

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080922\  
 Data File : BF129658.D  
 Acq On : 09 Aug 2022 10:04  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 09 12:26:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 16:27:34 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian  
 Giraldo

08/10/2022  
 Supervised By :Jagrut  
 Upadhyay

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.845  | 152  | 222733   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.128  | 136  | 892475   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.886  | 164  | 484312   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.374 | 188  | 795761   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.027 | 240  | 473133   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.498 | 264  | 410823   | 20.000 | ng    | 0.00     |

|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.475  | 112 | 1040803 | 76.121 | ng | 0.00 |
| 7) Phenol-d6                | 6.498  | 99  | 1356686 | 78.941 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.416  | 82  | 1333703 | 81.576 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.680 | 330 | 390750  | 83.919 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.204  | 172 | 2421587 | 77.348 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.963 | 244 | 2285993 | 91.152 | ng | 0.00 |

|                               |       |     |         |        |    |        |
|-------------------------------|-------|-----|---------|--------|----|--------|
| Target Compounds              |       |     |         |        |    | Qvalue |
| 2) 1,4-Dioxane                | 2.587 | 88  | 223870  | 36.289 | ng | 88     |
| 3) Pyridine                   | 3.369 | 79  | 637449  | 37.208 | ng | 87     |
| 4) n-Nitrosodimethylamine     | 3.334 | 42  | 286270  | 38.053 | ng | # 91   |
| 6) Aniline                    | 6.516 | 93  | 775847  | 36.313 | ng | # 35   |
| 8) 2-Chlorophenol             | 6.639 | 128 | 608248  | 40.718 | ng | 96     |
| 9) Benzaldehyde               | 6.398 | 77  | 414249  | 35.493 | ng | 98     |
| 10) Phenol                    | 6.510 | 94  | 733662m | 40.087 | ng |        |
| 11) bis(2-Chloroethyl)ether   | 6.587 | 93  | 592740  | 40.838 | ng | 89     |
| 12) 1,3-Dichlorobenzene       | 6.787 | 146 | 645093  | 40.265 | ng | 97     |
| 13) 1,4-Dichlorobenzene       | 6.863 | 146 | 656609  | 40.299 | ng | 99     |
| 14) 1,2-Dichlorobenzene       | 7.016 | 146 | 610147  | 40.740 | ng | 98     |
| 15) Benzyl Alcohol            | 6.998 | 79  | 530949  | 42.597 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122 | 45  | 776430  | 35.587 | ng | 56     |
| 17) 2-Methylphenol            | 7.110 | 107 | 491011  | 39.622 | ng | # 89   |
| 18) Hexachloroethane          | 7.351 | 117 | 254555  | 41.491 | ng | 92     |
| 19) n-Nitroso-di-n-propyla... | 7.269 | 70  | 438728  | 42.168 | ng | 90     |
| 20) 3+4-Methylphenols         | 7.269 | 107 | 631031  | 40.049 | ng | 92     |
| 22) Acetophenone              | 7.263 | 105 | 848950  | 40.857 | ng | # 96   |
| 24) Nitrobenzene              | 7.434 | 77  | 671457  | 39.883 | ng | 97     |
| 25) Isophorone                | 7.675 | 82  | 1202075 | 41.018 | ng | 98     |
| 26) 2-Nitrophenol             | 7.745 | 139 | 346962  | 41.775 | ng | 98     |
| 27) 2,4-Dimethylphenol        | 7.792 | 122 | 506446m | 40.651 | ng |        |
| 28) bis(2-Chloroethoxy)met... | 7.875 | 93  | 690464  | 40.615 | ng | 99     |
| 29) 2,4-Dichlorophenol        | 7.998 | 162 | 519341  | 40.388 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene    | 8.069 | 180 | 536590  | 40.315 | ng | 97     |
| 31) Naphthalene               | 8.151 | 128 | 1810640 | 39.932 | ng | 100    |
| 32) Benzoic acid              | 7.939 | 122 | 260735m | 28.950 | ng |        |
| 33) 4-Chloroaniline           | 8.204 | 127 | 753544  | 40.479 | ng | 98     |
| 34) Hexachlorobutadiene       | 8.257 | 225 | 326628  | 43.172 | ng | 100    |
| 35) Caprolactam               | 8.598 | 113 | 170066m | 40.680 | ng |        |
| 36) 4-Chloro-3-methylphenol   | 8.698 | 107 | 575485  | 42.196 | ng | 97     |
| 37) 2-Methylnaphthalene       | 8.839 | 142 | 1213835 | 41.194 | ng | 99     |
| 38) 1-Methylnaphthalene       | 8.939 | 142 | 1181774 | 41.545 | ng | 97     |
| 40) 1,2,4,5-Tetrachloroben... | 9.010 | 216 | 527221  | 41.458 | ng | 99     |
| 41) Hexachlorocyclopentadiene | 8.986 | 237 | 203784  | 35.987 | ng | 98     |
| 43) 2,4,6-Trichlorophenol     | 9.128 | 196 | 363545  | 39.360 | ng | 97     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo

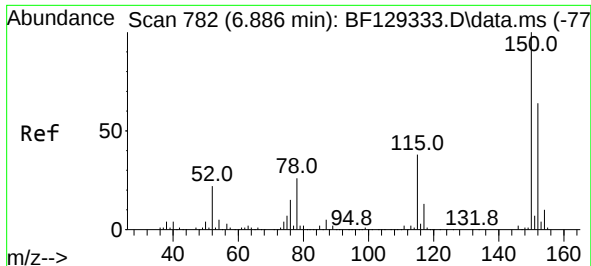
08/10/2022  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Aug 09 12:26:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
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 QLast Update : Fri Aug 05 16:27:34 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|--------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 9.175  | 196  | 395944   | 39.419 | ng    | #        | 93  |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 1450085  | 41.027 | ng    |          | 100 |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 1138118  | 39.832 | ng    |          | 100 |
| 48) 2-Nitroaniline            | 9.439  | 65   | 377600   | 39.742 | ng    |          | 85  |
| 49) Acenaphthylene            | 9.751  | 152  | 1685181  | 38.814 | ng    |          | 100 |
| 50) Dimethylphthalate         | 9.610  | 163  | 1406753  | 42.076 | ng    |          | 99  |
| 51) 2,6-Dinitrotoluene        | 9.680  | 165  | 305729   | 40.856 | ng    |          | 99  |
| 52) Acenaphthene              | 9.922  | 154  | 1137426m | 40.111 | ng    |          |     |
| 53) 3-Nitroaniline            | 9.857  | 138  | 340047   | 38.483 | ng    | #        | 88  |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 143638   | 37.600 | ng    |          | 90  |
| 55) Dibenzofuran              | 10.092 | 168  | 1525469  | 39.024 | ng    |          | 95  |
| 56) 4-Nitrophenol             | 10.033 | 139  | 224667   | 34.463 | ng    |          | 99  |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 381948   | 39.072 | ng    |          | 92  |
| 58) Fluorene                  | 10.439 | 166  | 1270687  | 40.626 | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 299896   | 38.635 | ng    |          | 95  |
| 60) Diethylphthalate          | 10.310 | 149  | 1360269  | 42.088 | ng    |          | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 587155   | 42.581 | ng    | #        | 87  |
| 62) 4-Nitroaniline            | 10.475 | 138  | 327532   | 37.365 | ng    |          | 97  |
| 63) Azobenzene                | 10.586 | 77   | 1312962  | 39.829 | ng    |          | 95  |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 208457   | 41.503 | ng    |          | 84  |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 1097083  | 41.398 | ng    |          | 96  |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 379387   | 43.538 | ng    |          | 95  |
| 68) Hexachlorobenzene         | 10.986 | 284  | 417806   | 44.251 | ng    |          | 99  |
| 69) Atrazine                  | 11.080 | 200  | 338005   | 41.991 | ng    |          | 97  |
| 70) Pentachlorophenol         | 11.186 | 266  | 193150   | 37.631 | ng    |          | 98  |
| 71) Phenanthrene              | 11.404 | 178  | 1754232  | 40.384 | ng    |          | 100 |
| 72) Anthracene                | 11.457 | 178  | 1726929  | 40.455 | ng    |          | 100 |
| 73) Carbazole                 | 11.616 | 167  | 1536671  | 38.241 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 2097307  | 43.827 | ng    |          | 99  |
| 75) Fluoranthene              | 12.592 | 202  | 1727716  | 39.255 | ng    |          | 99  |
| 77) Benzidine                 | 12.716 | 184  | 626866   | 37.504 | ng    |          | 99  |
| 78) Pyrene                    | 12.821 | 202  | 1704334  | 43.077 | ng    |          | 100 |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 783307   | 45.644 | ng    |          | 98  |
| 81) Benzo(a)anthracene        | 14.015 | 228  | 1305695  | 40.400 | ng    |          | 100 |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 416887   | 39.068 | ng    |          | 98  |
| 83) Chrysene                  | 14.051 | 228  | 1212718  | 39.814 | ng    |          | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 1030324  | 45.604 | ng    |          | 99  |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 1533218  | 47.158 | ng    |          | 96  |
| 87) Indeno(1,2,3-cd)pyrene    | 16.998 | 276  | 1199549  | 43.359 | ng    |          | 98  |
| 88) Benzo(b)fluoranthene      | 15.068 | 252  | 1091895  | 40.068 | ng    |          | 100 |
| 89) Benzo(k)fluoranthene      | 15.098 | 252  | 1038167  | 38.875 | ng    |          | 100 |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 882507   | 39.893 | ng    |          | 99  |
| 91) Dibenzo(a,h)anthracene    | 17.004 | 278  | 992944   | 44.098 | ng    |          | 99  |
| 92) Benzo(g,h,i)perylene      | 17.451 | 276  | 995809   | 43.280 | ng    |          | 99  |

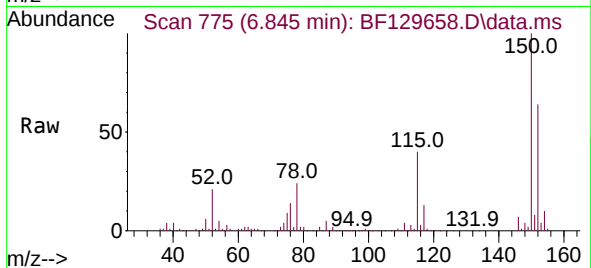
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



