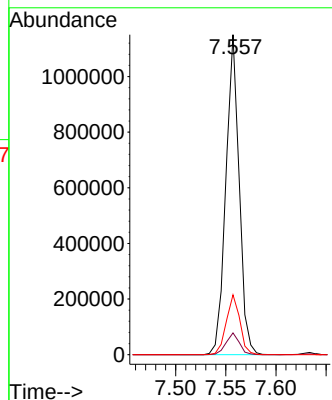
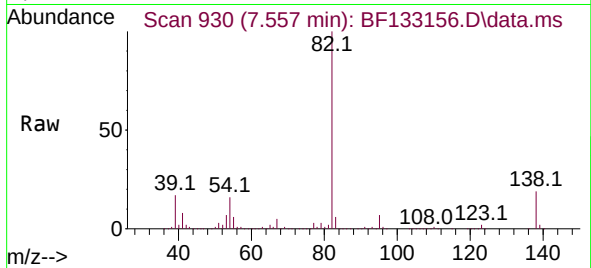
#25  
Isophorone  
Concen: 37.713 ng  
RT: 7.557 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 1057714  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.0  
138 18.7 16.0 24.0

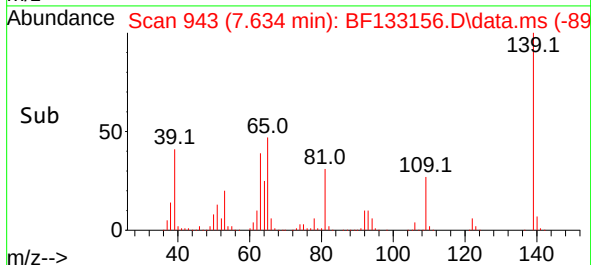
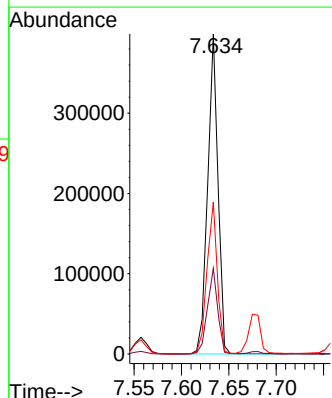
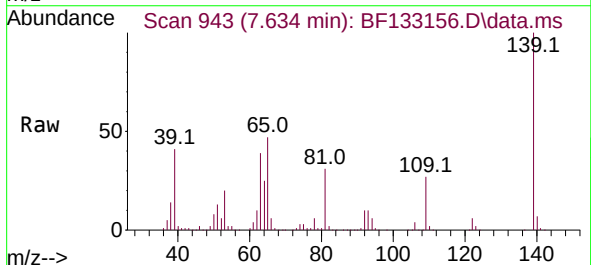
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

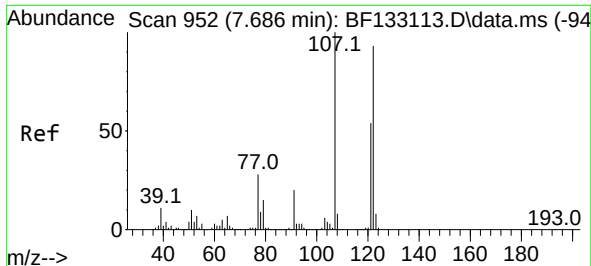


#26  
2-Nitrophenol  
Concen: 41.620 ng  
RT: 7.634 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion:139 Resp: 300484  
Ion Ratio Lower Upper  
139 100  
109 26.8 21.6 32.4  
65 47.4 39.8 59.6







#27

2,4-Dimethylphenol

Concen: 38.728 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133156.D

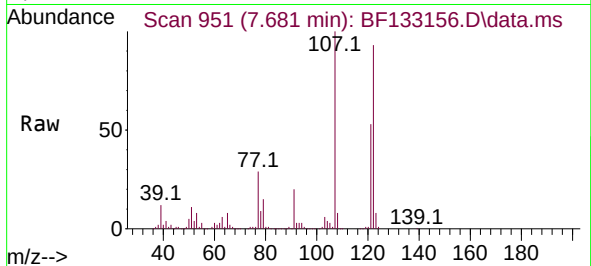
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

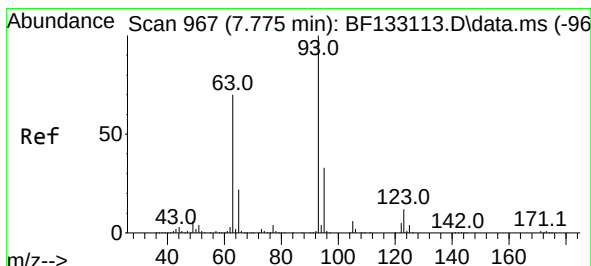
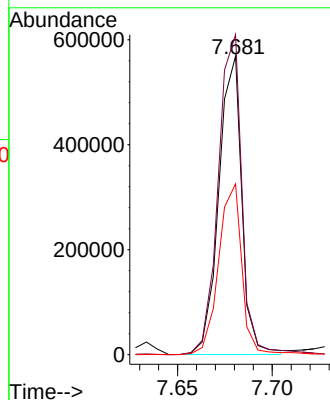
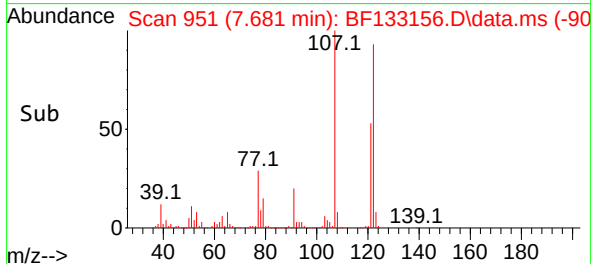


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 47944 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 107.2 | 89.7  | 134.5 |
| 121      | 57.2  | 46.0  | 69.0  |

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.796 ng

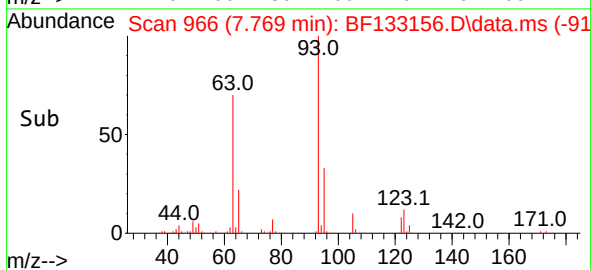
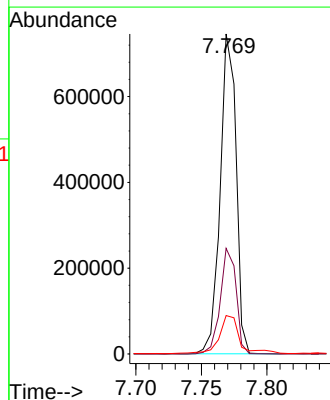
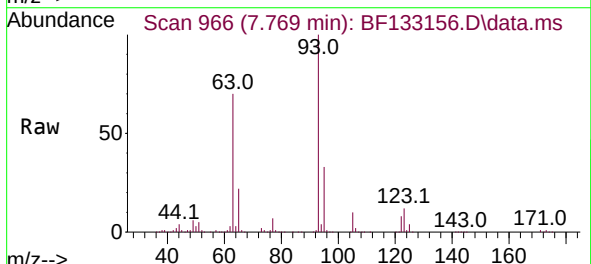
RT: 7.769 min Scan# 966

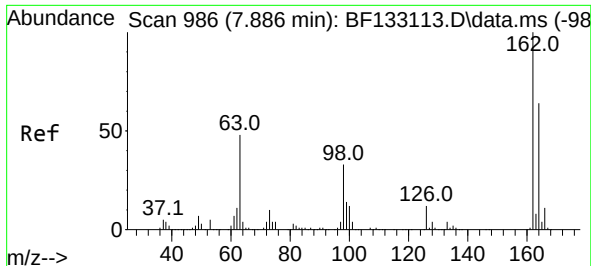
Delta R.T. -0.006 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 627096 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.0  | 26.4  | 39.6   |
| 123      | 12.0  | 10.3  | 15.5   |





#29

2,4-Dichlorophenol

Concen: 39.812 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

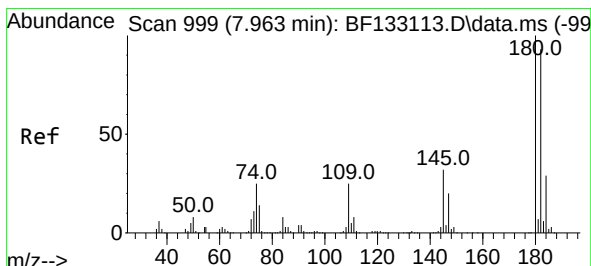
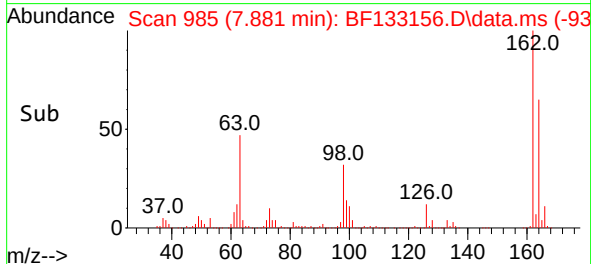
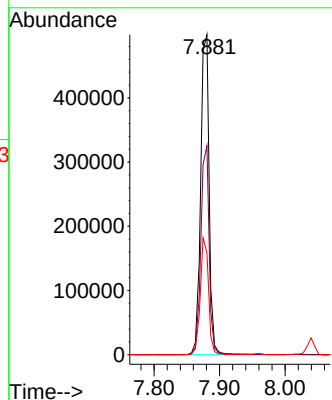
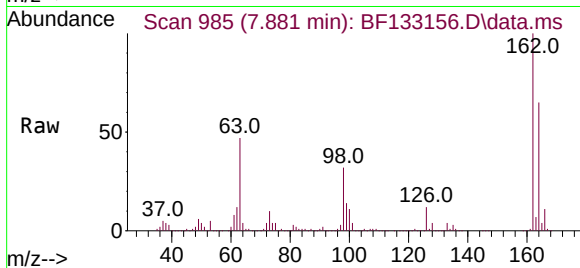
SSTDCCC040

Tgt Ion:162 Resp: 448672  
 Ion Ratio Lower Upper  
 162 100  
 164 65.3 43.9 83.9  
 98 31.9 17.0 57.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023  
 Supervised By :Jagrut Upadhyay 05/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.079 ng

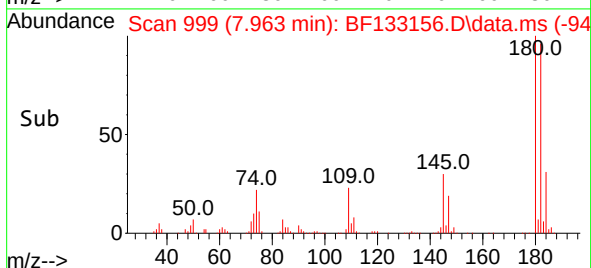
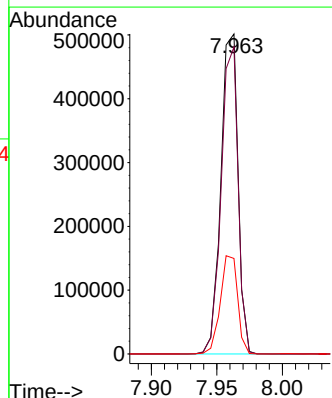
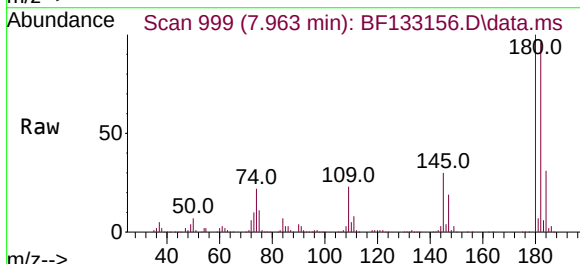
RT: 7.963 min Scan# 999

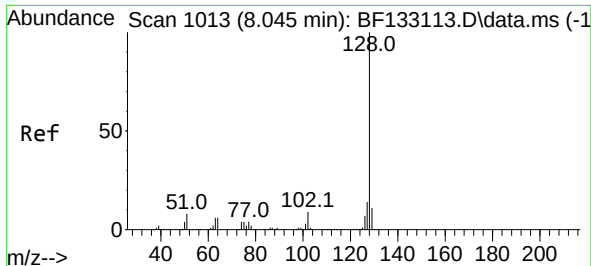
Delta R.T. 0.000 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

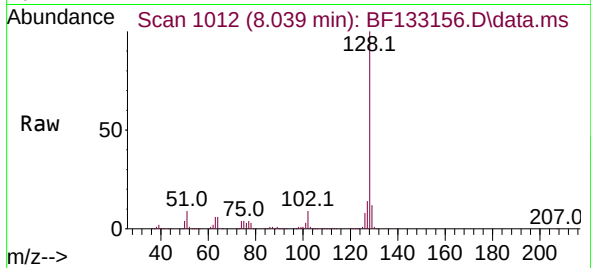
Tgt Ion:180 Resp: 456266  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 75.9 113.9  
 145 29.9 25.3 37.9





#31  
Naphthalene  
Concen: 38.434 ng  
RT: 8.039 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

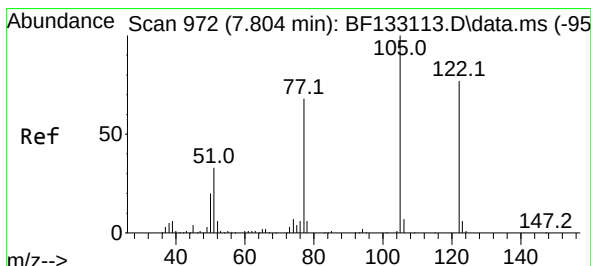
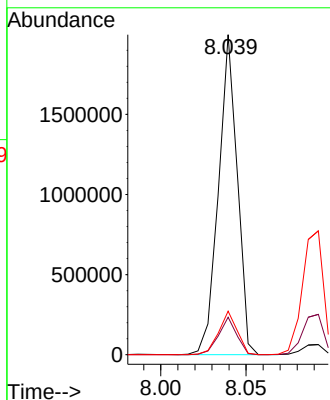
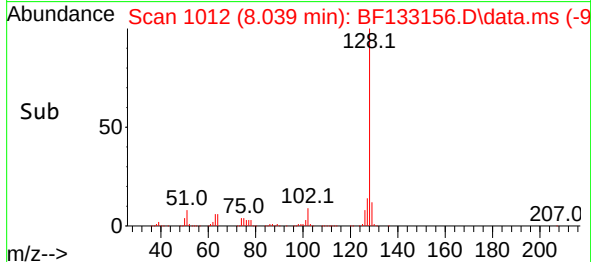
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 1532109  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.8 13.2  
127 13.6 10.7 16.1

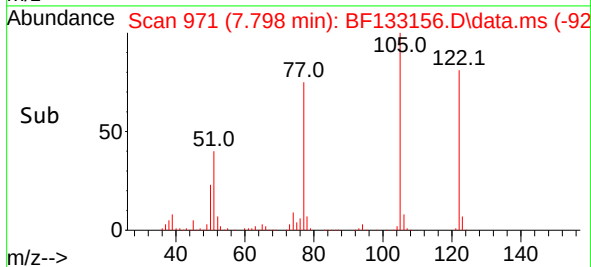
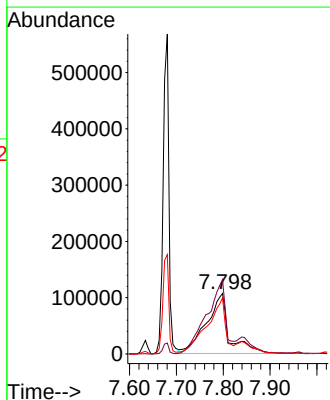
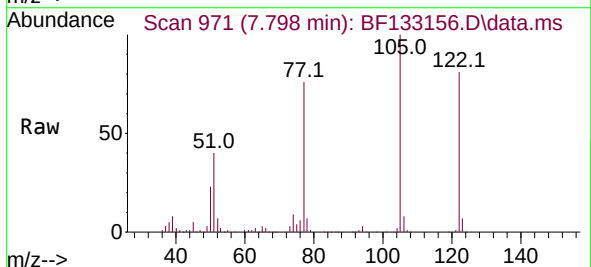
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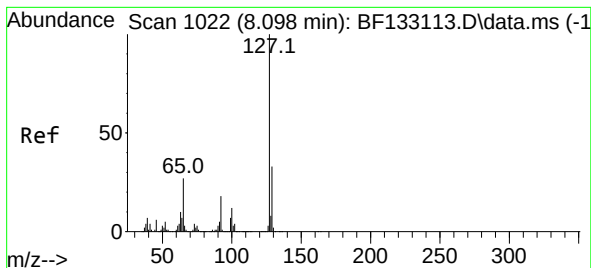
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#32  
Benzoic acid  
Concen: 47.777 ng m  
RT: 7.798 min Scan# 971  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion:122 Resp: 365344  
Ion Ratio Lower Upper  
122 100  
105 123.0 104.2 144.2  
77 93.0 69.7 109.7





#33  
4-Chloroaniline  
Concen: 41.766 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

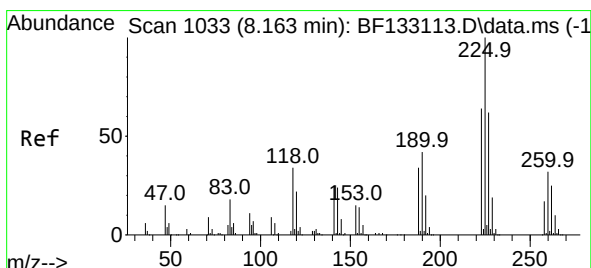
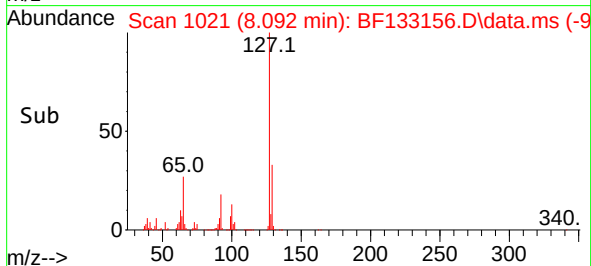
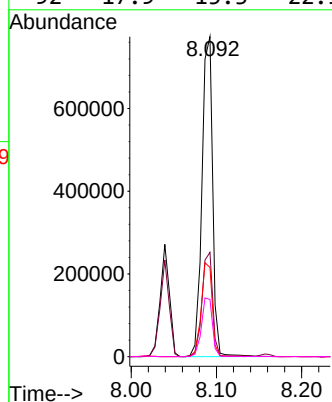
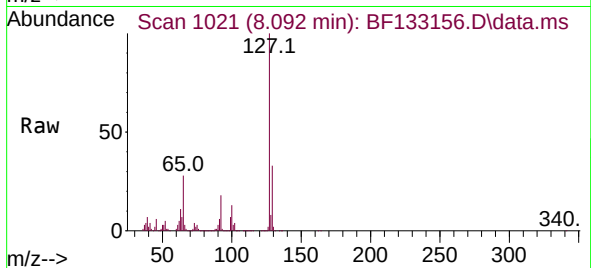
SSTDCCC040

