

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051723\  
 Data File : BF133409.D  
 Acq On : 17 May 2023 13:03  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/18/2023  
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 17 18:41:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 16 14:39:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.716  | 152  | 258382   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.004  | 136  | 1000096  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.757  | 164  | 508944   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.239 | 188  | 892106   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.880 | 240  | 533899   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.298 | 264  | 515978   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.322  | 112  | 1293210  | 75.607 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.369  | 99   | 1549217  | 72.972 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.287  | 82   | 1392626  | 75.162 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.545 | 330  | 383864   | 74.997 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.081  | 172  | 2299178  | 75.579 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.827 | 244  | 2374966  | 76.719 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.363  | 88   | 294131   | 37.074 | ng    | 95       |
| 3) Pyridine                   | 3.058  | 79   | 803095   | 38.112 | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.028  | 42   | 359909   | 32.975 | ng    | 92       |
| 6) Aniline                    | 6.381  | 93   | 973975   | 35.619 | ng    | # 41     |
| 8) 2-Chlorophenol             | 6.504  | 128  | 659223   | 37.959 | ng    | 97       |
| 9) Benzaldehyde               | 6.263  | 77   | 393029   | 40.200 | ng    | 99       |
| 10) Phenol                    | 6.381  | 94   | 803264   | 34.297 | ng    | # 66     |
| 11) bis(2-Chloroethyl)ether   | 6.457  | 93   | 653501   | 37.183 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.657  | 146  | 708055   | 38.348 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.734  | 146  | 713414   | 38.553 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.887  | 146  | 655799   | 38.440 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.869  | 79   | 515965   | 35.183 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.998  | 45   | 998591   | 32.713 | ng    | 87       |
| 17) 2-Methylphenol            | 6.987  | 107  | 591530   | 37.198 | ng    | 96       |
| 18) Hexachloroethane          | 7.228  | 117  | 246286   | 38.282 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.140  | 70   | 428871   | 32.449 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.140  | 107  | 715942   | 38.229 | ng    | # 82     |
| 22) Acetophenone              | 7.134  | 105  | 891314   | 38.474 | ng    | 95       |
| 24) Nitrobenzene              | 7.304  | 77   | 706292   | 37.618 | ng    | 99       |
| 25) Isophorone                | 7.545  | 82   | 1302705  | 37.031 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.622  | 139  | 389025   | 42.959 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.669  | 122  | 599792   | 38.626 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.757  | 93   | 778111   | 37.389 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.869  | 162  | 560417   | 39.645 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.945  | 180  | 582569   | 39.780 | ng    | 100      |
| 31) Naphthalene               | 8.028  | 128  | 1922902  | 38.457 | ng    | 99       |
| 32) Benzoic acid              | 7.804  | 122  | 337531m  | 35.190 | ng    |          |
| 33) 4-Chloroaniline           | 8.081  | 127  | 829583   | 41.063 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.145  | 225  | 320160   | 39.444 | ng    | 99       |
| 35) Caprolactam               | 8.457  | 113  | 192081m  | 40.448 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.569  | 107  | 589353   | 38.662 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.716  | 142  | 1289206  | 37.713 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.816  | 142  | 1223692  | 38.265 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.887  | 216  | 526984   | 38.511 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.869  | 237  | 315004   | 39.471 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 8.998  | 196  | 363917   | 38.455 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051723\  
 Data File : BF133409.D  
 Acq On : 17 May 2023 13:03  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By : Christian Giraldo 05/18/2023  
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 17 18:41:56 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 16 14:39:29 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.045  | 196  | 420134   | 38.387 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.181  | 154  | 1515728  | 37.558 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.204  | 162  | 1137295  | 38.502 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.304  | 65   | 364616   | 37.349 | ng    | 99       |
| 49) Acenaphthylene            | 9.616  | 152  | 1770358  | 37.509 | ng    | 99       |
| 50) Dimethylphthalate         | 9.486  | 163  | 1387691  | 39.103 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.545  | 165  | 314582   | 39.385 | ng    | 96       |
| 52) Acenaphthene              | 9.792  | 154  | 1183267m | 37.432 | ng    |          |
| 53) 3-Nitroaniline            | 9.716  | 138  | 382130   | 40.236 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.828  | 184  | 149260   | 37.177 | ng    | 92       |
| 55) Dibenzofuran              | 9.963  | 168  | 1583648  | 36.726 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.892  | 139  | 272444   | 37.038 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 9.951  | 165  | 400579   | 39.326 | ng    | # 95     |
| 58) Fluorene                  | 10.304 | 166  | 1202316  | 38.058 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.086 | 232  | 320317   | 37.751 | ng    | 97       |
| 60) Diethylphthalate          | 10.181 | 149  | 1283291  | 38.284 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.298 | 204  | 587812   | 38.181 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.334 | 138  | 364930   | 41.808 | ng    | 96       |
| 63) Azobenzene                | 10.457 | 77   | 1266634  | 35.670 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.363 | 198  | 226020   | 41.799 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 10.422 | 169  | 1085889  | 37.525 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.786 | 248  | 367951   | 38.030 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.857 | 284  | 382697   | 38.601 | ng    | 99       |
| 69) Atrazine                  | 10.945 | 200  | 331366   | 39.741 | ng    | 98       |
| 70) Pentachlorophenol         | 11.051 | 266  | 273707   | 38.764 | ng    | 97       |
| 71) Phenanthrene              | 11.263 | 178  | 1776729  | 37.055 | ng    | 98       |
| 72) Anthracene                | 11.316 | 178  | 1847521  | 37.651 | ng    | 99       |
| 73) Carbazole                 | 11.475 | 167  | 1644020  | 37.627 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.804 | 149  | 1989736  | 40.241 | ng    | 99       |
| 75) Fluoranthene              | 12.451 | 202  | 1779408  | 36.978 | ng    | 99       |
| 77) Benzidine                 | 12.575 | 184  | 460380   | 50.992 | ng    | # 94     |
| 78) Pyrene                    | 12.680 | 202  | 1802069  | 39.374 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.298 | 149  | 768231   | 47.407 | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.869 | 228  | 1330778  | 36.247 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.833 | 252  | 407231   | 40.151 | ng    | 100      |
| 83) Chrysene                  | 13.904 | 228  | 1332919  | 36.314 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.863 | 149  | 899794   | 44.237 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.474 | 149  | 1403894  | 42.329 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.686 | 276  | 1214110  | 41.367 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.898 | 252  | 1143282  | 34.829 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 14.921 | 252  | 1060904  | 32.603 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.245 | 252  | 1043063  | 34.910 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.698 | 278  | 1007131  | 41.142 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.104 | 276  | 1034224  | 42.794 | ng    | 97       |

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

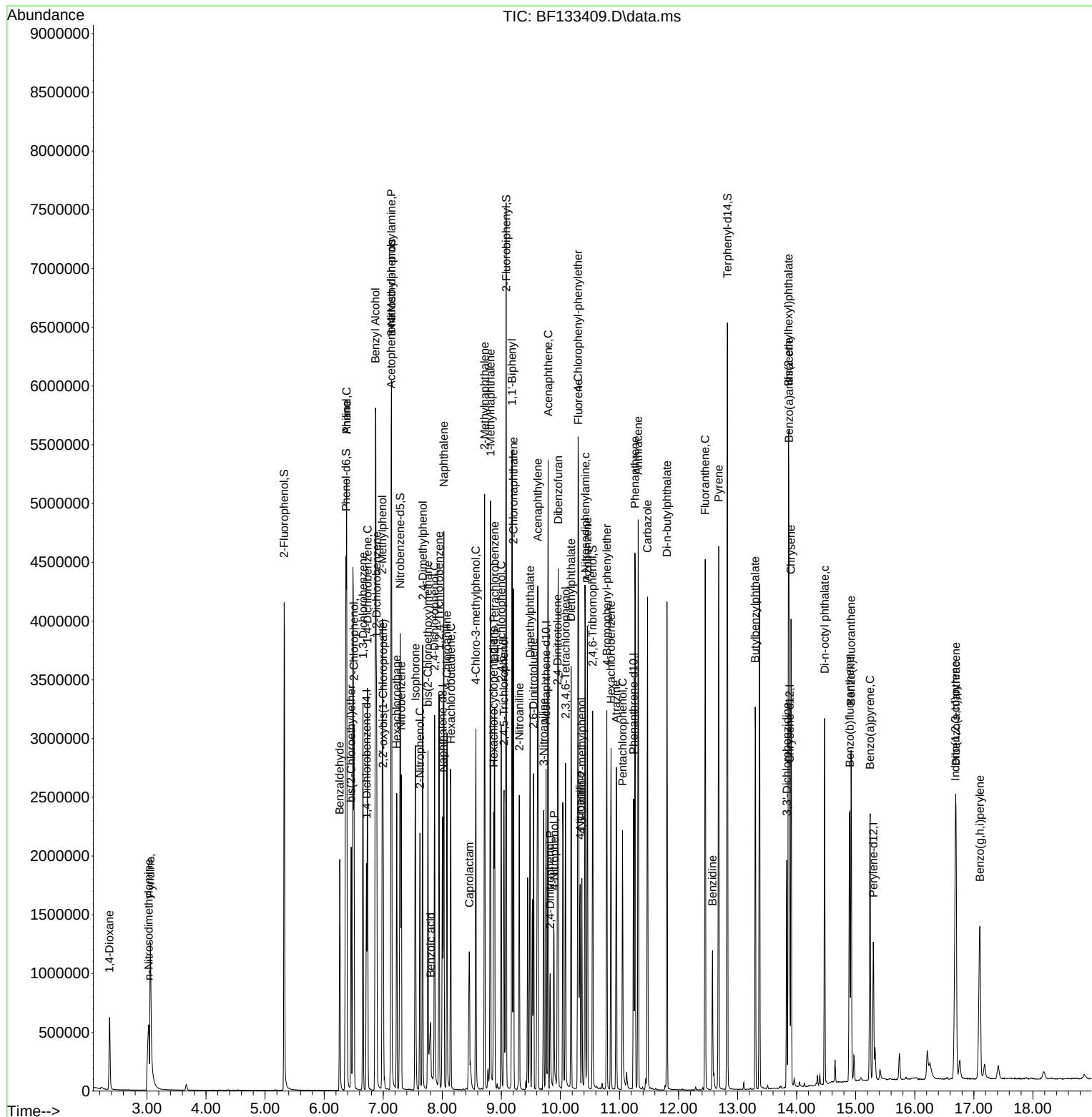
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051723\  
 Data File : BF133409.D  
 Acq On : 17 May 2023 13:03  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

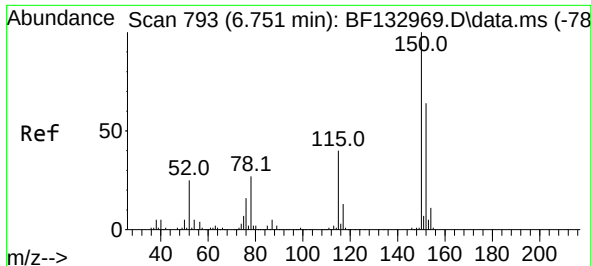
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/18/2023  
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 17 18:41:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 16 14:39:29 2023  
 Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.716 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

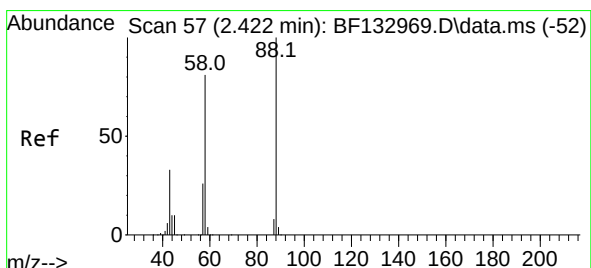
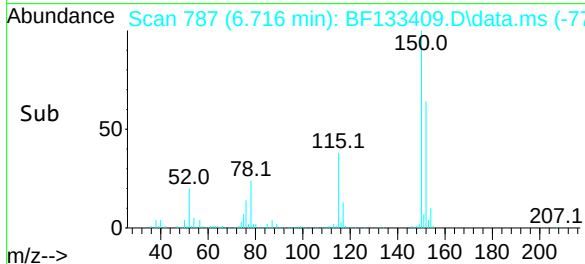
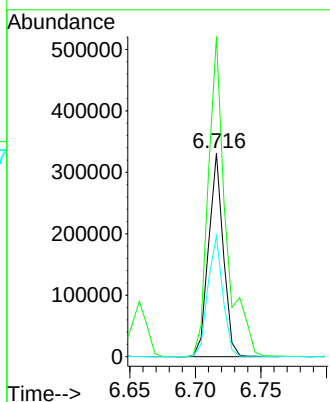
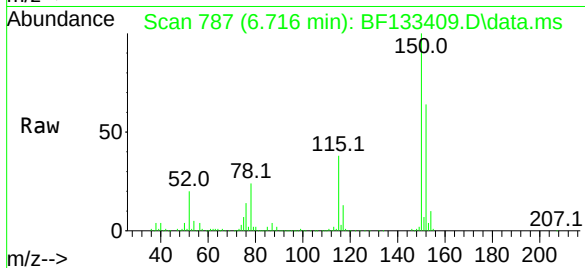
SSTDCCC040

Tgt Ion:152 Resp: 25838  
Ion Ratio Lower Upper  
152 100  
150 157.1 124.8 187.2  
115 59.4 49.9 74.9

Manual Integrations

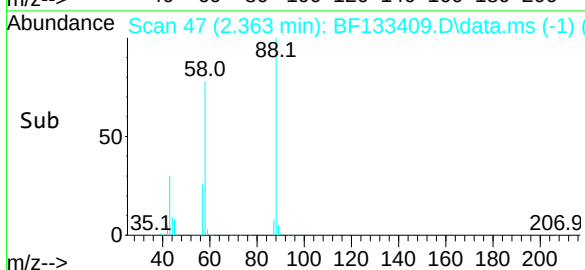
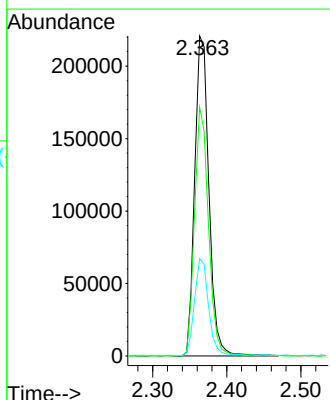
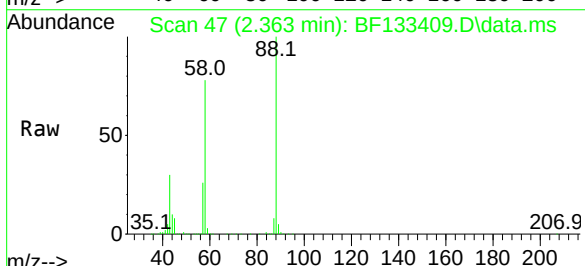
APPROVED

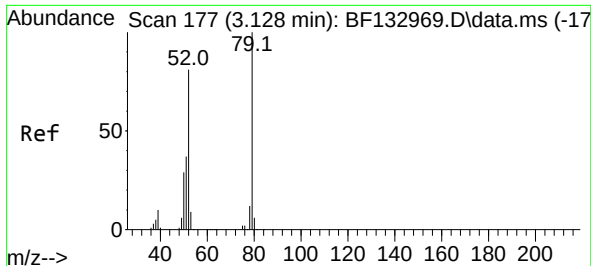
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#2  
1,4-Dioxane  
Concen: 37.074 ng  
RT: 2.363 min Scan# 47  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion: 88 Resp: 294131  
Ion Ratio Lower Upper  
88 100  
58 76.6 64.7 97.1  
43 29.8 26.2 39.2





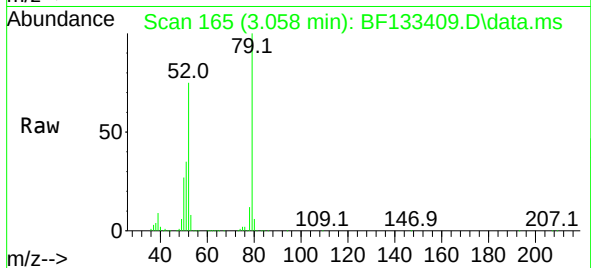
#3  
Pyridine  
Concen: 38.112 ng  
RT: 3.058 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

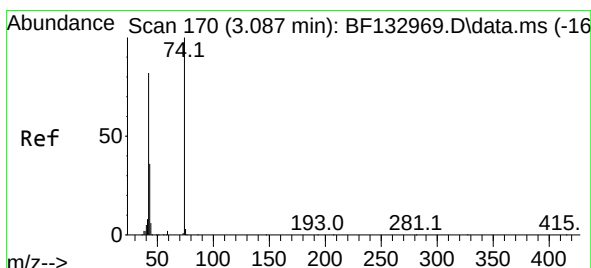
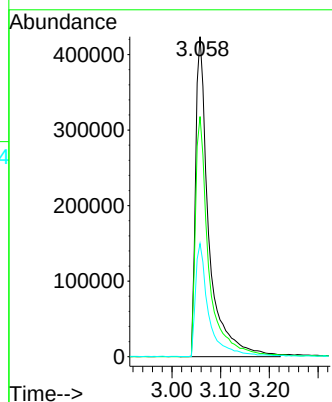
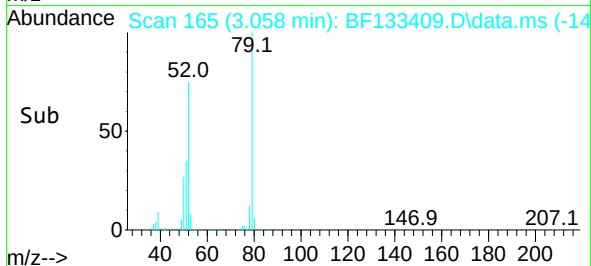


Tgt Ion: 79 Resp: 80309  
Ion Ratio Lower Upper  
79 100  
52 75.0 64.6 96.8  
51 35.3 30.0 45.0

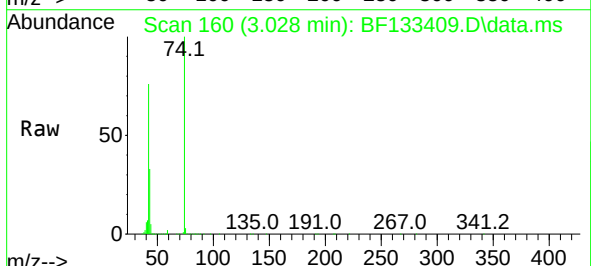
Manual Integrations

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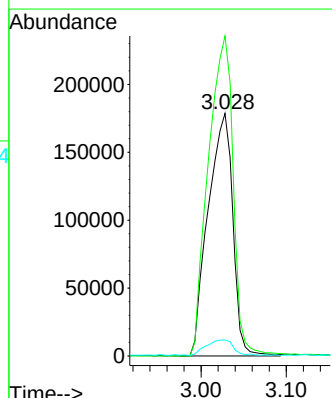
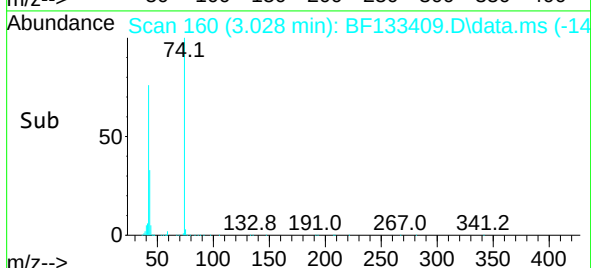
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

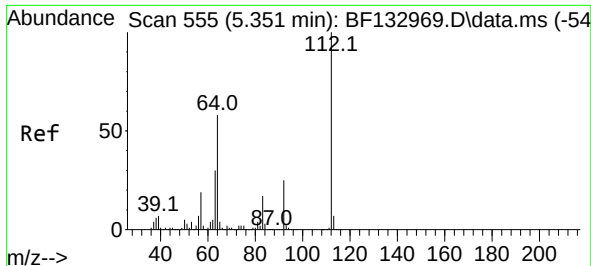


#4  
n-Nitrosodimethylamine  
Concen: 32.975 ng  
RT: 3.028 min Scan# 160  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion: 42 Resp: 359909  
Ion Ratio Lower Upper  
42 100  
74 132.0 98.0 147.0  
44 6.6 5.8 8.8





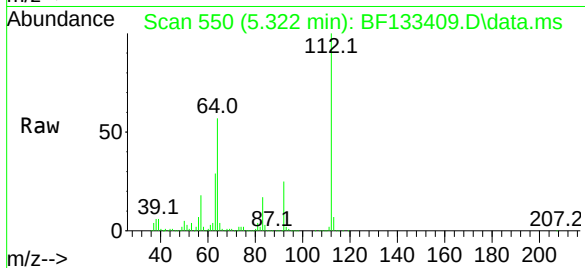
#5  
2-Fluorophenol  
Concen: 75.607 ng  
RT: 5.322 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

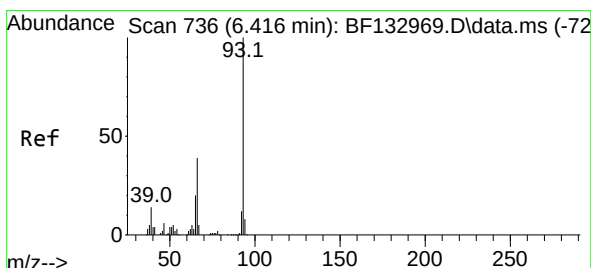
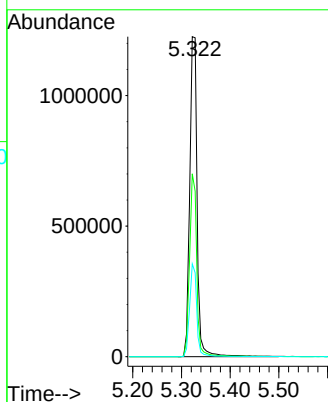
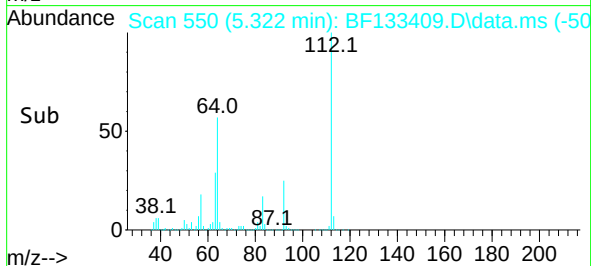


Tgt Ion:112 Resp: 1293210  
Ion Ratio Lower Upper  
112 100  
64 57.1 46.8 70.2  
63 29.0 23.8 35.8

Manual Integrations

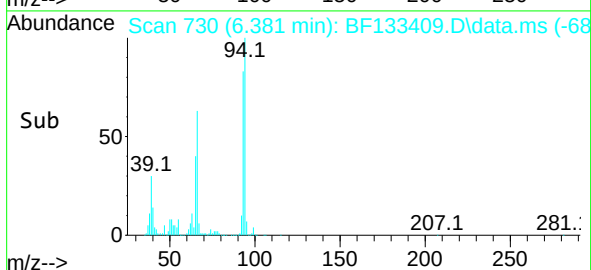
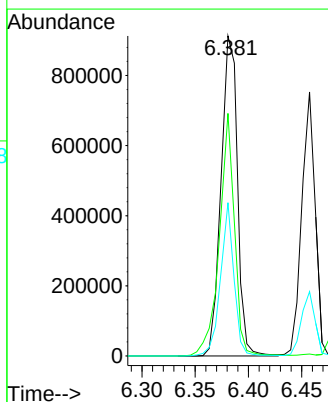
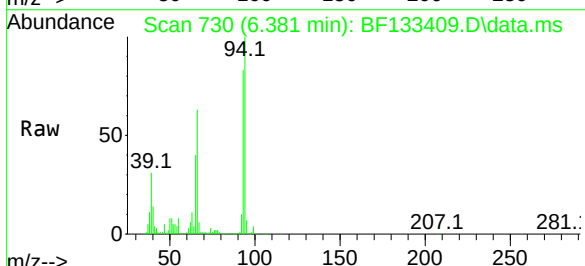
APPROVED

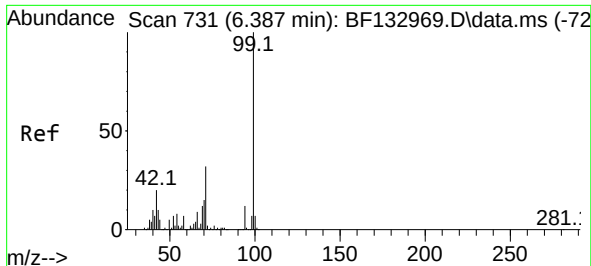
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#6  
Aniline  
Concen: 35.619 ng  
RT: 6.381 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion: 93 Resp: 973975  
Ion Ratio Lower Upper  
93 100  
66 75.8 31.5 47.3#  
65 47.9 16.4 24.6#





#7

Phenol-d6

Concen: 72.972 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 154921

Ion Ratio Lower Upper

99 100

42 17.8 16.3 24.5

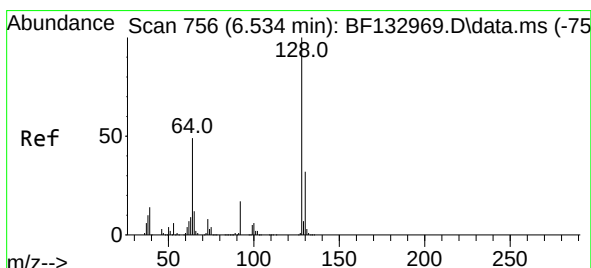
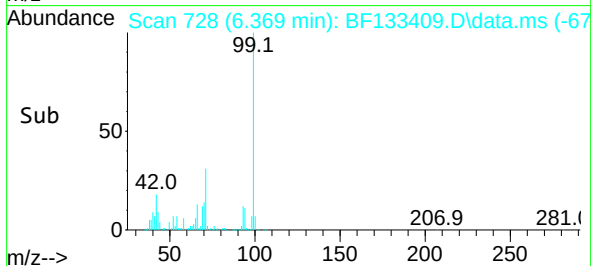
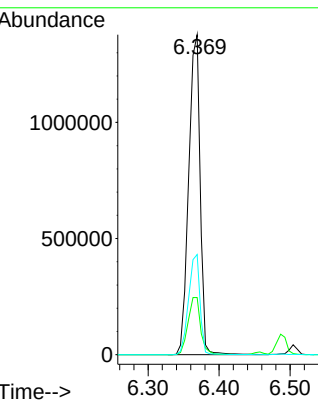
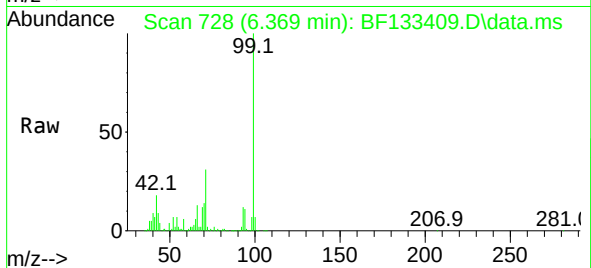
71 31.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#8