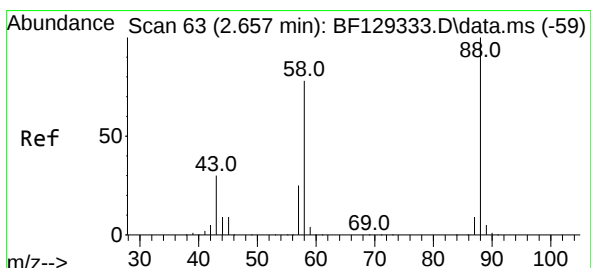
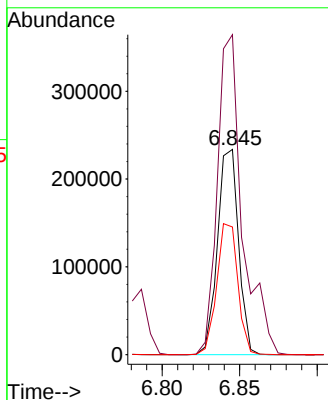
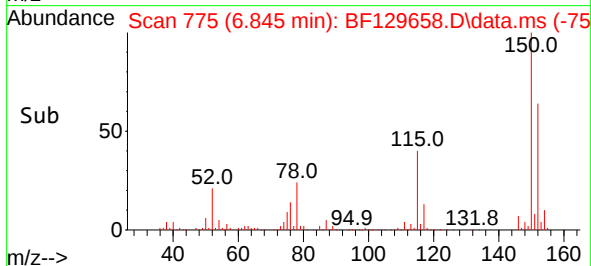
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Ion Ratio Lower Upper  
152 100  
150 156.0 123.7 185.5  
115 62.2 49.9 74.9

Manual Integrations  
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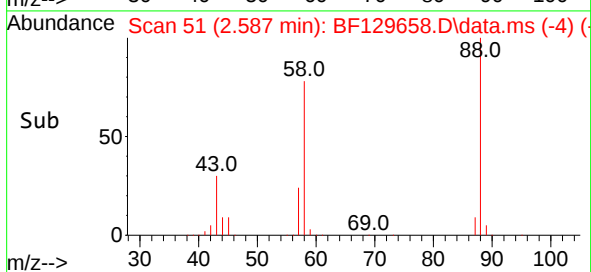
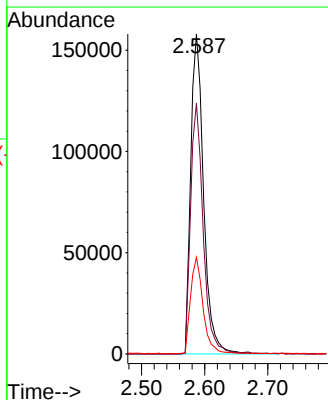
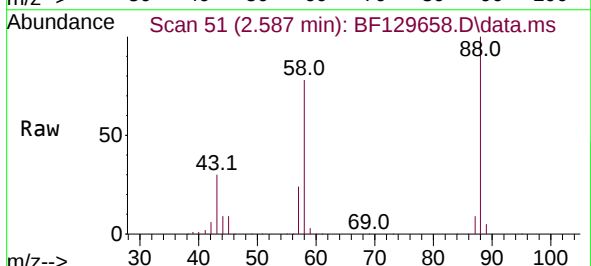
08/10/2022  
Supervised By :Jagrut  
Upadhyay

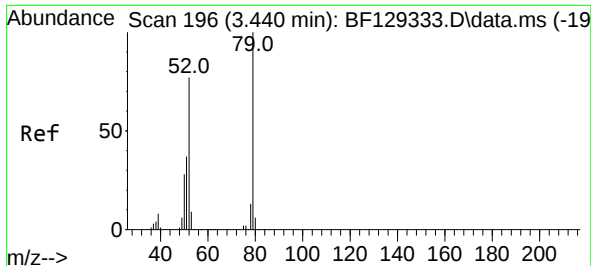
08/10/2022



#2  
1,4-Dioxane  
Concen: 36.289 ng  
RT: 2.587 min Scan# 51  
Delta R.T. -0.024 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

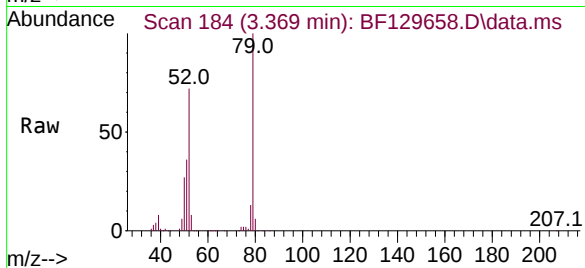
Tgt Ion: 88 Resp: 223870  
Ion Ratio Lower Upper  
88 100  
58 76.4 71.8 107.8  
43 29.8 26.6 39.8





#3  
Pyridine  
Concen: 37.208 ng  
RT: 3.369 min Scan# 18  
Delta R.T. -0.024 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



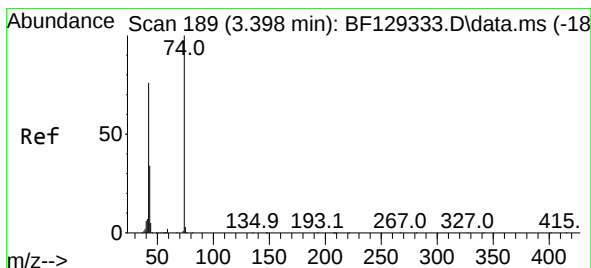
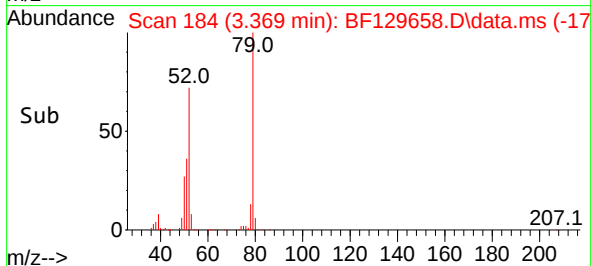
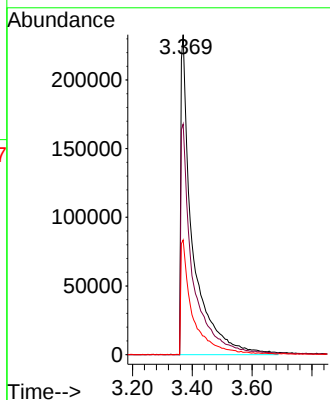
Tgt Ion: 79 Resp: 637449  
Ion Ratio Lower Upper  
79 100  
52 72.0 68.6 102.8  
51 35.8 32.9 49.3

Manual Integrations  
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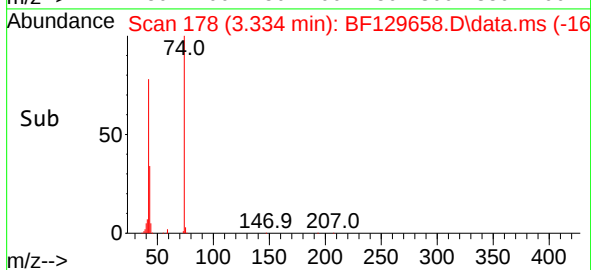
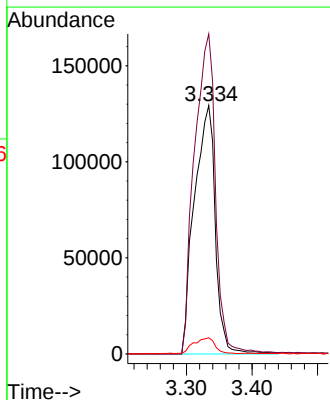
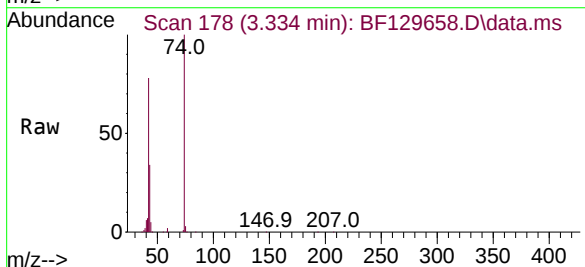
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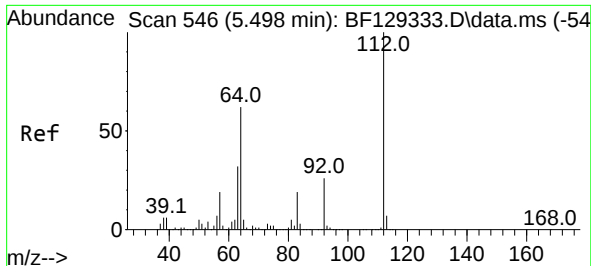
08/10/2022



#4  
n-Nitrosodimethylamine  
Concen: 38.053 ng  
RT: 3.334 min Scan# 178  
Delta R.T. -0.018 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion: 42 Resp: 286270  
Ion Ratio Lower Upper  
42 100  
74 128.8 94.8 142.2  
44 6.5 6.6 10.0#





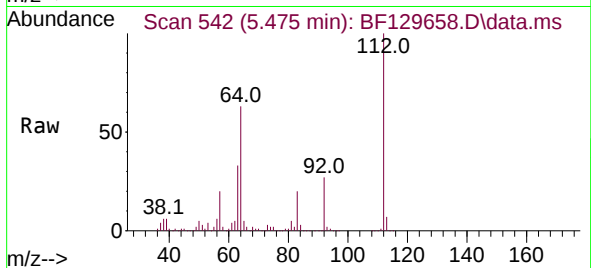
#5  
2-Fluorophenol  
Concen: 76.121 ng  
RT: 5.475 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:112 Resp: 1040803  
Ion Ratio Lower Upper  
112 100  
64 62.7 53.3 79.9  
63 33.1 28.0 42.0