Tgt Ion:127 Resp: 672690  
Ion Ratio Lower Upper  
127 100  
129 32.6 25.8 38.8  
65 27.9 23.6 35.4  
92 17.9 15.3 22.9

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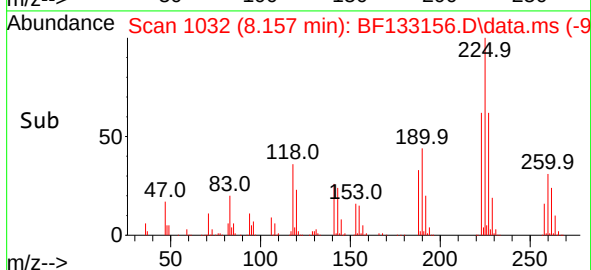
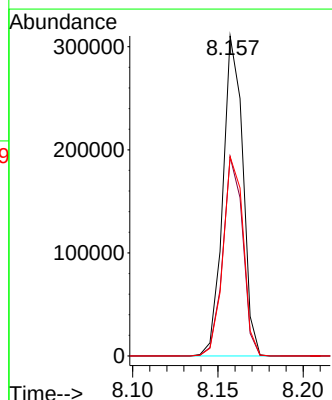
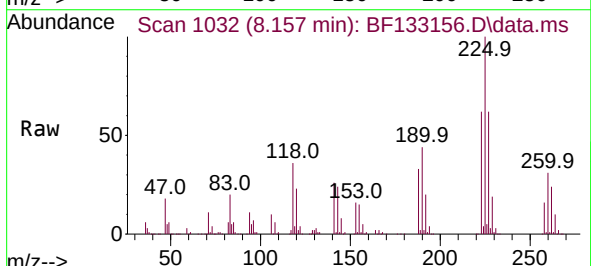
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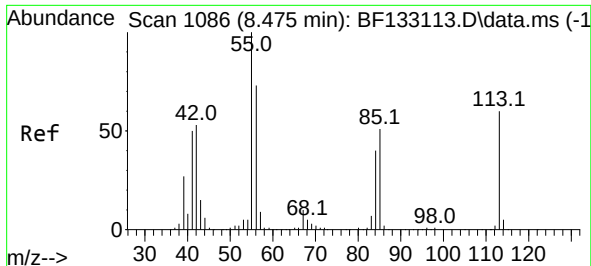
Reviewed By :Christian Giraldo 05/02/2023  
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#34  
Hexachlorobutadiene  
Concen: 39.011 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

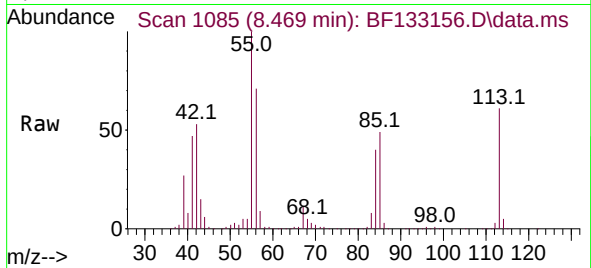
Tgt Ion:225 Resp: 252444  
Ion Ratio Lower Upper  
225 100  
223 62.2 50.9 76.3  
227 62.3 50.3 75.5





#35  
Caprolactam  
Concen: 42.032 ng  
RT: 8.469 min Scan# 1085  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

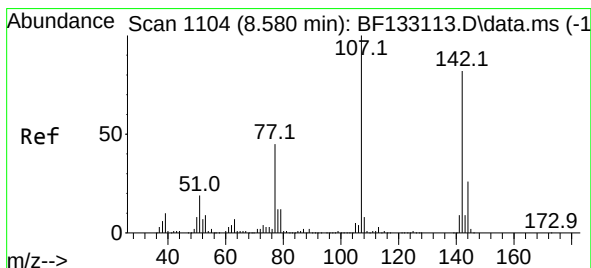
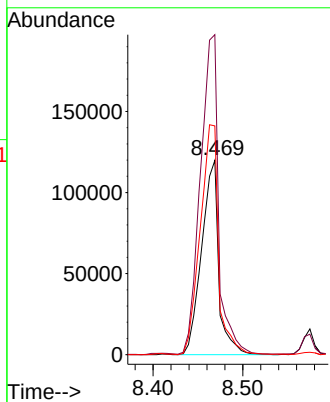
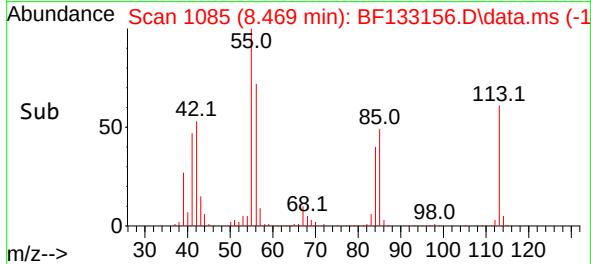
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 159130  
Ion Ratio Lower Upper  
113 100  
55 164.7 167.1 207.1  
56 117.8 114.5 154.5

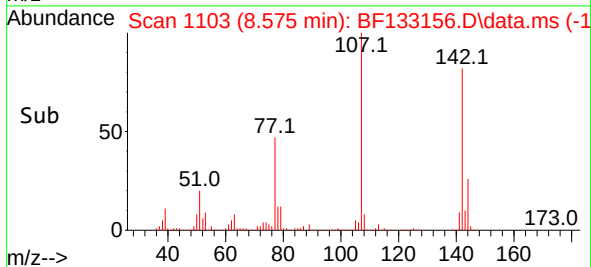
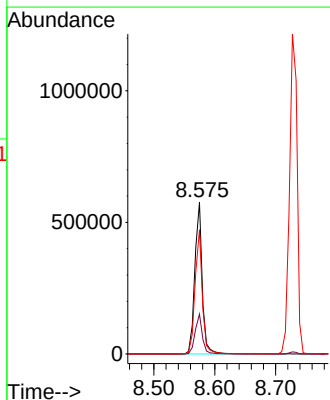
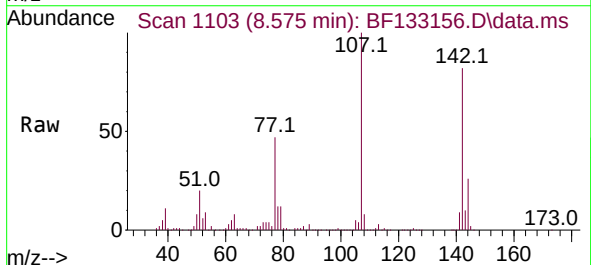
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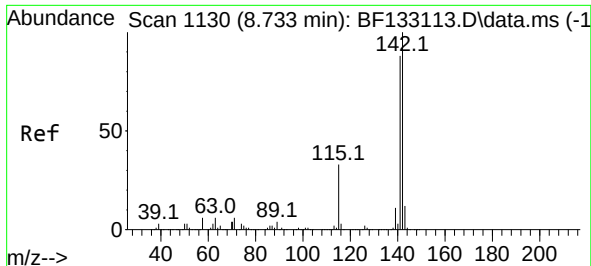
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#36  
4-Chloro-3-methylphenol  
Concen: 39.875 ng  
RT: 8.575 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion:107 Resp: 484604  
Ion Ratio Lower Upper  
107 100  
144 26.3 20.6 30.8  
142 81.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.849 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 105878

Ion Ratio Lower Upper

142 100

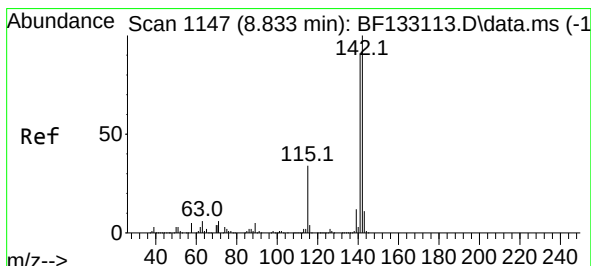
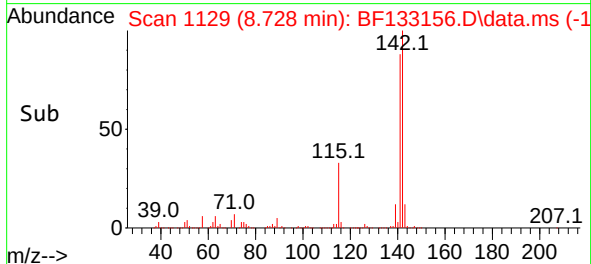
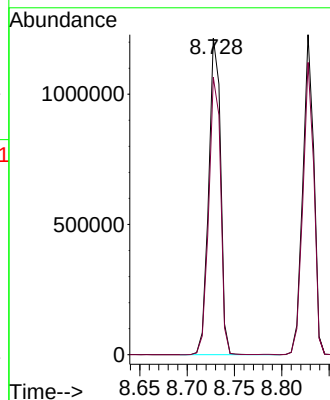
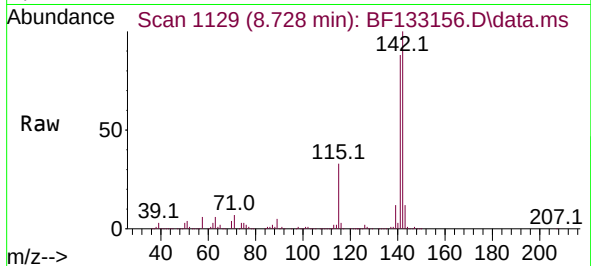
141 87.6 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#38

1-Methylnaphthalene

Concen: 39.132 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF133156.D

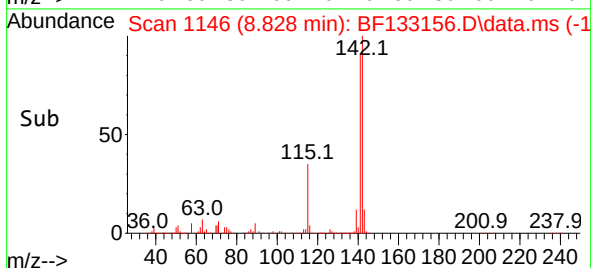
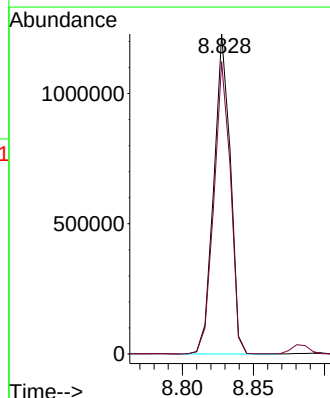
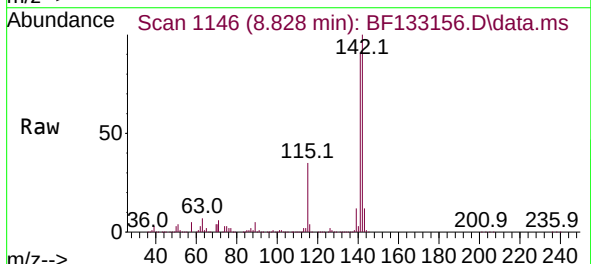
Acq: 01 May 2023 15:25

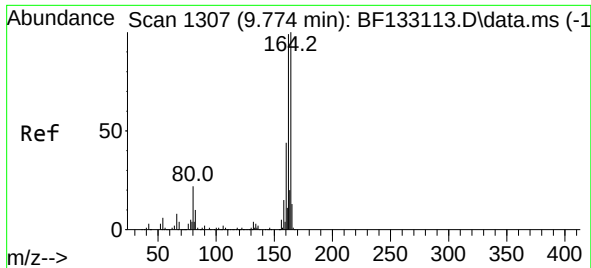
Tgt Ion:142 Resp: 997687

Ion Ratio Lower Upper

142 100

141 91.3 73.1 109.7





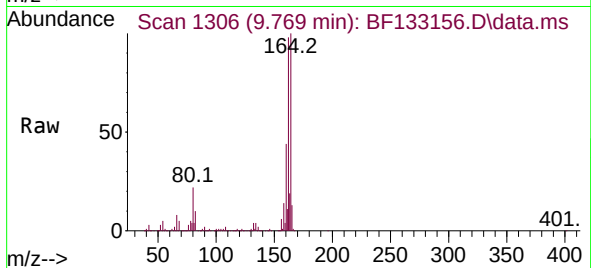
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.769 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

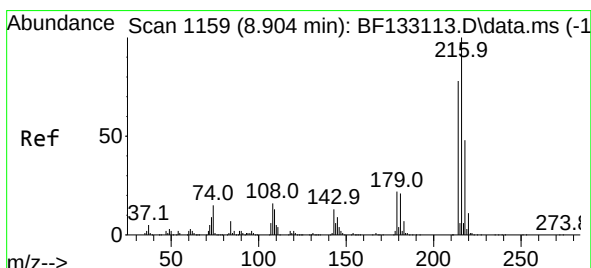
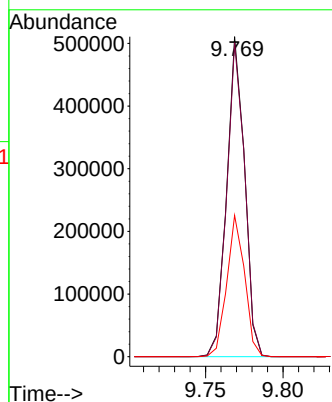
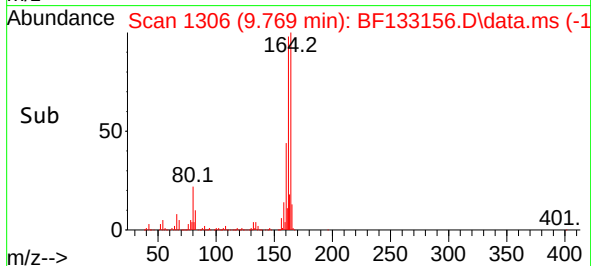


Tgt Ion:164 Resp: 40930  
Ion Ratio Lower Upper  
164 100  
162 98.1 78.7 118.1  
160 44.1 35.8 53.6

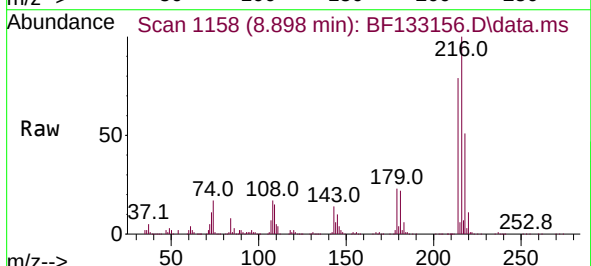
Manual Integrations

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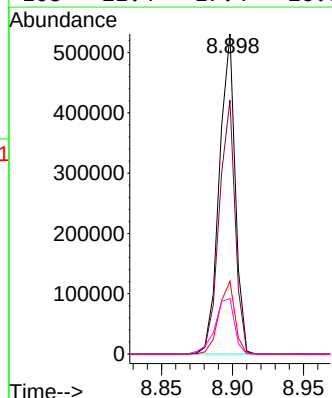
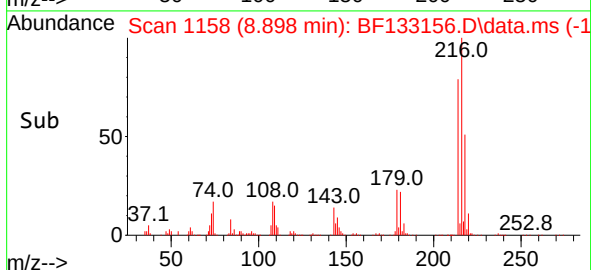
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

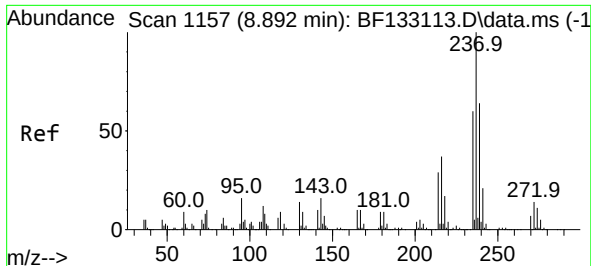


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.465 ng  
RT: 8.898 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



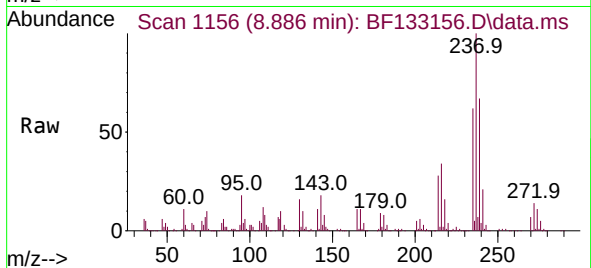
Tgt Ion:216 Resp: 412303  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.5 95.3  
179 22.7 17.4 26.2  
108 21.4 17.4 26.0





#41  
Hexachlorocyclopentadiene  
Concen: 37.902 ng  
RT: 8.886 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

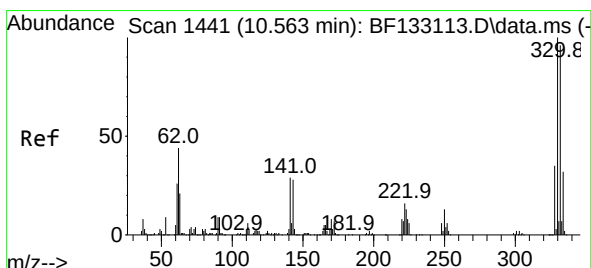
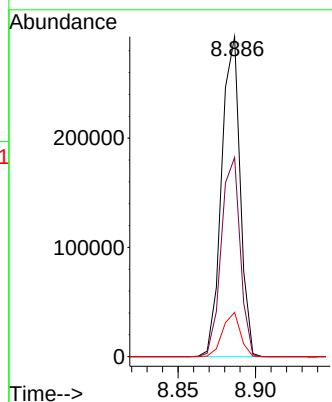
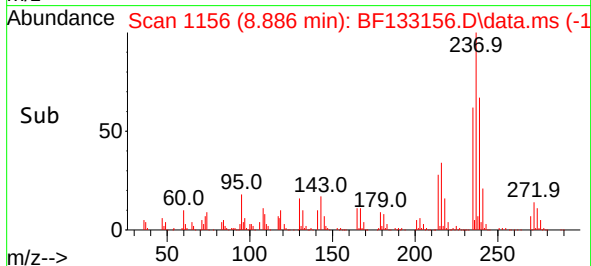
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



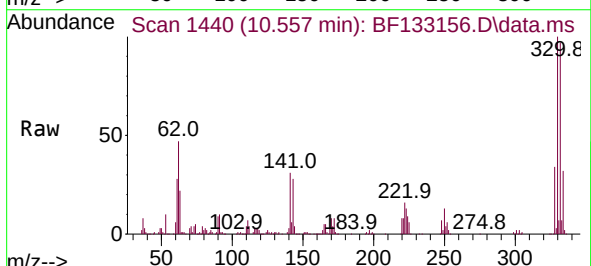
Tgt Ion:237 Resp: 24326  
Ion Ratio Lower Upper  
237 100  
235 62.3 43.5 83.5  
272 13.9 0.0 32.7