2-Chlorophenol

Concen: 37.959 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

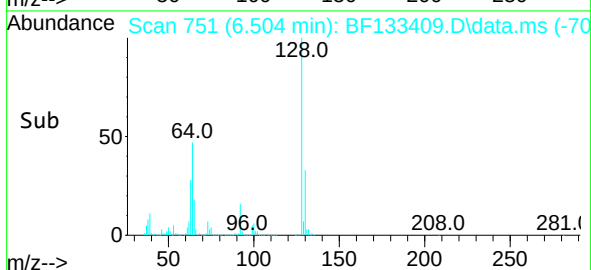
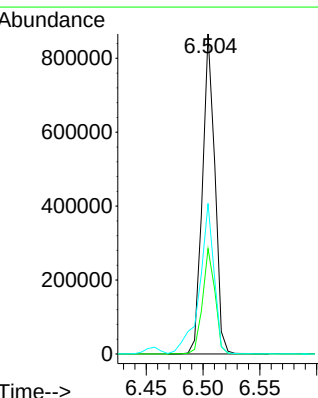
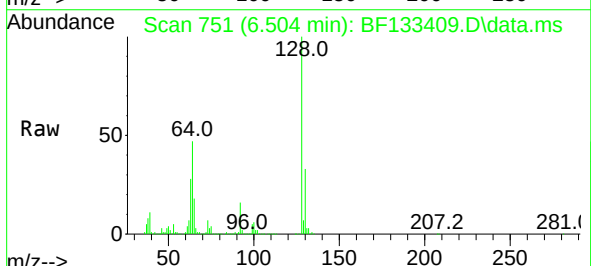
Tgt Ion:128 Resp: 659223

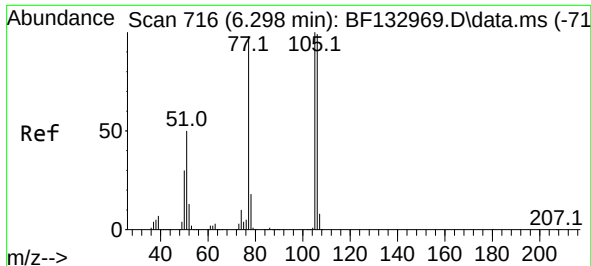
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

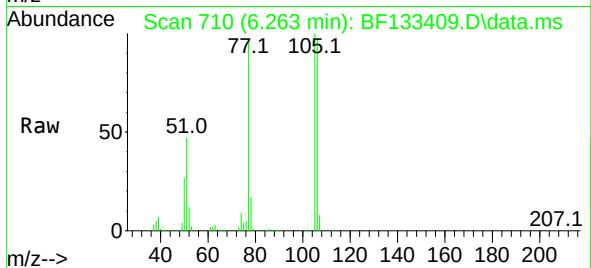
64 47.1 30.3 70.3





#9  
Benzaldehyde  
Concen: 40.200 ng  
RT: 6.263 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

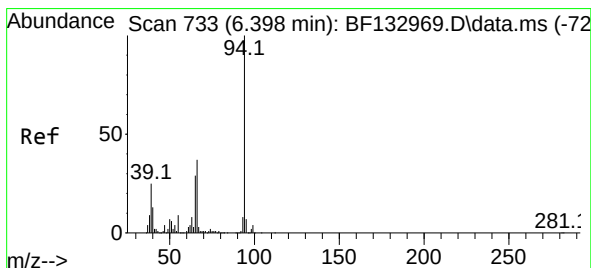
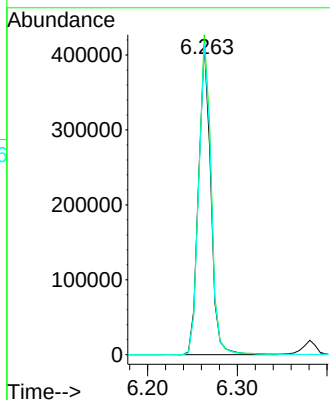
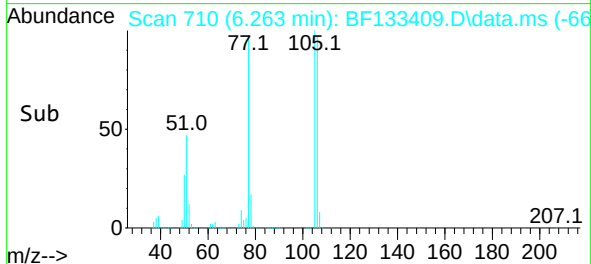
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 393029  
Ion Ratio Lower Upper  
77 100  
105 103.4 82.3 122.3  
106 100.6 80.8 120.8

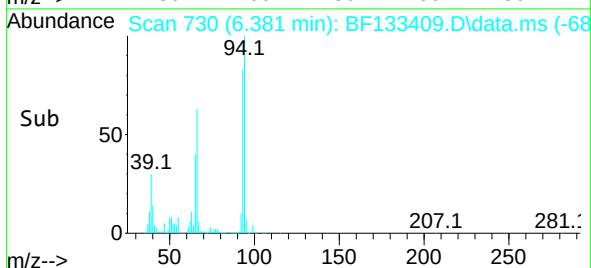
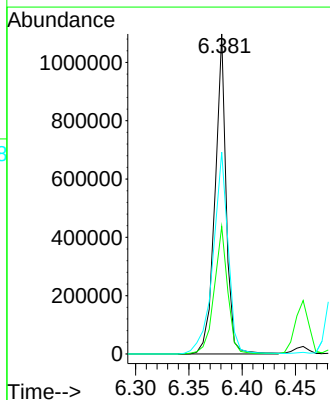
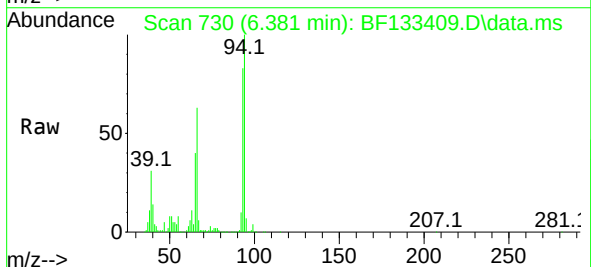
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

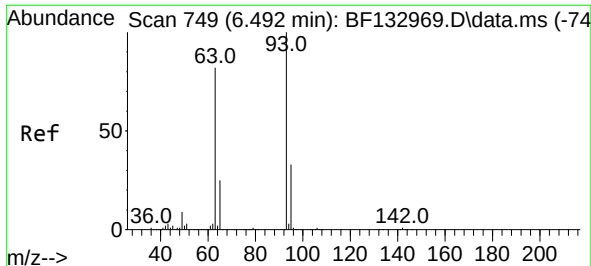


#10  
Phenol  
Concen: 34.297 ng  
RT: 6.381 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion: 94 Resp: 803264  
Ion Ratio Lower Upper  
94 100  
65 39.8 8.6 48.6  
66 63.0 17.3 57.3#







#11

bis(2-Chloroethyl)ether

Concen: 37.183 ng

RT: 6.457 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 65350

Ion Ratio Lower Upper

93 100

63 76.9 60.6 100.6

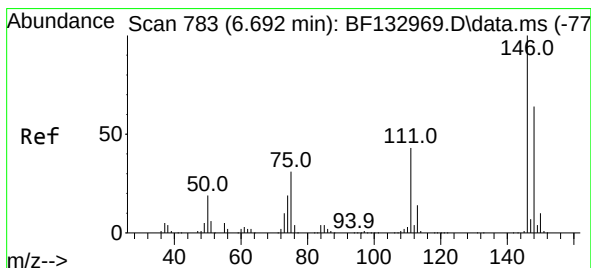
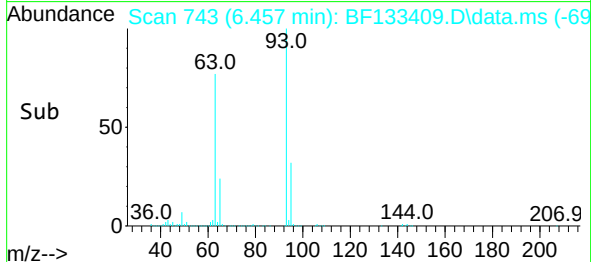
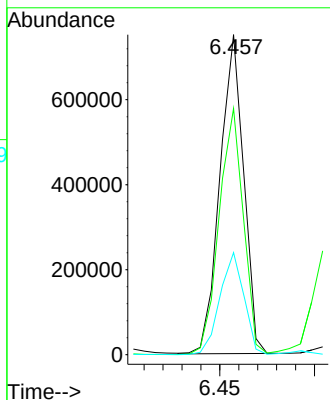
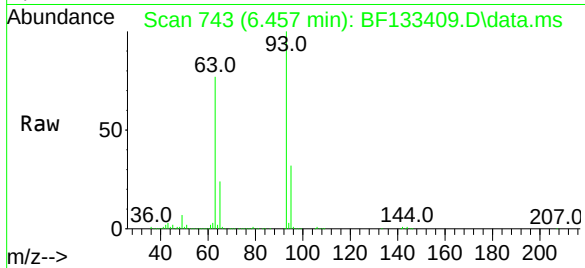
95 31.9 12.9 52.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#12

1,3-Dichlorobenzene

Concen: 38.348 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

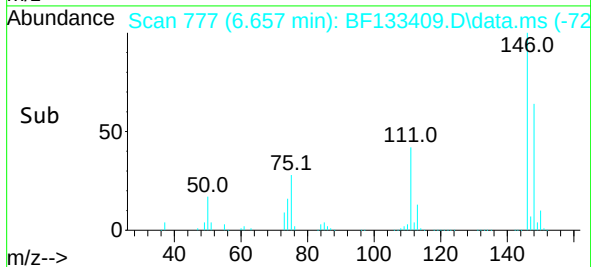
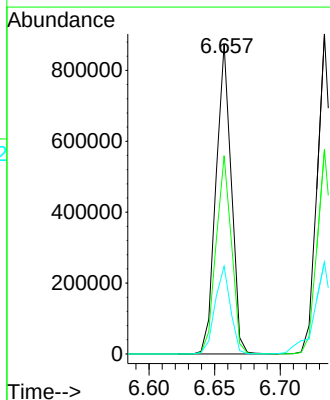
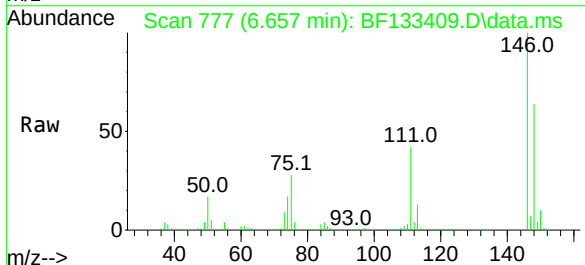
Tgt Ion:146 Resp: 708055

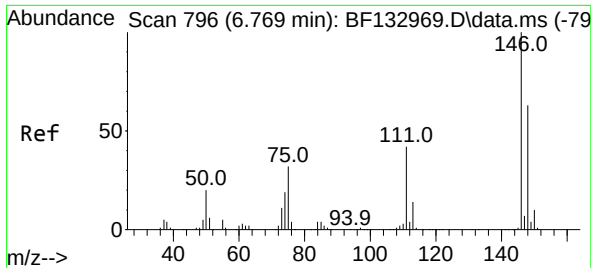
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

75 28.3 24.8 37.2





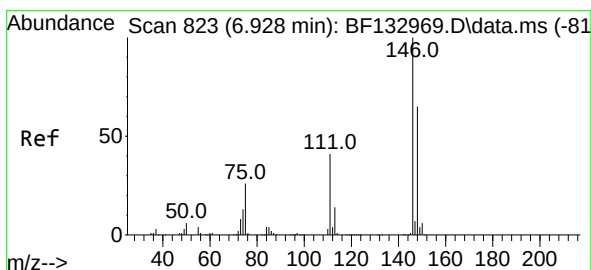
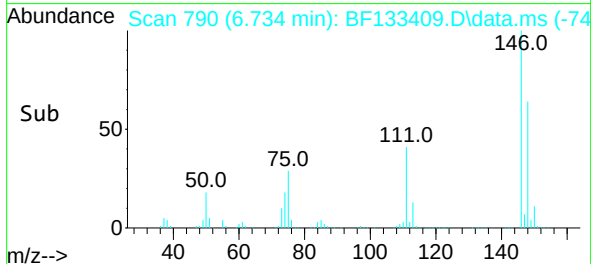
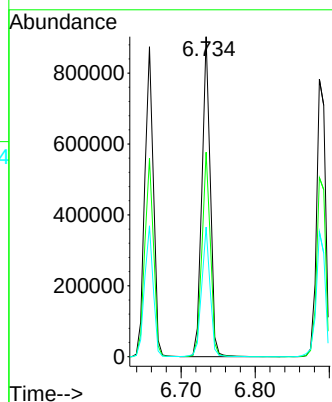
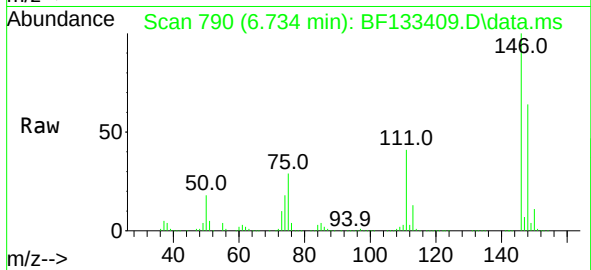
#13  
1,4-Dichlorobenzene  
Concen: 38.553 ng  
RT: 6.734 min Scan# 796  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 713414  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.3 75.5  
111 40.5 33.8 50.6

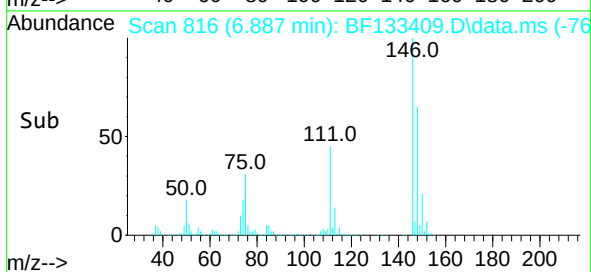
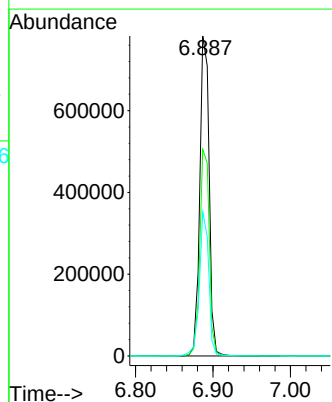
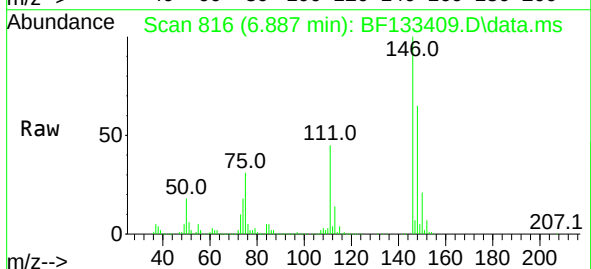
Manual Integrations  
APPROVED

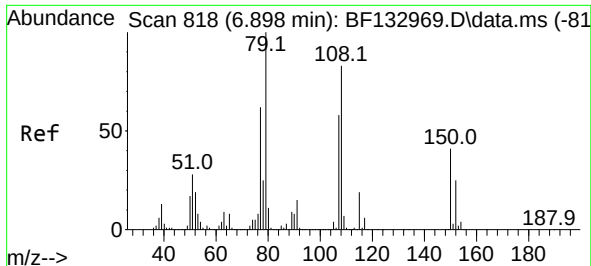
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#14  
1,2-Dichlorobenzene  
Concen: 38.440 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion:146 Resp: 655799  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.2 78.2  
111 45.0 32.8 49.2





#15  
Benzyl Alcohol  
Concen: 35.183 ng  
RT: 6.869 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

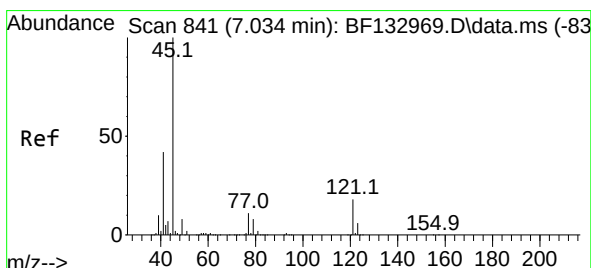
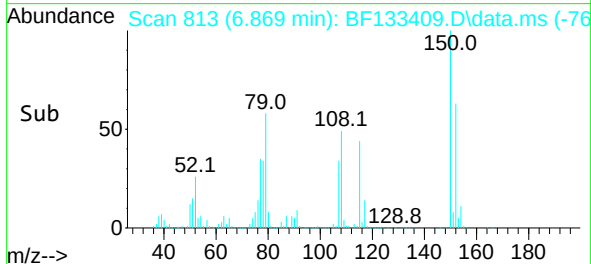
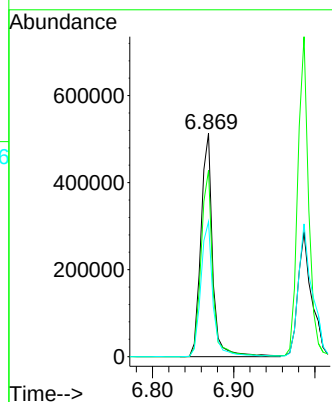
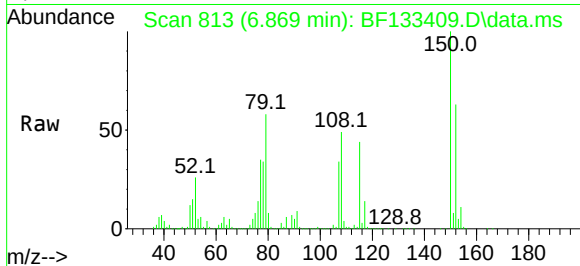
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 51596  
Ion Ratio Lower Upper  
79 100  
108 83.4 66.6 99.8  
77 60.5 49.2 73.8

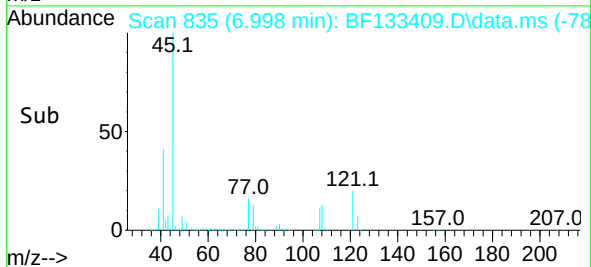
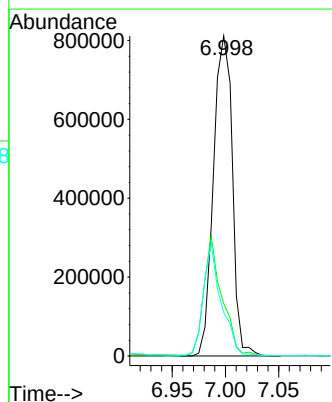
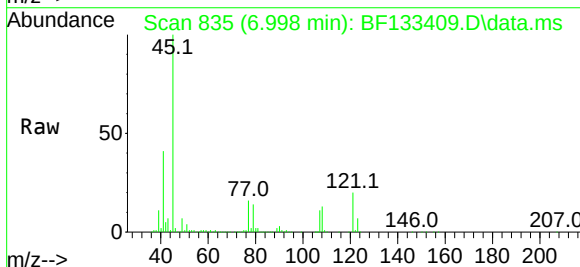
Manual Integrations  
APPROVED

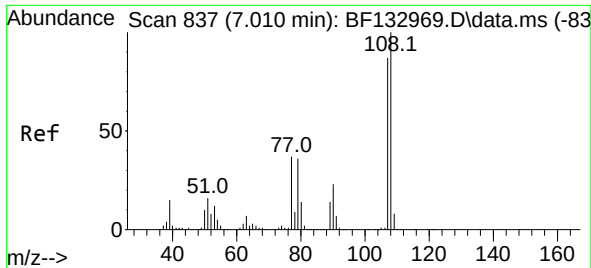
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 32.713 ng  
RT: 6.998 min Scan# 835  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion: 45 Resp: 998591  
Ion Ratio Lower Upper  
45 100  
77 16.4 0.0 31.5  
79 13.6 0.0 28.7





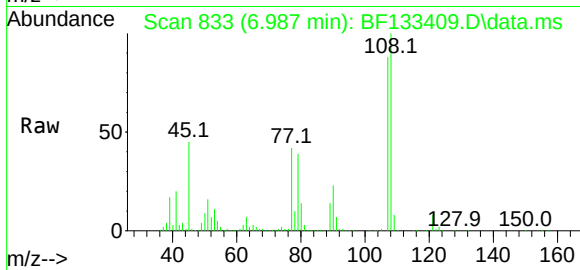
#17  
2-Methylphenol  
Concen: 37.198 ng  
RT: 6.987 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

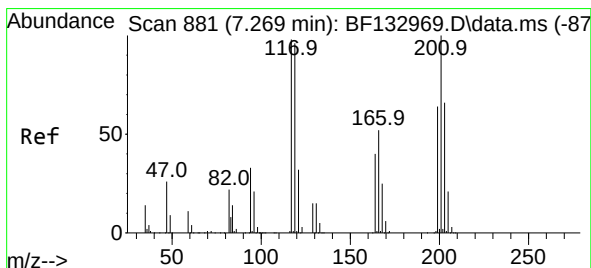
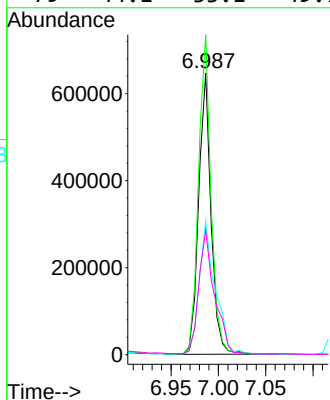
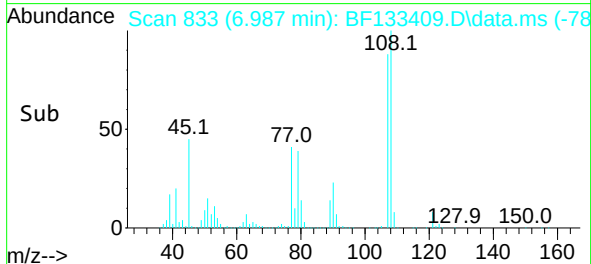


Tgt Ion:107 Resp: 591530  
Ion Ratio Lower Upper  
107 100  
108 113.5 92.4 138.6  
77 47.1 33.8 50.8  
79 44.1 33.1 49.7

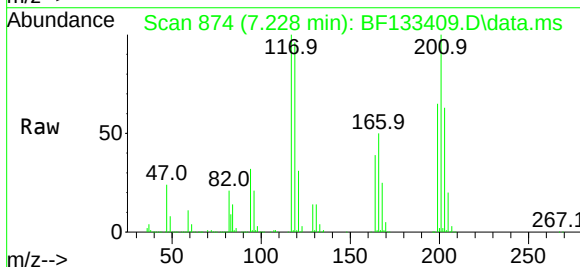
Manual Integrations

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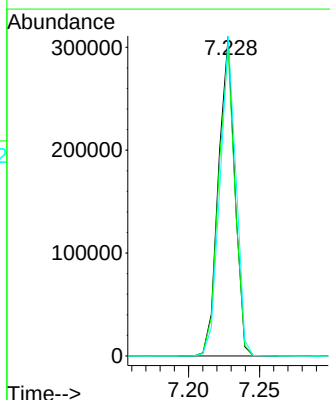
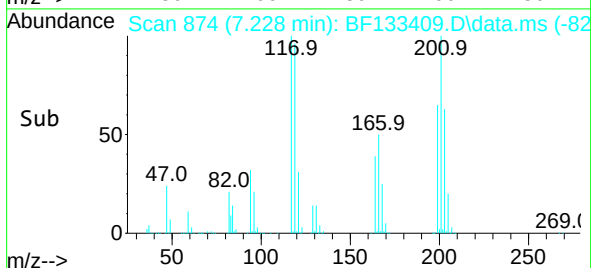
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

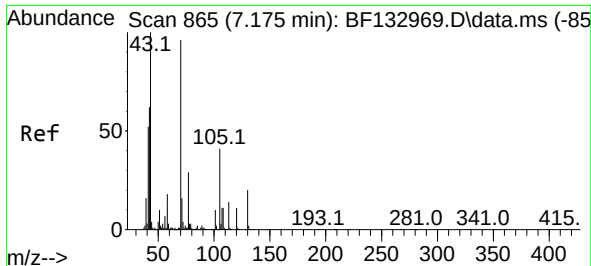


#18  
Hexachloroethane  
Concen: 38.282 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:117 Resp: 246286  
Ion Ratio Lower Upper  
117 100  
119 96.1 78.2 117.4  
201 100.2 81.7 122.5





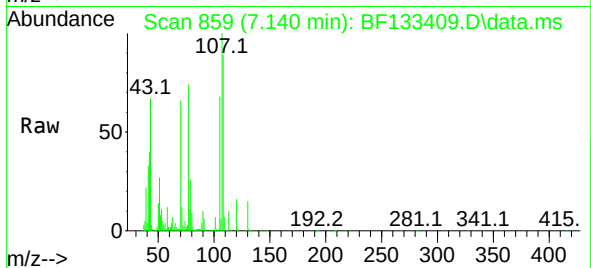
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.449 ng  
RT: 7.140 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

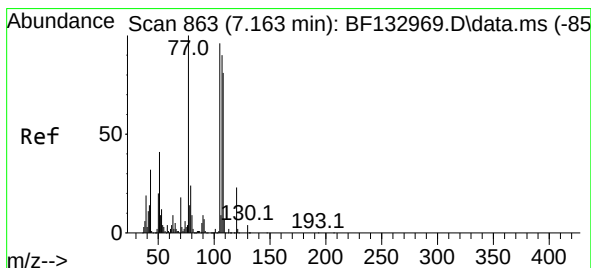
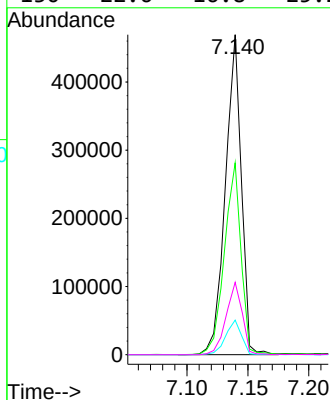
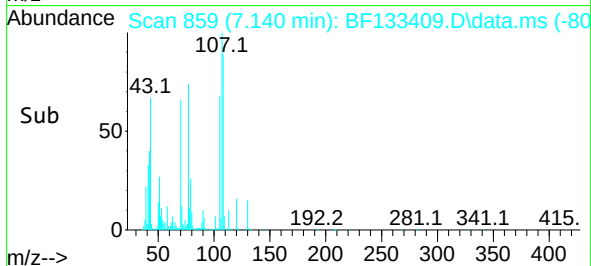
SSTDCCC040