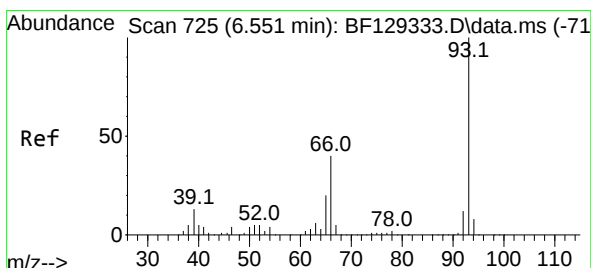
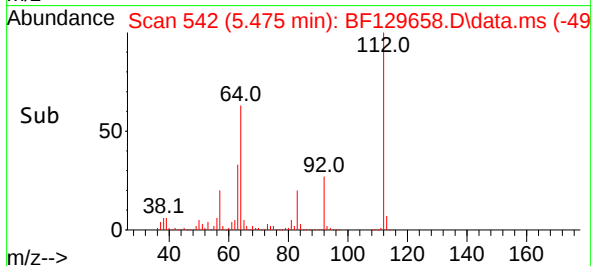
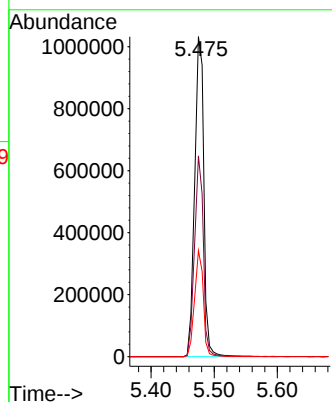
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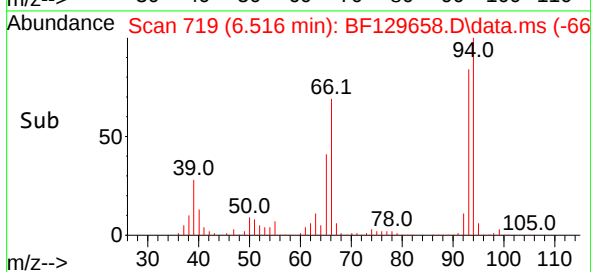
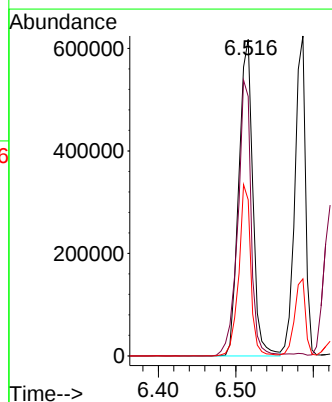
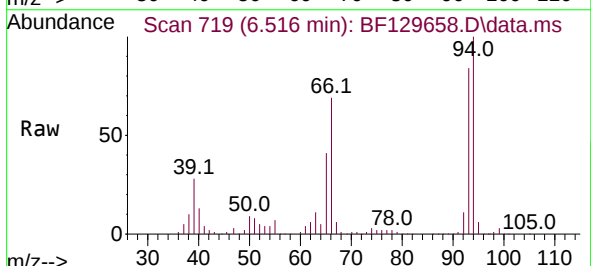
Supervised By :Jagrut  
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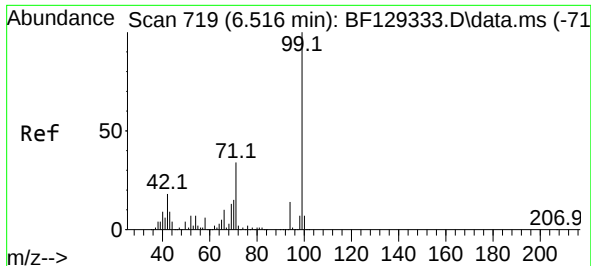
08/10/2022



#6  
Aniline  
Concen: 36.313 ng  
RT: 6.516 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

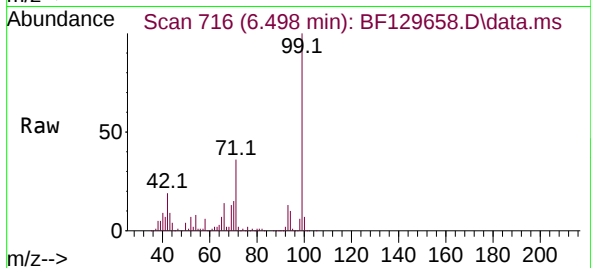
Tgt Ion: 93 Resp: 775847  
Ion Ratio Lower Upper  
93 100  
66 82.0 32.5 48.7#  
65 49.4 16.4 24.6#





#7  
Phenol-d6  
Concen: 78.941 ng  
RT: 6.498 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



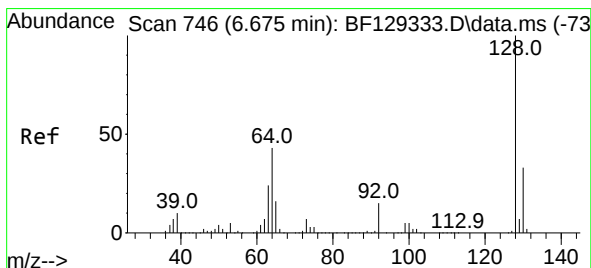
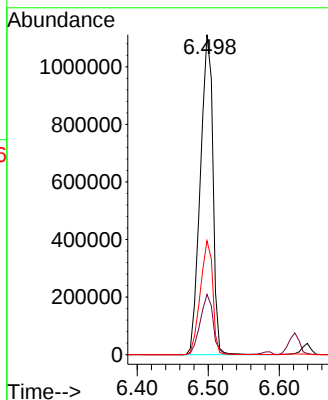
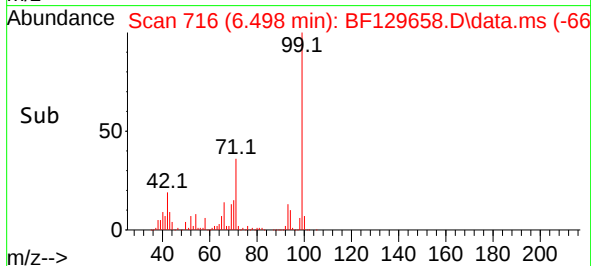
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Ion Ratio Lower Upper  
99 100  
42 18.8 17.3 25.9  
71 35.6 28.9 43.3

Manual Integrations  
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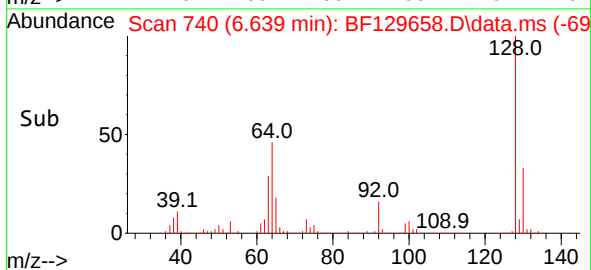
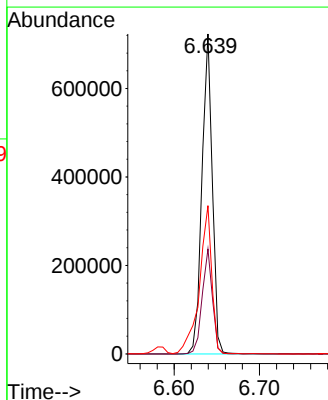
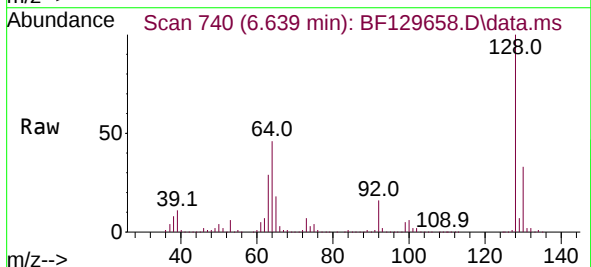
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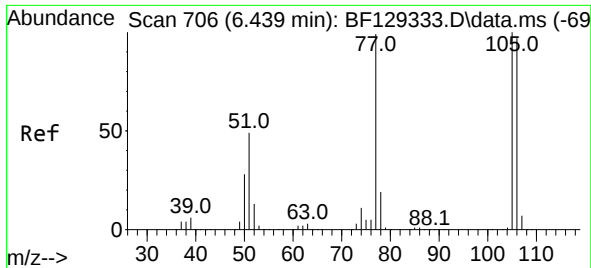
08/10/2022



#8  
2-Chlorophenol  
Concen: 40.718 ng  
RT: 6.639 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:128 Resp: 608248  
Ion Ratio Lower Upper  
128 100  
130 32.8 13.1 53.1  
64 46.3 30.9 70.9





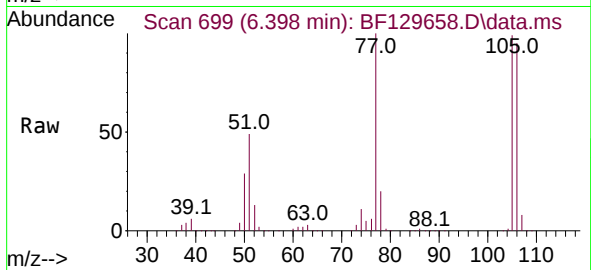
#9  
Benzaldehyde  
Concen: 35.493 ng  
RT: 6.398 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 414249  
Ion Ratio Lower Upper  
77 100  
105 98.5 81.6 121.6  
106 95.3 76.1 116.1

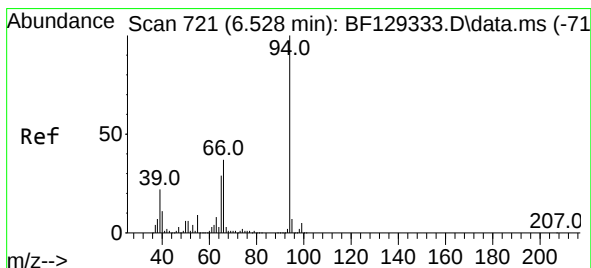
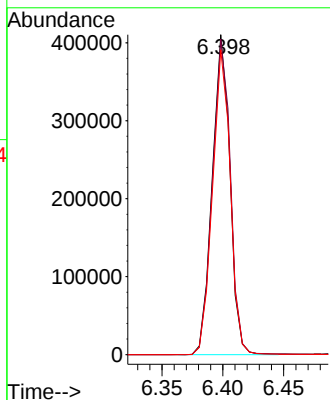
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Reviewed By :Christian  
Giraldo