Manual Integrations  
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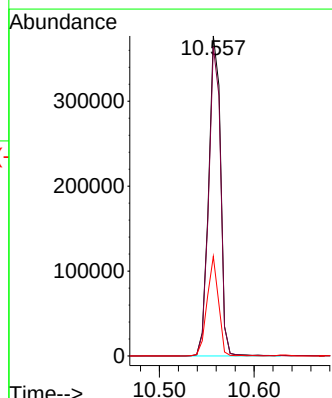
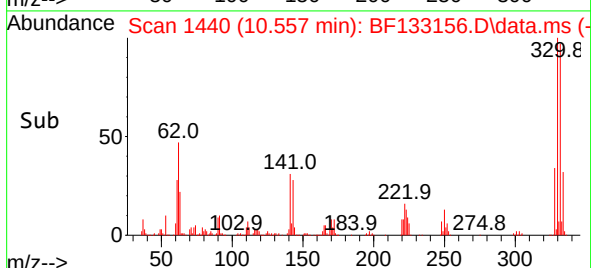
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



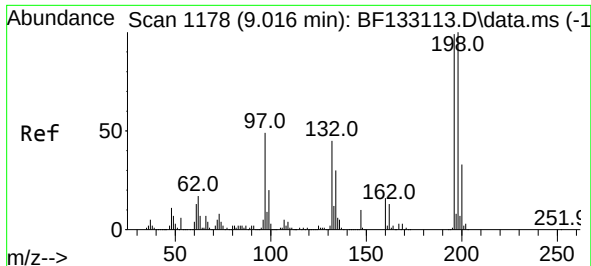
#42  
2,4,6-Tribromophenol  
Concen: 79.894 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:330 Resp: 328872  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 29.7 25.8 38.8







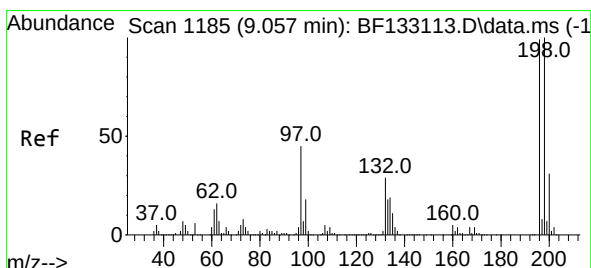
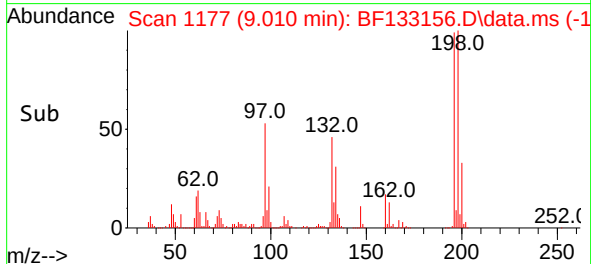
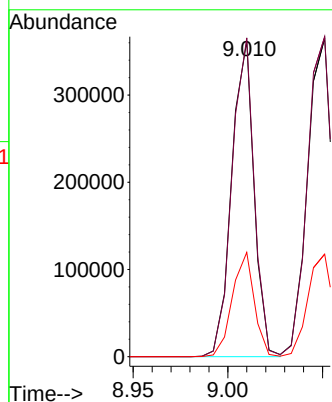
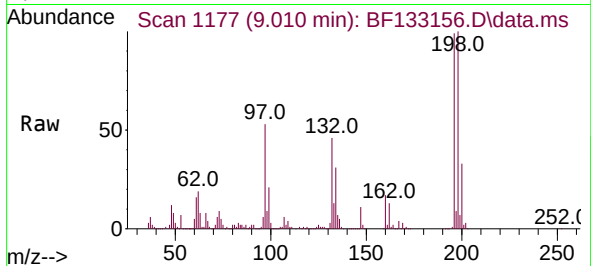
#43  
2,4,6-Trichlorophenol  
Concen: 39.152 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:196 Resp: 29797  
Ion Ratio Lower Upper  
196 100  
198 101.1 81.0 121.6  
200 33.1 26.1 39.1

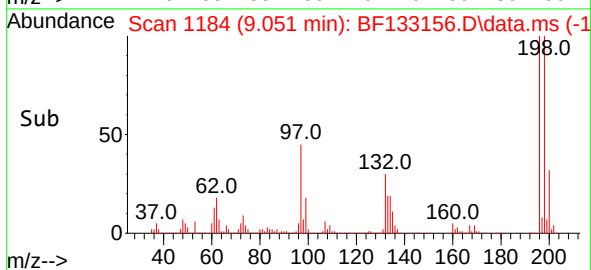
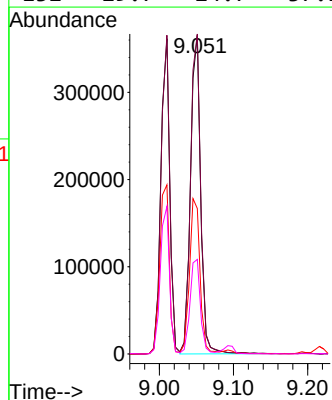
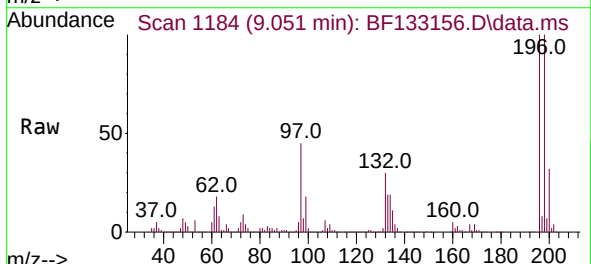
Manual Integrations  
APPROVED

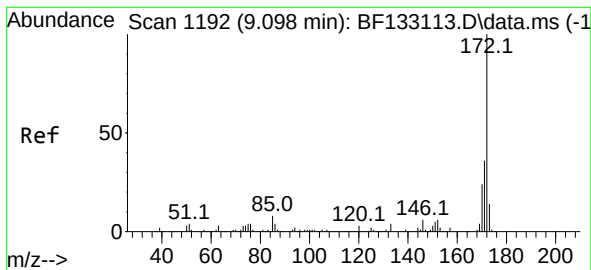
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#44  
2,4,5-Trichlorophenol  
Concen: 39.599 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

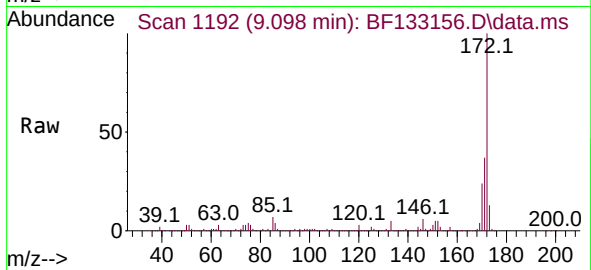
Tgt Ion:196 Resp: 348551  
Ion Ratio Lower Upper  
196 100  
198 100.4 80.9 121.3  
97 45.6 41.3 61.9  
132 29.7 24.7 37.1





#45  
2-Fluorobiphenyl  
Concen: 77.546 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

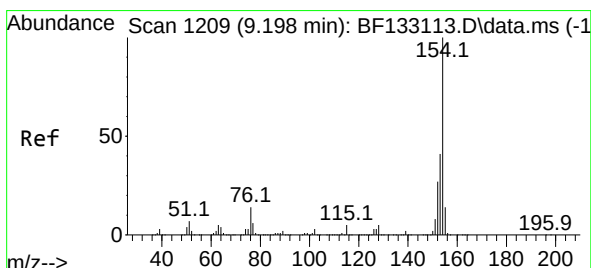
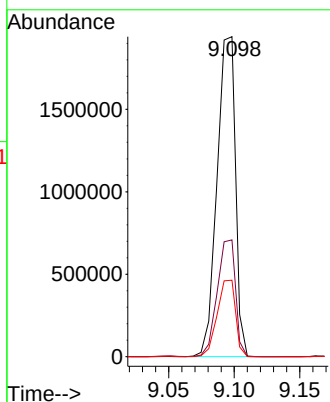
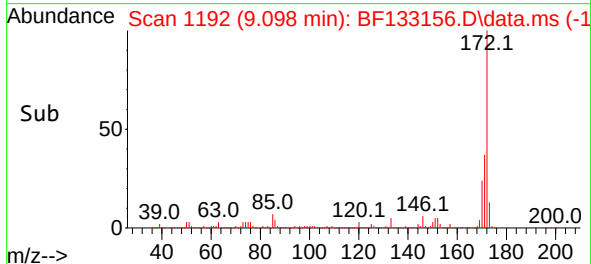
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



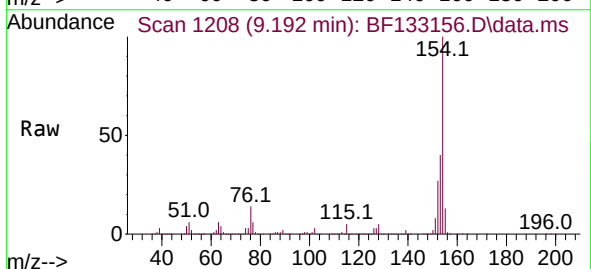
Tgt Ion:172 Resp: 1897189  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.8 43.2  
170 23.9 19.4 29.2

Manual Integrations  
APPROVED

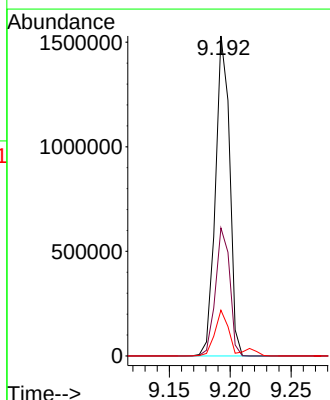
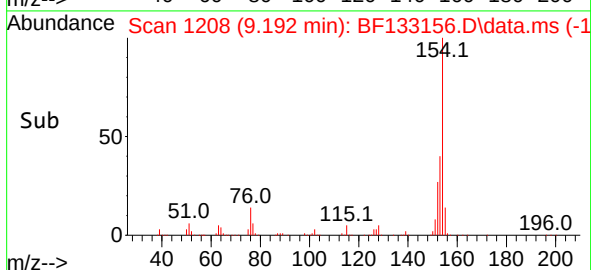
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

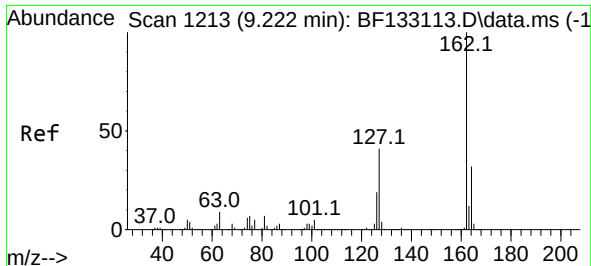


#46  
1,1'-Biphenyl  
Concen: 38.328 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:154 Resp: 1243965  
Ion Ratio Lower Upper  
154 100  
153 40.0 21.0 61.0  
76 14.3 0.0 34.5





#47  
2-Chloronaphthalene  
Concen: 38.638 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

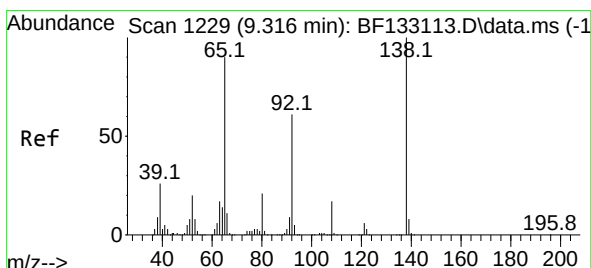
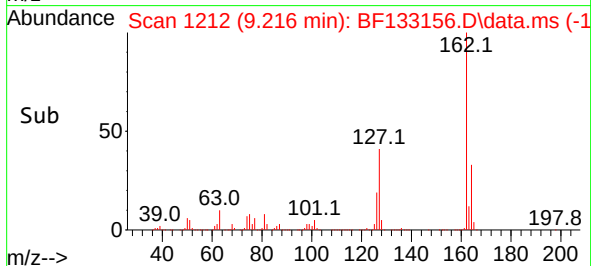
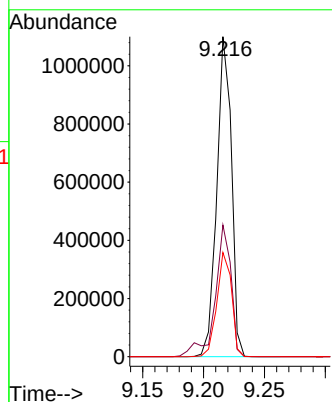
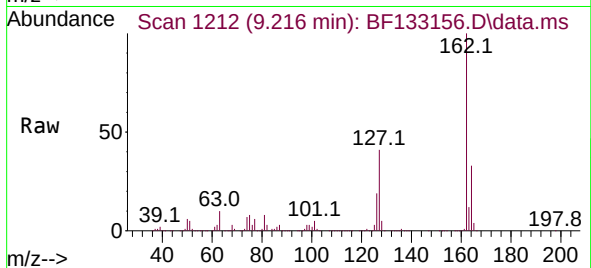
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Tgt Ion:162 Resp: 91788  
Ion Ratio Lower Upper  
162 100  
127 41.1 32.3 48.5  
164 32.6 26.8 40.2

Manual Integrations

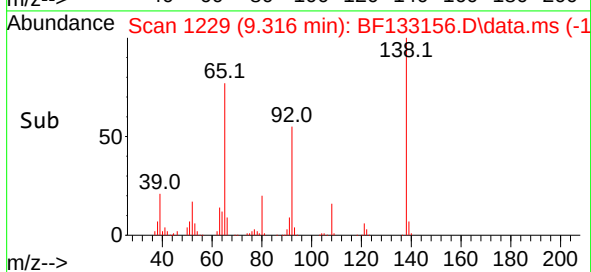
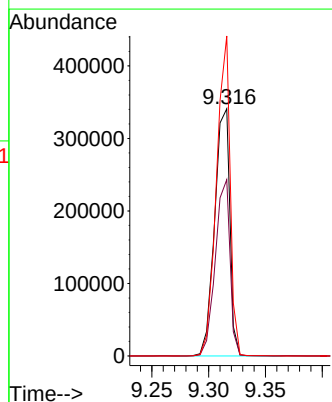
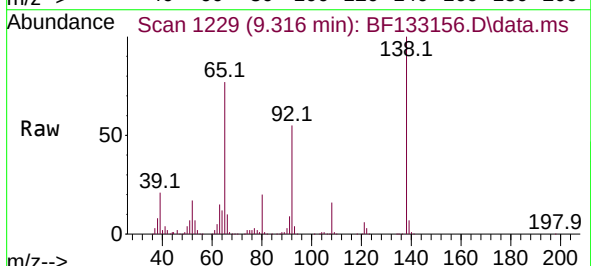
APPROVED

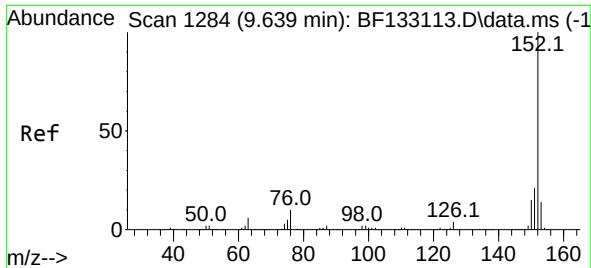
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#48  
2-Nitroaniline  
Concen: 40.360 ng  
RT: 9.316 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion: 65 Resp: 316876  
Ion Ratio Lower Upper  
65 100  
92 71.3 55.4 83.0  
138 129.4 98.2 147.2





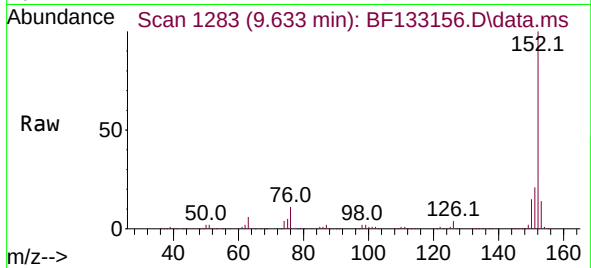
#49  
Acenaphthylene  
Concen: 39.206 ng  
RT: 9.633 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

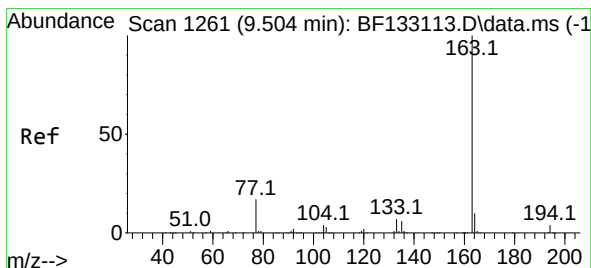
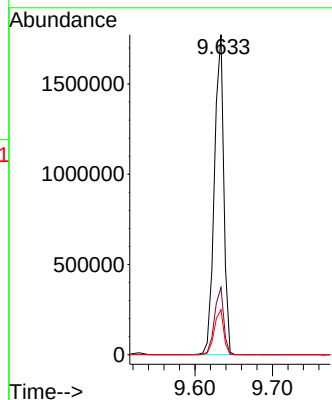
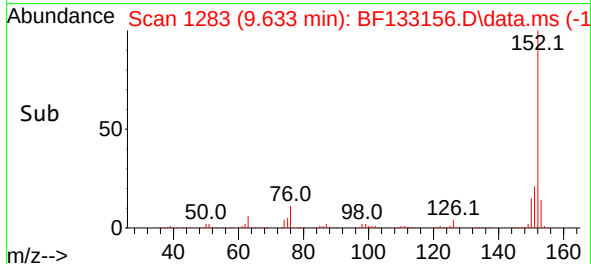


Tgt Ion:152 Resp: 1488169  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.6 24.8  
153 14.0 11.5 17.3

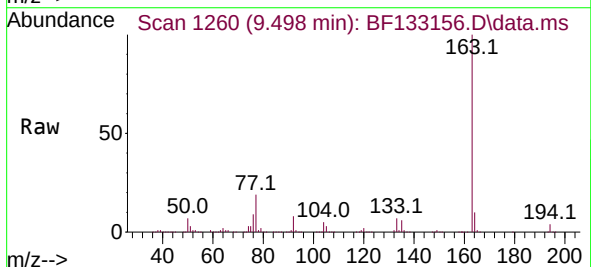
Manual Integrations

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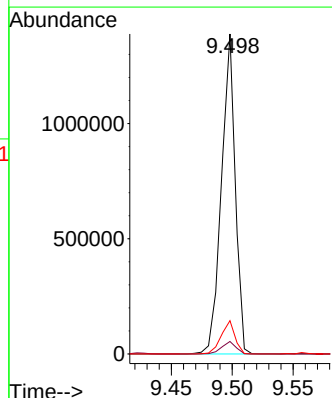
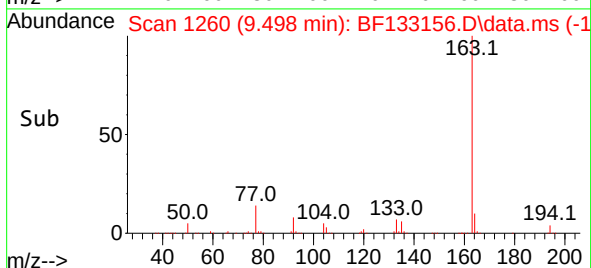
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