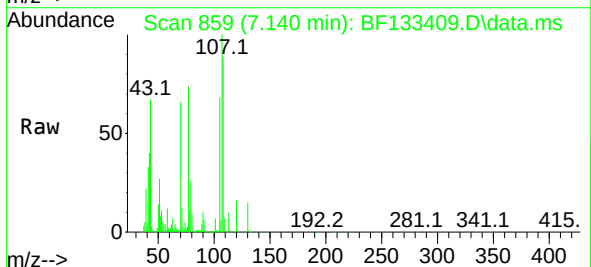
Tgt Ion: 70 Resp: 42887  
Ion Ratio Lower Upper  
70 100  
42 59.9 51.8 77.6  
101 10.8 8.0 12.0  
130 22.6 16.8 25.2

Manual Integrations  
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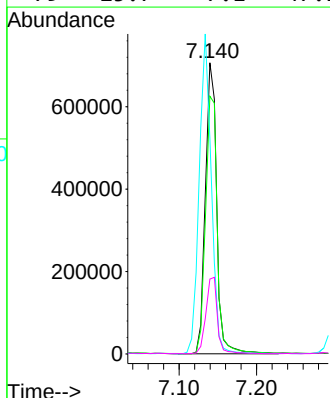
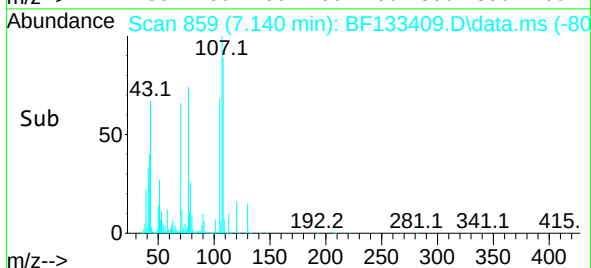
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

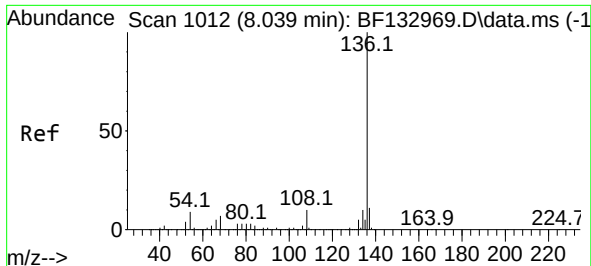


#20  
3+4-Methylphenols  
Concen: 38.229 ng  
RT: 7.140 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:107 Resp: 715942  
Ion Ratio Lower Upper  
107 100  
108 88.5 70.5 110.5  
77 74.0 91.7 131.7#  
79 25.7 7.1 47.1





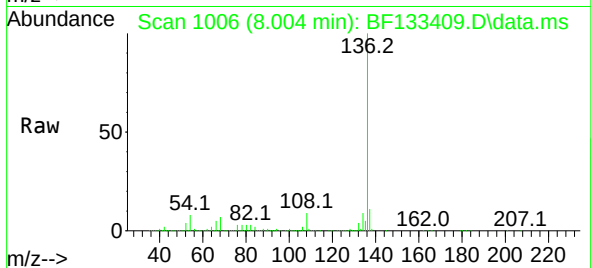
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.004 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

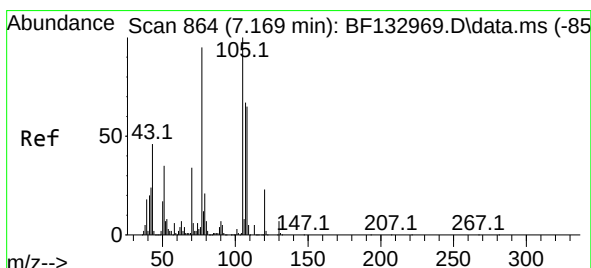
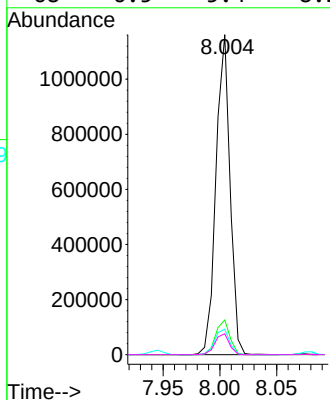
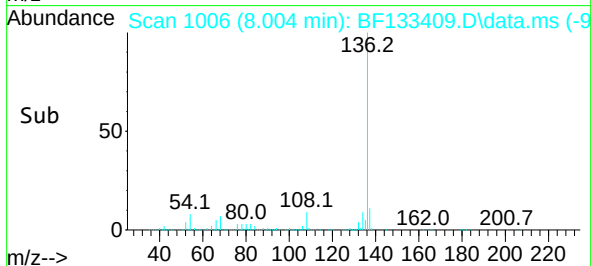


Tgt Ion:136 Resp: 1000090  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.0 7.0 10.4  
68 6.5 5.4 8.2

Manual Integrations

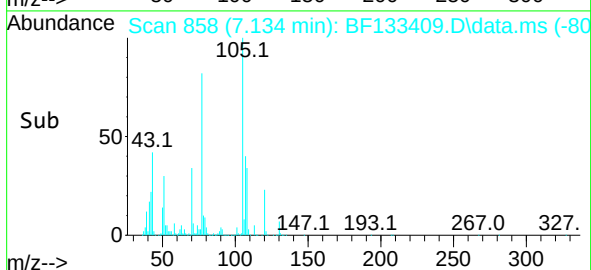
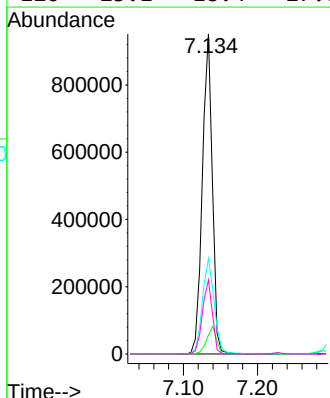
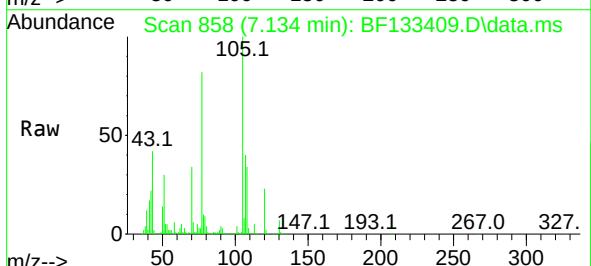
APPROVED

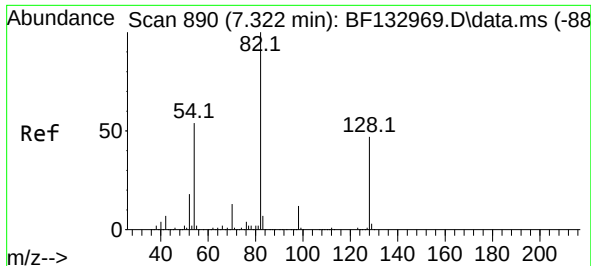
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#22  
Acetophenone  
Concen: 38.474 ng  
RT: 7.134 min Scan# 858  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion:105 Resp: 891314  
Ion Ratio Lower Upper  
105 100  
71 5.9 4.6 7.0  
51 29.8 28.2 42.2  
120 23.1 18.4 27.6





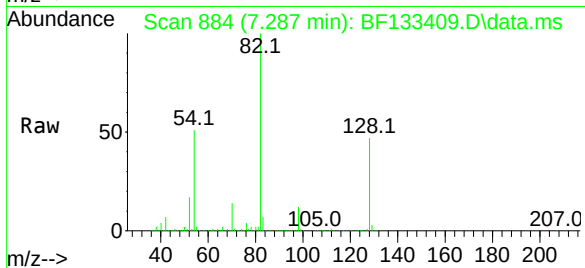
#23  
Nitrobenzene-d5  
Concen: 75.162 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

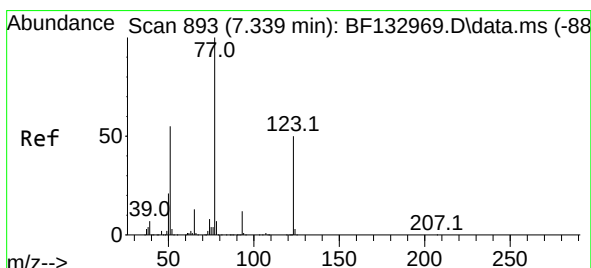
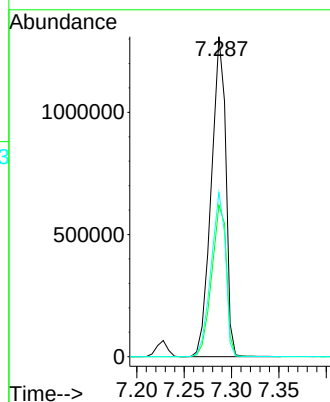
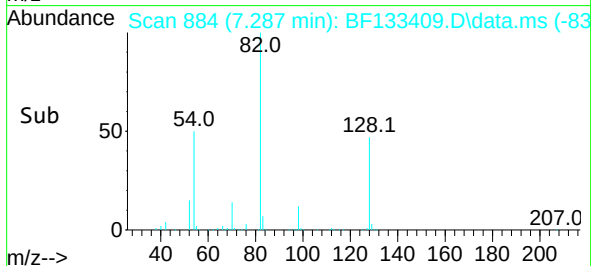


Tgt Ion: 82 Resp: 1392620  
Ion Ratio Lower Upper  
82 100  
128 47.4 37.7 56.5  
54 51.3 43.0 64.4

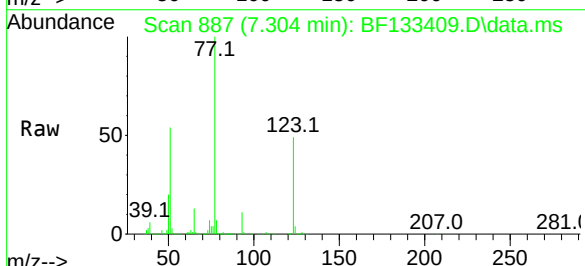
Manual Integrations

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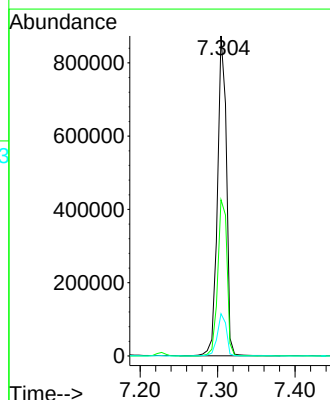
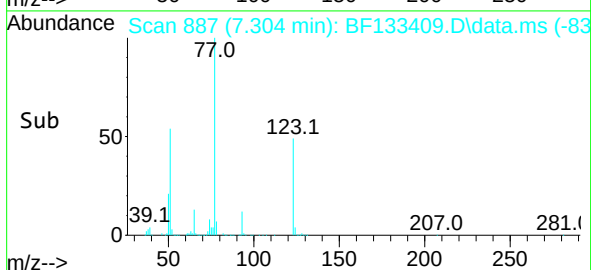
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

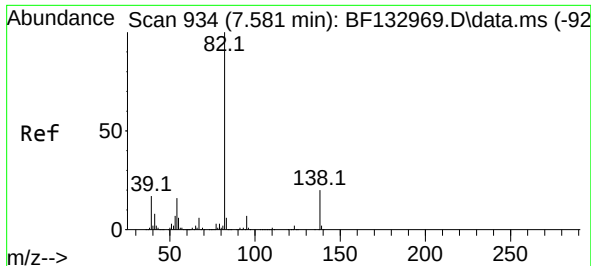


#24  
Nitrobenzene  
Concen: 37.618 ng  
RT: 7.304 min Scan# 887  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion: 77 Resp: 706292  
Ion Ratio Lower Upper  
77 100  
123 48.8 39.9 59.9  
65 13.2 10.7 16.1





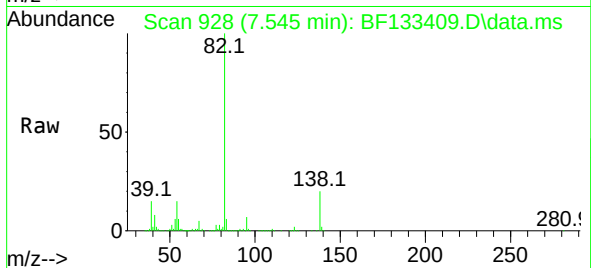
#25  
Isophorone  
Concen: 37.031 ng  
RT: 7.545 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

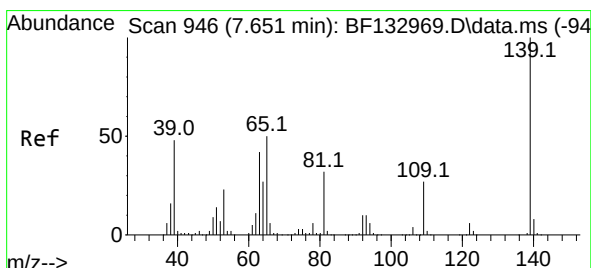
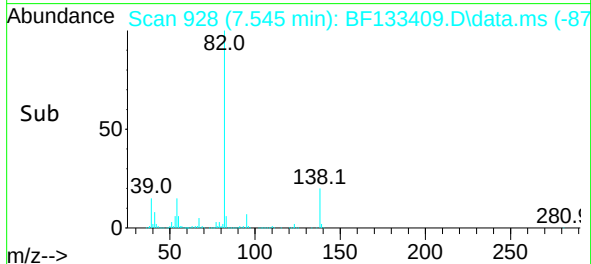
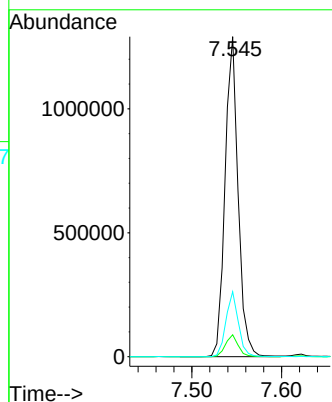


Tgt Ion: 82 Resp: 1302705  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.0  
138 20.3 16.0 24.0

Manual Integrations

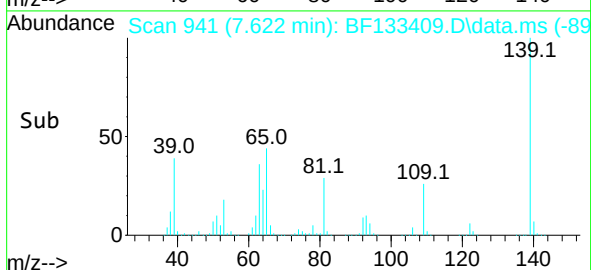
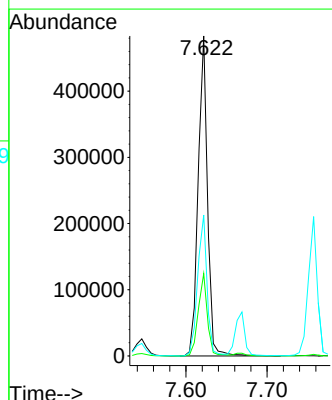
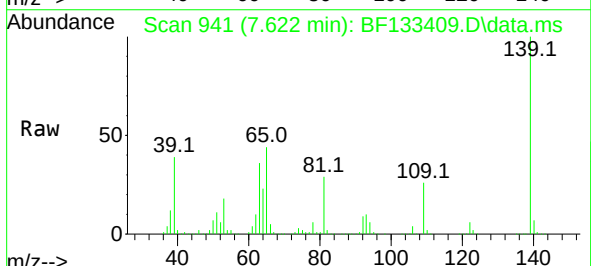
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Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

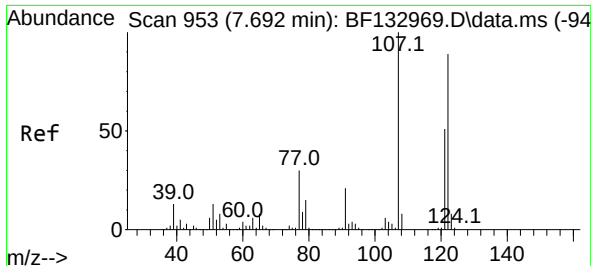


#26  
2-Nitrophenol  
Concen: 42.959 ng  
RT: 7.622 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion:139 Resp: 389025  
Ion Ratio Lower Upper  
139 100  
109 25.8 21.6 32.4  
65 44.0 39.8 59.6







#27

2,4-Dimethylphenol

Concen: 38.626 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF133409.D

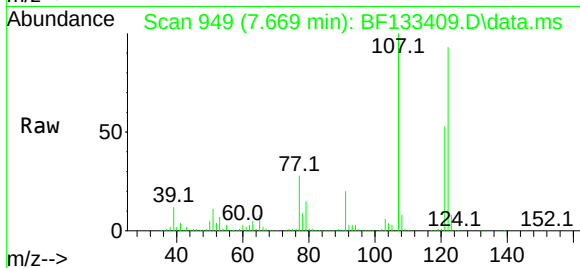
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

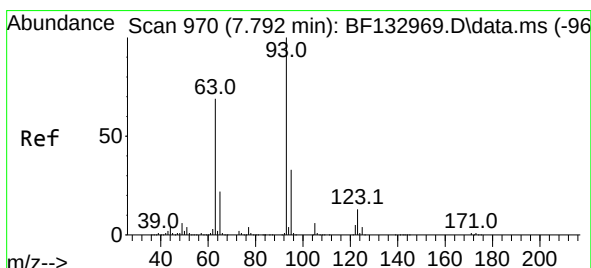
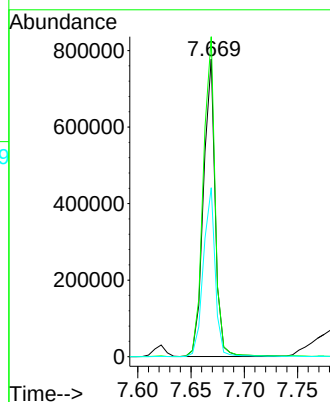


| Tgt Ion: | 122   | Resp: | 599792 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 107.5 | 89.7  | 134.5  |
| 121      | 56.8  | 46.0  | 69.0   |

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.389 ng

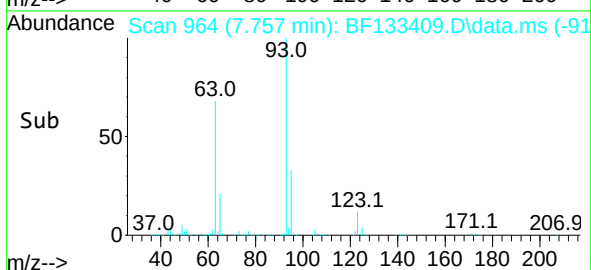
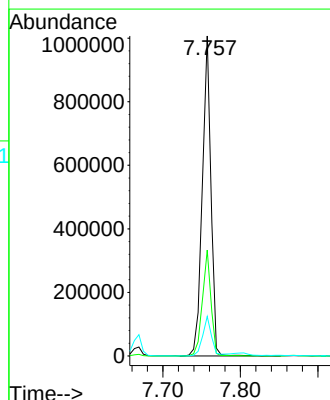
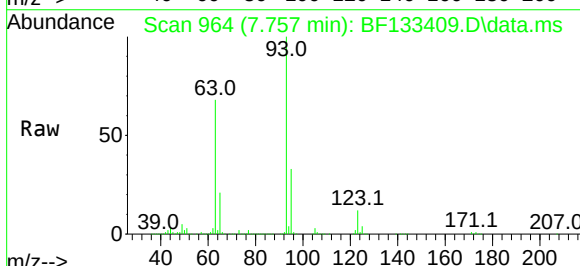
RT: 7.757 min Scan# 964

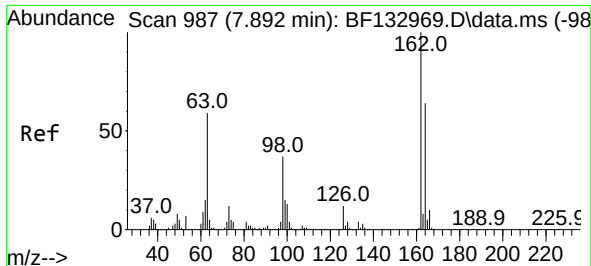
Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

| Tgt Ion: | 93    | Resp: | 778111 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.1  | 26.4  | 39.6   |
| 123      | 12.4  | 10.3  | 15.5   |





#29

2,4-Dichlorophenol

Concen: 39.645 ng

RT: 7.869 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF133409.D

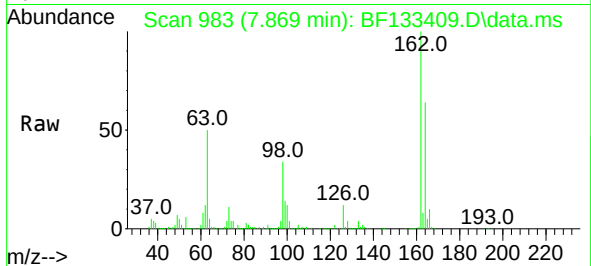
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

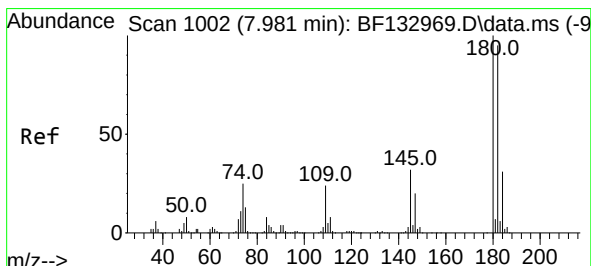
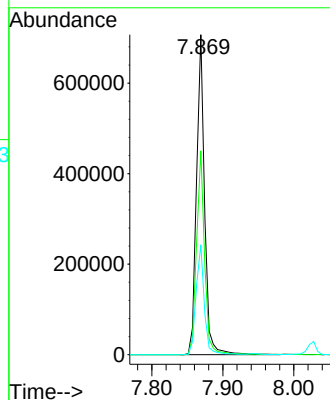


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 56041 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.7  | 43.9  | 83.9  |
| 98        | 34.4  | 17.0  | 57.0  |

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.780 ng

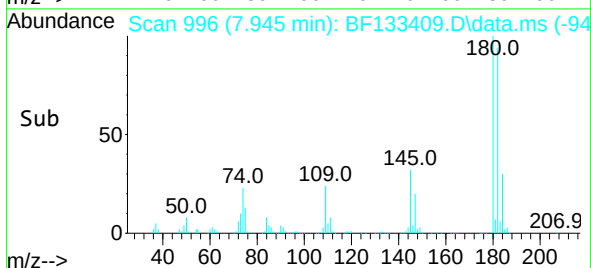
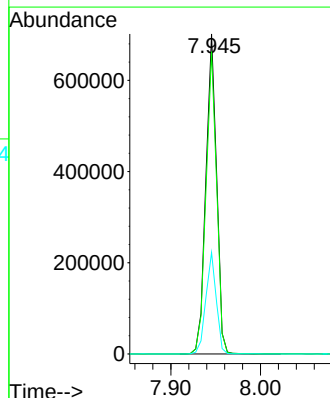
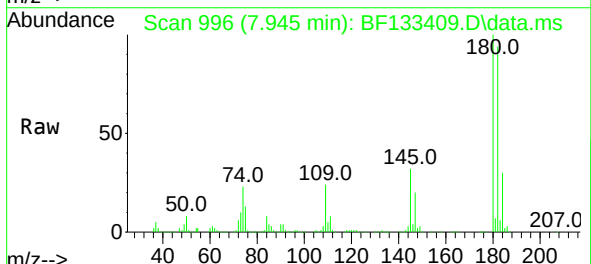
RT: 7.945 min Scan# 996

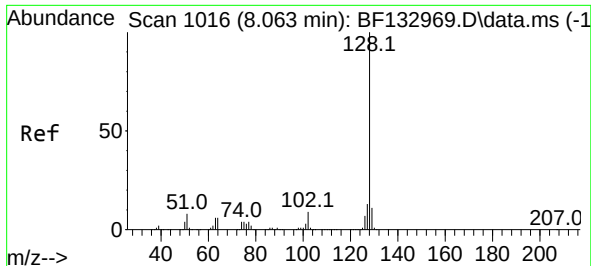
Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

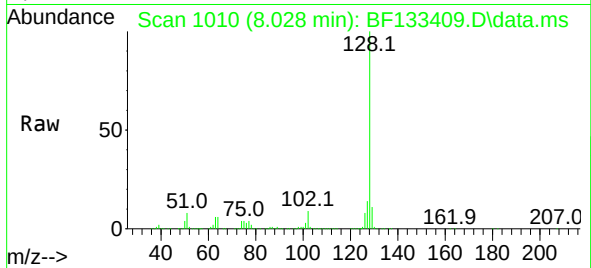
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 582569 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.4  | 75.9  | 113.9  |
| 145       | 31.7  | 25.3  | 37.9   |





#31  
Naphthalene  
Concen: 38.457 ng  
RT: 8.028 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

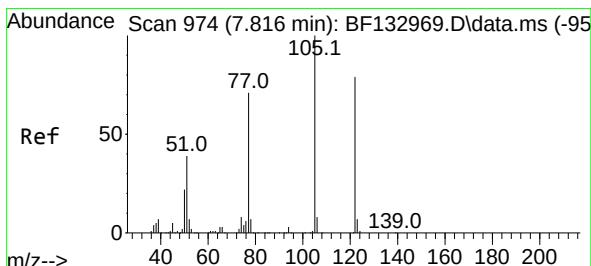
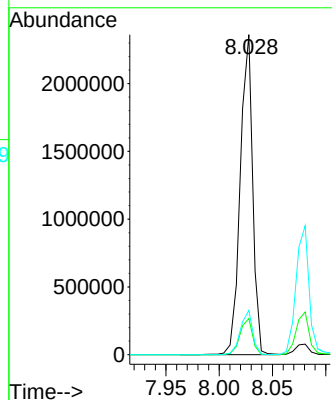
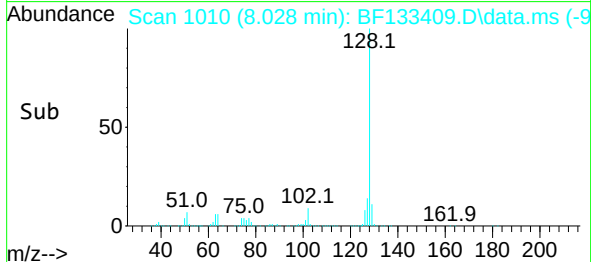
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 1922902  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.9 10.7 16.1