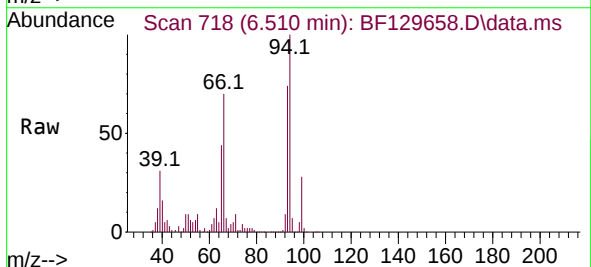
08/10/2022

Supervised By :Jagrut  
Upadhyay

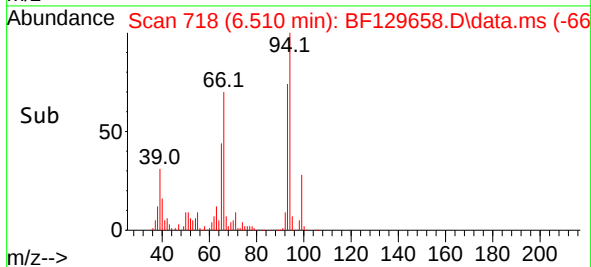
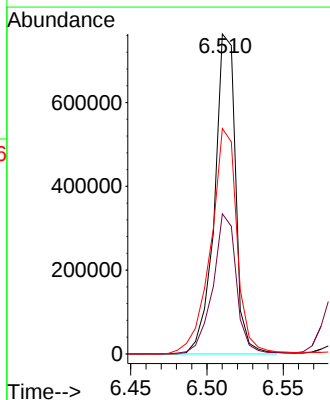
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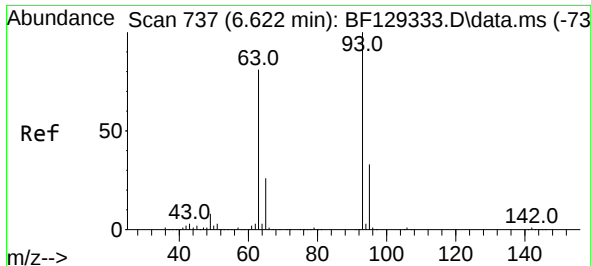


#10  
Phenol  
Concen: 40.087 ng m  
RT: 6.510 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04



Tgt Ion: 94 Resp: 733662  
Ion Ratio Lower Upper  
94 100  
65 43.8 11.4 51.4  
66 70.4 21.4 61.4#





#11  
bis(2-Chloroethyl)ether  
Concen: 40.838 ng  
RT: 6.587 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

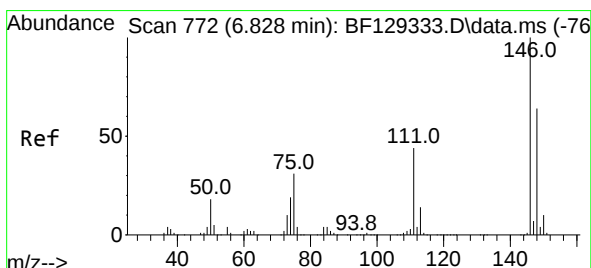
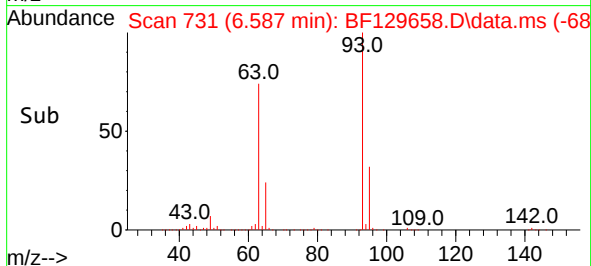
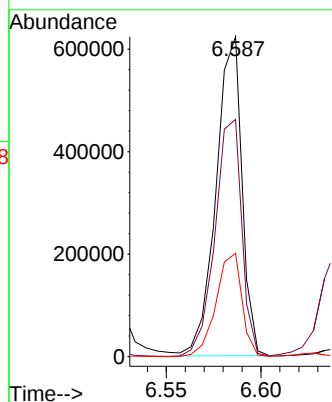
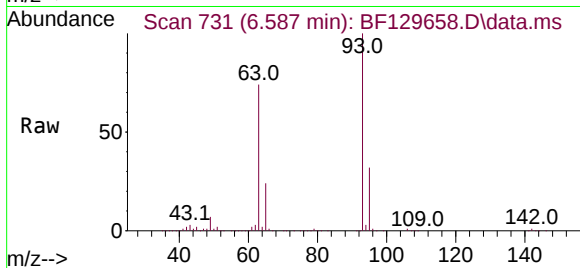
Tgt Ion: 93 Resp: 592740  
Ion Ratio Lower Upper  
93 100  
63 74.1 67.4 107.4  
95 32.3 12.7 52.7

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Reviewed By :Christian  
Giraldo

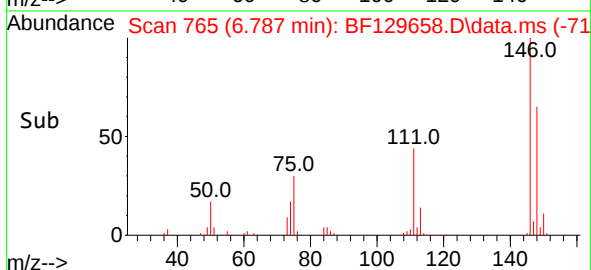
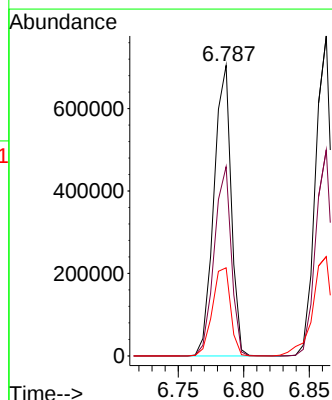
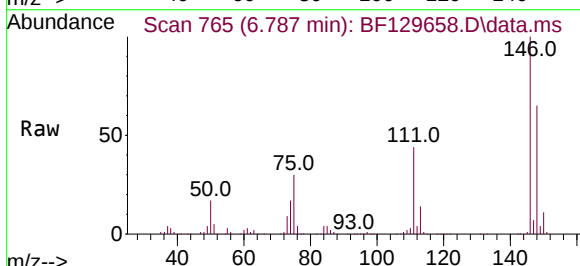
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Upadhyay

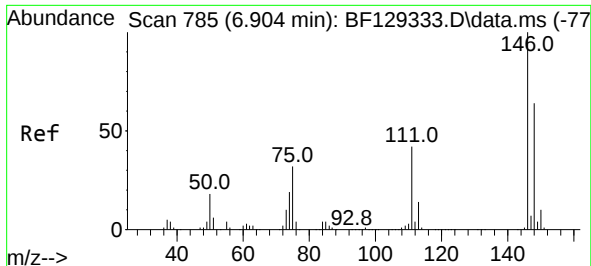
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#12  
1,3-Dichlorobenzene  
Concen: 40.265 ng  
RT: 6.787 min Scan# 765  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

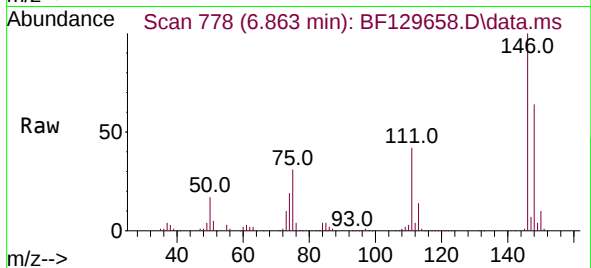
Tgt Ion:146 Resp: 645093  
Ion Ratio Lower Upper  
146 100  
148 65.1 50.6 75.8  
75 30.3 26.3 39.5





#13  
1,4-Dichlorobenzene  
Concen: 40.299 ng  
RT: 6.863 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



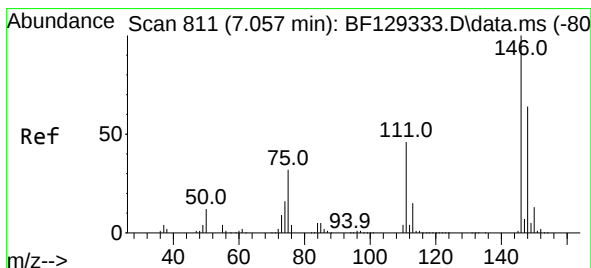
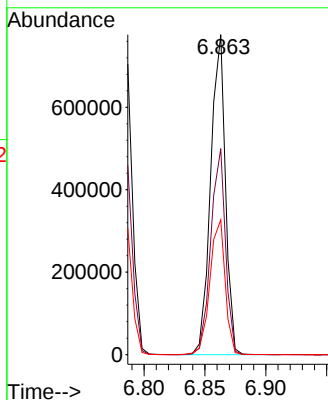
Tgt Ion:146 Resp: 656609  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.1 76.7  
111 42.1 34.2 51.4

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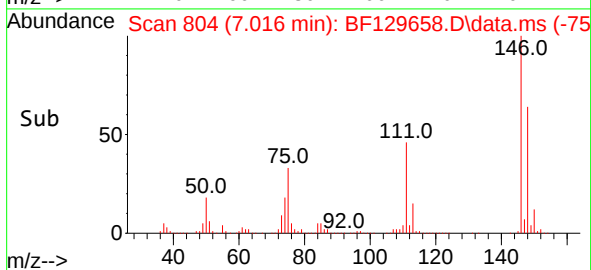
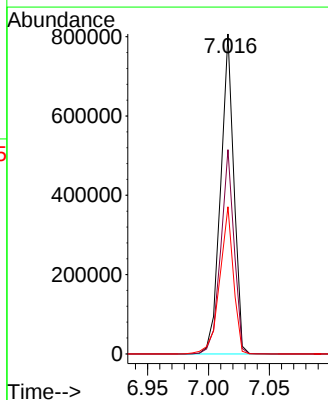
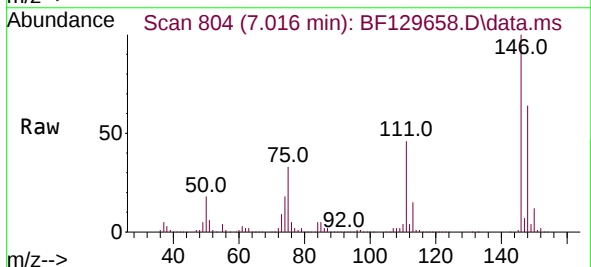
08/10/2022  
Supervised By :Jagrut  
Upadhyay