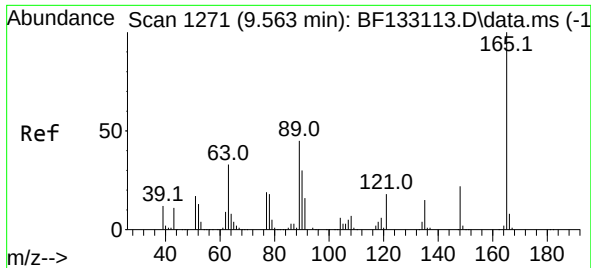


#50  
Dimethylphthalate  
Concen: 38.616 ng  
RT: 9.498 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:163 Resp: 1102094  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.4 8.5 12.7





#51  
2,6-Dinitrotoluene  
Concen: 40.121 ng  
RT: 9.557 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

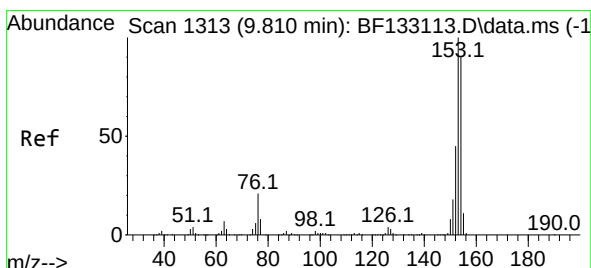
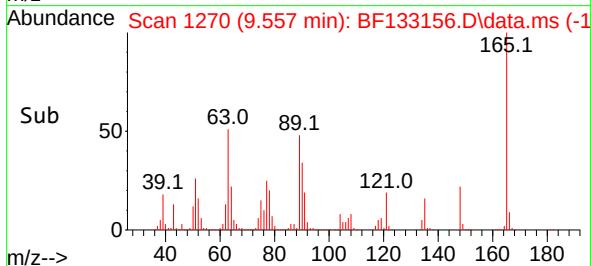
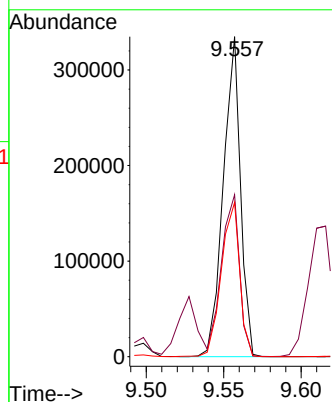
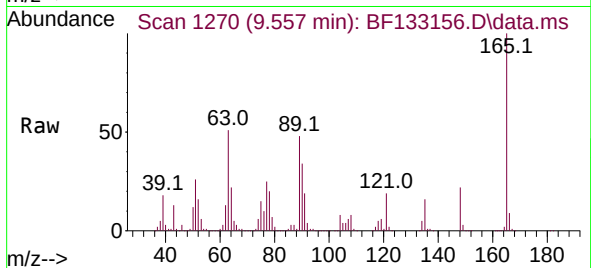
SSTDCCC040

Tgt Ion:165 Resp: 25772  
Ion Ratio Lower Upper  
165 100  
63 50.6 45.9 68.9  
89 48.2 44.0 66.0

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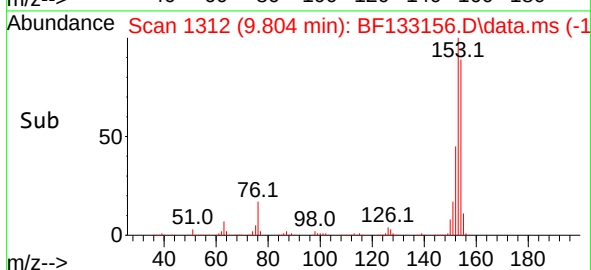
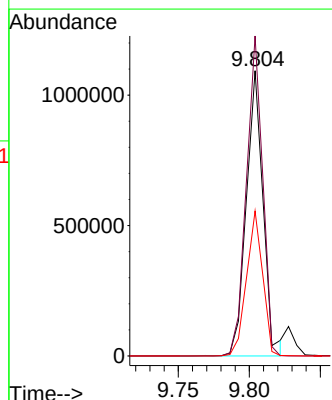
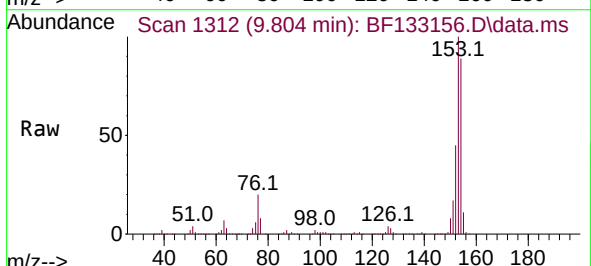
APPROVED

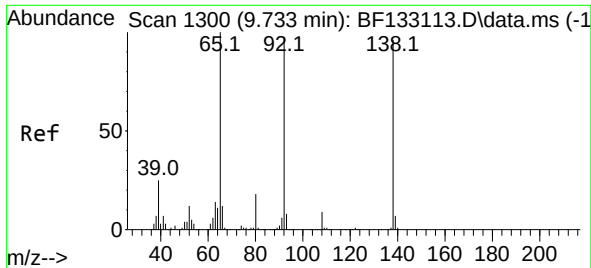
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



#52  
Acenaphthene  
Concen: 35.275 ng  
RT: 9.804 min Scan# 1312  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion:154 Resp: 896788  
Ion Ratio Lower Upper  
154 100  
153 112.2 89.0 133.6  
152 50.8 40.4 60.6





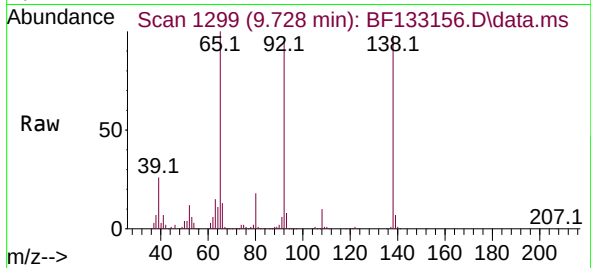
#53  
3-Nitroaniline  
Concen: 40.899 ng  
RT: 9.728 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

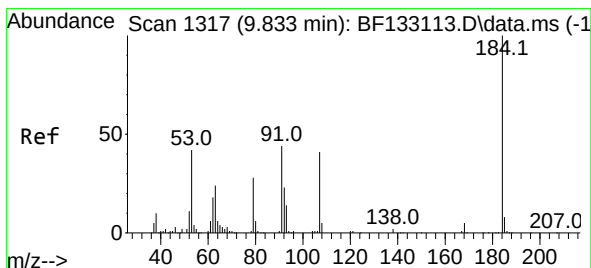
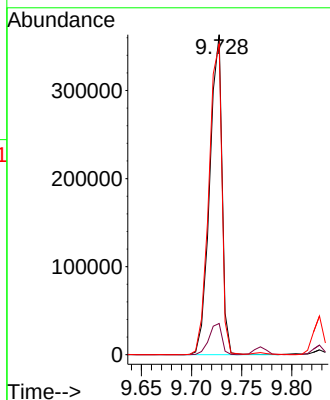
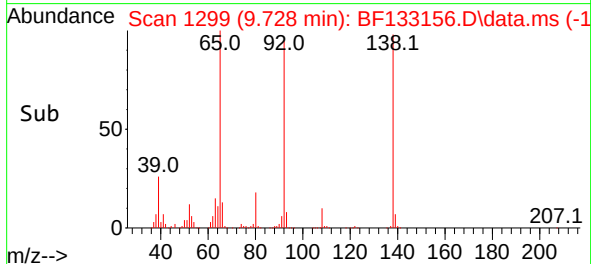


Tgt Ion:138 Resp: 312378  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.0 12.0  
92 97.1 83.6 125.4

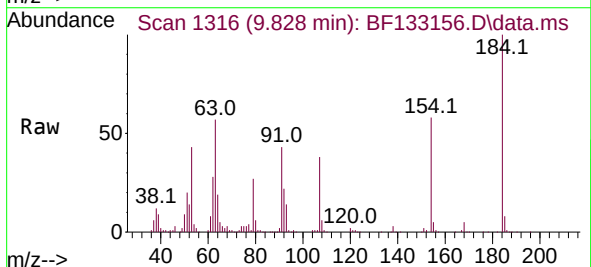
Manual Integrations

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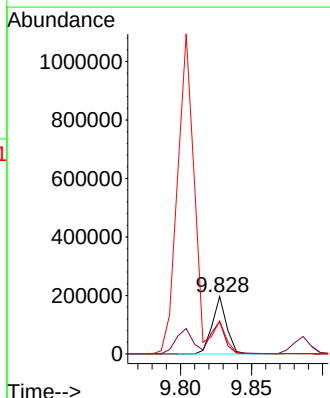
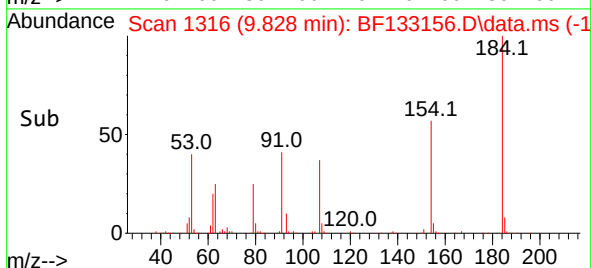
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

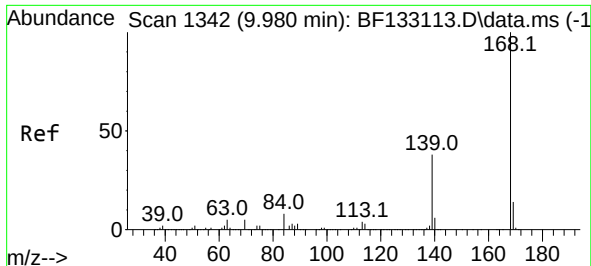


#54  
2,4-Dinitrophenol  
Concen: 43.249 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:184 Resp: 139645  
Ion Ratio Lower Upper  
184 100  
63 56.8 49.8 74.8  
154 57.6 49.5 74.3





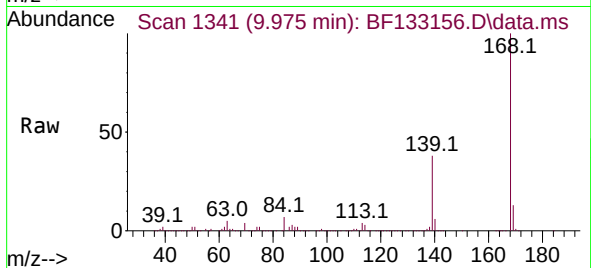
#55  
Dibenzenofuran  
Concen: 37.750 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

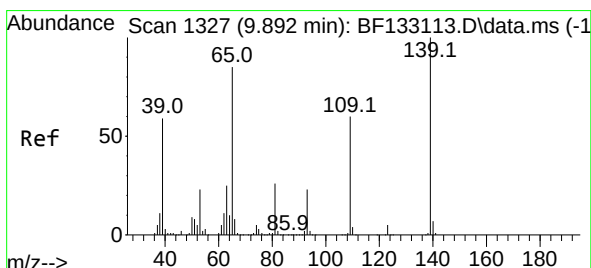
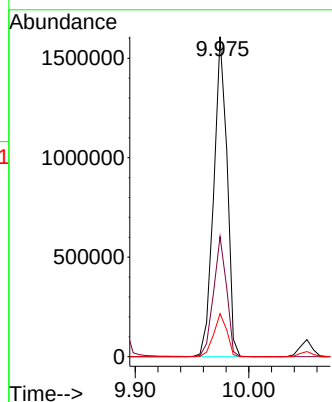
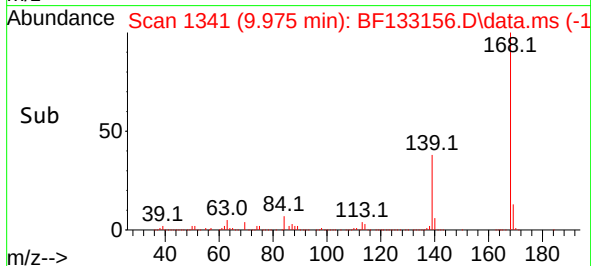


Tgt Ion:168 Resp: 1309128  
Ion Ratio Lower Upper  
168 100  
139 37.6 29.8 44.8  
169 13.5 10.8 16.2

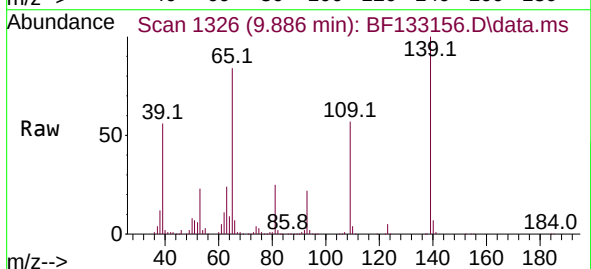
Manual Integrations

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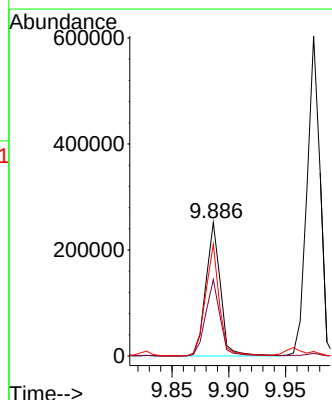
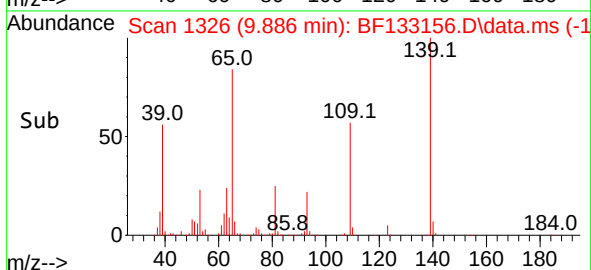
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

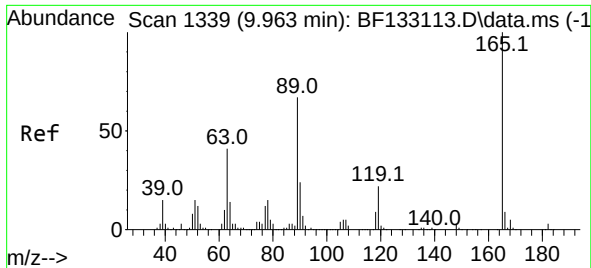


#56  
4-Nitrophenol  
Concen: 37.903 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:139 Resp: 224221  
Ion Ratio Lower Upper  
139 100  
109 57.2 39.4 79.4  
65 83.6 57.5 97.5





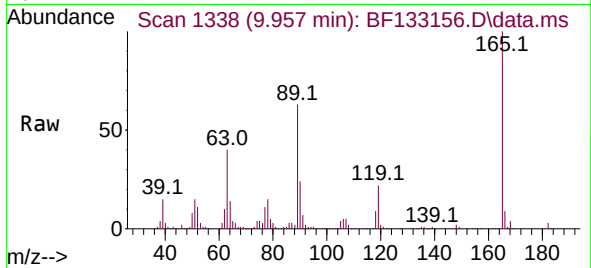
#57  
2,4-Dinitrotoluene  
Concen: 40.876 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

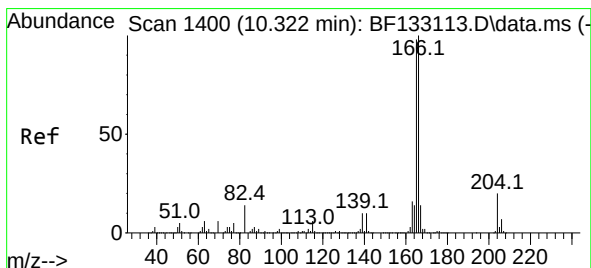
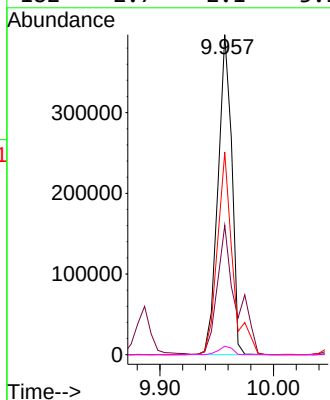
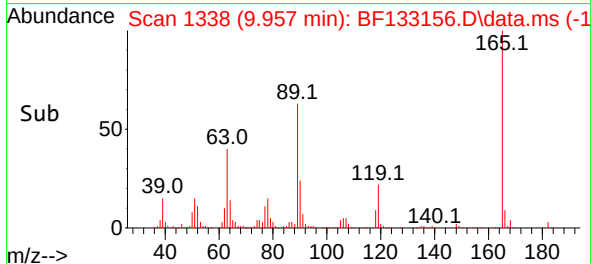


Tgt Ion:165 Resp: 334850  
Ion Ratio Lower Upper  
165 100  
63 40.5 37.7 56.5  
89 63.3 57.0 85.4  
182 2.7 2.1 3.1

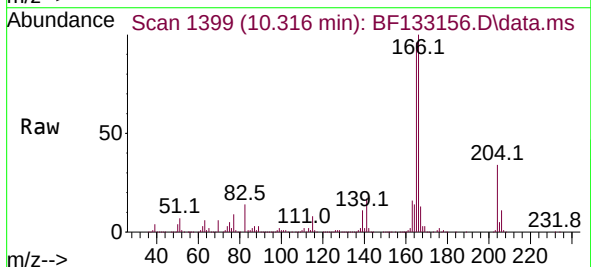
Manual Integrations

APPROVED

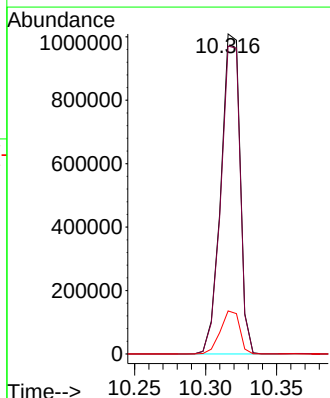
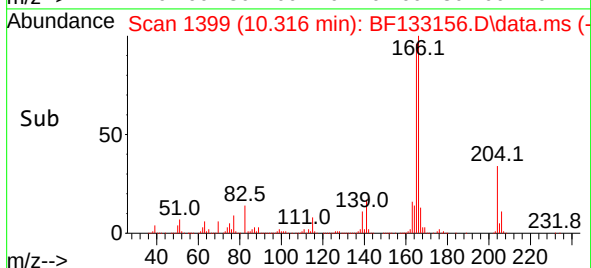
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



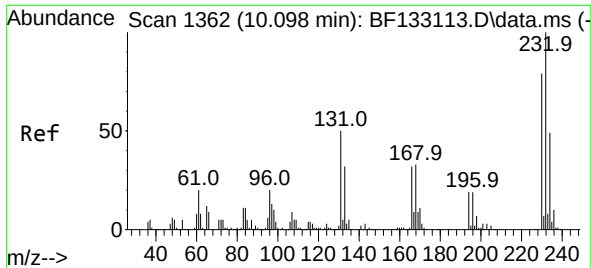
#58  
Fluorene  
Concen: 37.288 ng  
RT: 10.316 min Scan# 1399  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:166 Resp: 947374  
Ion Ratio Lower Upper  
166 100  
165 96.2 78.6 117.8  
167 13.5 11.0 16.4