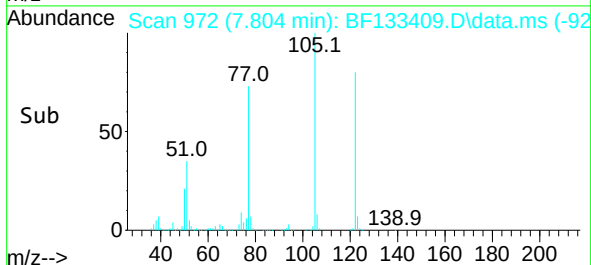
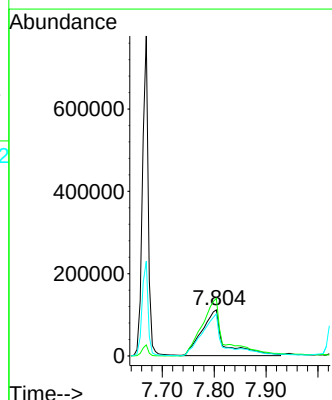
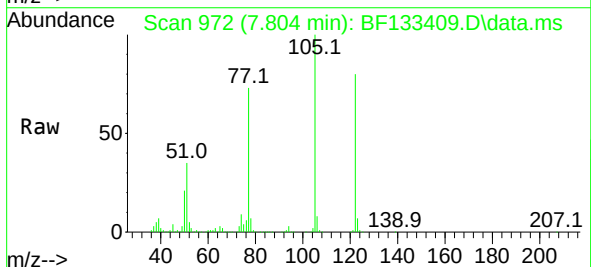
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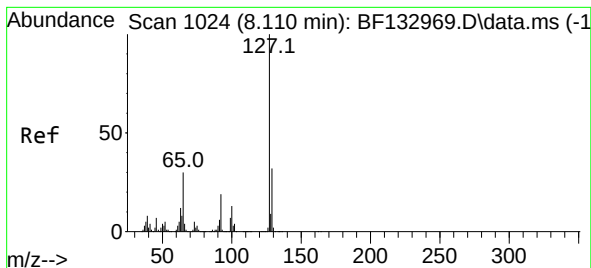
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#32  
Benzoic acid  
Concen: 35.190 ng m  
RT: 7.804 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion:122 Resp: 337531  
Ion Ratio Lower Upper  
122 100  
105 125.2 104.2 144.2  
77 91.3 69.7 109.7





#33

4-Chloroaniline

Concen: 41.063 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 82958

Ion Ratio Lower Upper

127 100

129 33.1 25.8 38.8

65 27.3 23.6 35.4

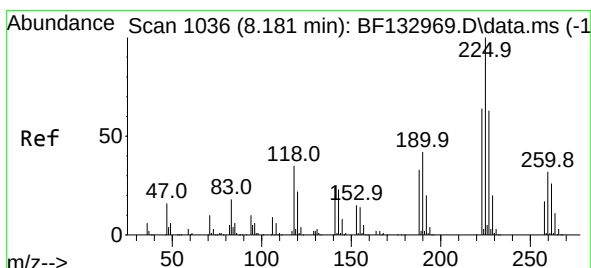
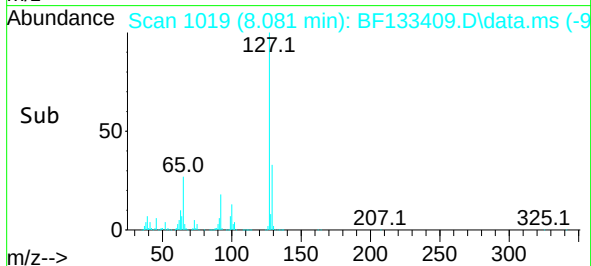
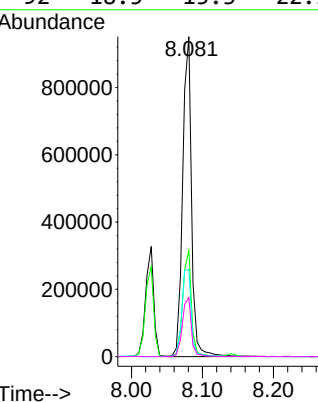
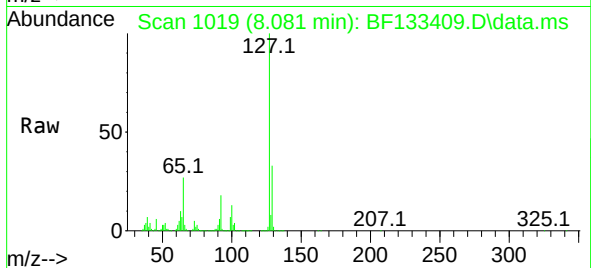
92 18.5 15.3 22.9

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#34

Hexachlorobutadiene

Concen: 39.444 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

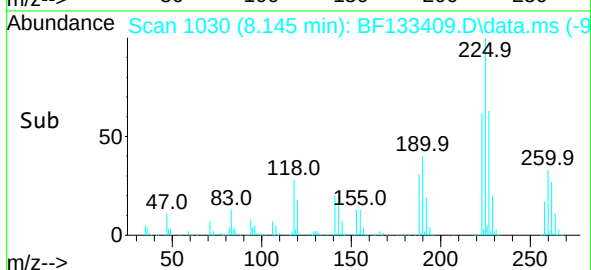
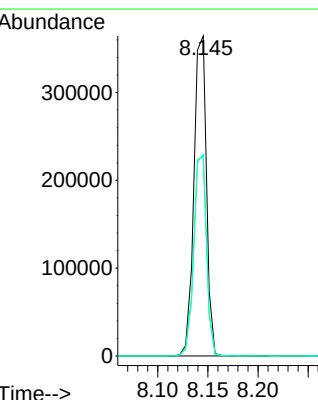
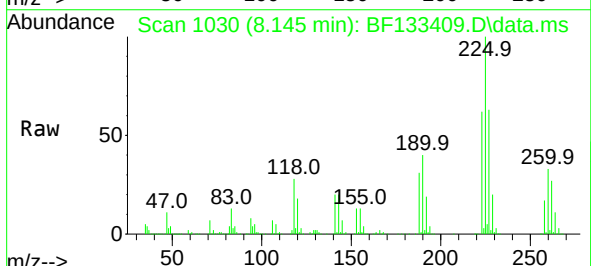
Tgt Ion:225 Resp: 320160

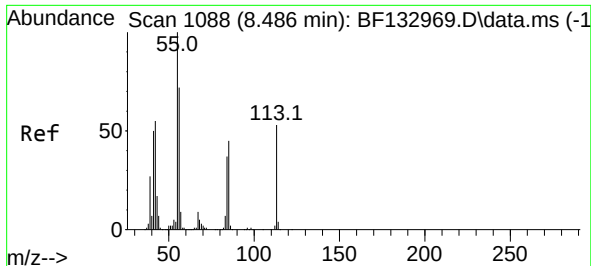
Ion Ratio Lower Upper

225 100

223 62.4 50.9 76.3

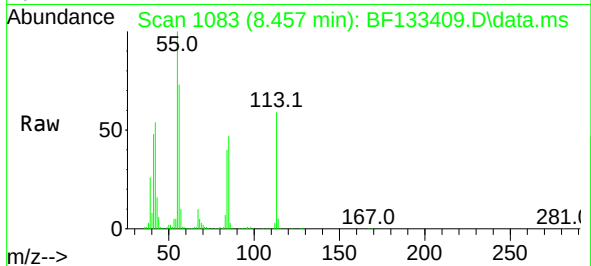
227 63.1 50.3 75.5





#35  
 Caprolactam  
 Concen: 40.448 ng m  
 RT: 8.457 min Scan# 1088  
 Delta R.T. -0.006 min  
 Lab File: BF133409.D  
 Acq: 17 May 2023 13:03

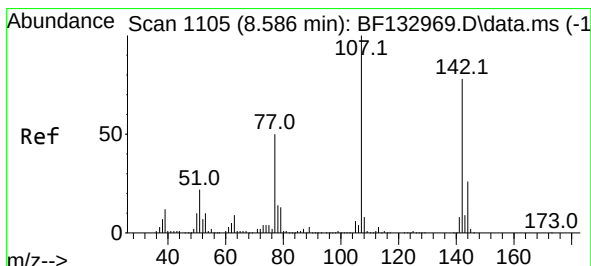
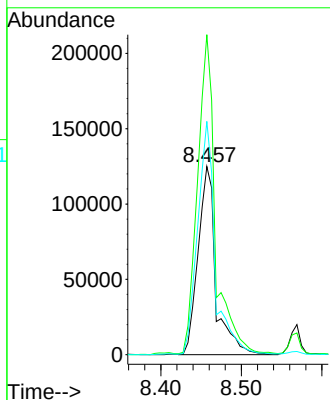
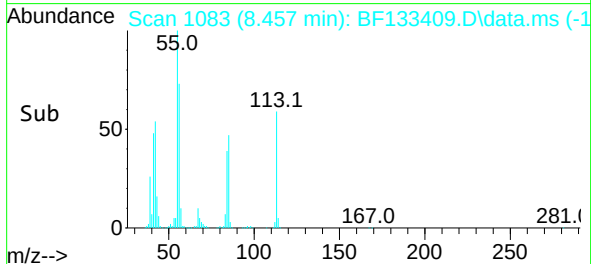
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:113 Resp: 19208  
 Ion Ratio Lower Upper  
 113 100  
 55 170.0 167.1 207.1  
 56 123.9 114.5 154.5

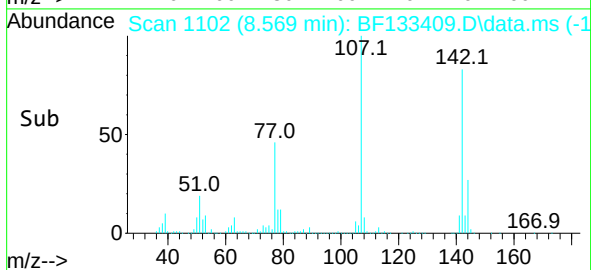
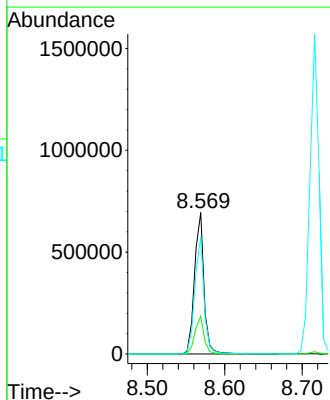
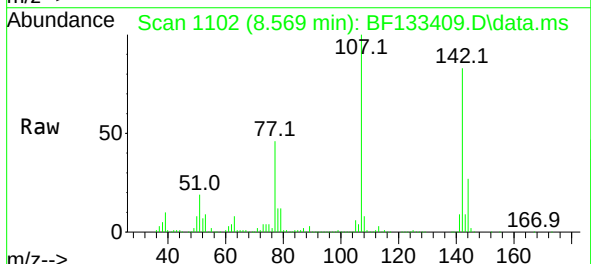
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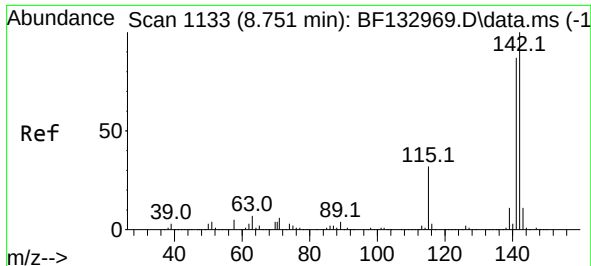
Reviewed By :Christian Giraldo 05/18/2023  
 Supervised By :Jagrut Upadhyay 05/18/2023



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.662 ng  
 RT: 8.569 min Scan# 1102  
 Delta R.T. 0.000 min  
 Lab File: BF133409.D  
 Acq: 17 May 2023 13:03

Tgt Ion:107 Resp: 589353  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 20.6 30.8  
 142 82.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 37.713 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 1289200

Ion Ratio Lower Upper

142 100

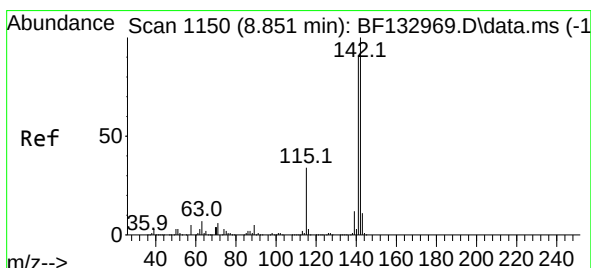
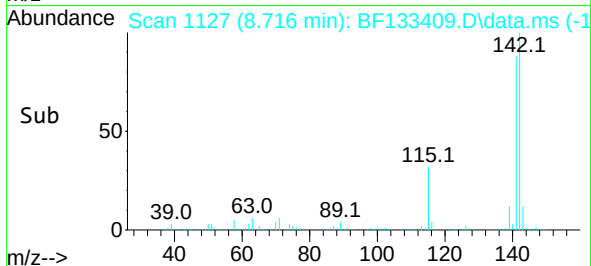
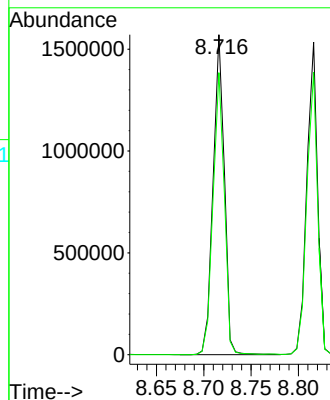
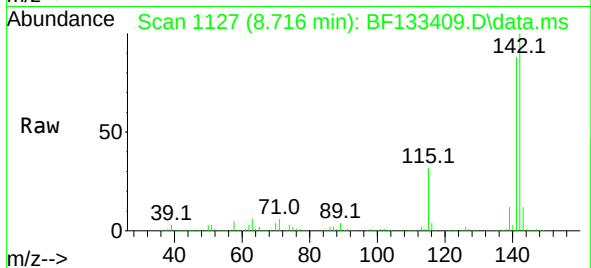
141 88.1 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#38

1-Methylnaphthalene

Concen: 38.265 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133409.D

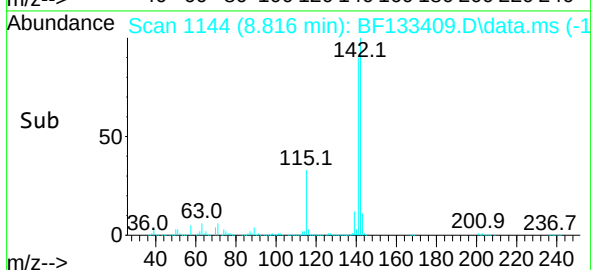
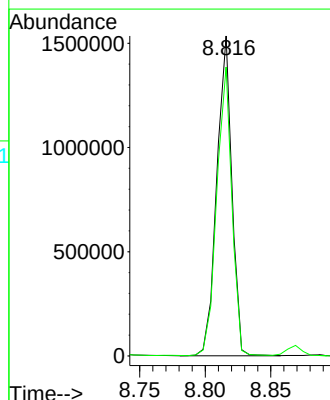
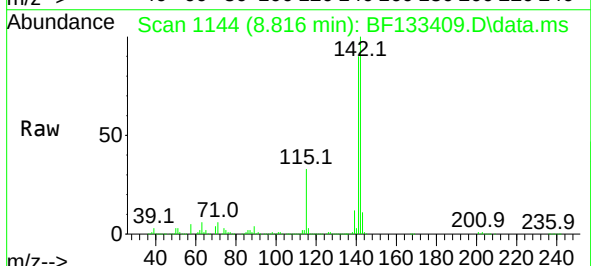
Acq: 17 May 2023 13:03

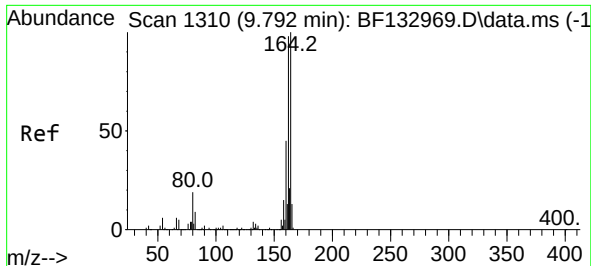
Tgt Ion:142 Resp: 1223692

Ion Ratio Lower Upper

142 100

141 90.3 73.1 109.7





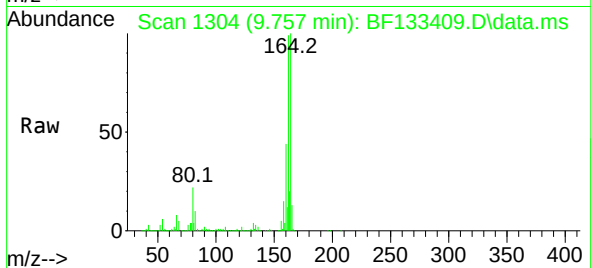
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.757 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

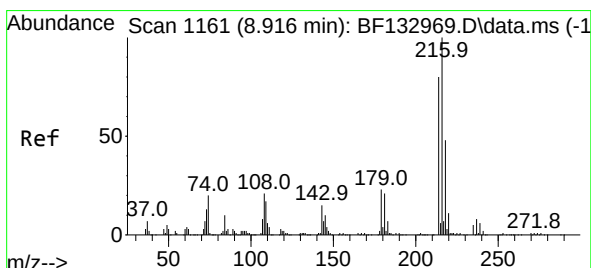
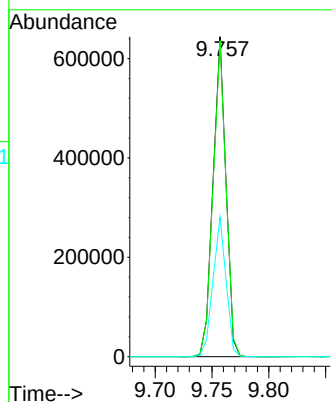
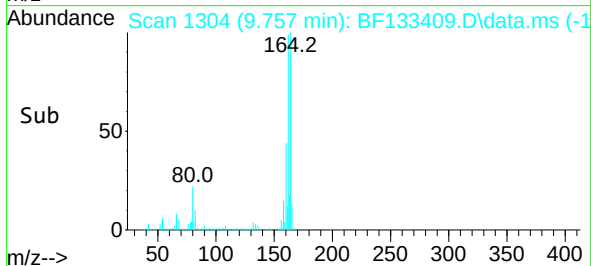


Tgt Ion:164 Resp: 508944  
Ion Ratio Lower Upper  
164 100  
162 98.7 78.7 118.1  
160 43.6 35.8 53.6

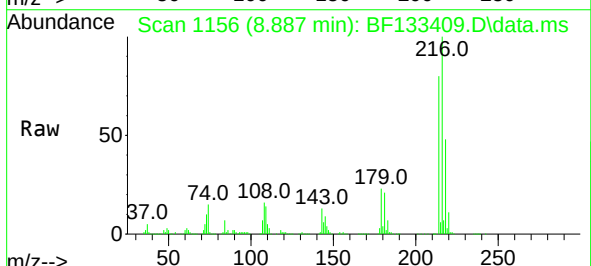
Manual Integrations

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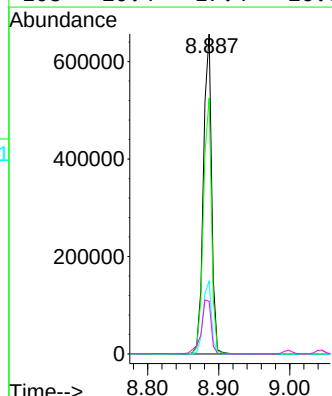
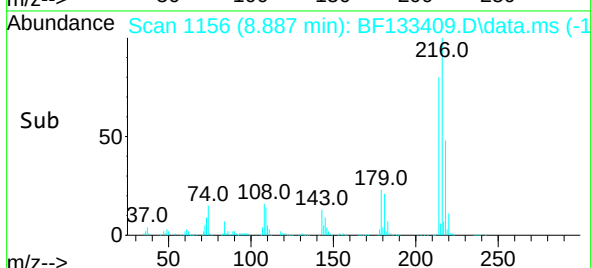
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

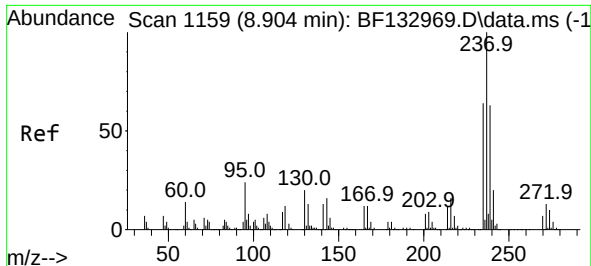


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.511 ng  
RT: 8.887 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:216 Resp: 526984  
Ion Ratio Lower Upper  
216 100  
214 79.6 63.5 95.3  
179 22.9 17.4 26.2  
108 20.4 17.4 26.0





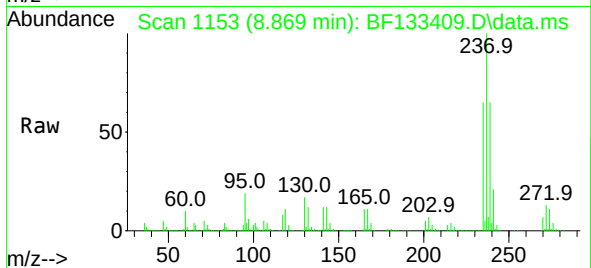
#41  
Hexachlorocyclopentadiene  
Concen: 39.471 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

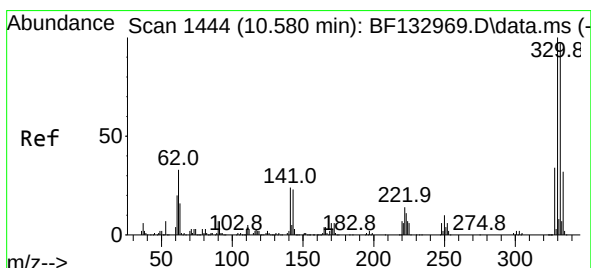
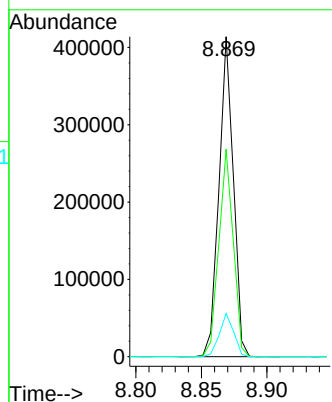


Tgt Ion:237 Resp: 315004  
Ion Ratio Lower Upper  
237 100  
235 64.9 43.5 83.5  
272 13.5 0.0 32.7

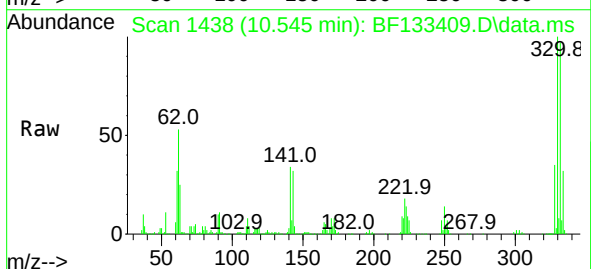
Manual Integrations

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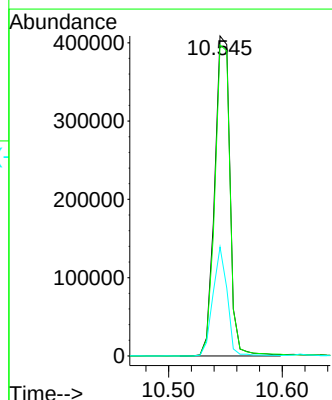
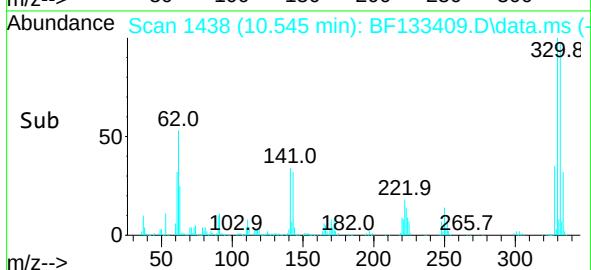
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



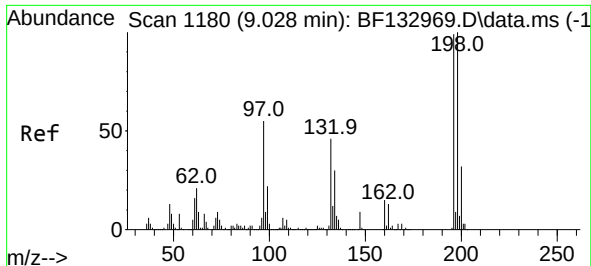
#42  
2,4,6-Tribromophenol  
Concen: 74.997 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:330 Resp: 383864  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.1 115.7  
141 31.7 25.8 38.8







#43  
2,4,6-Trichlorophenol  
Concen: 38.455 ng  
RT: 8.998 min Scan# 1175  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

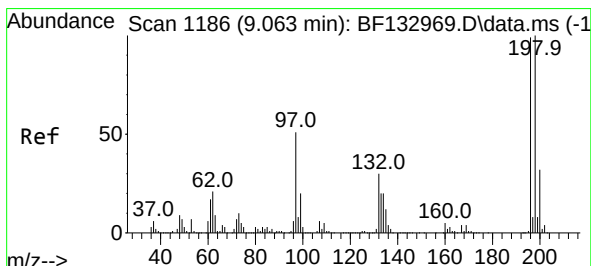
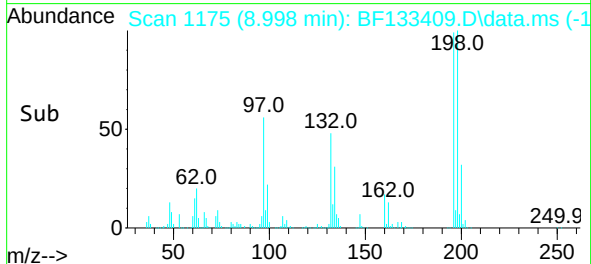
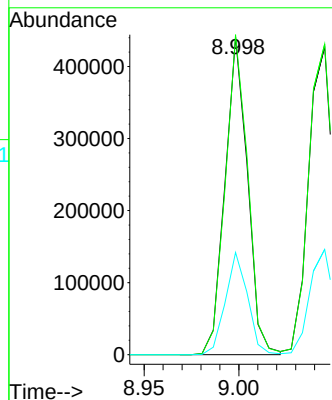
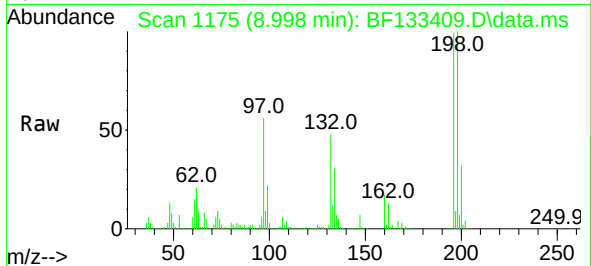
SSTDCCC040

Tgt Ion:196 Resp: 36391  
Ion Ratio Lower Upper  
196 100  
198 100.8 81.0 121.6  
200 32.2 26.1 39.1

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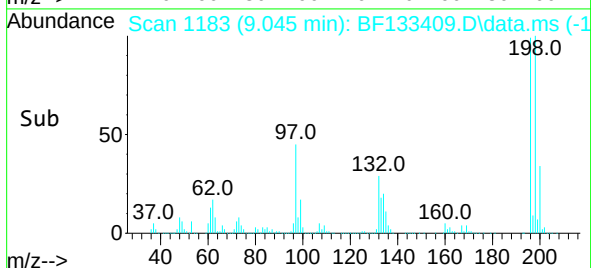
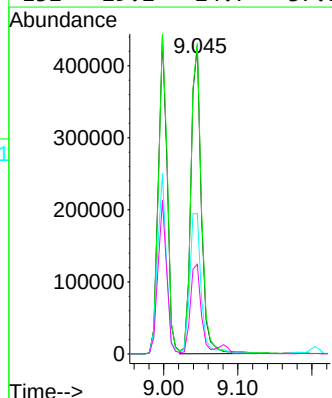
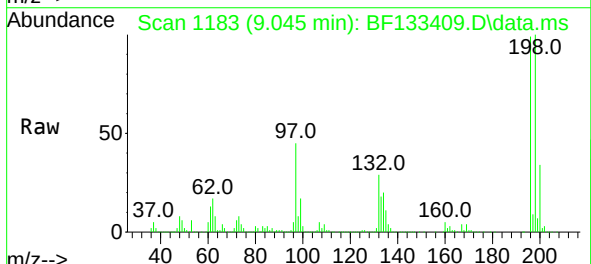
APPROVED