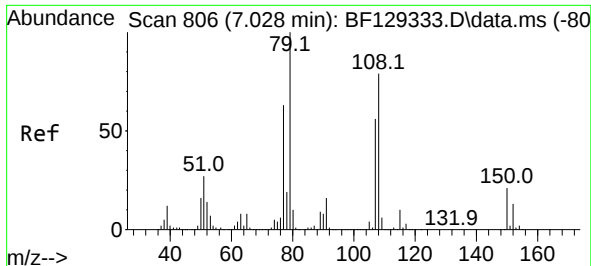
08/10/2022



#14  
1,2-Dichlorobenzene  
Concen: 40.740 ng  
RT: 7.016 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:146 Resp: 610147  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.8 77.8  
111 46.0 35.1 52.7





#15

Benzyl Alcohol

Concen: 42.597 ng

RT: 6.998 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF129658.D

Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 530949

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 74.5  | 61.8  | 92.6  |
| 77  | 62.6  | 50.2  | 75.4  |

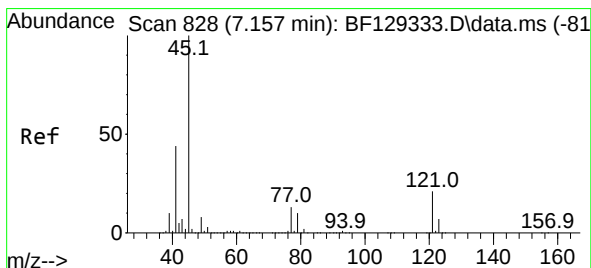
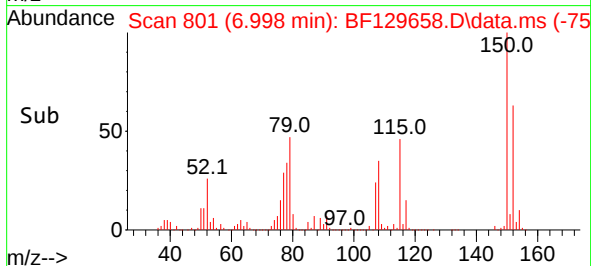
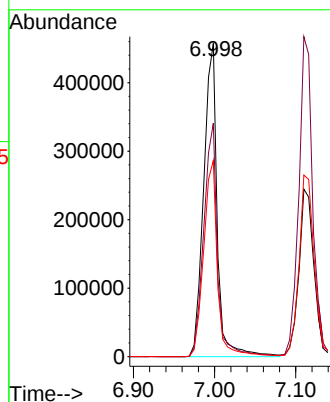
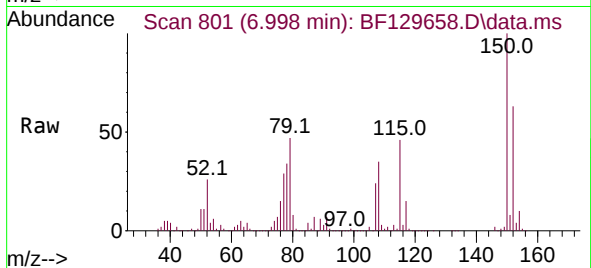
Manual Integrations  
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Giraldo

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Supervised By :Jagrut  
Upadhyay

08/10/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.587 ng

RT: 7.122 min Scan# 822

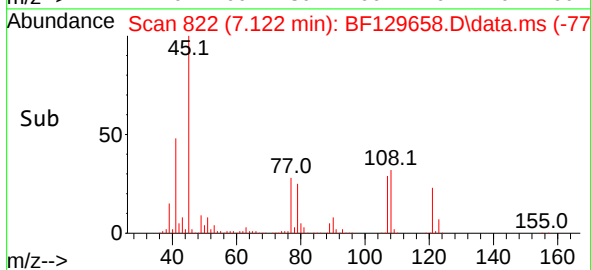
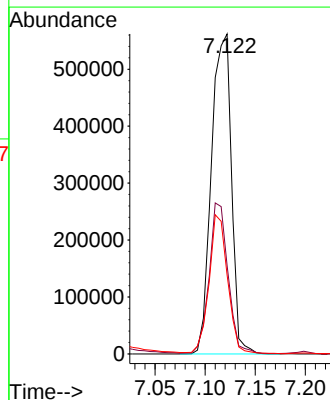
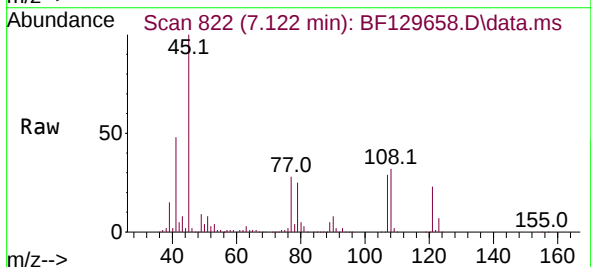
Delta R.T. -0.006 min

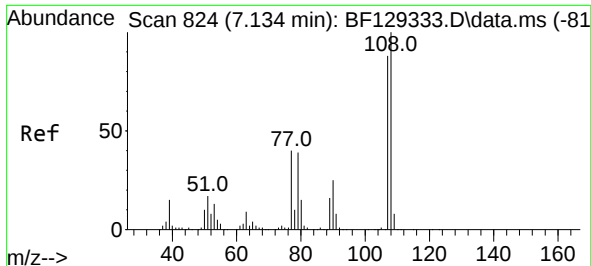
Lab File: BF129658.D

Acq: 09 Aug 2022 10:04

Tgt Ion: 45 Resp: 776430

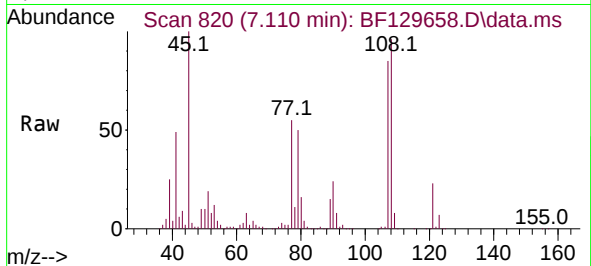
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 27.7  | 0.0   | 31.3  |
| 79  | 24.7  | 0.0   | 28.3  |





#17  
2-Methylphenol  
Concen: 39.622 ng  
RT: 7.110 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



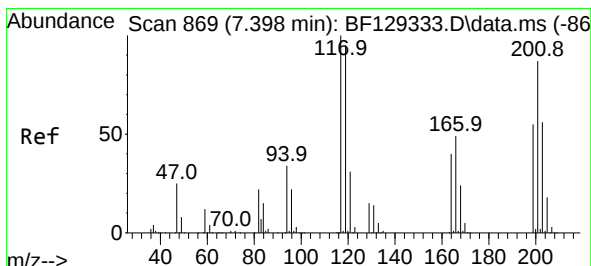
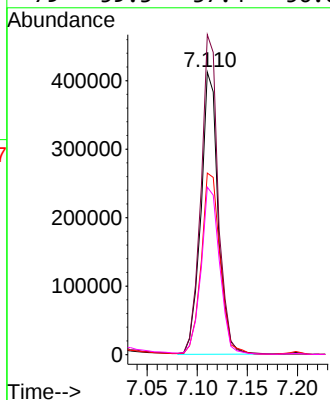
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 49101 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 113.3 | 91.9  | 137.9 |
| 77       | 64.3  | 37.8  | 56.8  |
| 79       | 59.3  | 37.4  | 56.0  |

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Giraldo

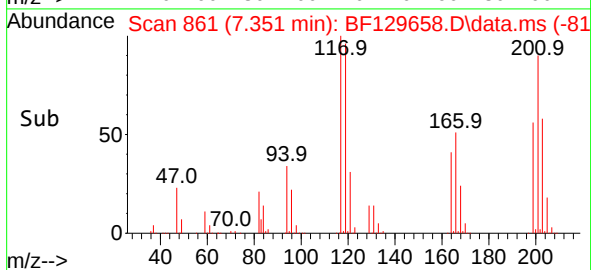
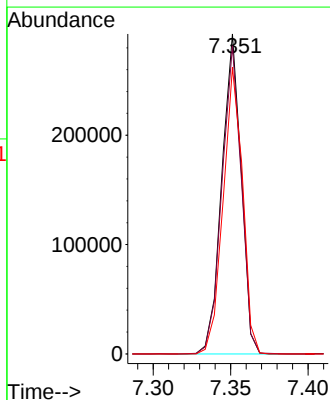
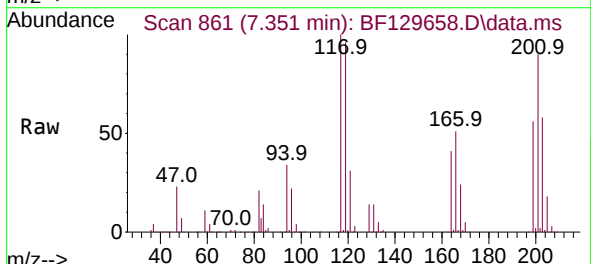
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Upadhyay

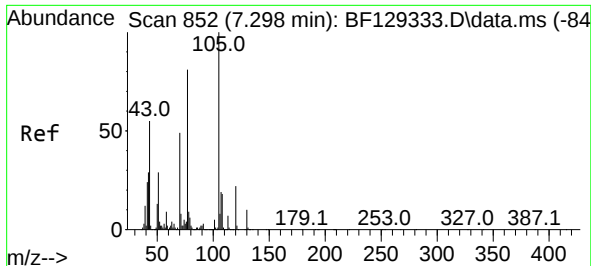
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#18  
Hexachloroethane  
Concen: 41.491 ng  
RT: 7.351 min Scan# 861  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

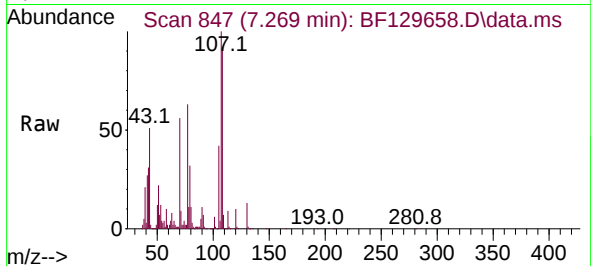
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 254555 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.3  | 77.4  | 116.2  |
| 201      | 89.5  | 84.6  | 127.0  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.168 ng  
RT: 7.269 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