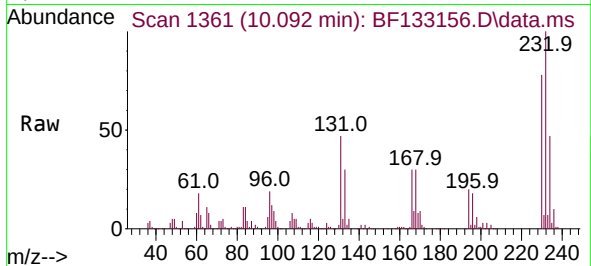






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.511 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

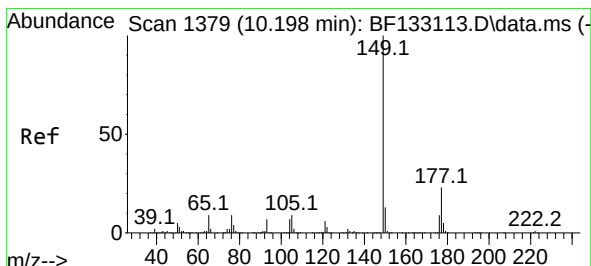
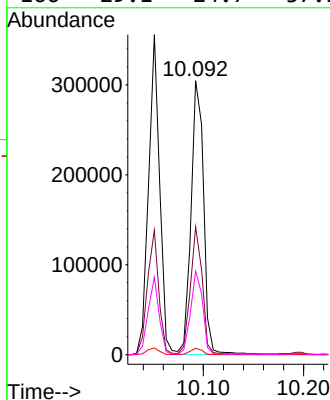
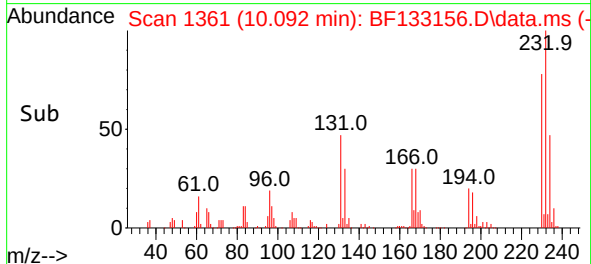
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



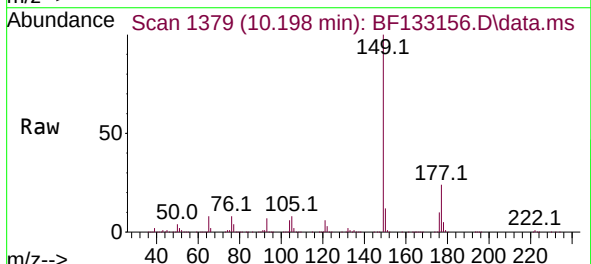
Tgt Ion:232 Resp: 262791  
Ion Ratio Lower Upper  
232 100  
131 44.3 38.0 57.0  
130 2.2 1.8 2.8  
166 29.1 24.7 37.1

Manual Integrations  
APPROVED

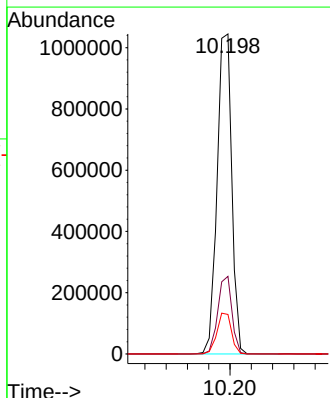
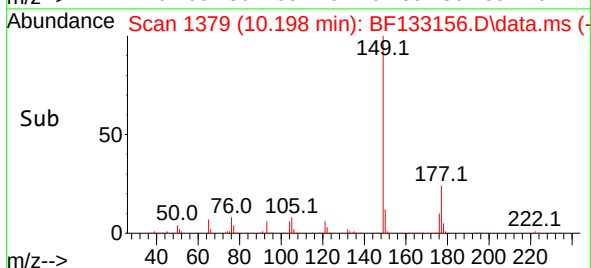
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

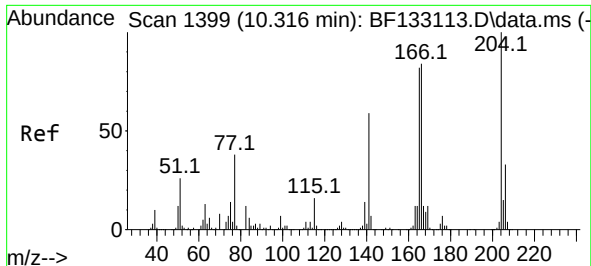


#60  
Diethylphthalate  
Concen: 37.037 ng  
RT: 10.198 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:149 Resp: 998441  
Ion Ratio Lower Upper  
149 100  
177 24.3 18.2 27.4  
150 12.3 10.2 15.4





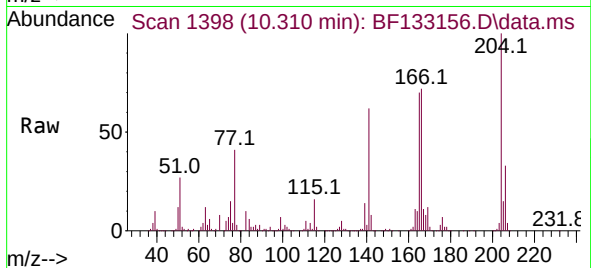
#61  
4-Chlorophenyl-phenylether  
Concen: 37.329 ng  
RT: 10.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

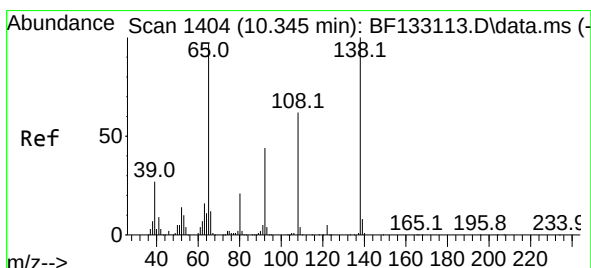
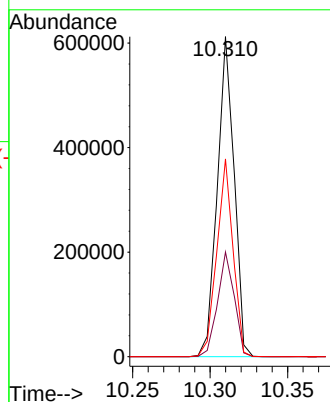
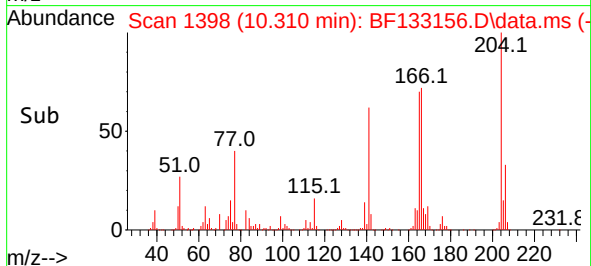


Tgt Ion:204 Resp: 462180  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.1 39.1  
141 61.8 46.1 69.1

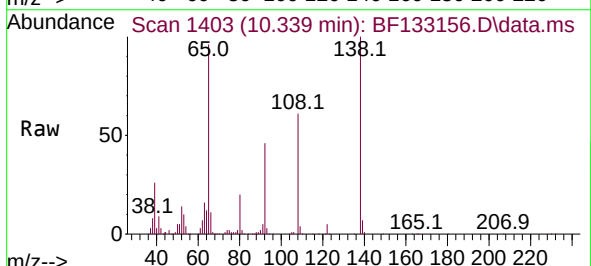
Manual Integrations

APPROVED

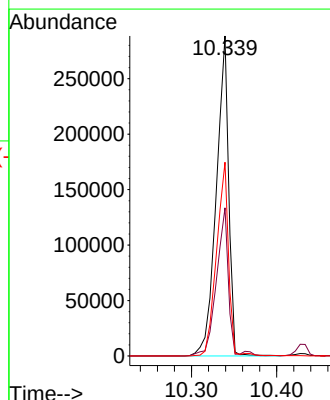
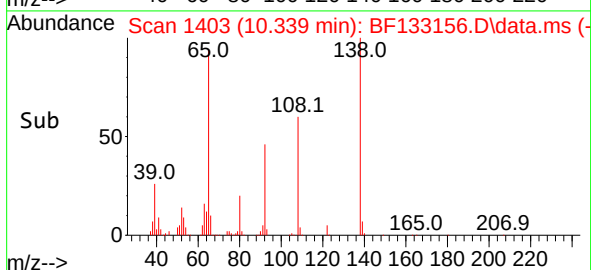
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

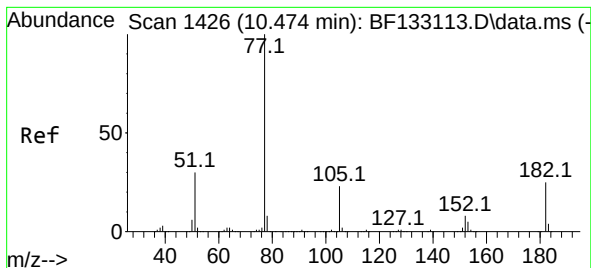


#62  
4-Nitroaniline  
Concen: 41.679 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



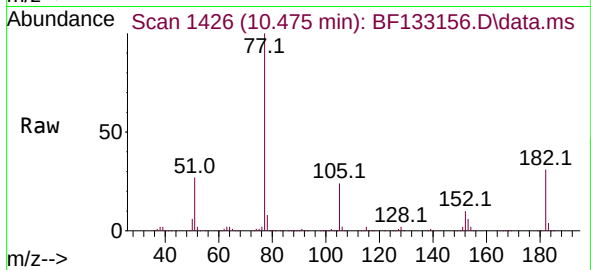
Tgt Ion:138 Resp: 292582  
Ion Ratio Lower Upper  
138 100  
92 46.3 27.7 67.7  
108 60.5 45.2 85.2





#63  
Azobenzene  
Concen: 34.181 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

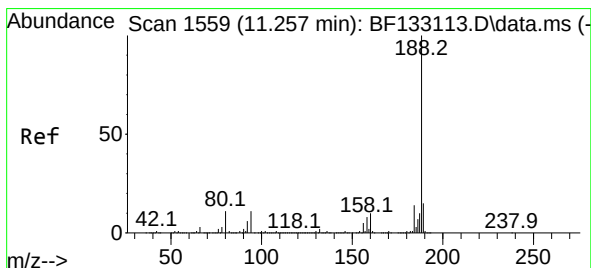
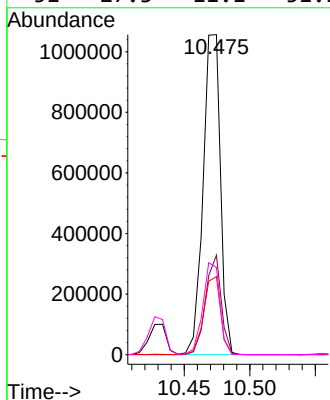
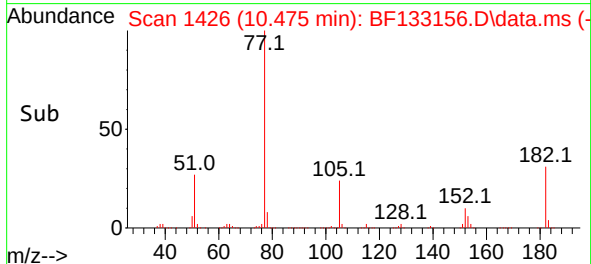
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



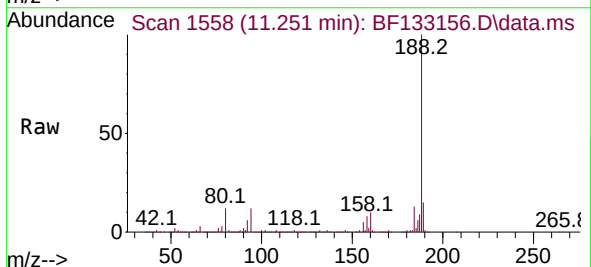
Tgt Ion: 77 Resp: 976123  
Ion Ratio Lower Upper  
77 100  
182 31.1 5.9 45.9  
105 24.4 2.3 42.3  
51 27.3 11.1 51.1

Manual Integrations  
APPROVED

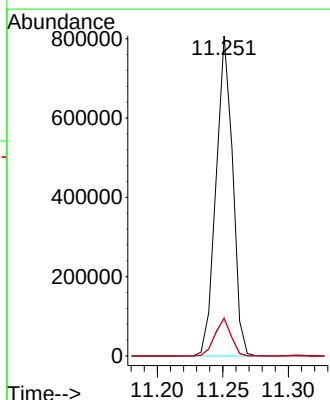
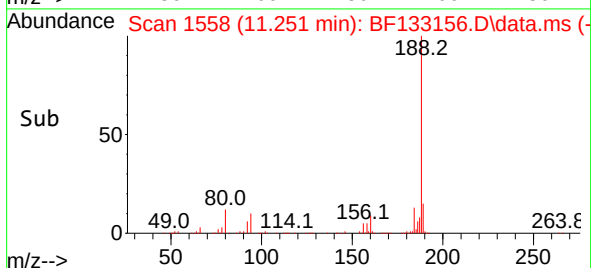
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

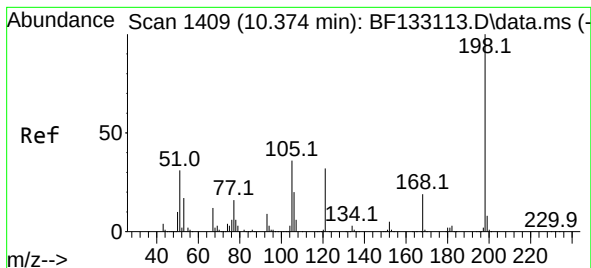


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.251 min Scan# 1558  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



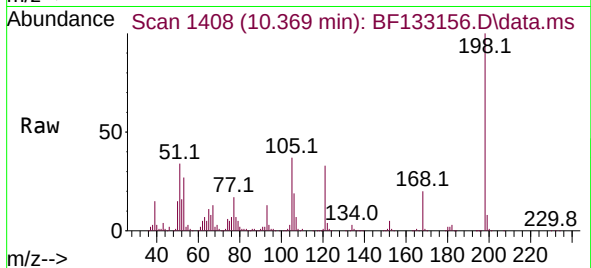
Tgt Ion:188 Resp: 709193  
Ion Ratio Lower Upper  
188 100  
94 11.8 9.7 14.5  
80 11.9 10.4 15.6





#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.359 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

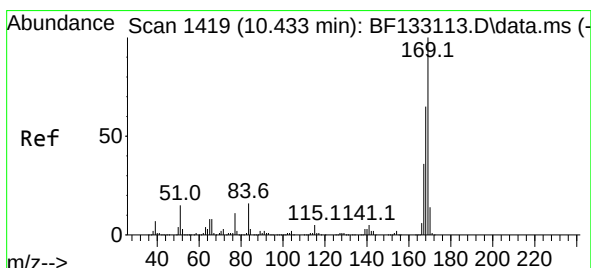
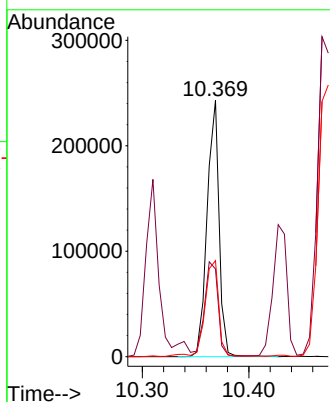
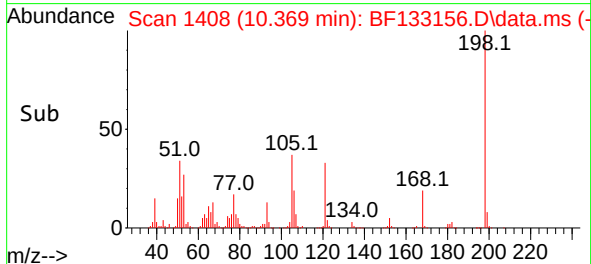
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



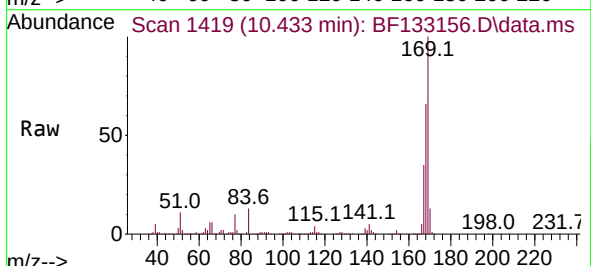
Tgt Ion:198 Resp: 190680  
Ion Ratio Lower Upper  
198 100  
51 34.2 15.5 55.5  
105 37.5 16.7 56.7

Manual Integrations  
APPROVED

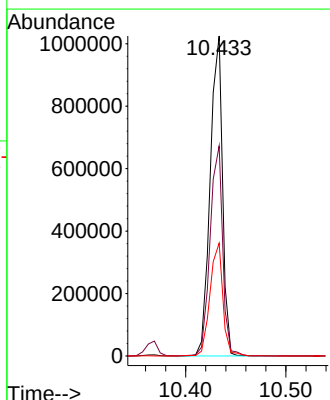
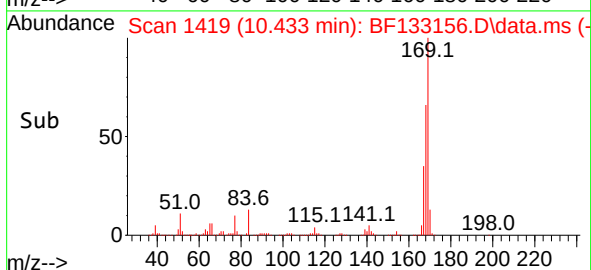
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

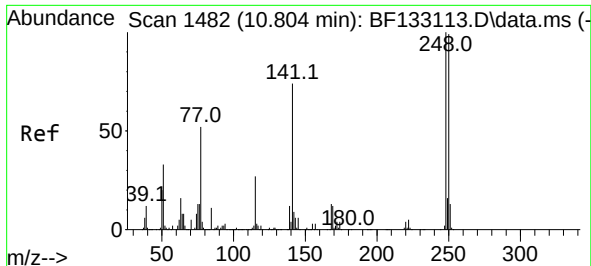


#66  
n-Nitrosodiphenylamine  
Concen: 38.038 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



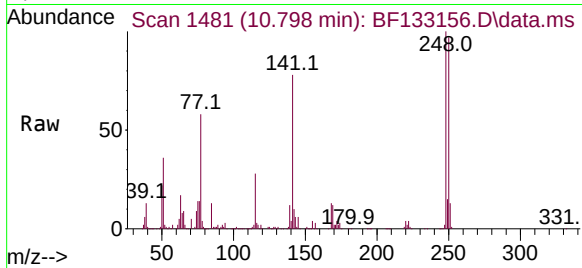
Tgt Ion:169 Resp: 875043  
Ion Ratio Lower Upper  
169 100  
168 65.6 53.8 80.8  
167 35.2 29.7 44.5