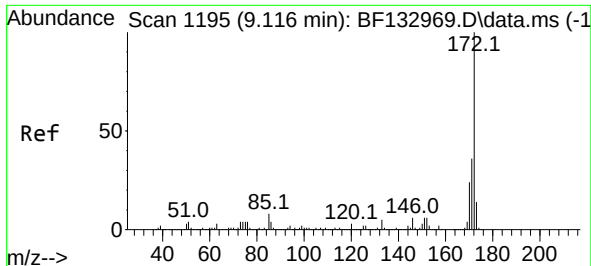
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#44  
2,4,5-Trichlorophenol  
Concen: 38.387 ng  
RT: 9.045 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion:196 Resp: 420134  
Ion Ratio Lower Upper  
196 100  
198 100.9 80.9 121.3  
97 45.5 41.3 61.9  
132 29.2 24.7 37.1





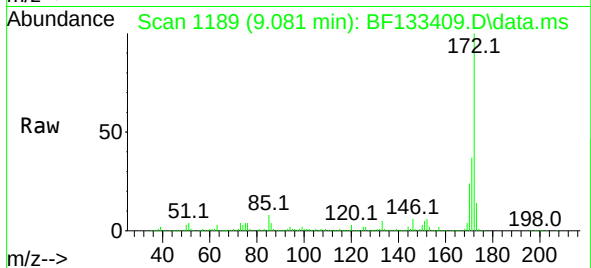
#45  
2-Fluorobiphenyl  
Concen: 75.579 ng  
RT: 9.081 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

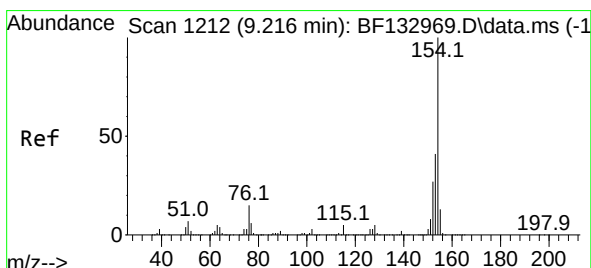
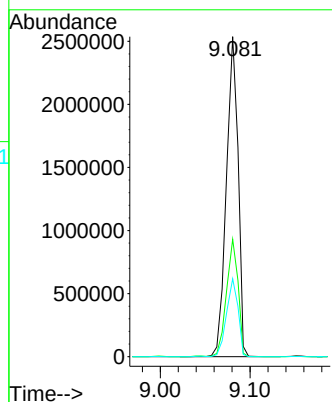
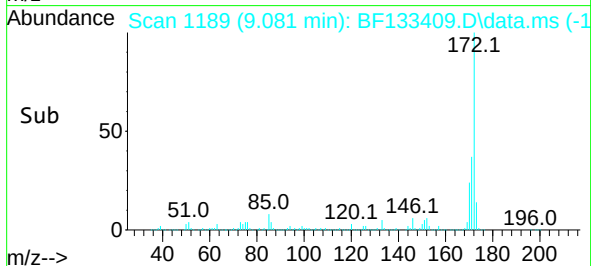


Tgt Ion:172 Resp: 2299178  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.8 43.2  
170 24.4 19.4 29.2

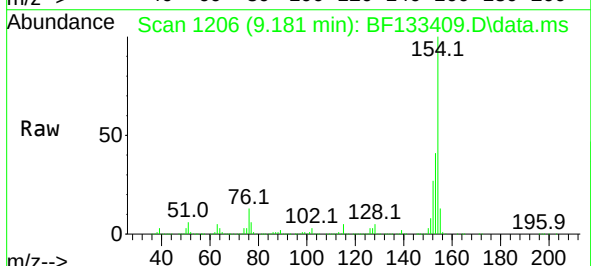
Manual Integrations

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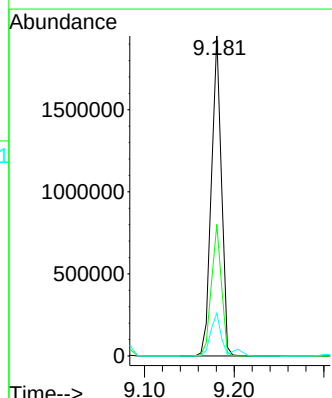
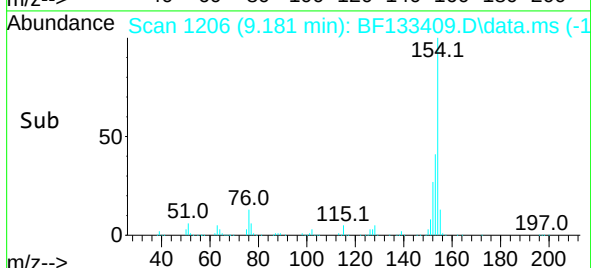
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

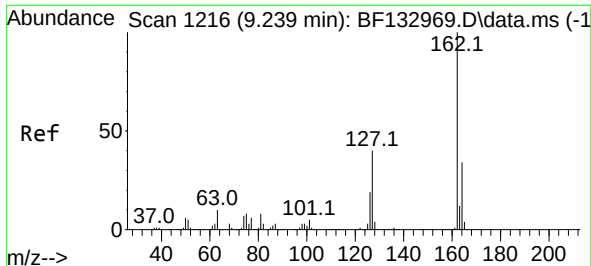


#46  
1,1'-Biphenyl  
Concen: 37.558 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:154 Resp: 1515728  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.0 61.0  
76 13.4 0.0 34.5





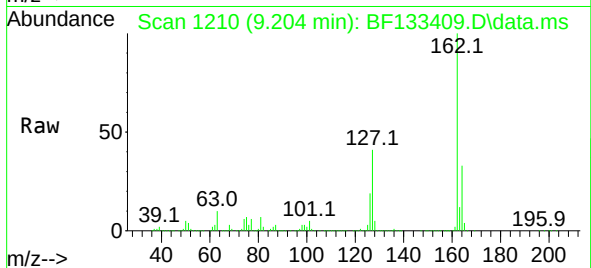
#47  
2-Chloronaphthalene  
Concen: 38.502 ng  
RT: 9.204 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

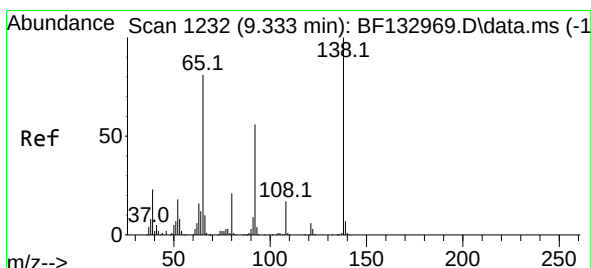
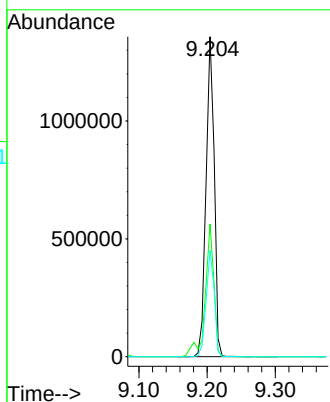
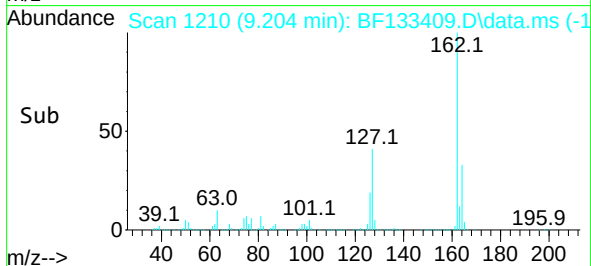


Tgt Ion:162 Resp: 113729  
Ion Ratio Lower Upper  
162 100  
127 41.5 32.3 48.5  
164 33.2 26.8 40.2

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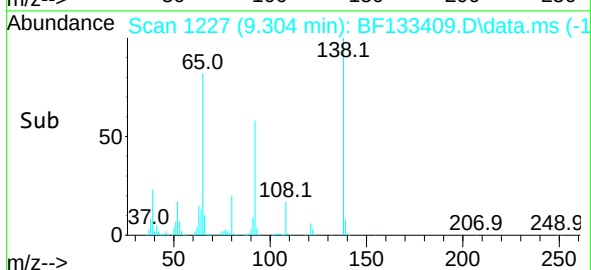
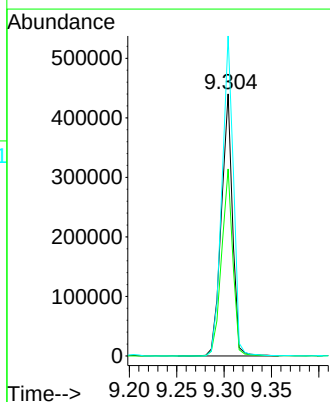
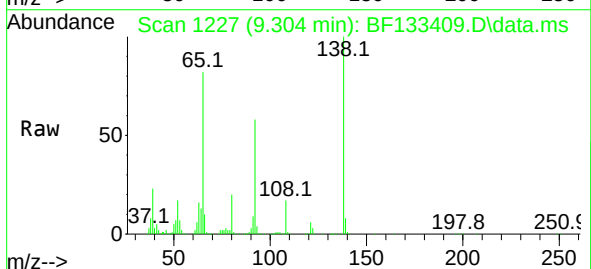
APPROVED

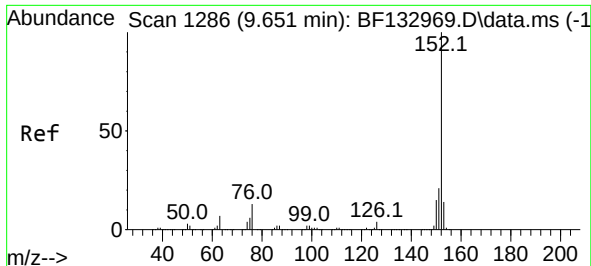
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#48  
2-Nitroaniline  
Concen: 37.349 ng  
RT: 9.304 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion: 65 Resp: 364616  
Ion Ratio Lower Upper  
65 100  
92 71.4 55.4 83.0  
138 122.1 98.2 147.2





#49

Acenaphthylene

Concen: 37.509 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133409.D

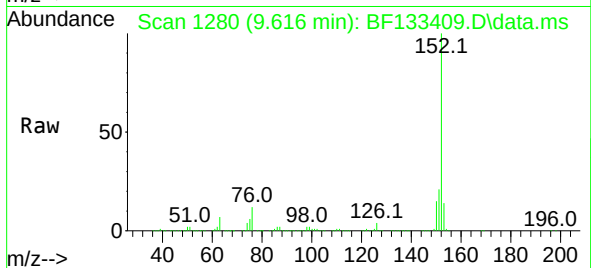
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 1770358

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

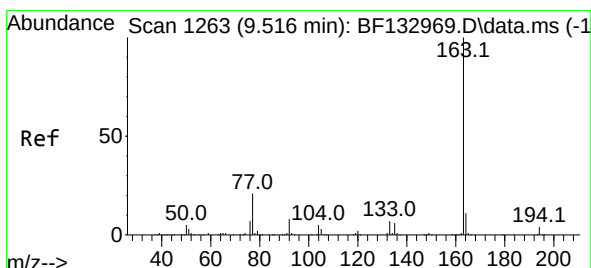
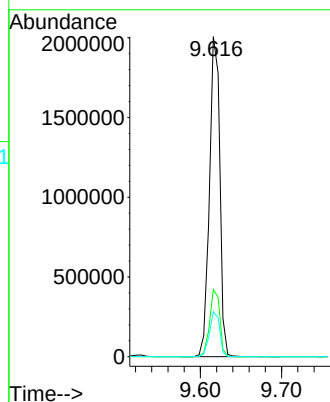
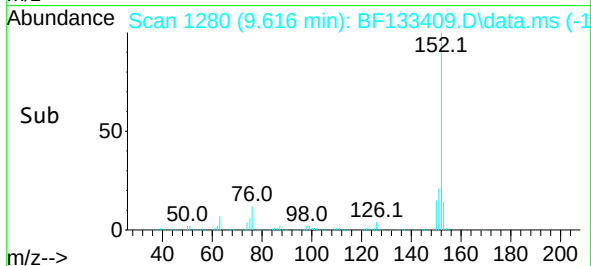
153 14.0 11.5 17.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#50

Dimethylphthalate

Concen: 39.103 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

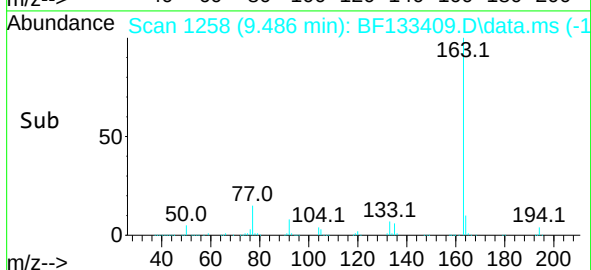
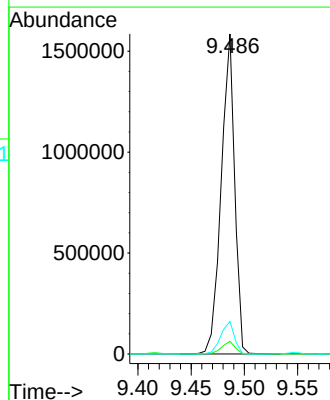
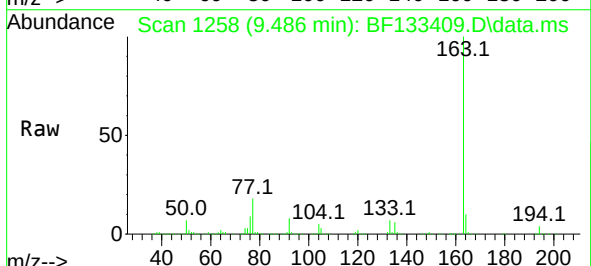
Tgt Ion:163 Resp: 1387691

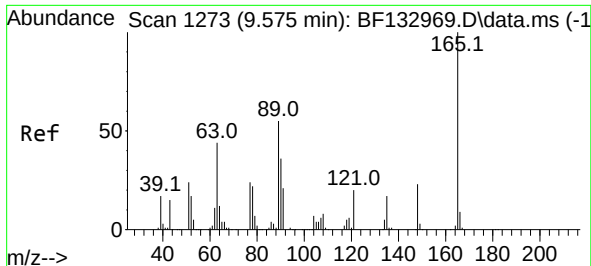
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.5 12.7





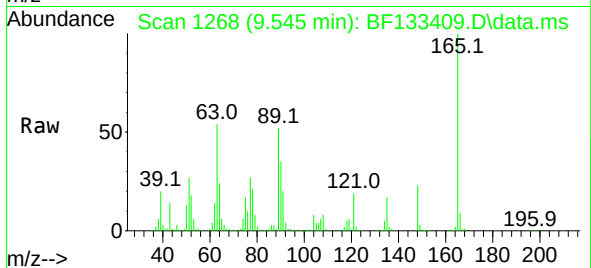
#51  
2,6-Dinitrotoluene  
Concen: 39.385 ng  
RT: 9.545 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

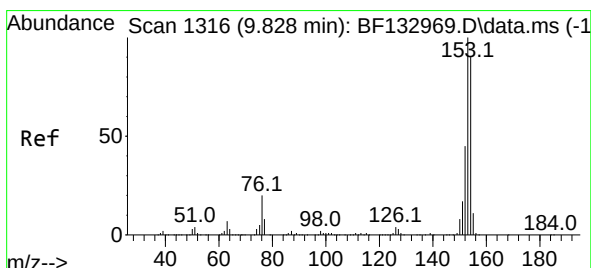
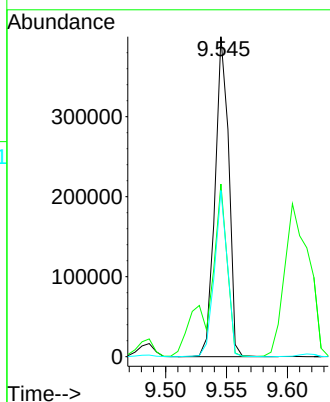
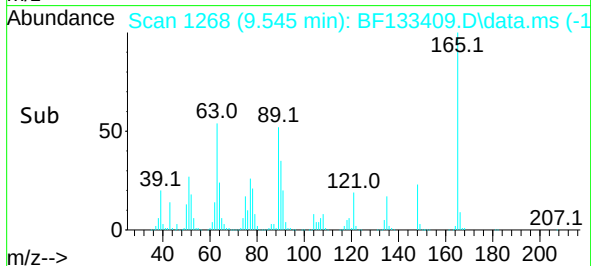


Tgt Ion:165 Resp: 31458  
Ion Ratio Lower Upper  
165 100  
63 53.9 45.9 68.9  
89 52.0 44.0 66.0

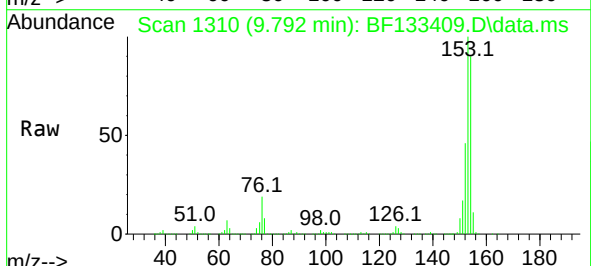
Manual Integrations

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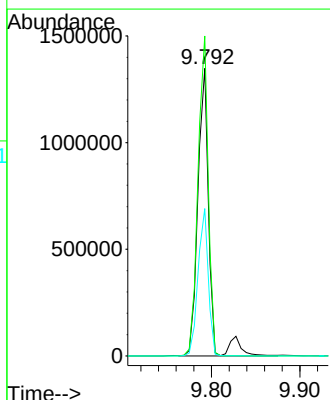
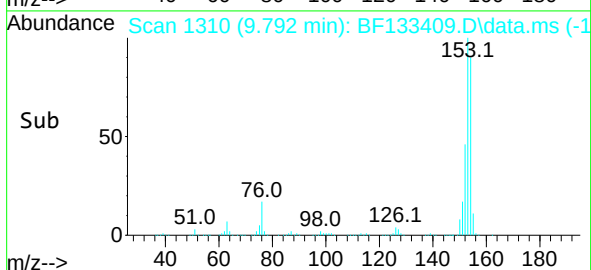
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

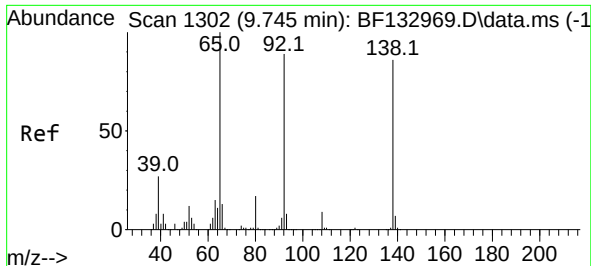


#52  
Acenaphthene  
Concen: 37.432 ng m  
RT: 9.792 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:154 Resp: 1183267  
Ion Ratio Lower Upper  
154 100  
153 111.3 89.0 133.6  
152 51.3 40.4 60.6





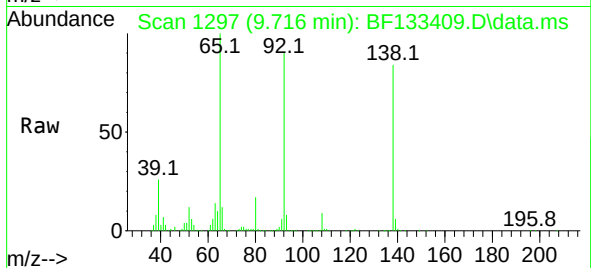
#53  
3-Nitroaniline  
Concen: 40.236 ng  
RT: 9.716 min Scan# 1302  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

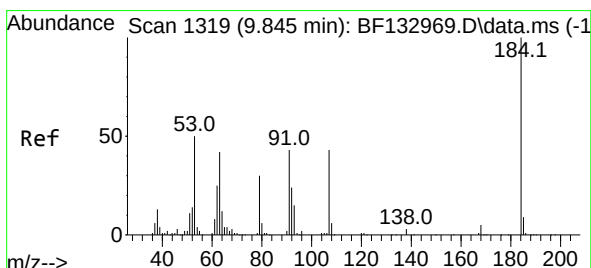
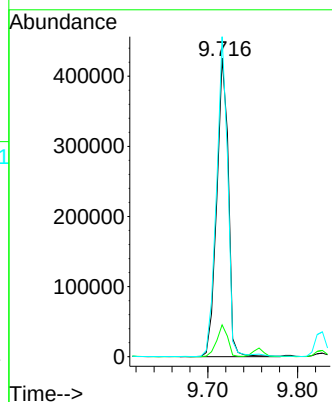
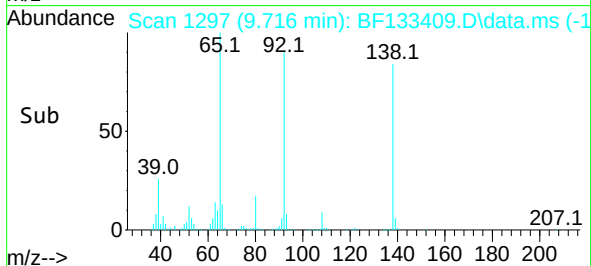


Tgt Ion:138 Resp: 382130  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.0 12.0  
92 107.2 83.6 125.4

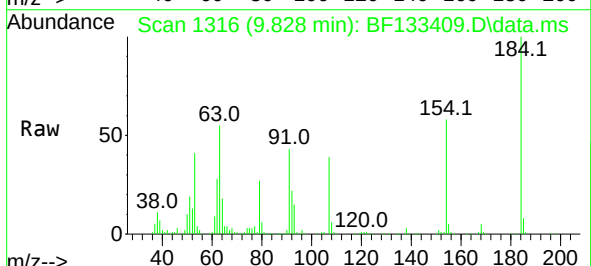
Manual Integrations

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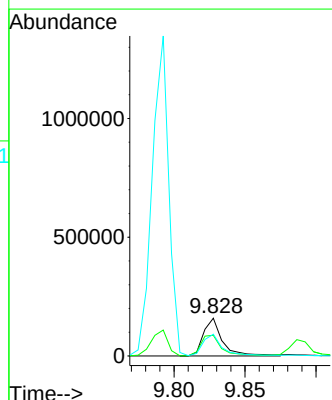
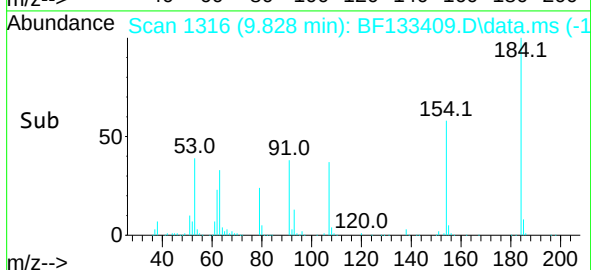
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

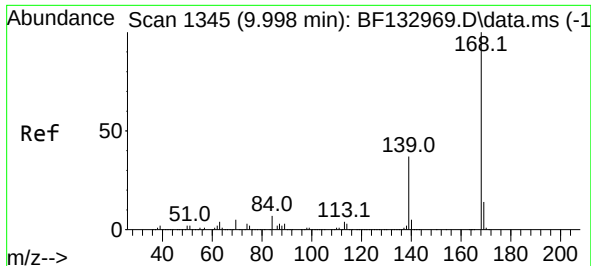


#54  
2,4-Dinitrophenol  
Concen: 37.177 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:184 Resp: 149260  
Ion Ratio Lower Upper  
184 100  
63 54.7 49.8 74.8  
154 57.8 49.5 74.3





#55

Dibenzofuran

Concen: 36.726 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 158364

Ion Ratio Lower Upper

168 100

139 38.5 29.8 44.8

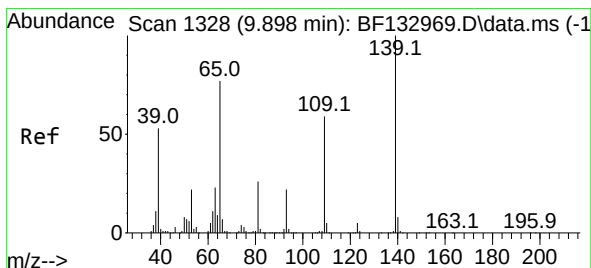
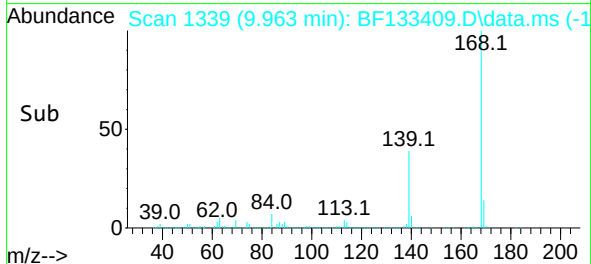
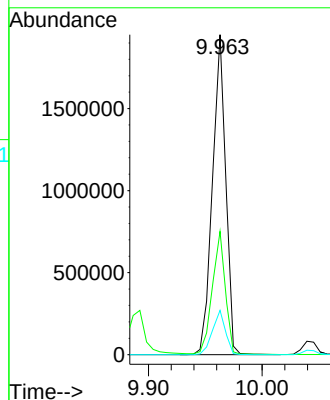
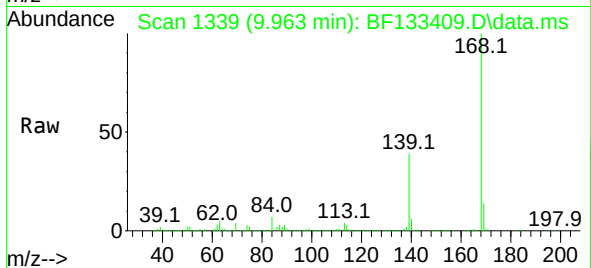
169 13.9 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#56