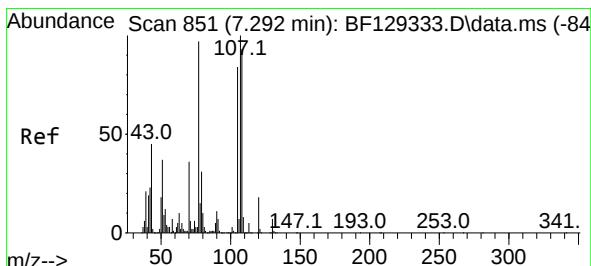
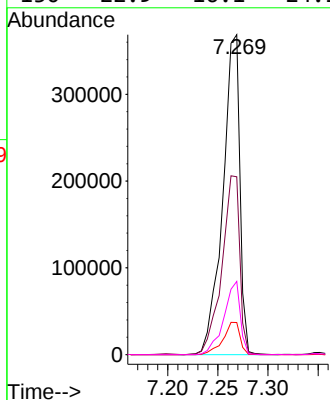
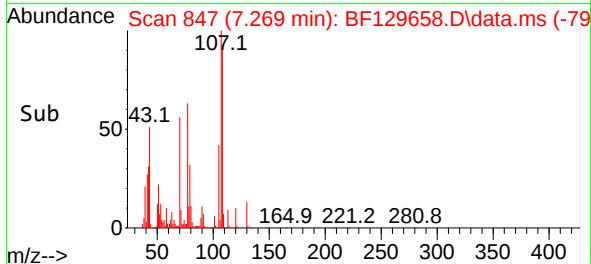
Tgt Ion: 70 Resp: 438728  
Ion Ratio Lower Upper  
70 100  
42 55.6 52.3 78.5  
101 10.0 7.5 11.3  
130 22.9 16.1 24.1

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Giraldo

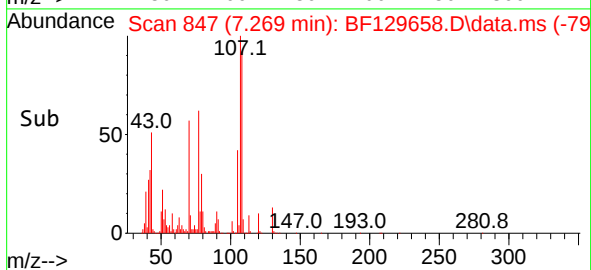
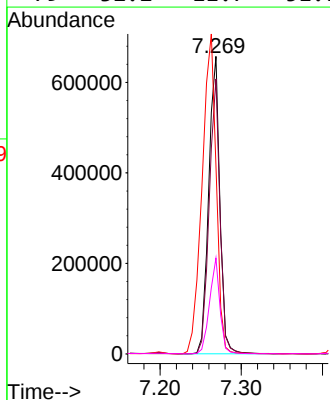
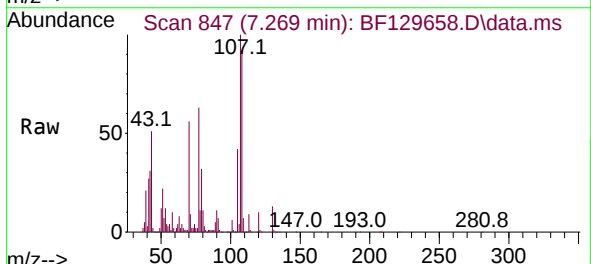
08/10/2022  
Supervised By :Jagrut  
Upadhyay

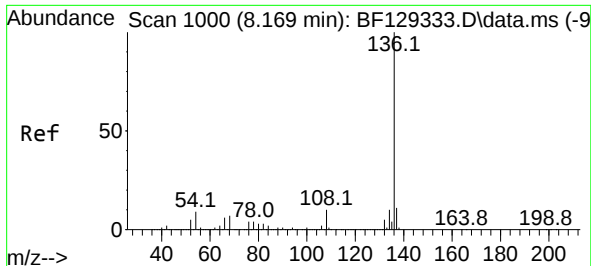
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#20  
3+4-Methylphenols  
Concen: 40.049 ng  
RT: 7.269 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

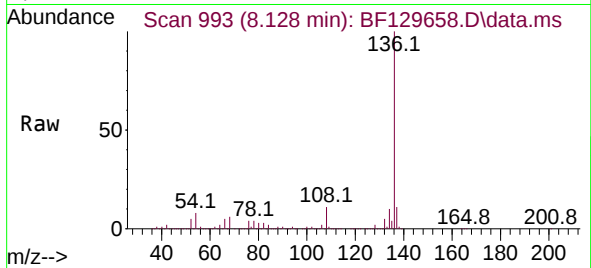
Tgt Ion:107 Resp: 631031  
Ion Ratio Lower Upper  
107 100  
108 92.4 71.8 111.8  
77 63.2 59.3 99.3  
79 32.2 11.7 51.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



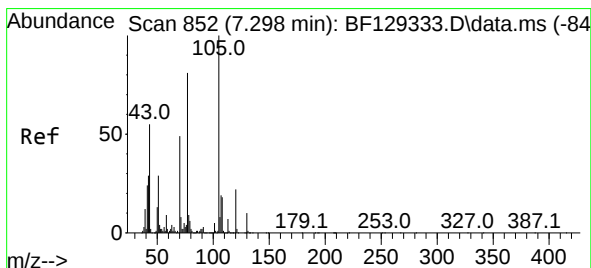
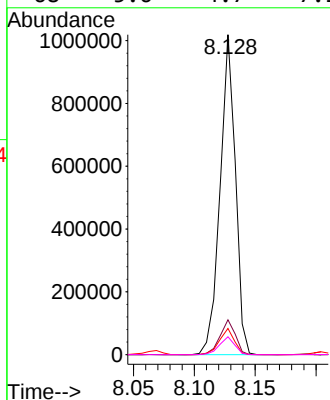
Tgt Ion:136 Resp: 892475  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 8.2 7.5 11.3  
68 5.6 4.7 7.1

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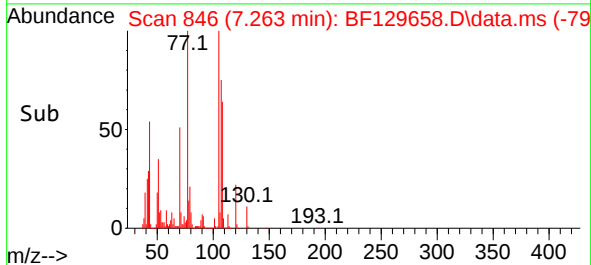
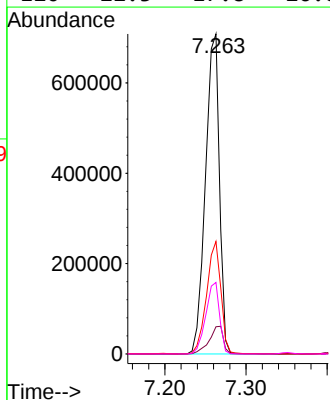
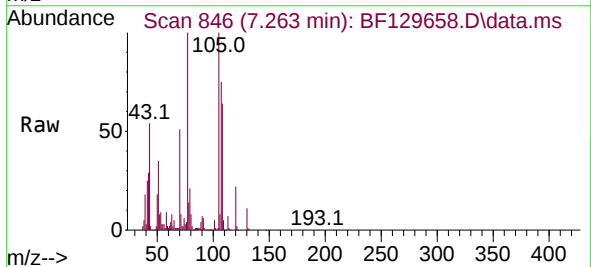
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Supervised By :Jagrut  
Upadhyay

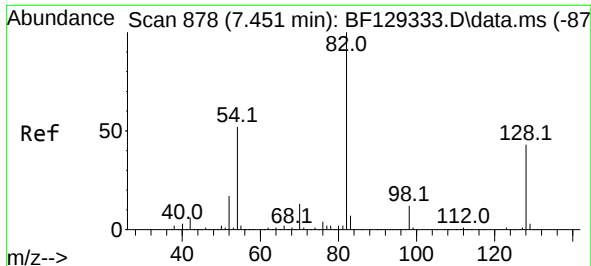
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#22  
Acetophenone  
Concen: 40.857 ng  
RT: 7.263 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:105 Resp: 848950  
Ion Ratio Lower Upper  
105 100  
71 8.5 5.0 7.4#  
51 35.1 25.0 37.4  
120 22.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.576 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129658.D

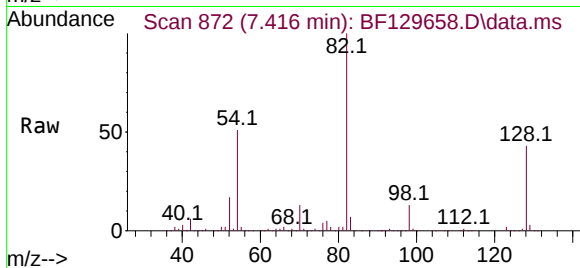
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 82 Resp: 1333703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.2  | 34.0  | 51.0  |
| 54  | 51.1  | 46.9  | 70.3  |

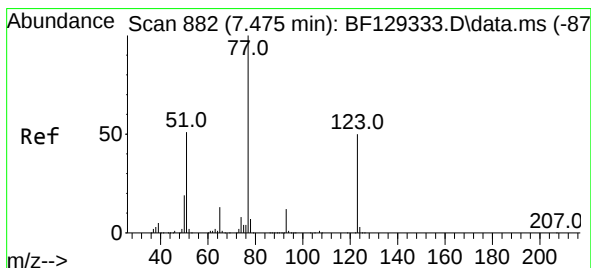
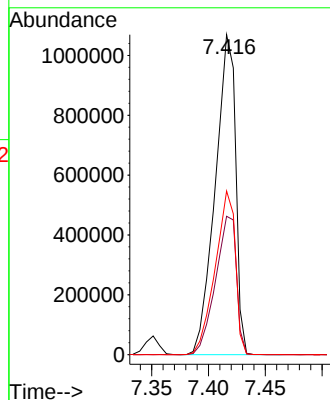
Manual Integrations  
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Reviewed By :Christian  
Giraldo

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Supervised By :Jagrut  
Upadhyay