#67  
4-Bromophenyl-phenylether  
Concen: 38.665 ng  
RT: 10.798 min Scan# 1482  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

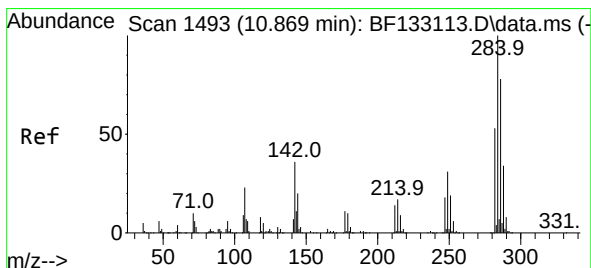
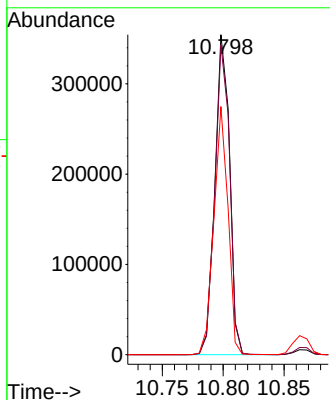
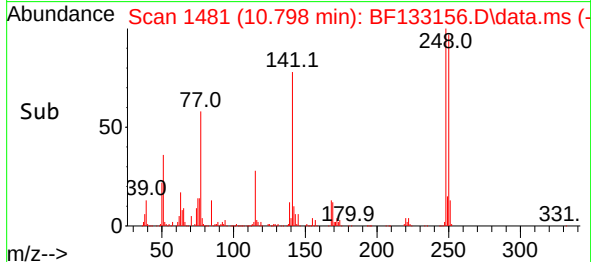
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



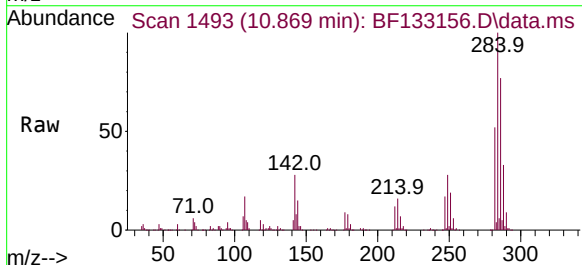
Tgt Ion:248 Resp: 297398  
Ion Ratio Lower Upper  
248 100  
250 96.8 78.7 118.1  
141 77.6 56.3 84.5

Manual Integrations  
APPROVED

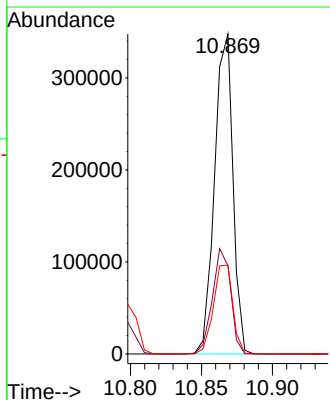
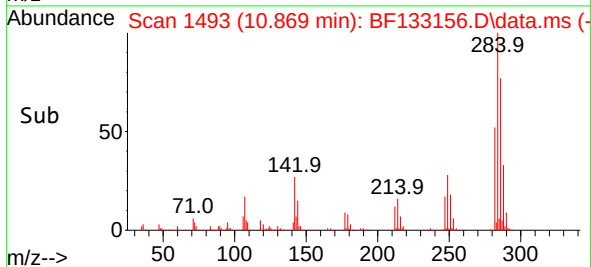
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

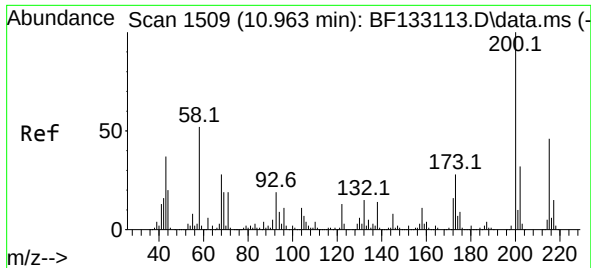


#68  
Hexachlorobenzene  
Concen: 39.641 ng  
RT: 10.869 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



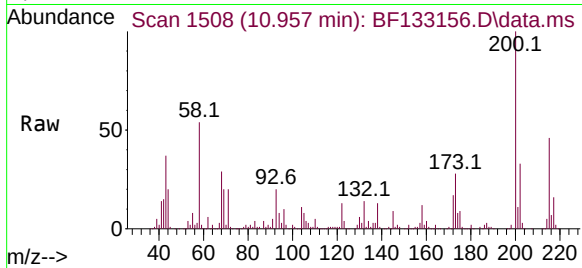
Tgt Ion:284 Resp: 312432  
Ion Ratio Lower Upper  
284 100  
142 27.5 26.0 39.0  
249 27.8 23.7 35.5





#69  
Atrazine  
Concen: 39.923 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

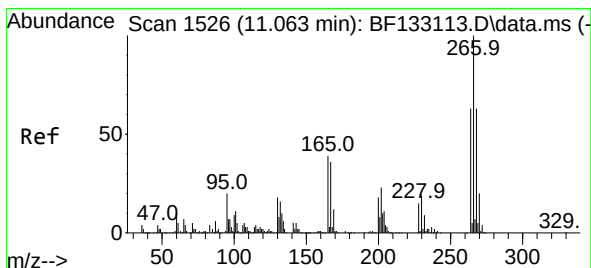
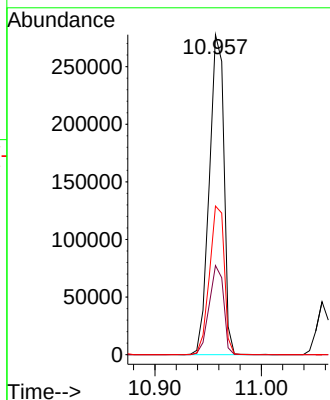
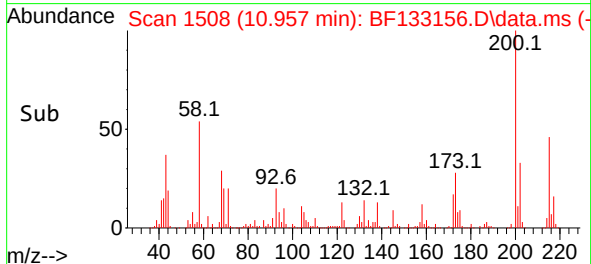
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



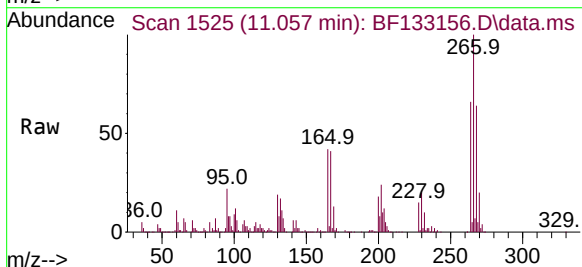
Tgt Ion:200 Resp: 264632  
Ion Ratio Lower Upper  
200 100  
173 27.9 6.2 46.2  
215 46.4 26.3 66.3

Manual Integrations  
APPROVED

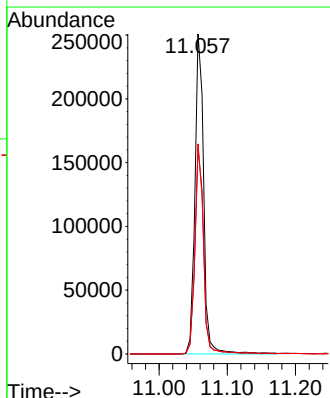
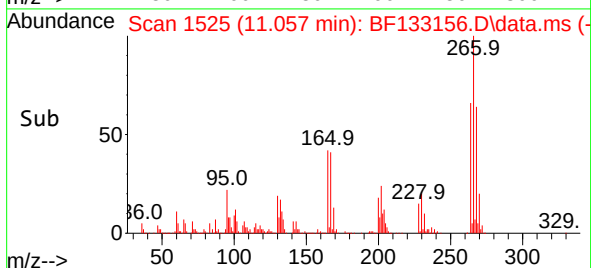
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

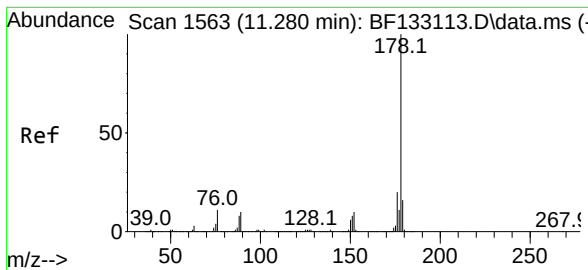


#70  
Pentachlorophenol  
Concen: 39.755 ng  
RT: 11.057 min Scan# 1525  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



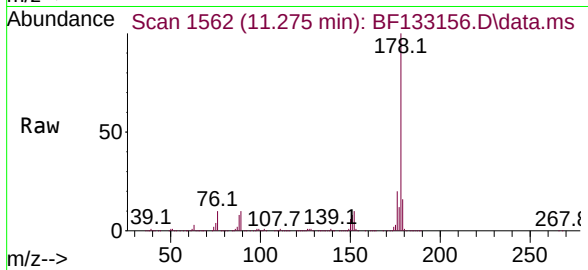
Tgt Ion:266 Resp: 223151  
Ion Ratio Lower Upper  
266 100  
268 64.4 48.8 73.2  
264 65.7 50.6 76.0





#71  
Phenanthrene  
Concen: 37.859 ng  
RT: 11.275 min Scan# 1562  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

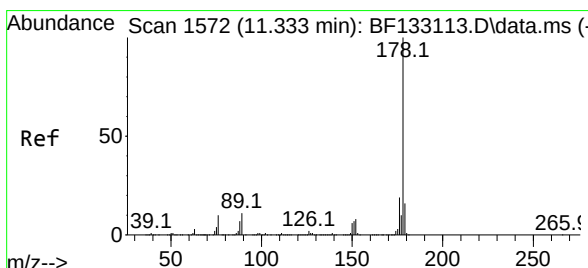
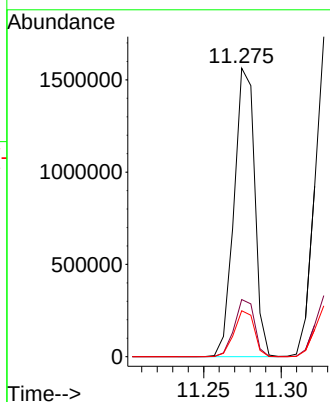
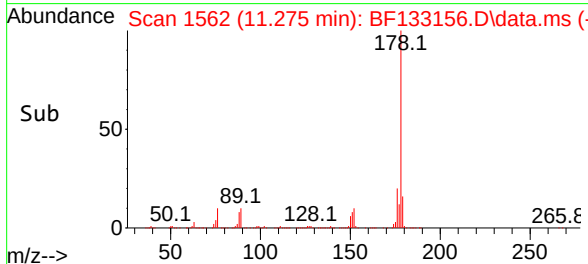
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



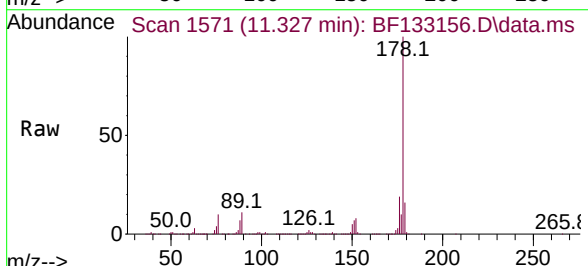
Tgt Ion:178 Resp: 1443083  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.9 23.9  
179 15.9 12.5 18.7

Manual Integrations  
APPROVED

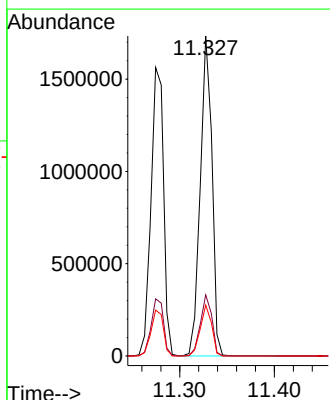
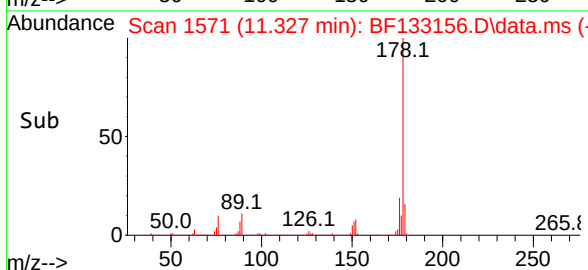
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

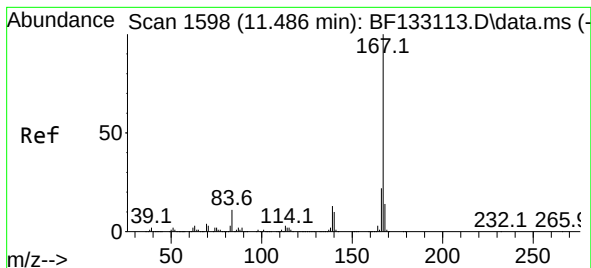


#72  
Anthracene  
Concen: 38.300 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:178 Resp: 1494024  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 15.9 12.4 18.6





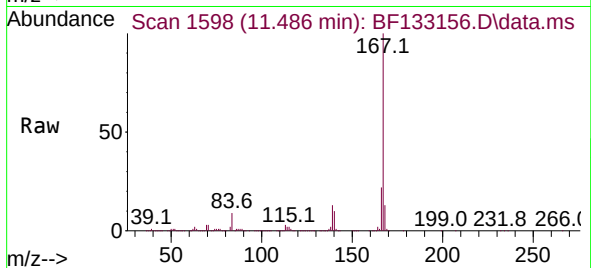
#73  
 Carbazole  
 Concen: 38.569 ng  
 RT: 11.486 min Scan# 1598  
 Delta R.T. 0.000 min  
 Lab File: BF133156.D  
 Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

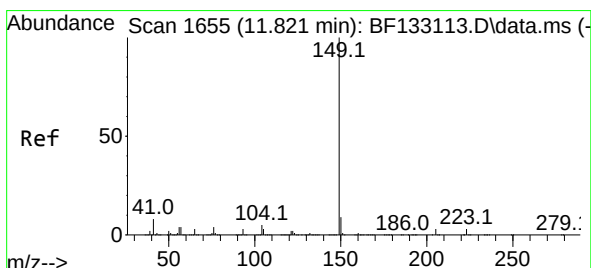
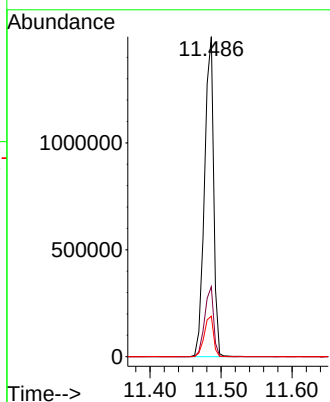
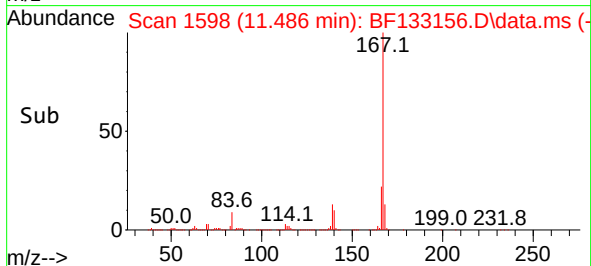


Tgt Ion:167 Resp: 1339670  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.0  
 139 12.7 10.6 16.0

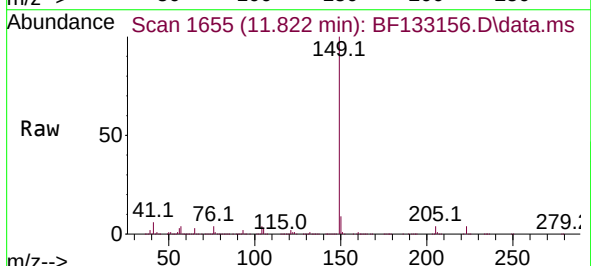
Manual Integrations

APPROVED

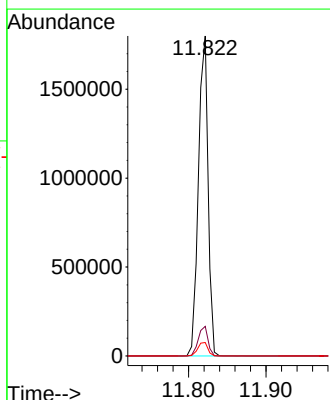
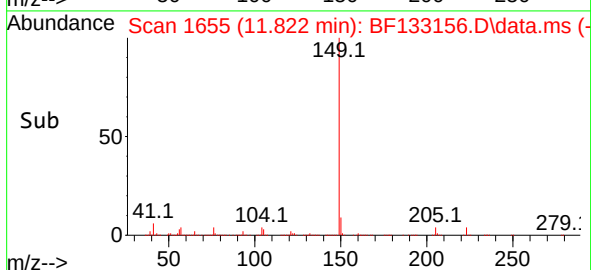
Reviewed By :Christian Giraldo 05/02/2023  
 Supervised By :Jagrut Upadhyay 05/02/2023



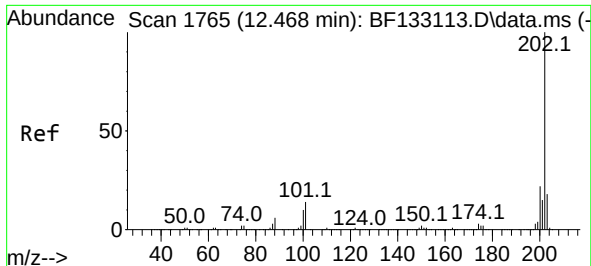
#74  
 Di-n-butylphthalate  
 Concen: 39.559 ng  
 RT: 11.822 min Scan# 1655  
 Delta R.T. 0.000 min  
 Lab File: BF133156.D  
 Acq: 01 May 2023 15:25



Tgt Ion:149 Resp: 1554953  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.6 11.4  
 104 4.2 4.0 6.0

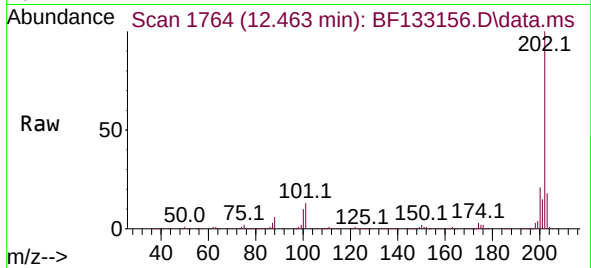






#75  
Fluoranthene  
Concen: 38.842 ng  
RT: 12.463 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