4-Nitrophenol

Concen: 37.038 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

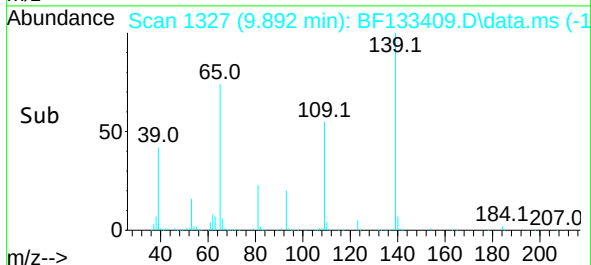
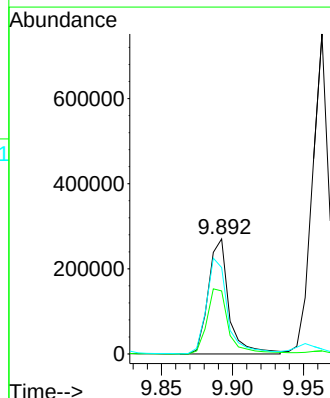
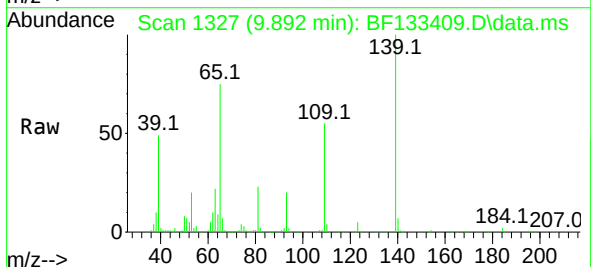
Tgt Ion:139 Resp: 272444

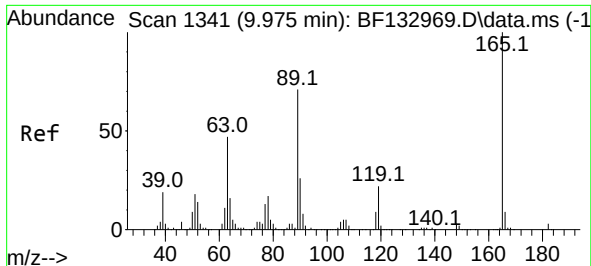
Ion Ratio Lower Upper

139 100

109 54.8 39.4 79.4

65 75.0 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 39.326 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 400579

Ion Ratio Lower Upper

165 100

63 45.4 37.7 56.5

89 66.3 57.0 85.4

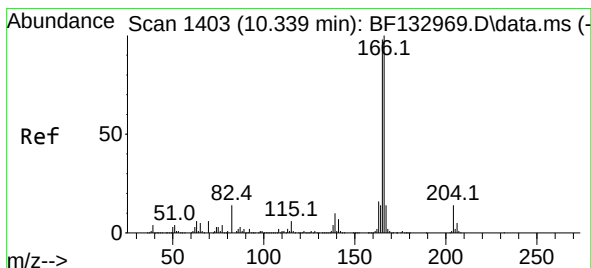
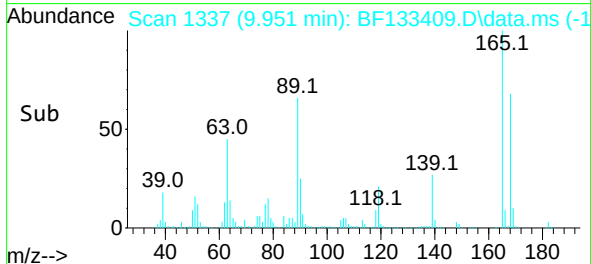
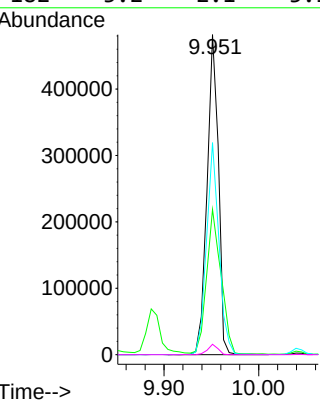
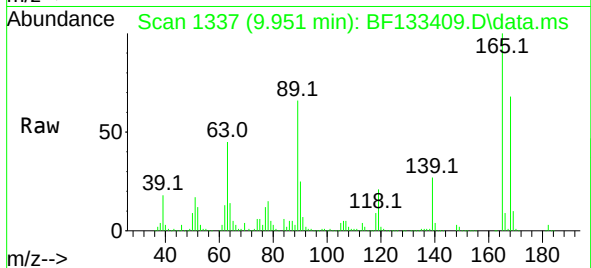
182 3.2 2.1 3.1#

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#58

Fluorene

Concen: 38.058 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

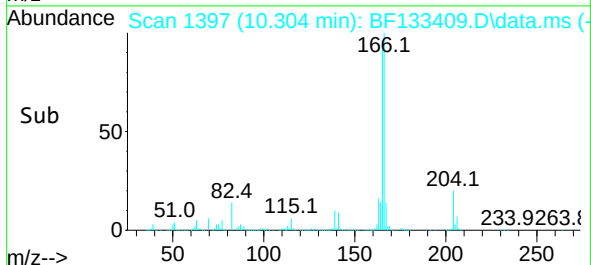
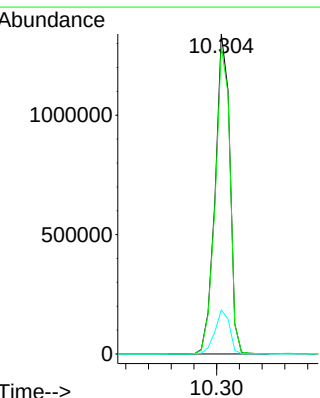
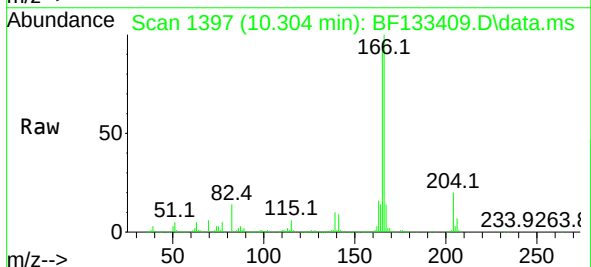
Tgt Ion:166 Resp: 1202316

Ion Ratio Lower Upper

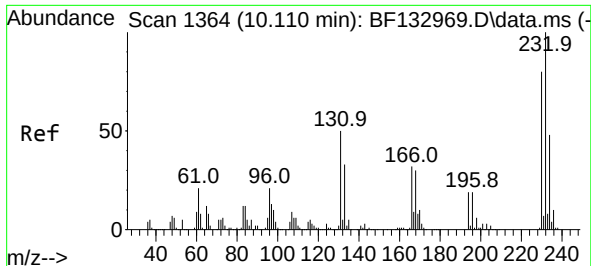
166 100

165 96.1 78.6 117.8

167 13.8 11.0 16.4

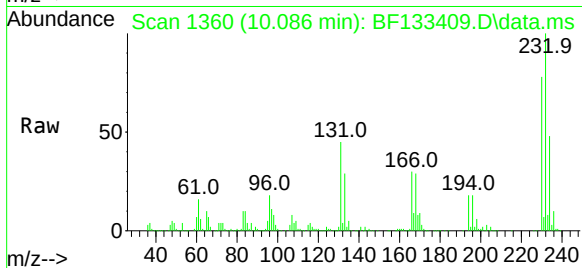






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.751 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

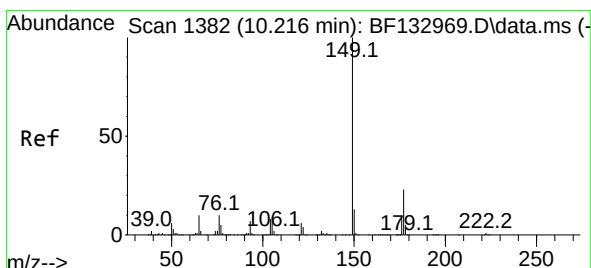
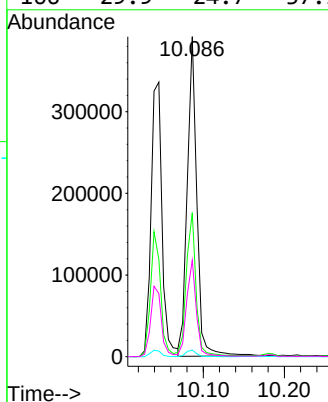
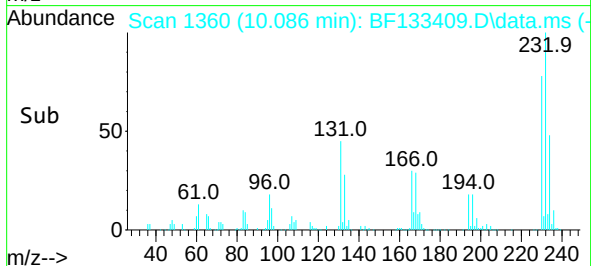
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 32031  
Ion Ratio Lower Upper  
232 100  
131 45.2 38.0 57.0  
130 2.3 1.8 2.8  
166 29.9 24.7 37.1

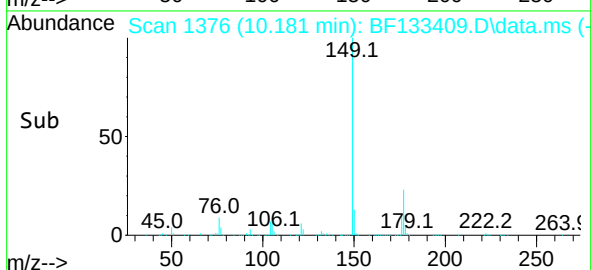
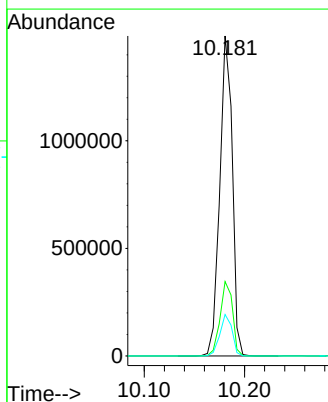
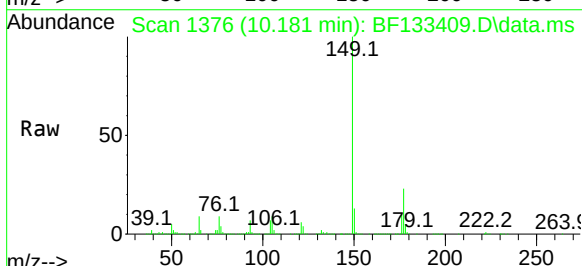
Manual Integrations  
APPROVED

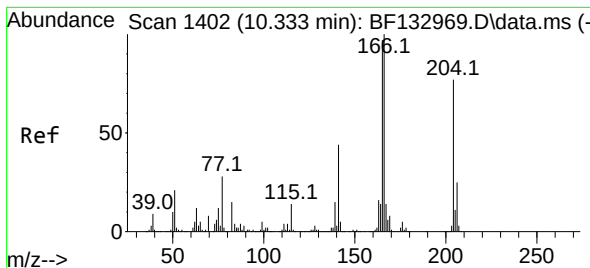
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#60  
Diethylphthalate  
Concen: 38.284 ng  
RT: 10.181 min Scan# 1376  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion:149 Resp: 1283291  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.2 27.4  
150 12.9 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 38.181 ng  
RT: 10.298 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

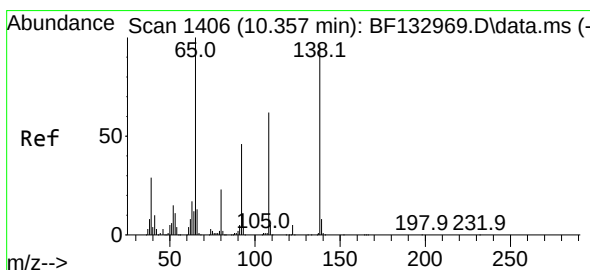
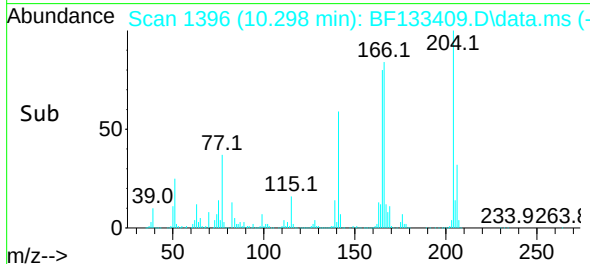
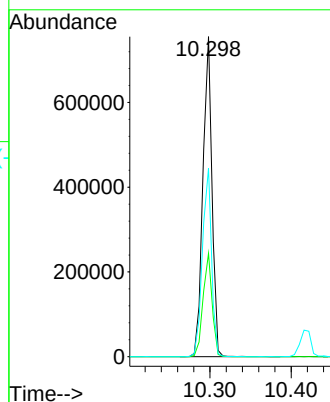
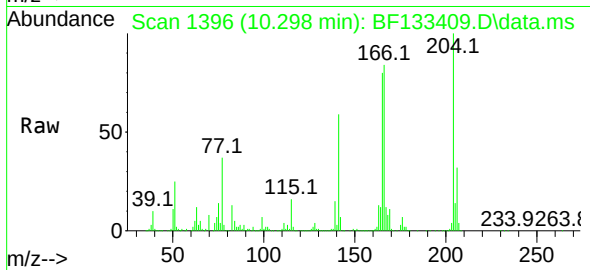
SSTDCCC040

Tgt Ion:204 Resp: 58781  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.1 39.1  
141 58.9 46.1 69.1

Manual Integrations

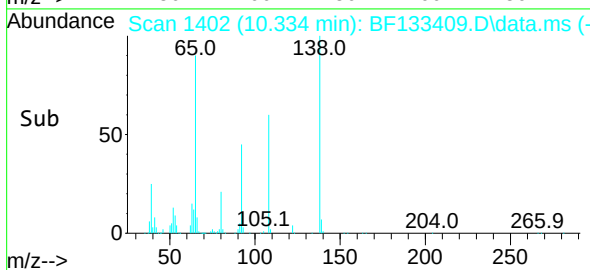
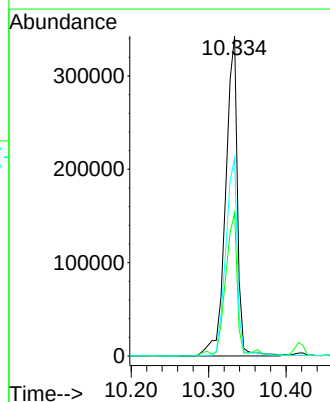
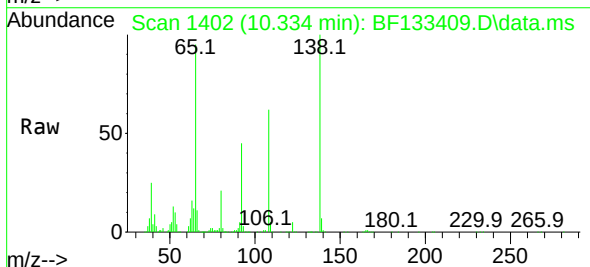
APPROVED

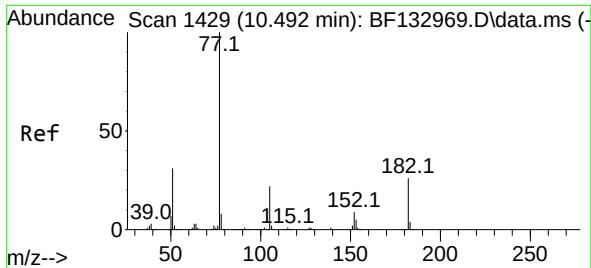
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#62  
4-Nitroaniline  
Concen: 41.808 ng  
RT: 10.334 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

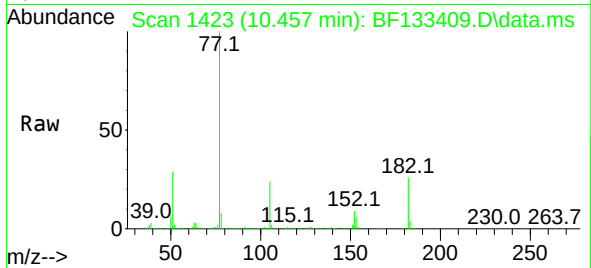
Tgt Ion:138 Resp: 364930  
Ion Ratio Lower Upper  
138 100  
92 44.7 27.7 67.7  
108 61.9 45.2 85.2





#63  
Azobenzene  
Concen: 35.670 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

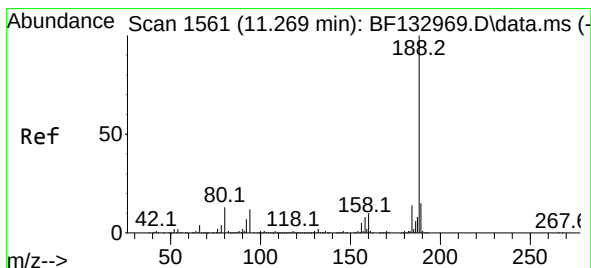
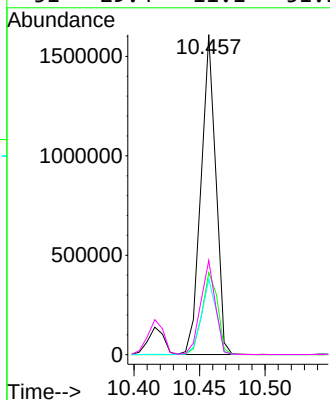
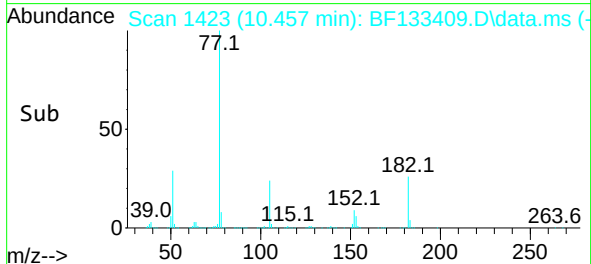
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



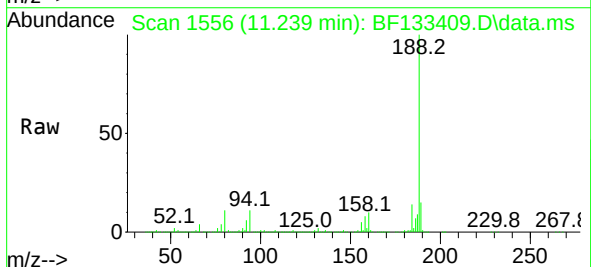
Tgt Ion: 77 Resp: 1266634  
Ion Ratio Lower Upper  
77 100  
182 25.7 5.9 45.9  
105 23.6 2.3 42.3  
51 29.4 11.1 51.1

Manual Integrations  
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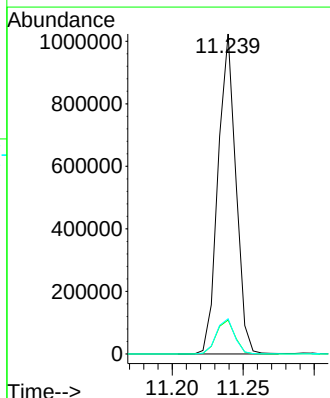
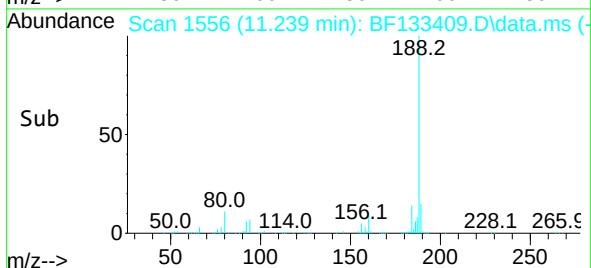
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

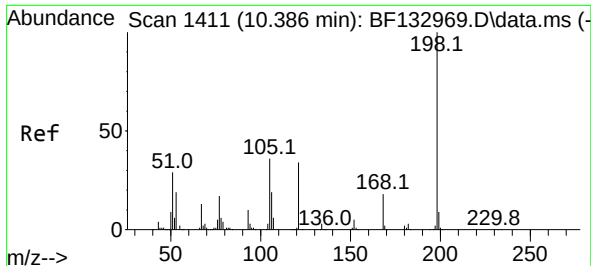


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.239 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:188 Resp: 892106  
Ion Ratio Lower Upper  
188 100  
94 10.6 9.7 14.5  
80 11.0 10.4 15.6





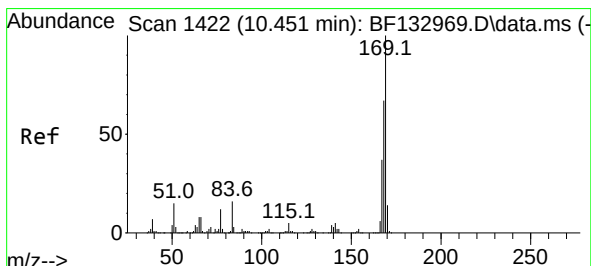
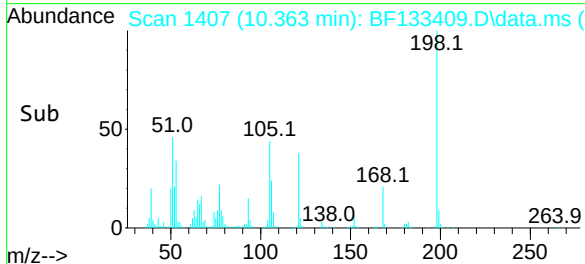
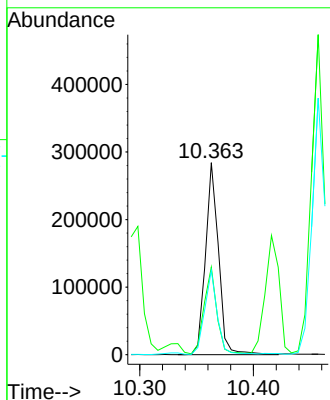
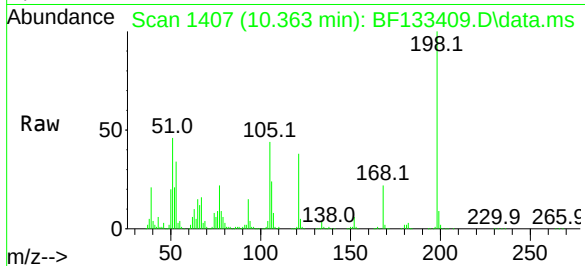
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.799 ng  
RT: 10.363 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 226020  
Ion Ratio Lower Upper  
198 100  
51 45.6 15.5 55.5  
105 44.0 16.7 56.7

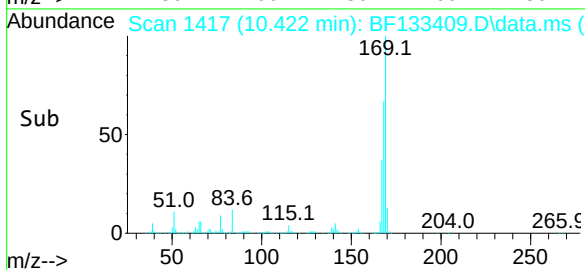
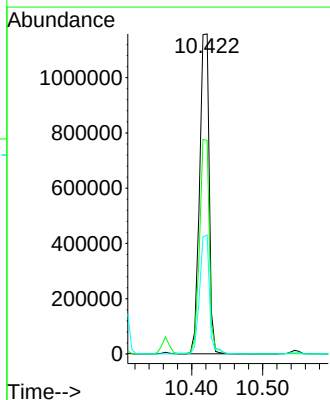
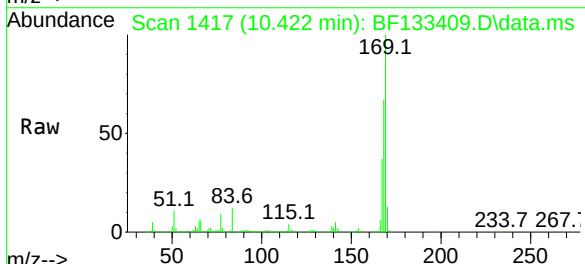
Manual Integrations  
APPROVED

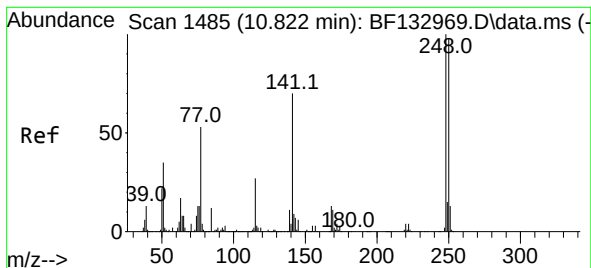
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#66  
n-Nitrosodiphenylamine  
Concen: 37.525 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

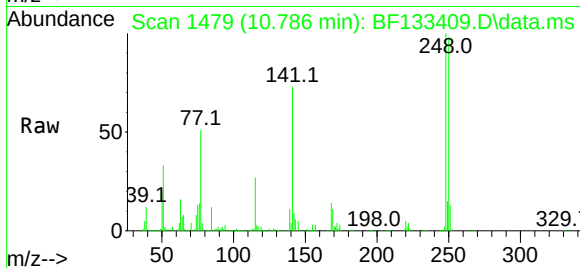
Tgt Ion:169 Resp: 1085889  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.8 80.8  
167 37.2 29.7 44.5





#67  
4-Bromophenyl-phenylether  
Concen: 38.030 ng  
RT: 10.786 min Scan# 1485  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

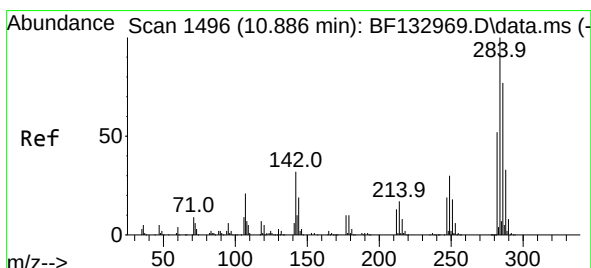
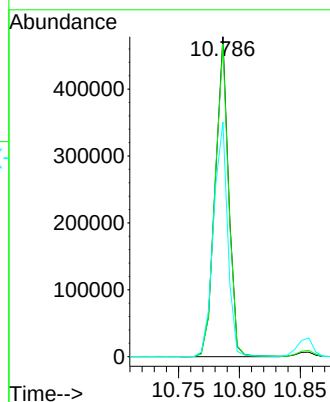
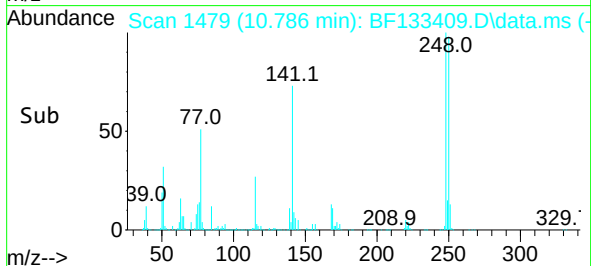
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



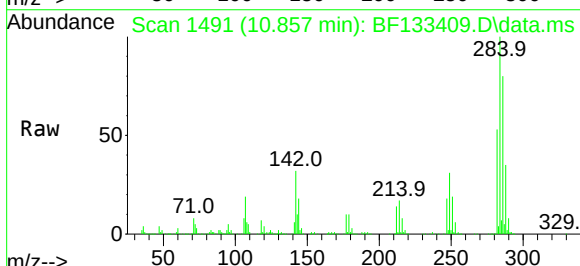
Tgt Ion:248 Resp: 36795  
Ion Ratio Lower Upper  
248 100  
250 97.6 78.7 118.1  
141 73.3 56.3 84.5