08/10/2022



#24

Nitrobenzene

Concen: 39.883 ng

RT: 7.434 min Scan# 875

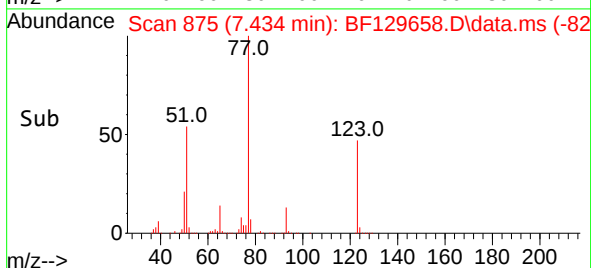
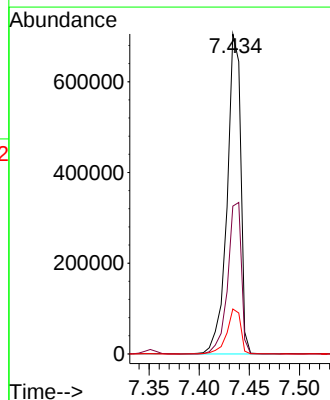
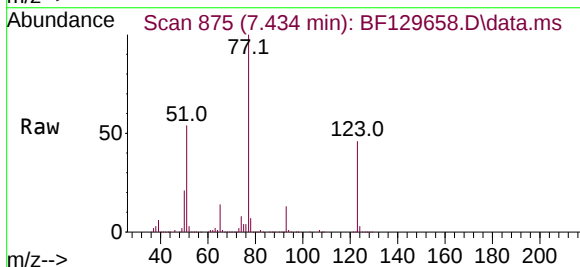
Delta R.T. -0.006 min

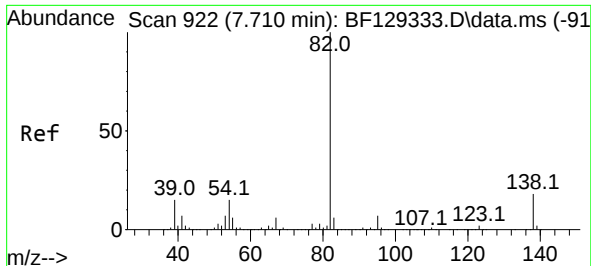
Lab File: BF129658.D

Acq: 09 Aug 2022 10:04

Tgt Ion: 77 Resp: 671457

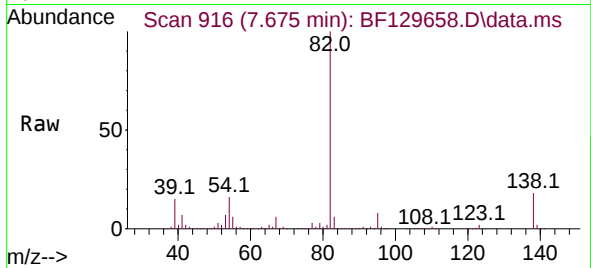
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.2  | 35.4  | 53.2  |
| 65  | 14.0  | 11.8  | 17.8  |





#25  
Isophorone  
Concen: 41.018 ng  
RT: 7.675 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



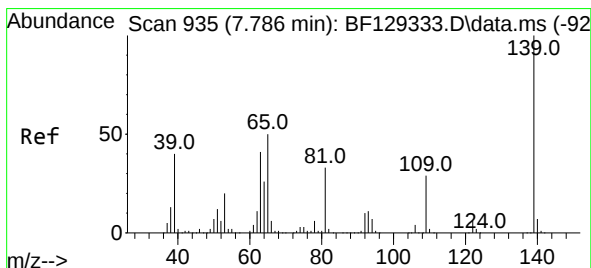
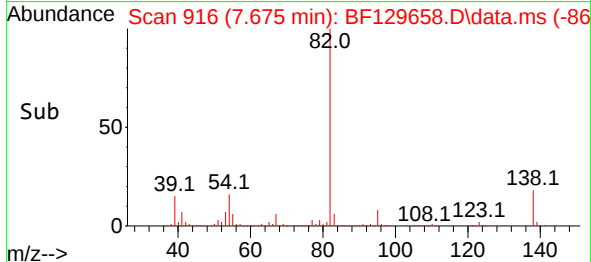
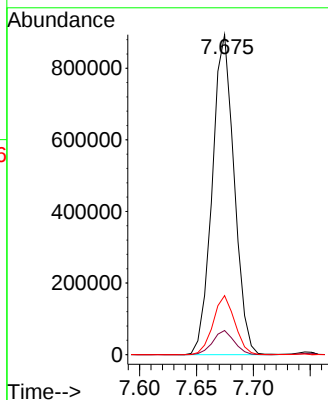
Tgt Ion: 82 Resp: 1202075  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.7 8.5  
138 18.4 14.2 21.2

Manual Integrations  
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Reviewed By :Christian  
Giraldo

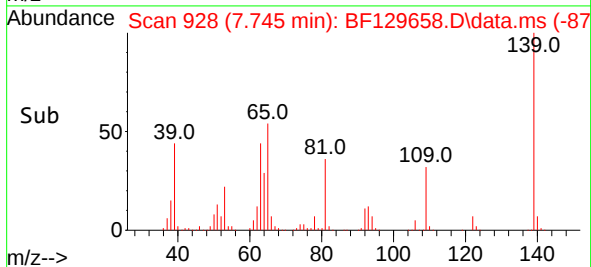
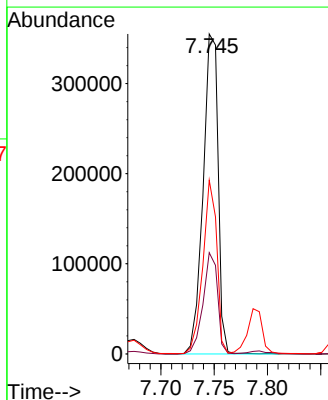
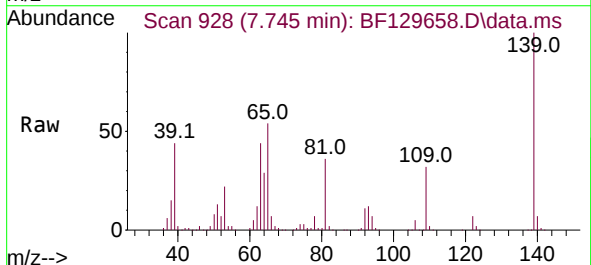
08/10/2022  
Supervised By :Jagrut  
Upadhyay

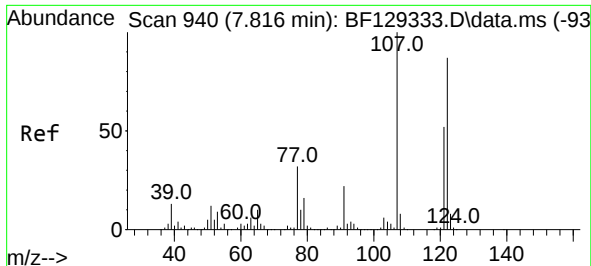
08/10/2022



#26  
2-Nitrophenol  
Concen: 41.775 ng  
RT: 7.745 min Scan# 928  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

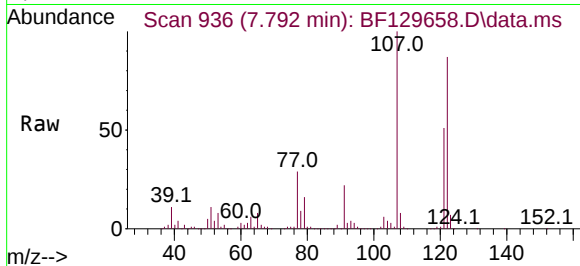
Tgt Ion:139 Resp: 346962  
Ion Ratio Lower Upper  
139 100  
109 31.6 25.0 37.4  
65 54.3 45.1 67.7





#27  
2,4-Dimethylphenol  
Concen: 40.651 ng m  
RT: 7.792 min Scan# 93  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



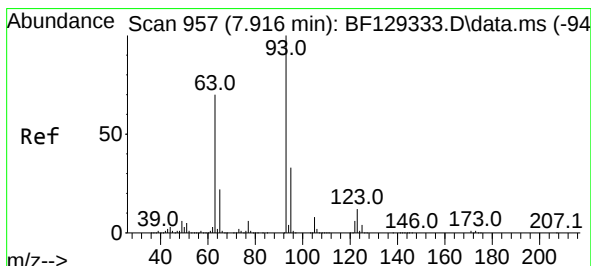
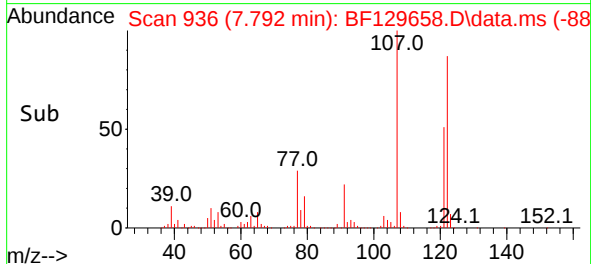
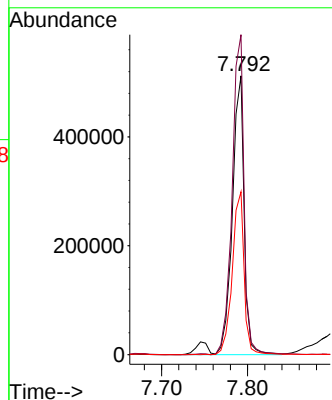
Tgt Ion:122 Resp: 506446  
Ion Ratio Lower Upper  
122 100  
107 114.8 93.0 139.6  
121 58.4 46.6 70.0

Manual Integrations  
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Reviewed By :Christian  
Giraldo

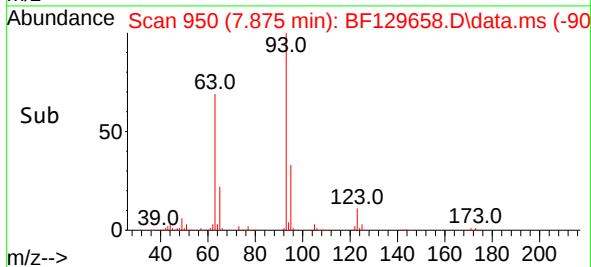
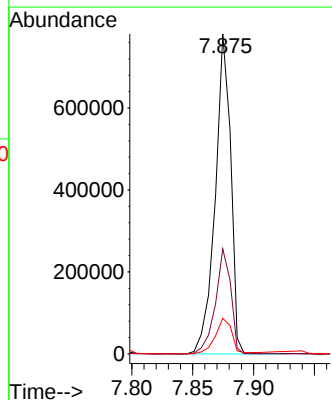
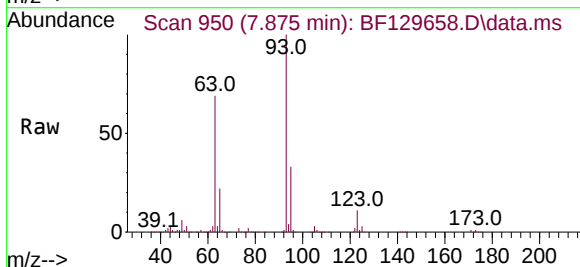
08/10/2022  
Supervised By :Jagrut  
Upadhyay