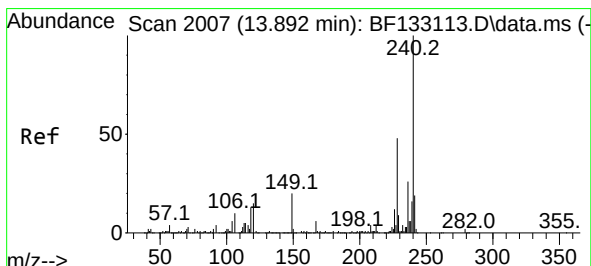
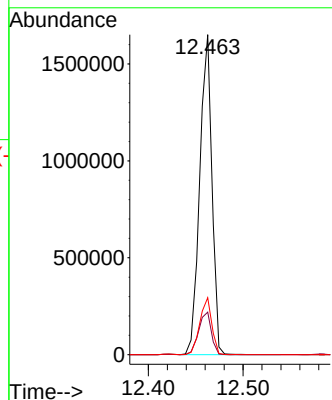
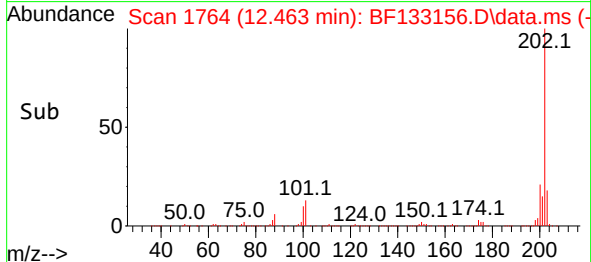
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



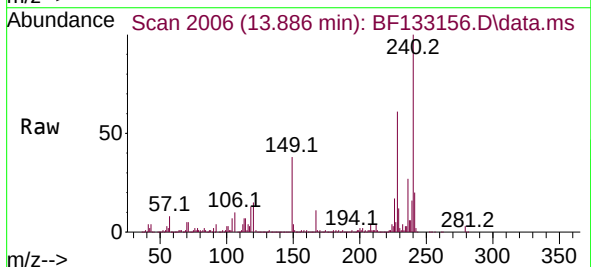
Tgt Ion:202 Resp: 148588  
Ion Ratio Lower Upper  
202 100  
101 13.3 0.0 35.3  
203 17.8 0.0 38.1

Manual Integrations  
APPROVED

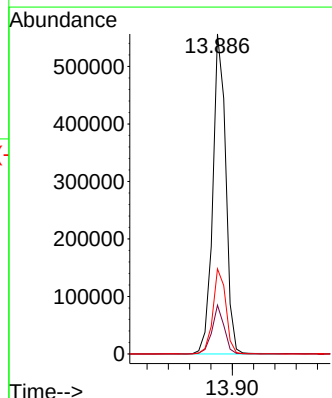
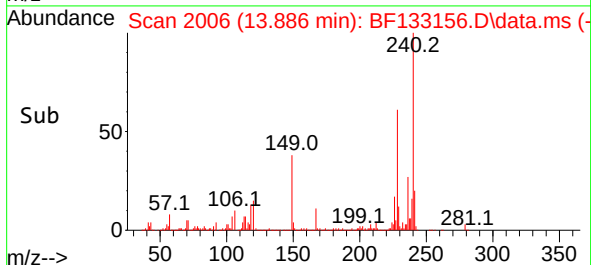
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

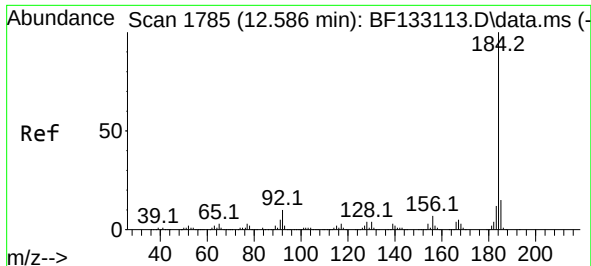


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



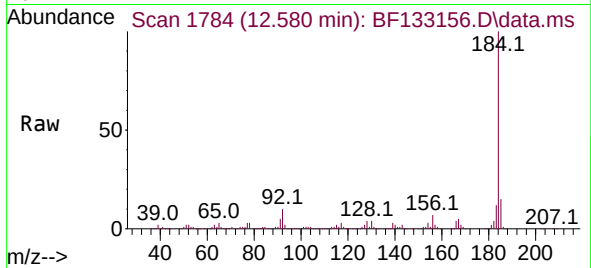
Tgt Ion:240 Resp: 470586  
Ion Ratio Lower Upper  
240 100  
120 15.3 10.5 15.7  
236 26.6 21.5 32.3





#77  
Benzidine  
Concen: 53.264 ng  
RT: 12.580 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

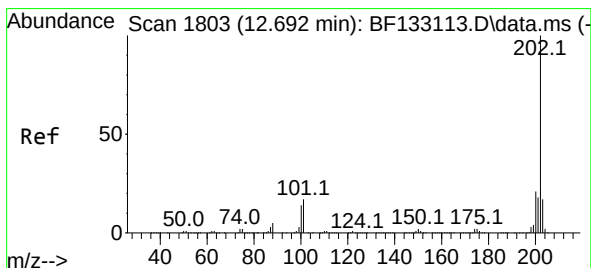
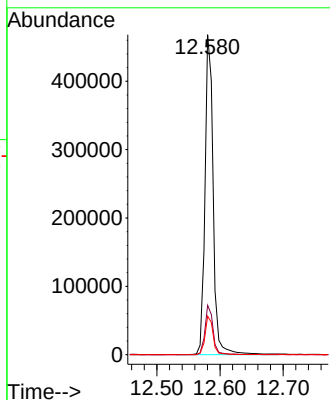
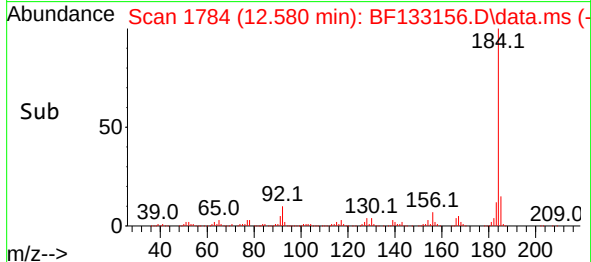
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



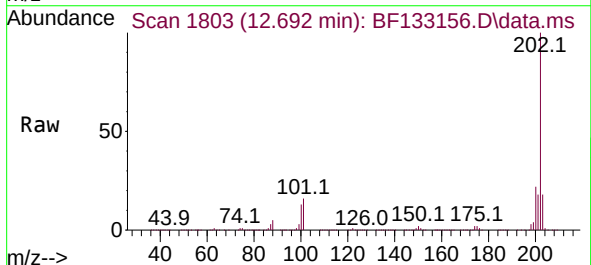
Tgt Ion:184 Resp: 423864  
Ion Ratio Lower Upper  
184 100  
185 15.5 15.4 23.2  
183 12.0 9.4 14.0

Manual Integrations  
APPROVED

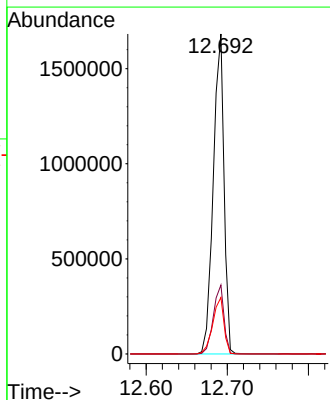
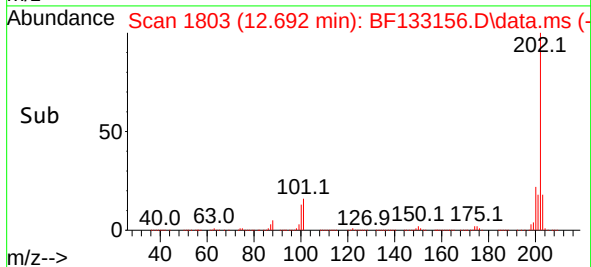
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

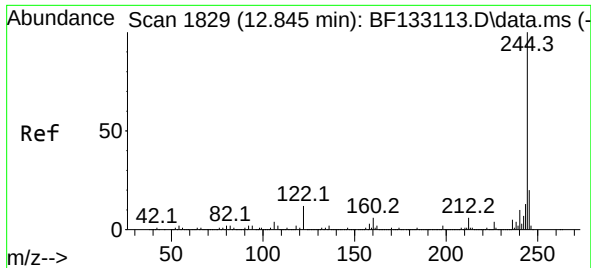


#78  
Pyrene  
Concen: 38.170 ng  
RT: 12.692 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:202 Resp: 1539769  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.1 25.7  
203 17.6 14.1 21.1





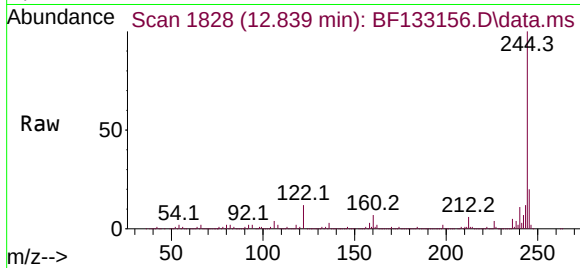
#79  
 Terphenyl-d14  
 Concen: 76.410 ng  
 RT: 12.839 min Scan# 1829  
 Delta R.T. 0.000 min  
 Lab File: BF133156.D  
 Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

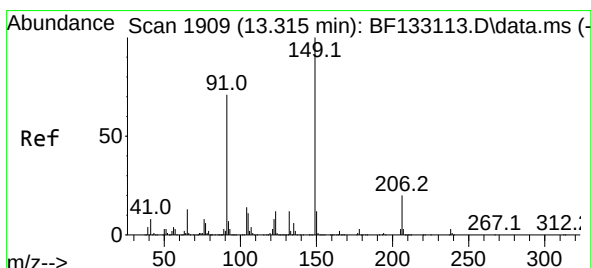
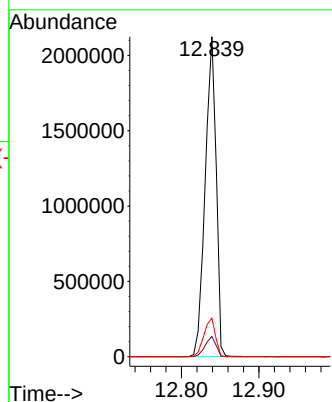
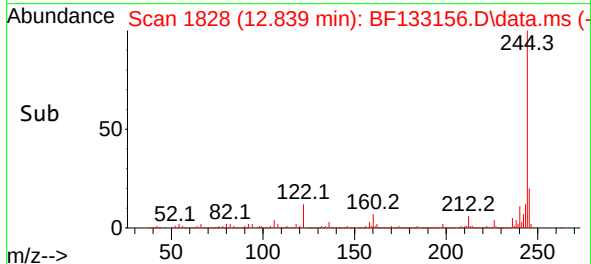


Tgt Ion:244 Resp: 208488  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.1 7.7  
 122 12.1 8.6 13.0

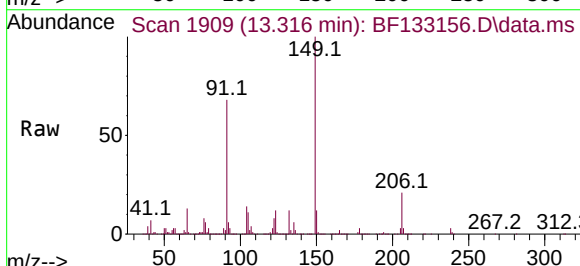
Manual Integrations

APPROVED

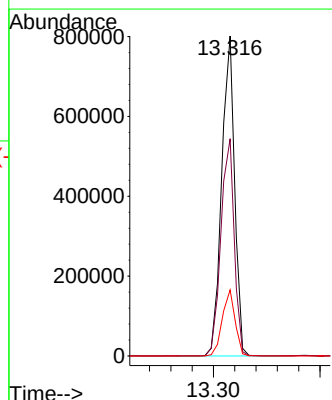
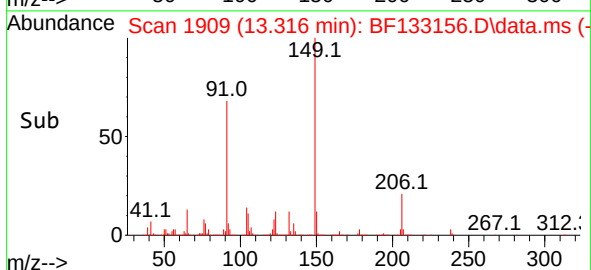
Reviewed By :Christian Giraldo 05/02/2023  
 Supervised By :Jagrut Upadhyay 05/02/2023

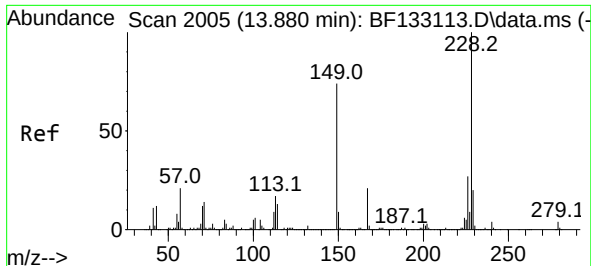


#80  
 Butylbenzylphthalate  
 Concen: 47.117 ng  
 RT: 13.316 min Scan# 1909  
 Delta R.T. 0.000 min  
 Lab File: BF133156.D  
 Acq: 01 May 2023 15:25



Tgt Ion:149 Resp: 672994  
 Ion Ratio Lower Upper  
 149 100  
 91 67.9 53.8 80.6  
 206 20.6 17.5 26.3





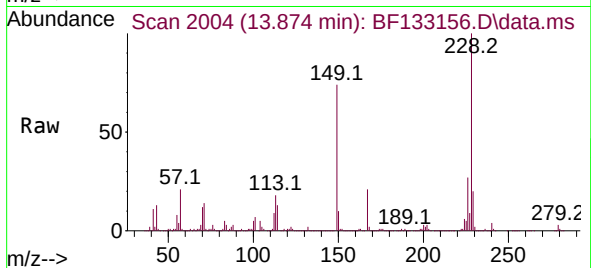
#81  
Benzo(a)anthracene  
Concen: 37.410 ng  
RT: 13.874 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

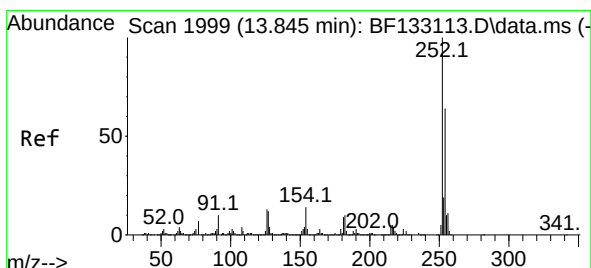
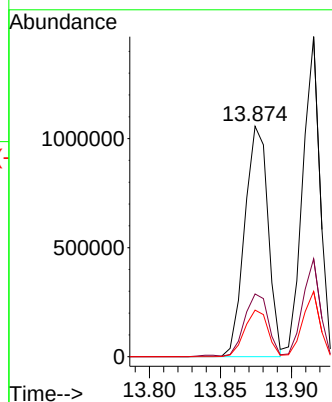
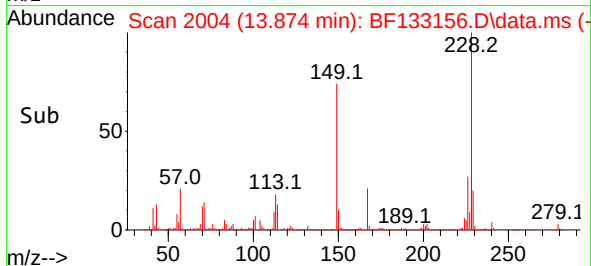


Tgt Ion:228 Resp: 1210624  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.2 33.4  
229 20.2 16.0 24.0

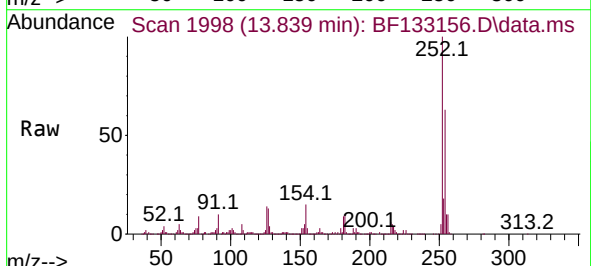
Manual Integrations

APPROVED

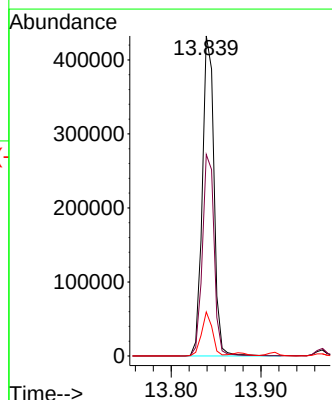
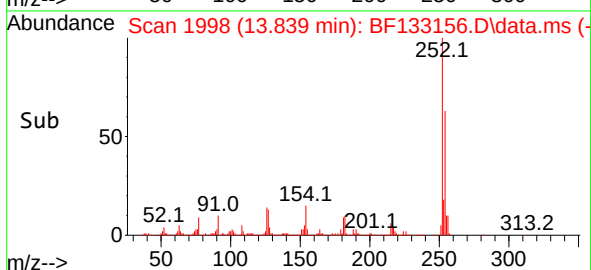
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

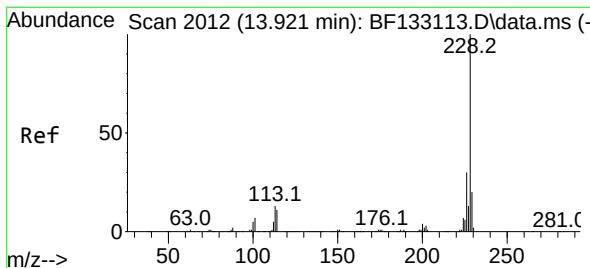


#82  
3,3'-Dichlorobenzidine  
Concen: 43.589 ng  
RT: 13.839 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:252 Resp: 389671  
Ion Ratio Lower Upper  
252 100  
254 63.0 51.5 77.3  
126 13.7 9.5 14.3





#83

Chrysene

Concen: 38.324 ng

RT: 13.916 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 123987

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

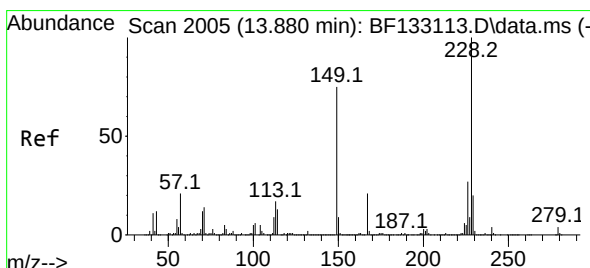
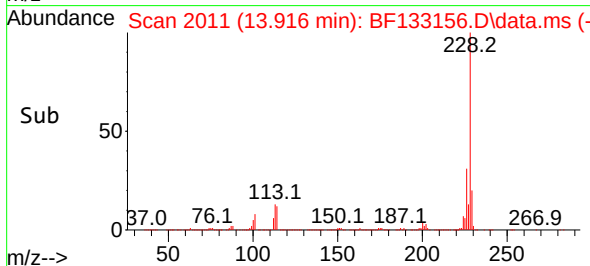
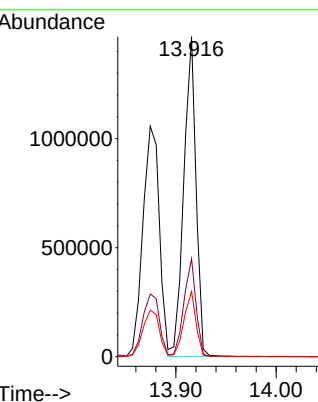
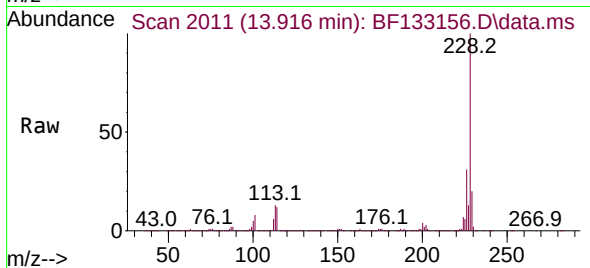
229 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.580 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