Manual Integrations  
APPROVED

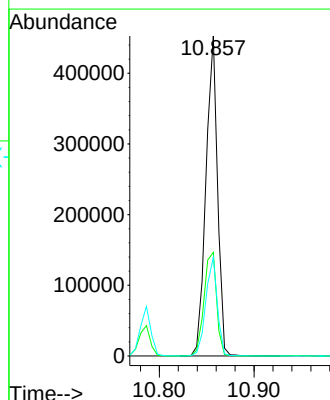
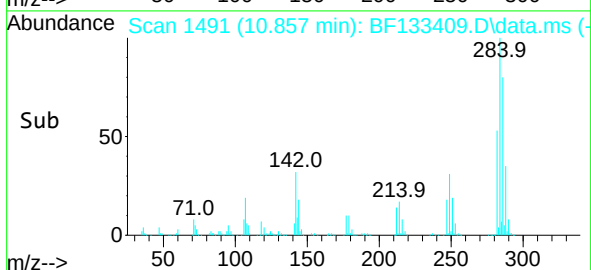
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023

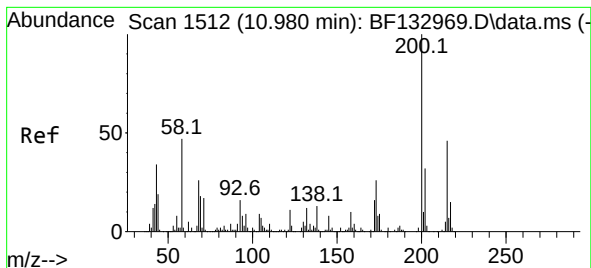


#68  
Hexachlorobenzene  
Concen: 38.601 ng  
RT: 10.857 min Scan# 1491  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:284 Resp: 382697  
Ion Ratio Lower Upper  
284 100  
142 32.3 26.0 39.0  
249 30.8 23.7 35.5





#69

Atrazine

Concen: 39.741 ng

RT: 10.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133409.D

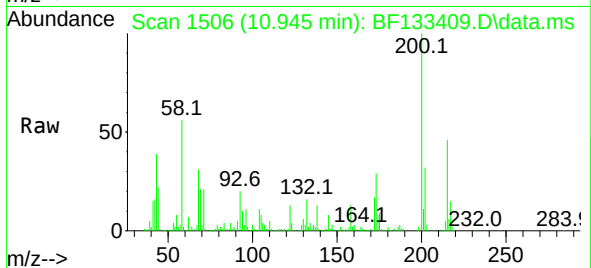
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:200 Resp: 331360

Ion Ratio Lower Upper

200 100

173 29.1 6.2 46.2

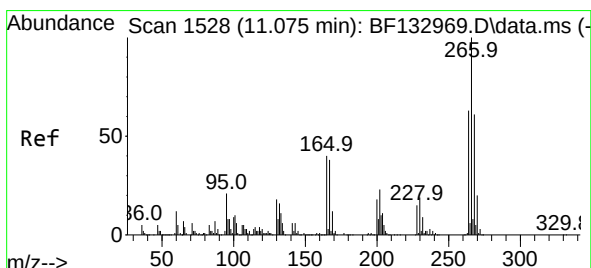
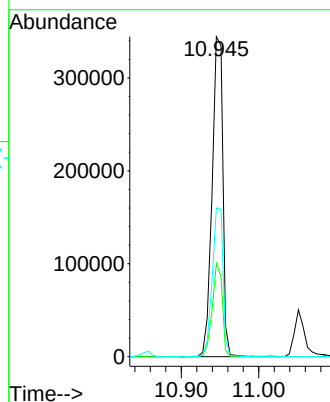
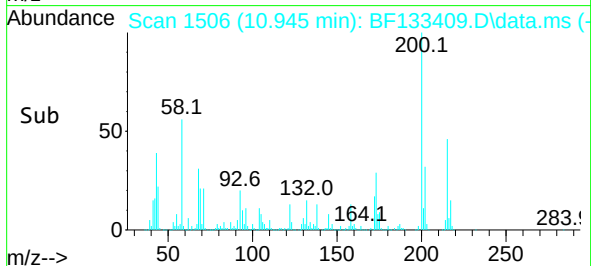
215 46.5 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#70

Pentachlorophenol

Concen: 38.764 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

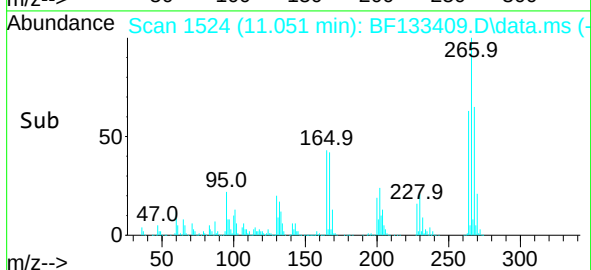
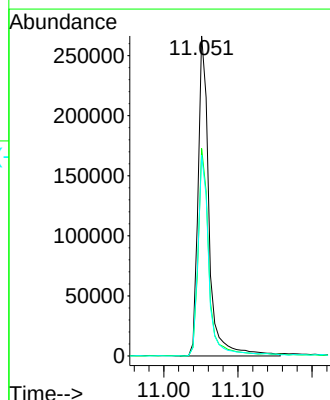
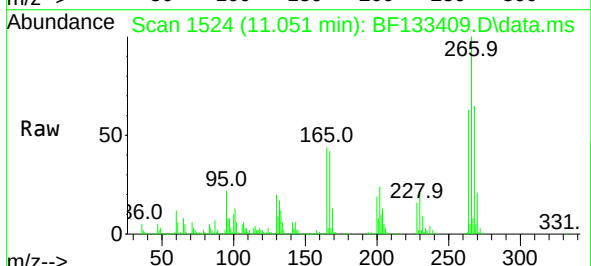
Tgt Ion:266 Resp: 273707

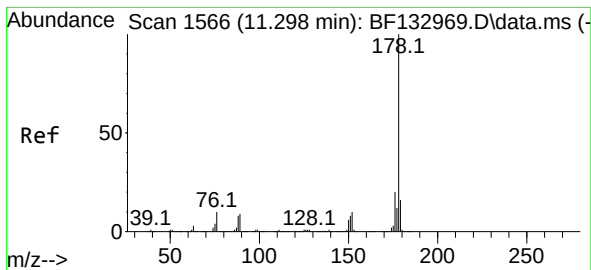
Ion Ratio Lower Upper

266 100

268 64.8 48.8 73.2

264 62.8 50.6 76.0





#71

Phenanthrene

Concen: 37.055 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1776729

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

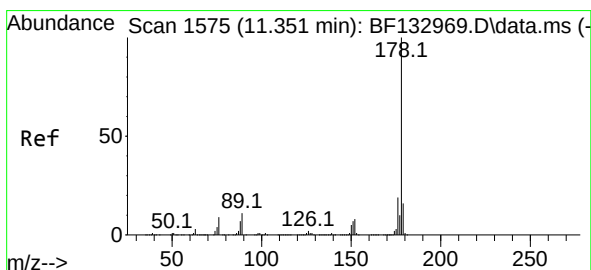
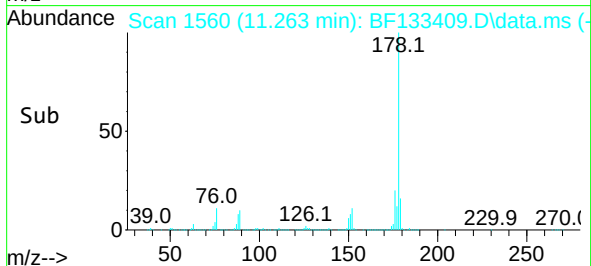
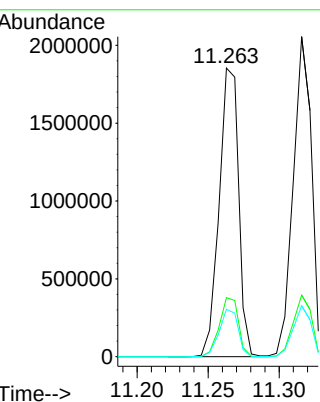
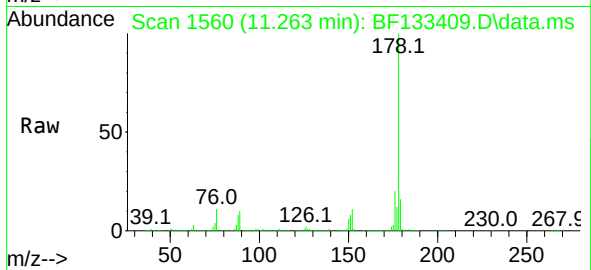
179 16.4 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#72

Anthracene

Concen: 37.651 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

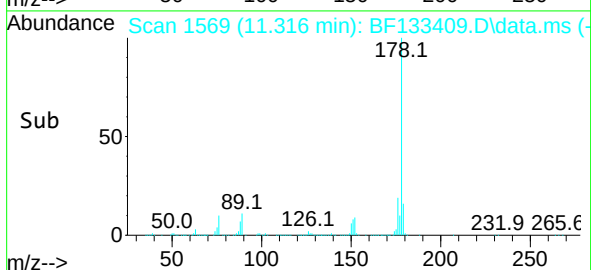
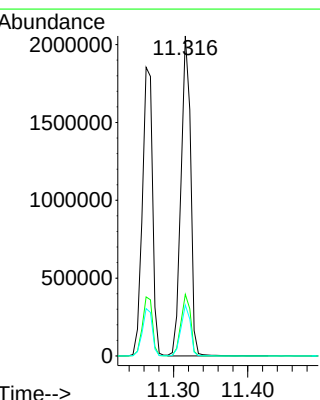
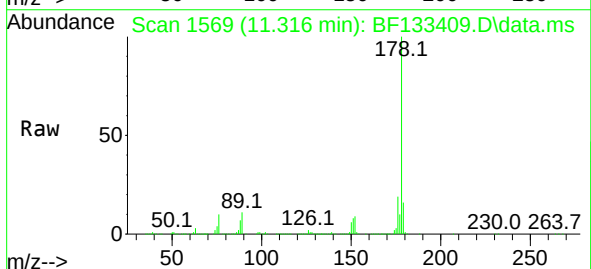
Tgt Ion:178 Resp: 1847521

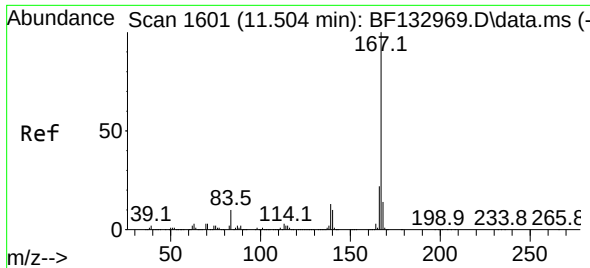
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

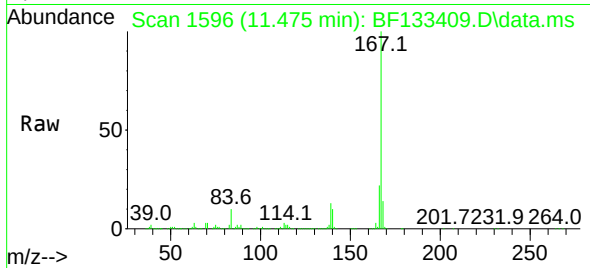
179 15.9 12.4 18.6





#73  
 Carbazole  
 Concen: 37.627 ng  
 RT: 11.475 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF133409.D  
 Acq: 17 May 2023 13:03

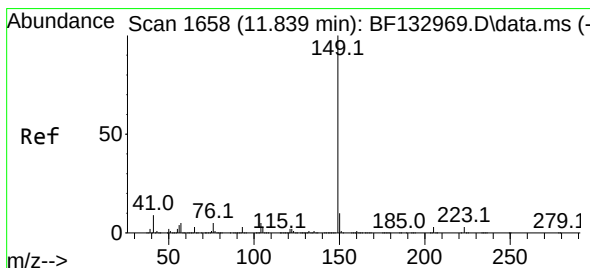
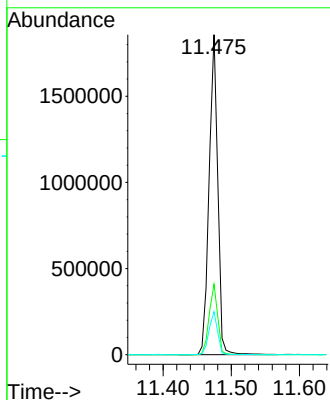
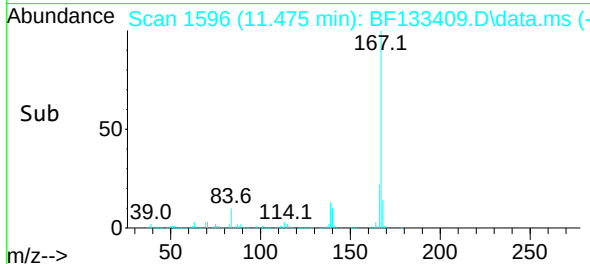
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



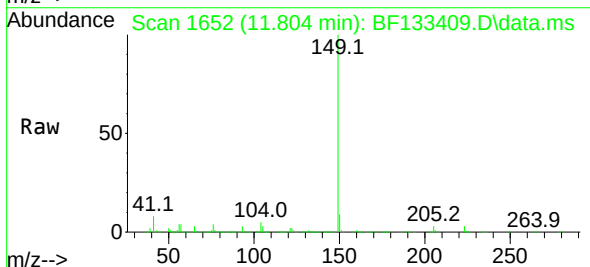
Tgt Ion:167 Resp: 1644020  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.4 26.0  
 139 13.5 10.6 16.0

Manual Integrations  
 APPROVED

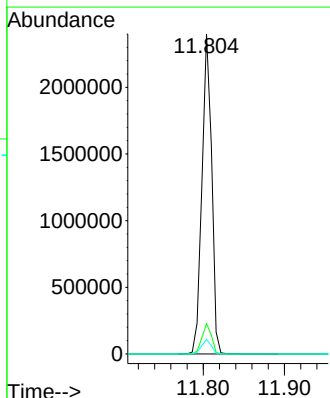
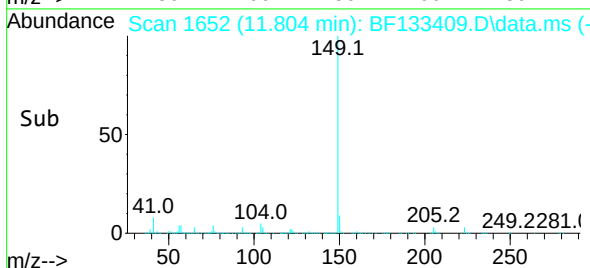
Reviewed By :Christian Giraldo 05/18/2023  
 Supervised By :Jagrut Upadhyay 05/18/2023



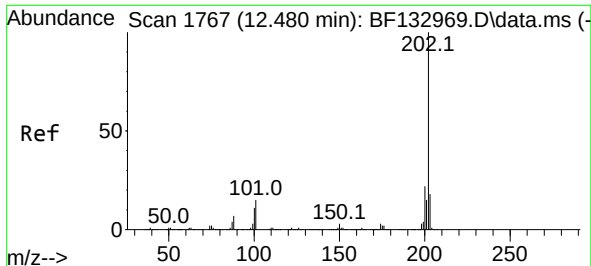
#74  
 Di-n-butylphthalate  
 Concen: 40.241 ng  
 RT: 11.804 min Scan# 1652  
 Delta R.T. -0.006 min  
 Lab File: BF133409.D  
 Acq: 17 May 2023 13:03



Tgt Ion:149 Resp: 1989736  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.6 11.4  
 104 4.6 4.0 6.0

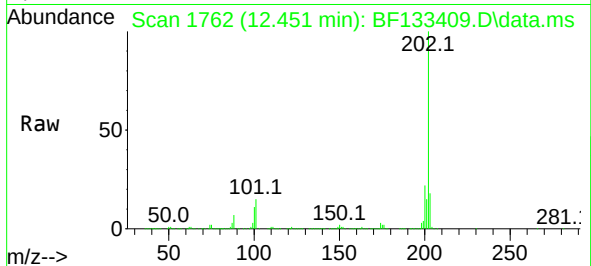






#75  
Fluoranthene  
Concen: 36.978 ng  
RT: 12.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

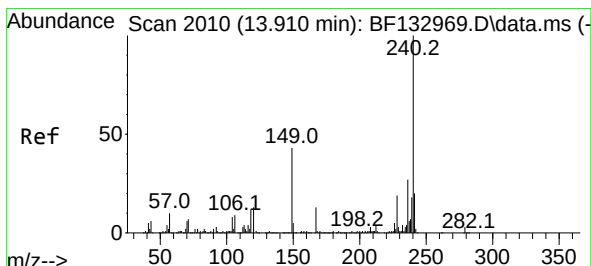
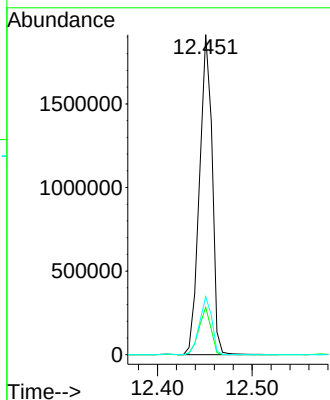
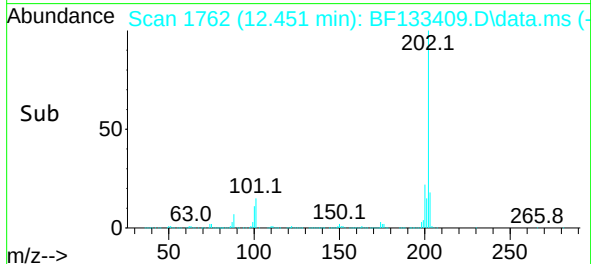
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 1779408  
Ion Ratio Lower Upper  
202 100  
101 14.8 0.0 35.3  
203 18.1 0.0 38.1

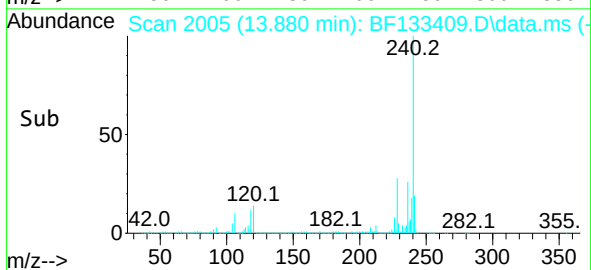
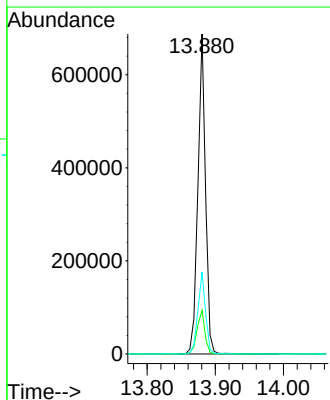
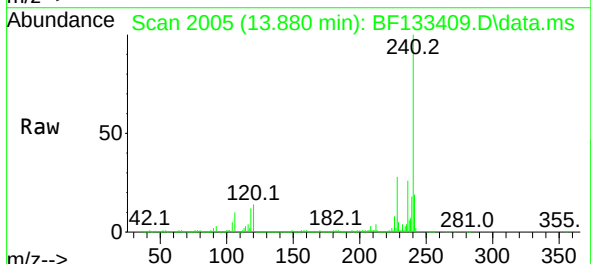
Manual Integrations  
APPROVED

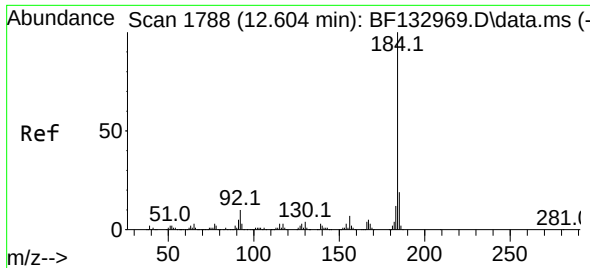
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.880 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

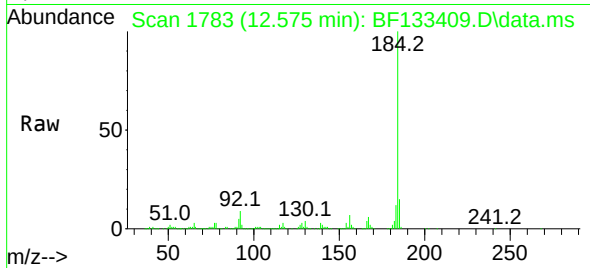
Tgt Ion:240 Resp: 533899  
Ion Ratio Lower Upper  
240 100  
120 13.6 10.5 15.7  
236 25.6 21.5 32.3





#77  
Benzidine  
Concen: 50.992 ng  
RT: 12.575 min Scan# 1788  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

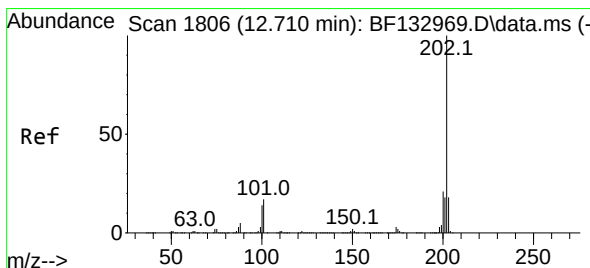
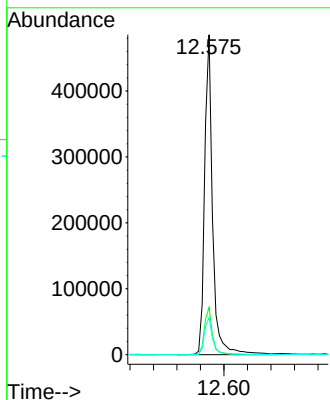
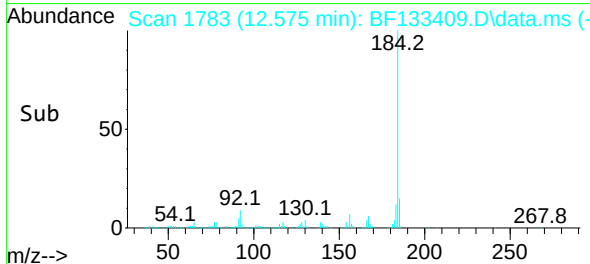
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 460380  
Ion Ratio Lower Upper  
184 100  
185 14.8 15.4 23.2  
183 11.5 9.4 14.0

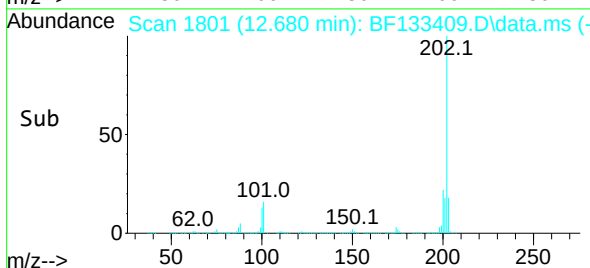
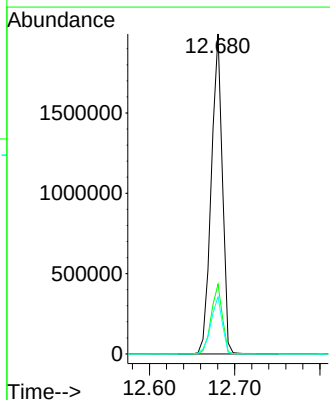
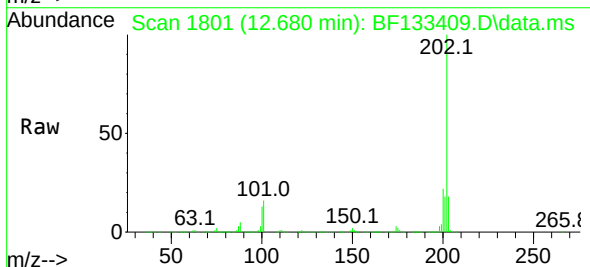
Manual Integrations  
APPROVED

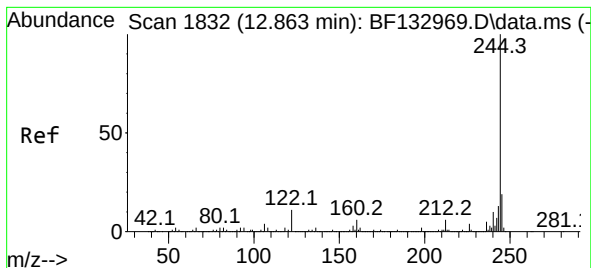
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#78  
Pyrene  
Concen: 39.374 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion:202 Resp: 1802069  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.1 25.7  
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 76.719 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133409.D

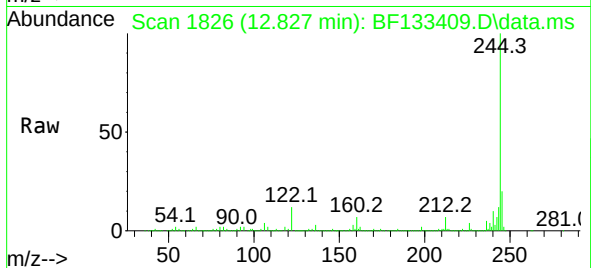
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 237496

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

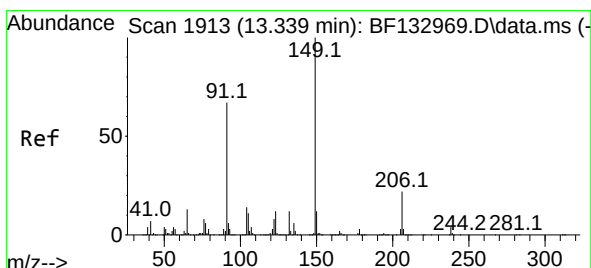
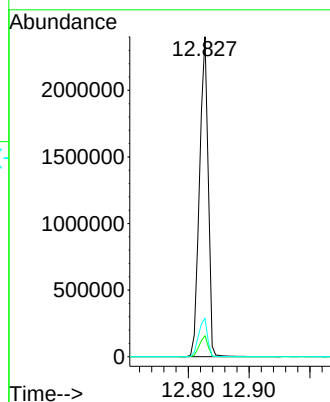
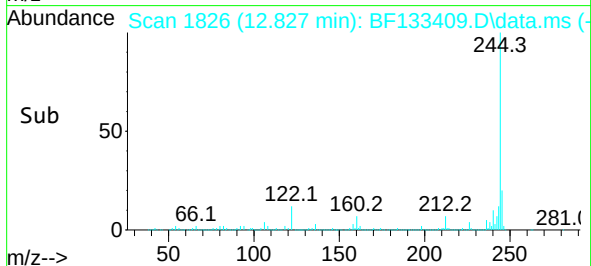
122 12.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#80

Butylbenzylphthalate

Concen: 47.407 ng

RT: 13.298 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

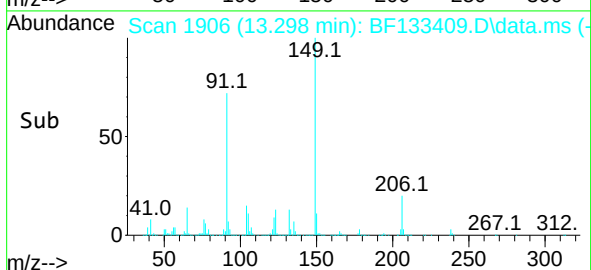
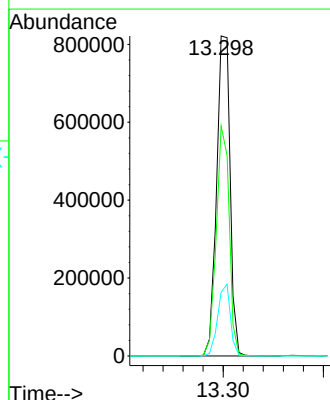
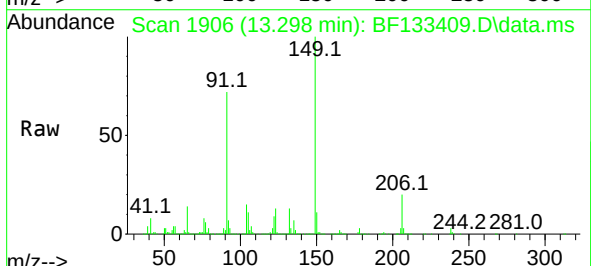
Tgt Ion:149 Resp: 768231

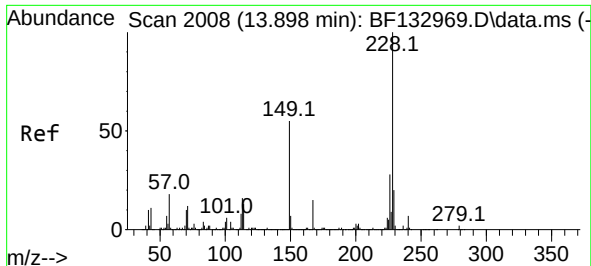
Ion Ratio Lower Upper

149 100

91 71.8 53.8 80.6

206 20.0 17.5 26.3





#81  
Benzo(a)anthracene  
Concen: 36.247 ng  
RT: 13.869 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

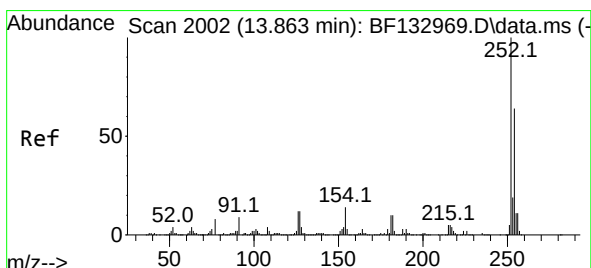
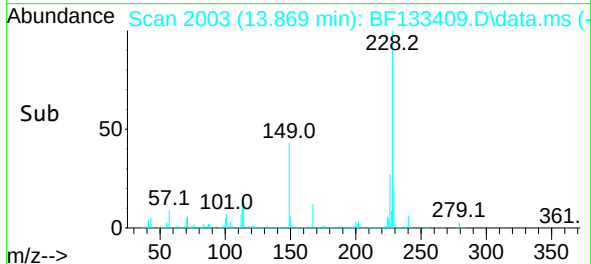
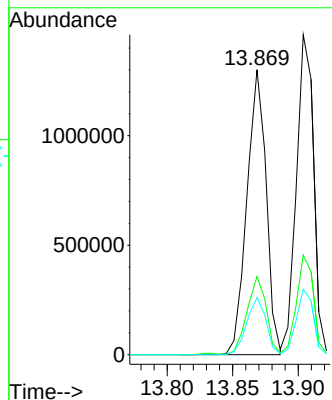
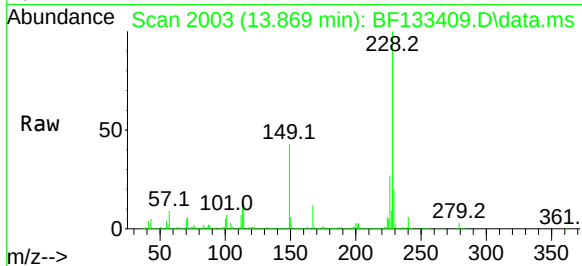
SSTDCCC040

Tgt Ion:228 Resp: 1330778  
Ion Ratio Lower Upper  
228 100  
226 27.4 22.2 33.4  
229 20.0 16.0 24.0

Manual Integrations

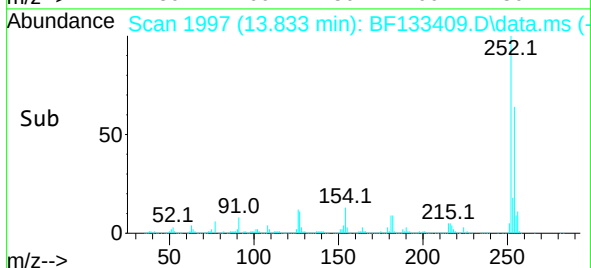
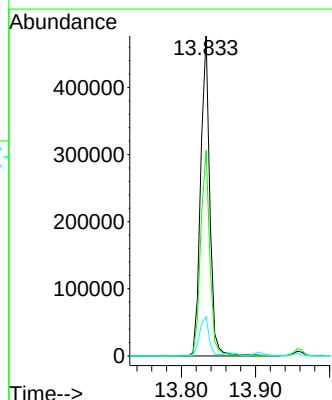
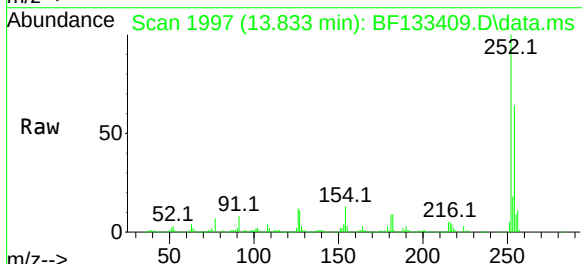
APPROVED

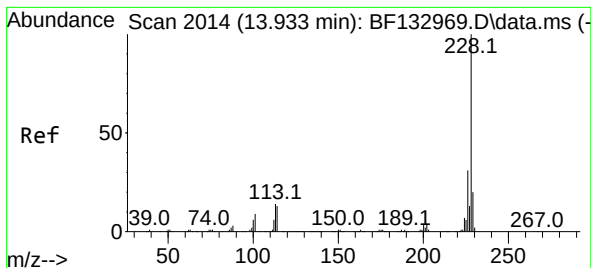
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 40.151 ng  
RT: 13.833 min Scan# 1997  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Tgt Ion:252 Resp: 407231  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.5 77.3  
126 12.3 9.5 14.3





#83

Chrysene

Concen: 36.314 ng

RT: 13.904 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1332919

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

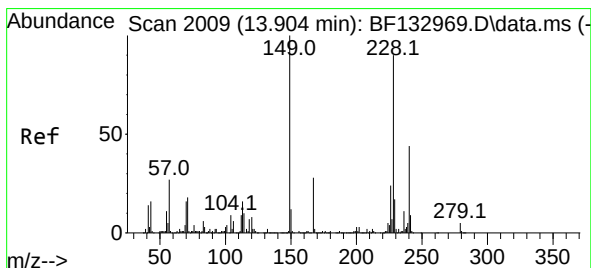
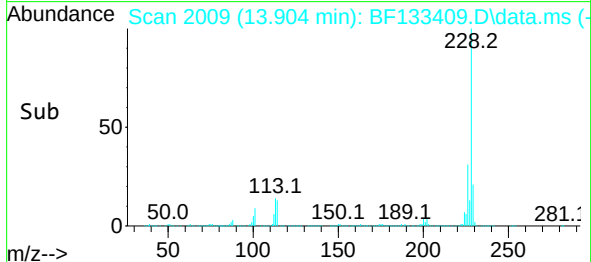
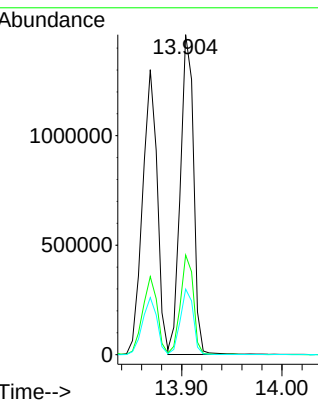
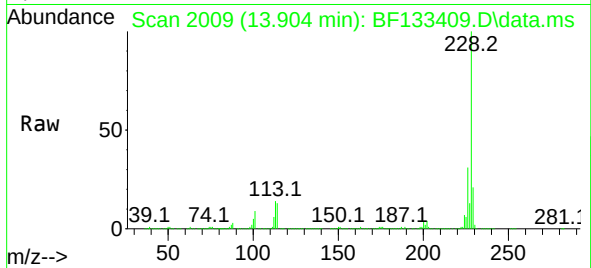
229 20.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.237 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

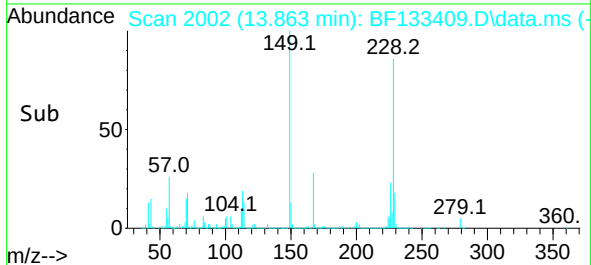
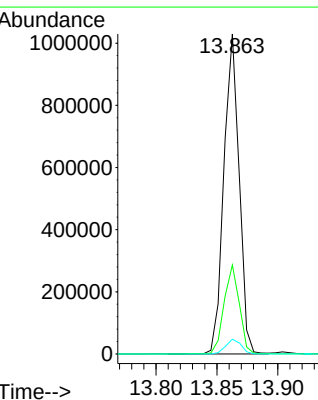
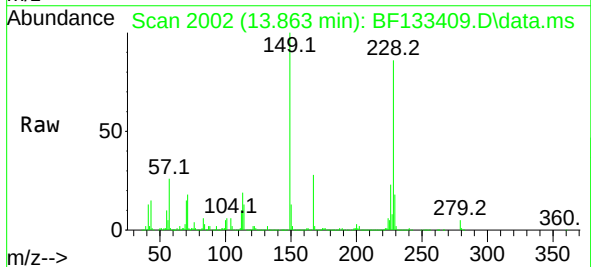
Tgt Ion:149 Resp: 899794

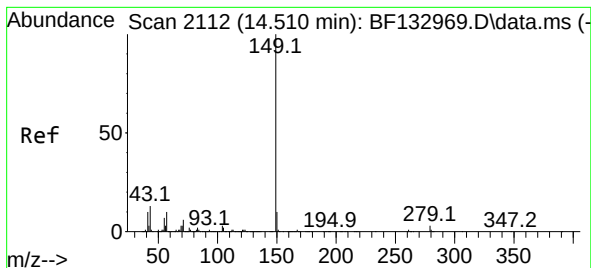
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 42.329 ng

RT: 14.474 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133409.D

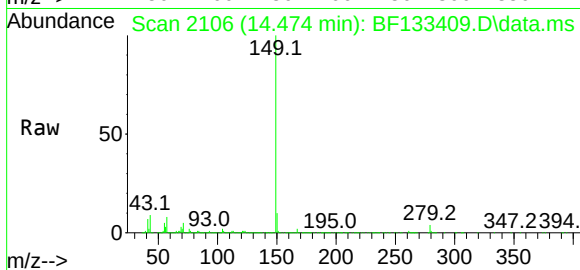
Acq: 17 May 2023 13:03

Instrument :

BNF

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 1403894

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

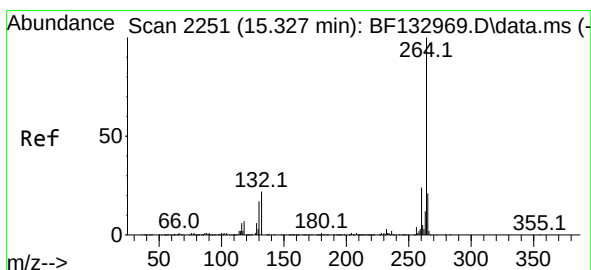
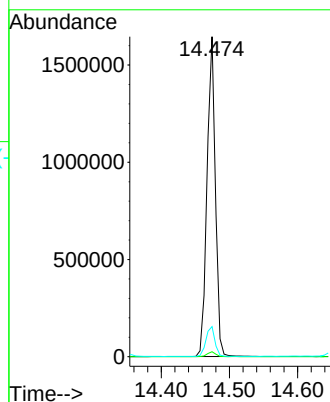
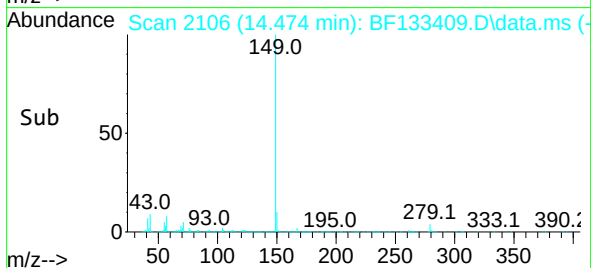
43 10.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

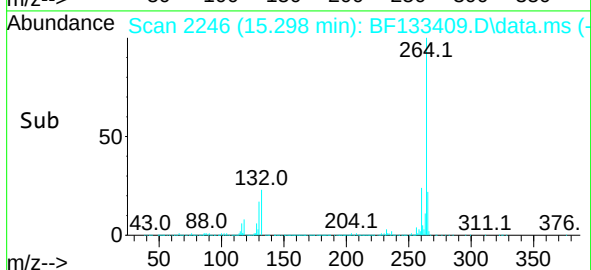
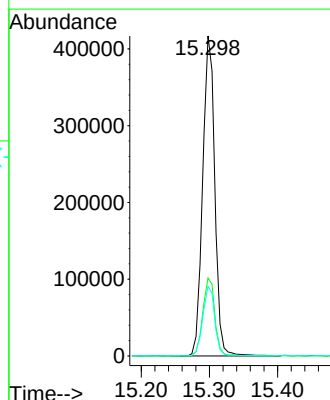
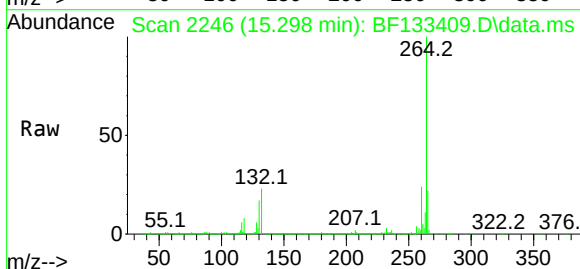
Tgt Ion:264 Resp: 515978

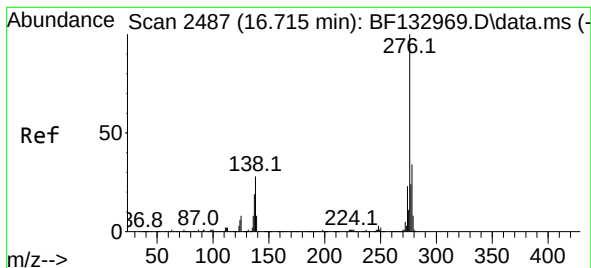
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.367 ng

RT: 16.686 min Scan# 2487

Delta R.T. -0.012 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1214110

Ion Ratio Lower Upper

276 100

138 31.2 25.5 38.3

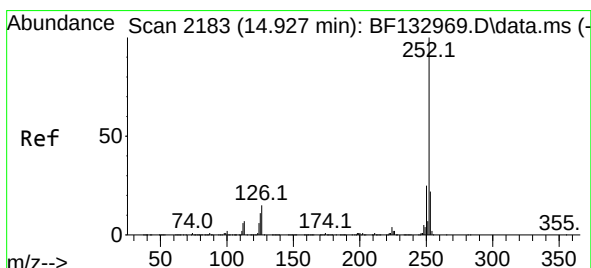
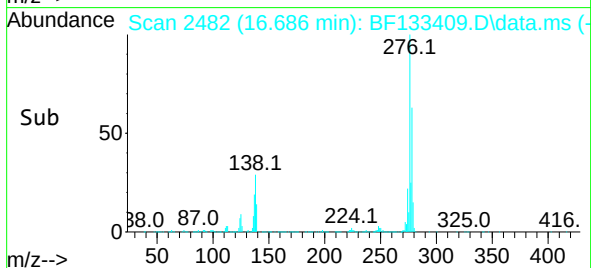
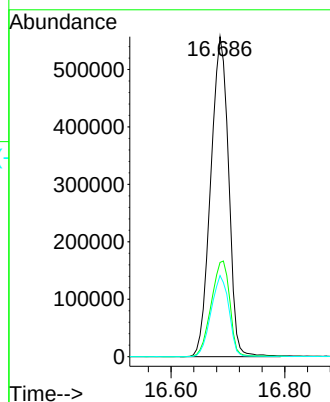
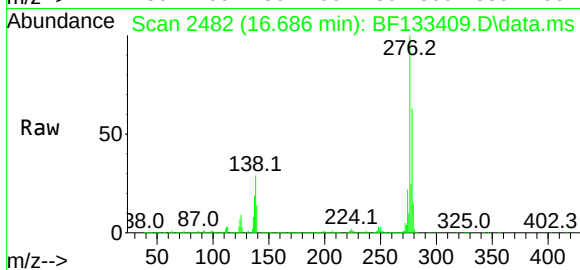
277 25.4 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#88

Benzo(b)fluoranthene

Concen: 34.829 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 13:03

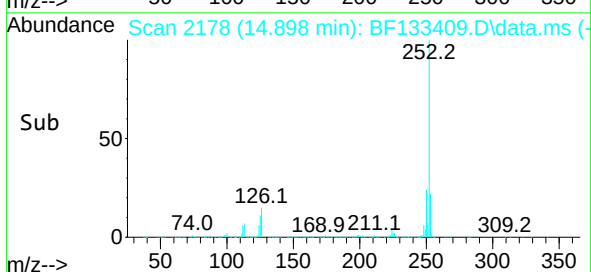
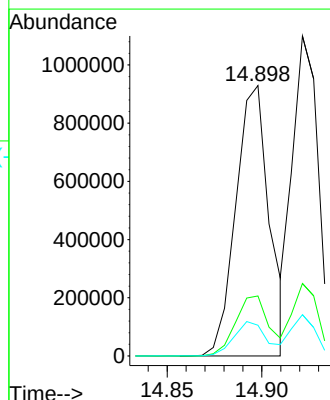
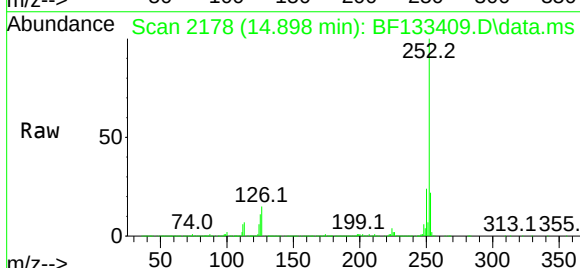
Tgt Ion:252 Resp: 1143282

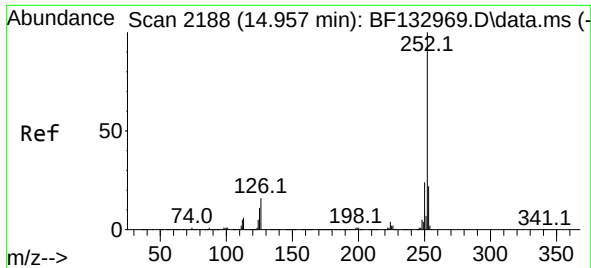
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

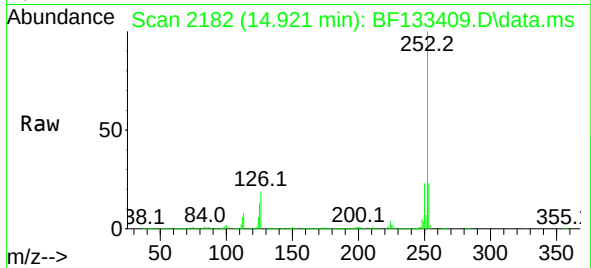
125 11.4 8.9 13.3





#89  
Benzo(k)fluoranthene  
Concen: 32.603 ng  
RT: 14.921 min Scan# 2188  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

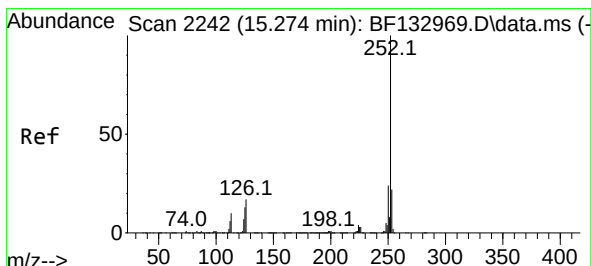
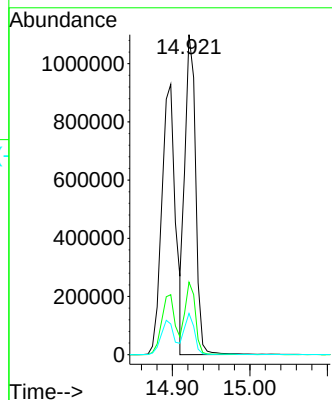
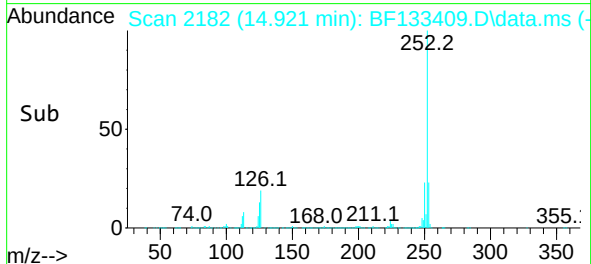
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



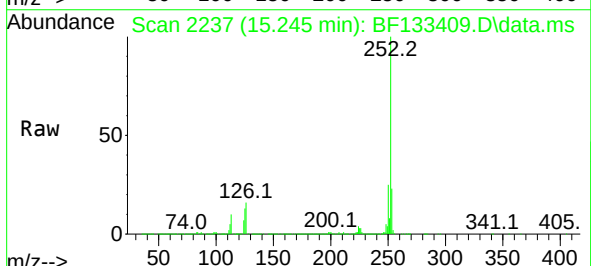
Tgt Ion:252 Resp: 1060904  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.7 26.5  
125 12.9 9.0 13.4

Manual Integrations  
APPROVED

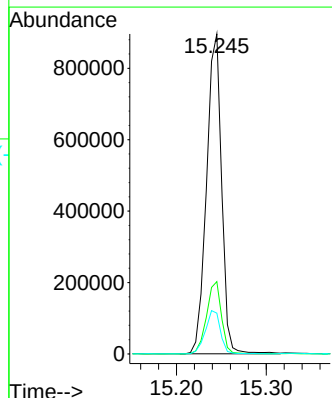
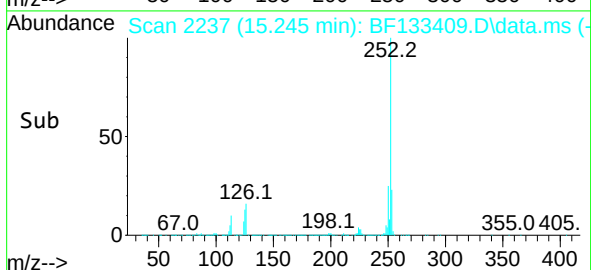
Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



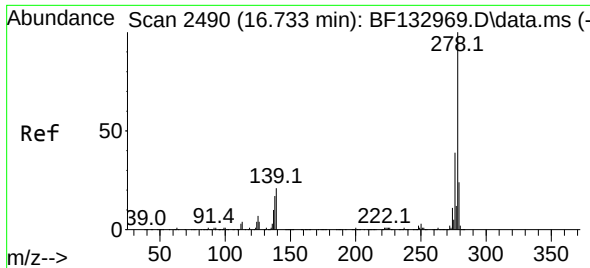
#90  
Benzo(a)pyrene  
Concen: 34.910 ng  
RT: 15.245 min Scan# 2237  
Delta R.T. 0.000 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:252 Resp: 1043063  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.7 26.5  
125 12.8 10.5 15.7







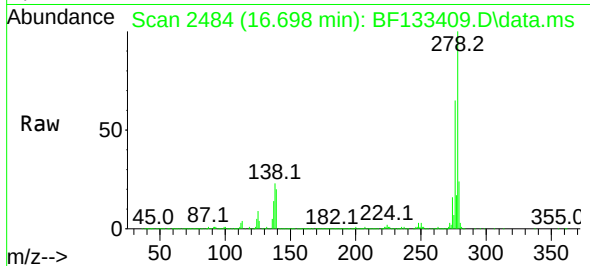
#91  
Dibenzo(a,h)anthracene  
Concen: 41.142 ng  
RT: 16.698 min Scan# 2490  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

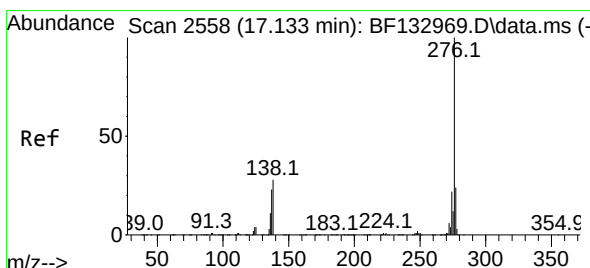
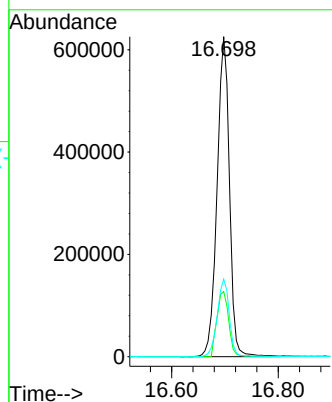
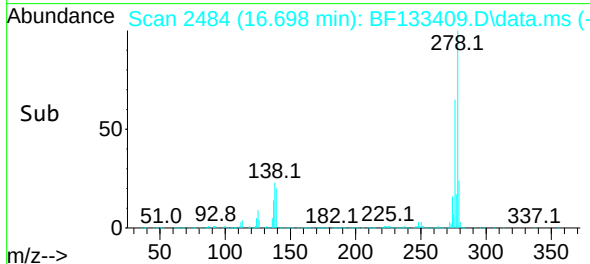


Tgt Ion:278 Resp: 100713  
Ion Ratio Lower Upper  
278 100  
139 20.4 16.6 24.8  
279 24.2 18.8 28.2

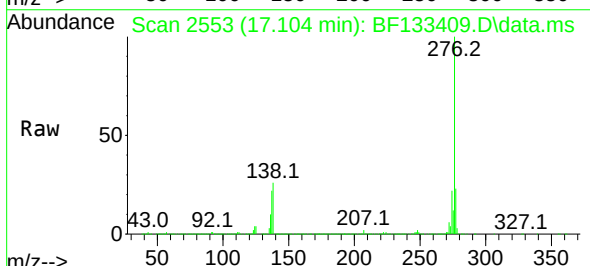
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023  
Supervised By :Jagrut Upadhyay 05/18/2023



#92  
Benzo(g,h,i)perylene  
Concen: 42.794 ng  
RT: 17.104 min Scan# 2553  
Delta R.T. -0.006 min  
Lab File: BF133409.D  
Acq: 17 May 2023 13:03



Tgt Ion:276 Resp: 1034224  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.4 29.0  
138 26.3 22.7 34.1