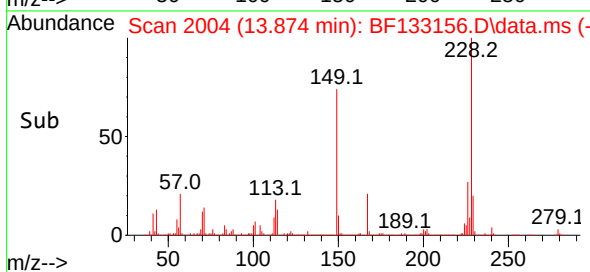
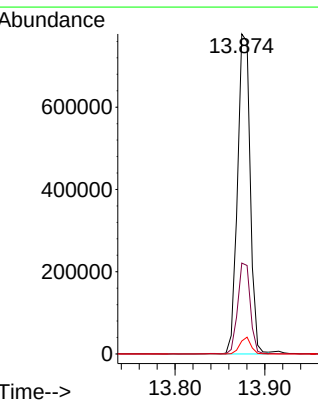
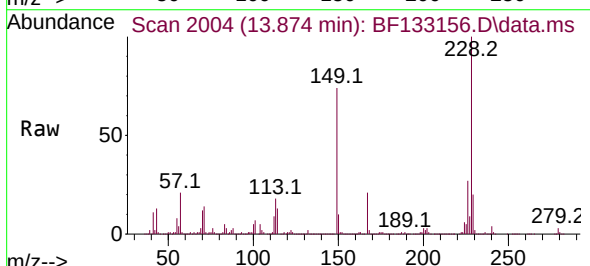
Tgt Ion:149 Resp: 763381

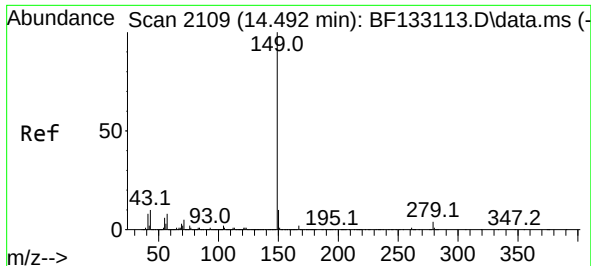
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

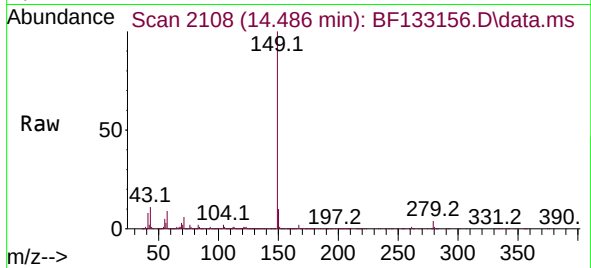
279 4.0 4.2 6.4#





#85  
Di-n-octyl phthalate  
Concen: 41.894 ng  
RT: 14.486 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

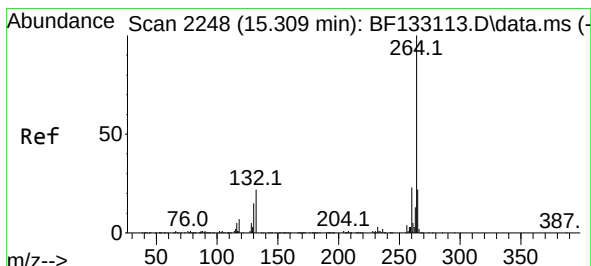
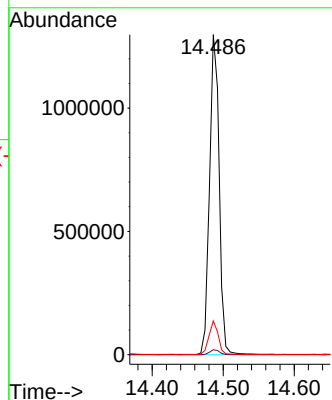
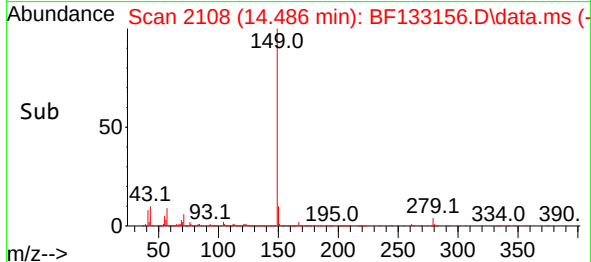
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



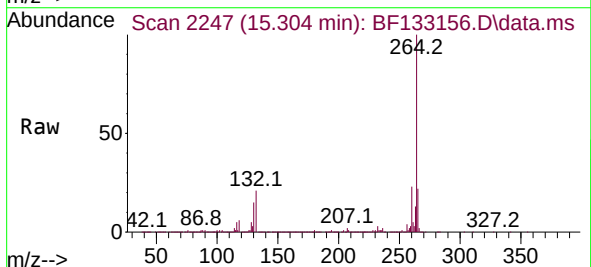
Tgt Ion:149 Resp: 1224688  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 10.0 9.5 14.3

Manual Integrations  
APPROVED

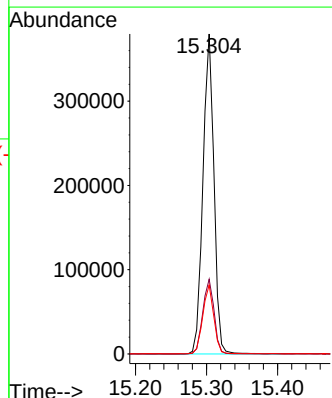
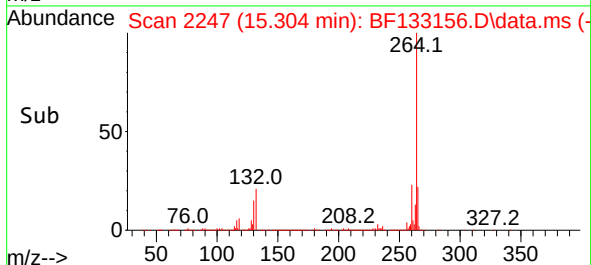
Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

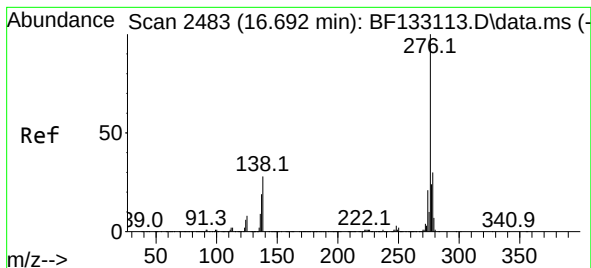


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.304 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25



Tgt Ion:264 Resp: 409938  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.8 28.2  
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.127 ng

RT: 16.686 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

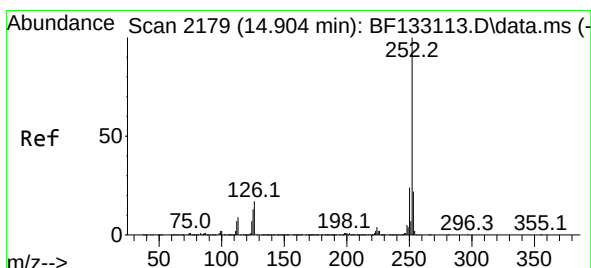
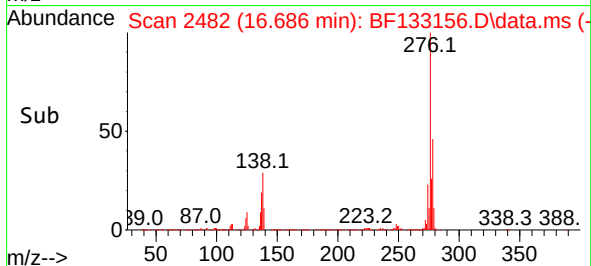
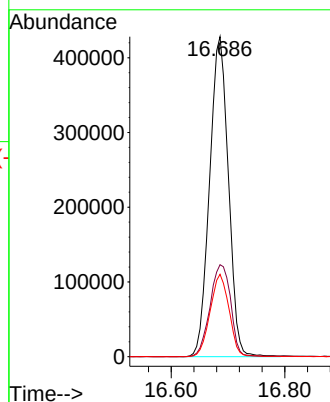
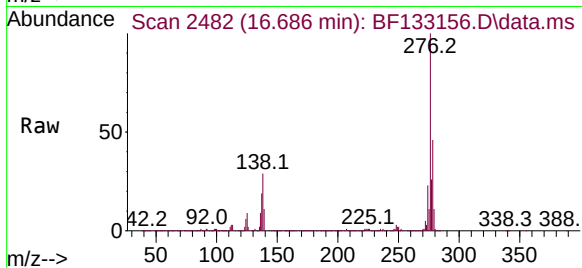
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 98232 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 31.6  | 25.5  | 38.3  |
| 277       | 25.9  | 20.4  | 30.6  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#88

Benzo(b)fluoranthene

Concen: 39.382 ng

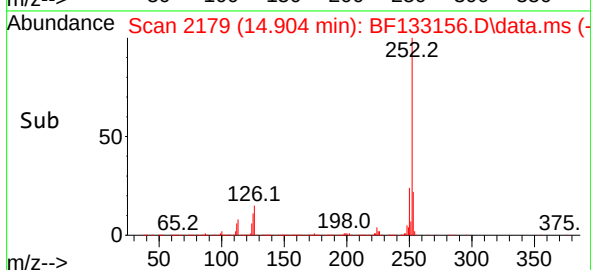
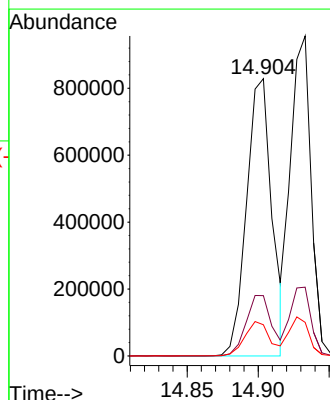
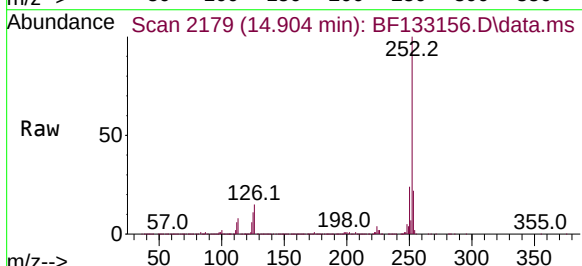
RT: 14.904 min Scan# 2179

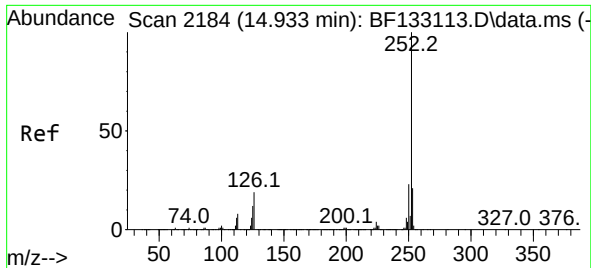
Delta R.T. 0.000 min

Lab File: BF133156.D

Acq: 01 May 2023 15:25

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1027070 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 21.8  | 17.6  | 26.4    |
| 125       | 11.3  | 8.9   | 13.3    |





#89  
Benzo(k)fluoranthene  
Concen: 37.497 ng  
RT: 14.933 min Scan# 2184  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Instrument :

BNA\_F

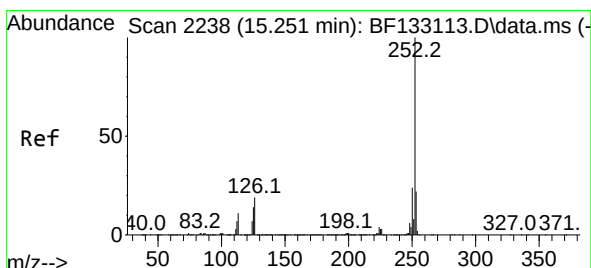
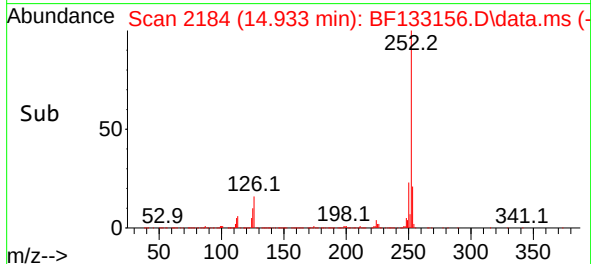
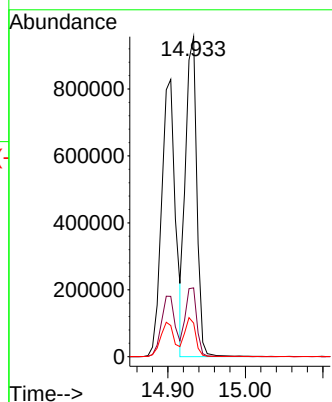
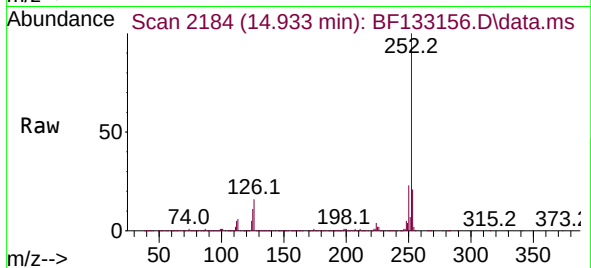
ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 969400  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.7 26.5  
125 10.5 9.0 13.4

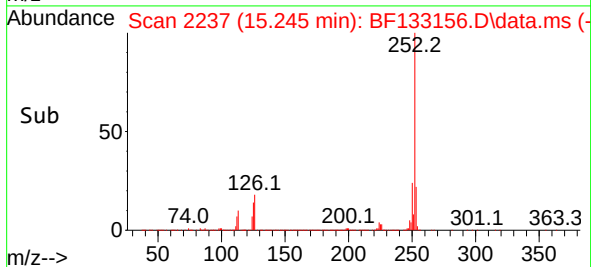
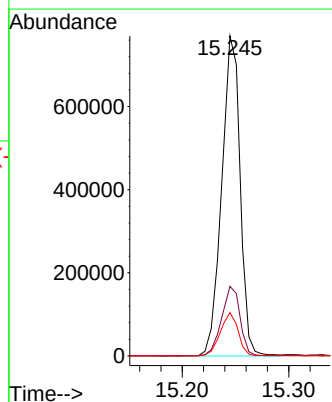
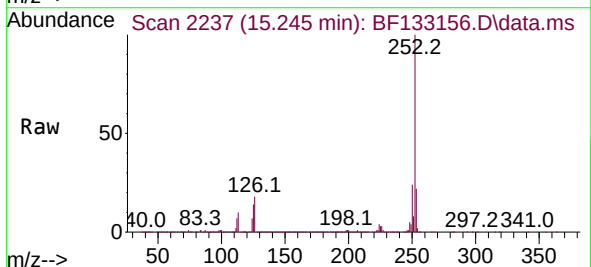
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023

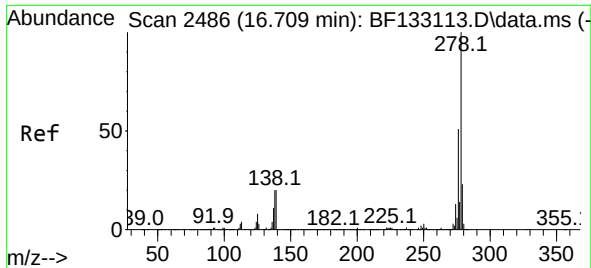


#90  
Benzo(a)pyrene  
Concen: 38.798 ng  
RT: 15.245 min Scan# 2237  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion:252 Resp: 920981  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.7 26.5  
125 13.6 10.5 15.7

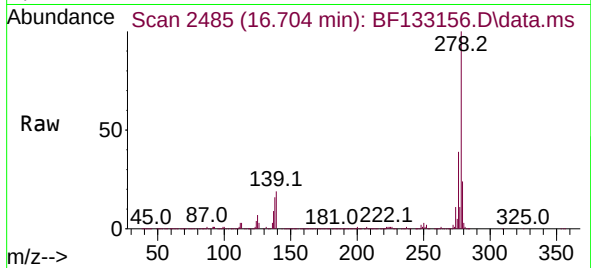






#91  
Dibenzo(a,h)anthracene  
Concen: 42.091 ng  
RT: 16.704 min Scan# 2486  
Delta R.T. 0.000 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

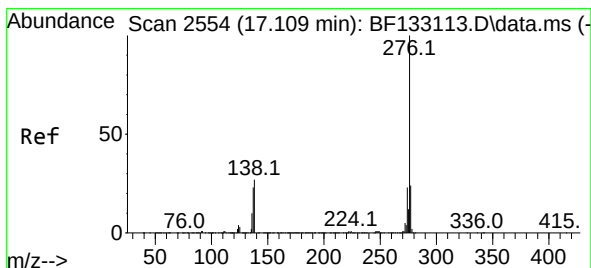
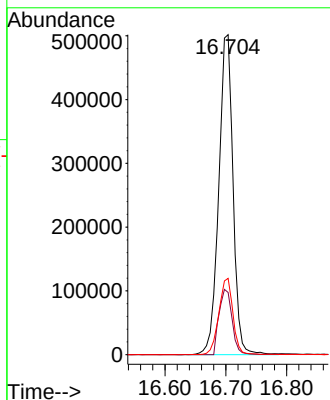
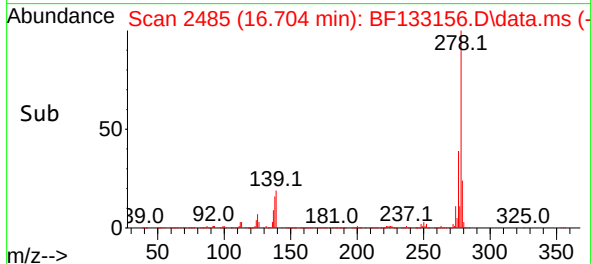
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 278 Resp: 81861  
Ion Ratio Lower Upper  
278 100  
139 19.5 16.6 24.8  
279 23.9 18.8 28.2

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 05/02/2023  
Supervised By : Jagrut Upadhyay 05/02/2023



#92  
Benzo(g,h,i)perylene  
Concen: 43.479 ng  
RT: 17.098 min Scan# 2552  
Delta R.T. -0.006 min  
Lab File: BF133156.D  
Acq: 01 May 2023 15:25

Tgt Ion: 276 Resp: 834830  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.4 29.0  
138 27.4 22.7 34.1