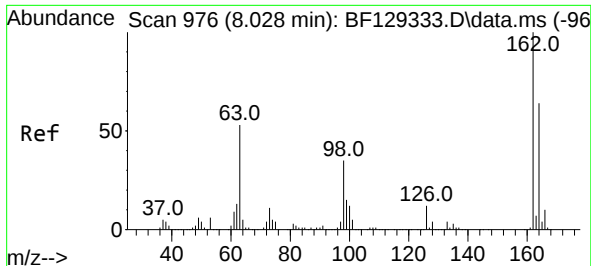
08/10/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.615 ng  
RT: 7.875 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion: 93 Resp: 690464  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.8 40.2  
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.388 ng

RT: 7.998 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129658.D

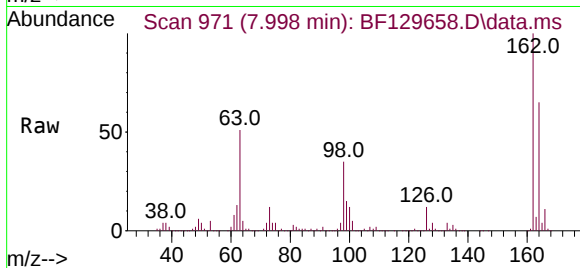
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 51934 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 65.4  | 44.2  | 84.2  |
| 98        | 35.4  | 19.6  | 59.6  |

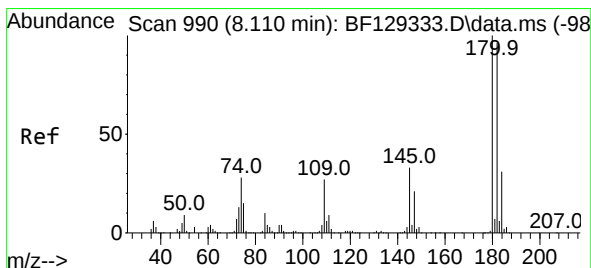
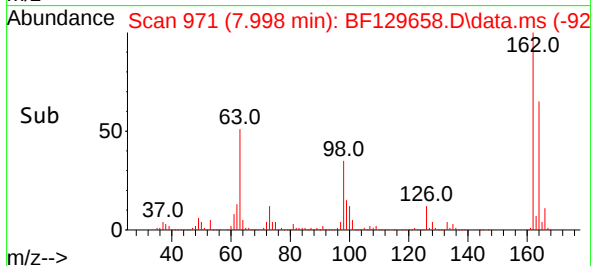
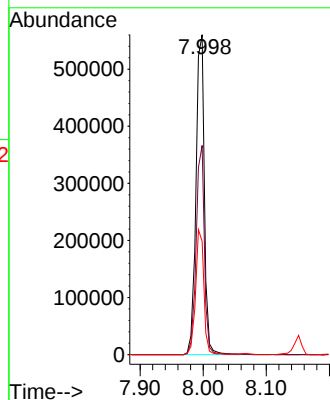
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

08/10/2022

Supervised By :Jagrut  
Upadhyay

08/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.315 ng

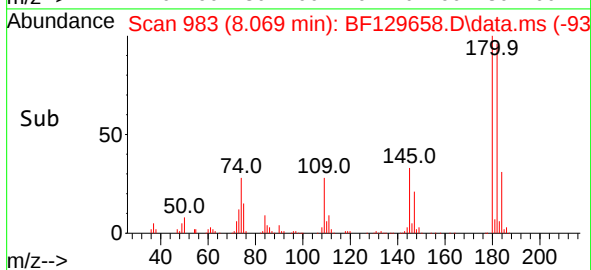
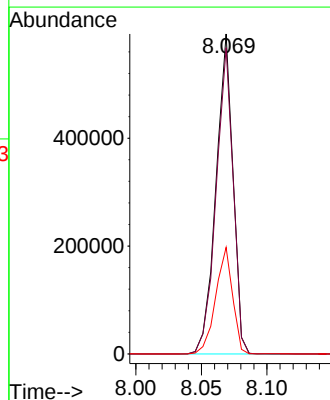
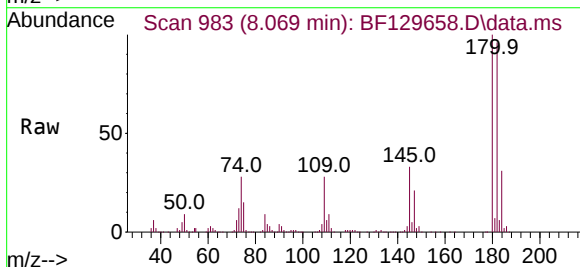
RT: 8.069 min Scan# 983

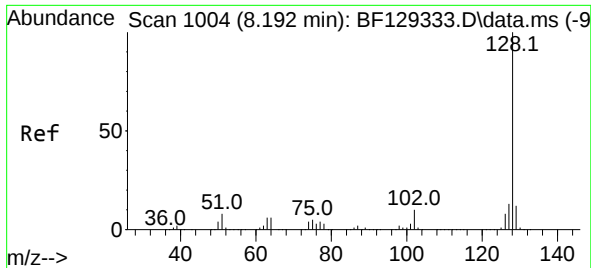
Delta R.T. -0.006 min

Lab File: BF129658.D

Acq: 09 Aug 2022 10:04

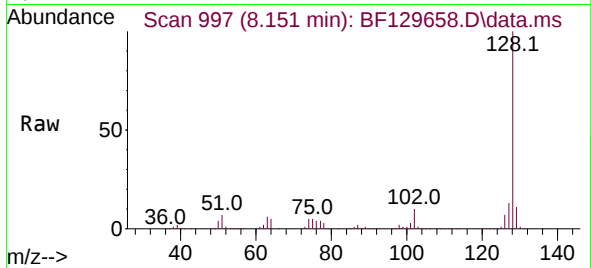
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 536590 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.7  | 79.2  | 118.8  |
| 145       | 33.3  | 26.2  | 39.2   |





#31  
Naphthalene  
Concen: 39.932 ng  
RT: 8.151 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



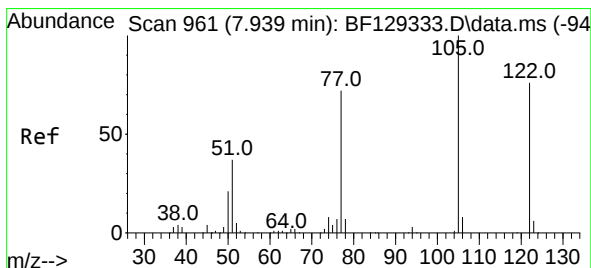
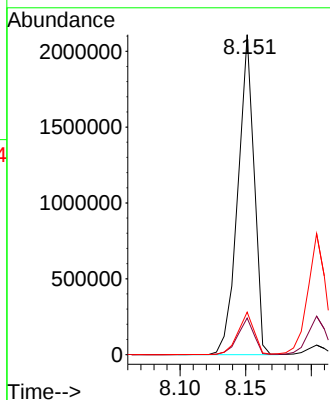
Tgt Ion:128 Resp: 1810640  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.3 10.5 15.7

Manual Integrations  
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Reviewed By :Christian  
Giraldo

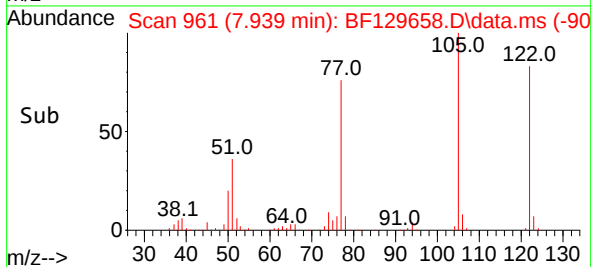
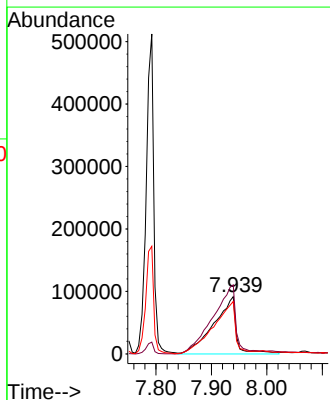
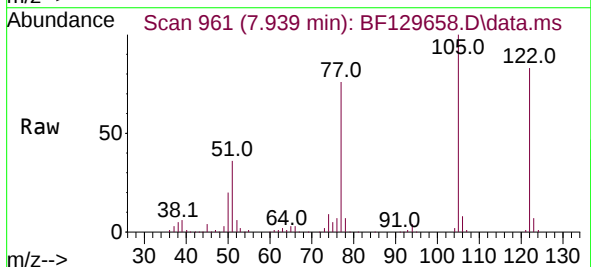
08/10/2022  
Supervised By :Jagrut  
Upadhyay

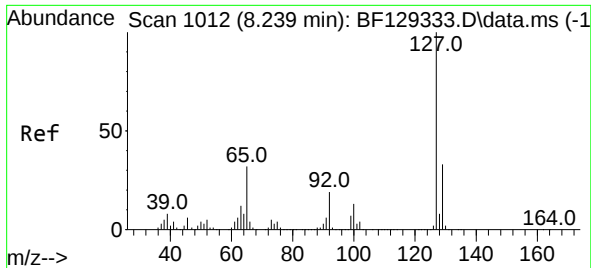
08/10/2022



#32  
Benzoic acid  
Concen: 28.950 ng m  
RT: 7.939 min Scan# 961  
Delta R.T. 0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:122 Resp: 260735  
Ion Ratio Lower Upper  
122 100  
105 120.6 107.1 147.1  
77 91.6 74.2 114.2





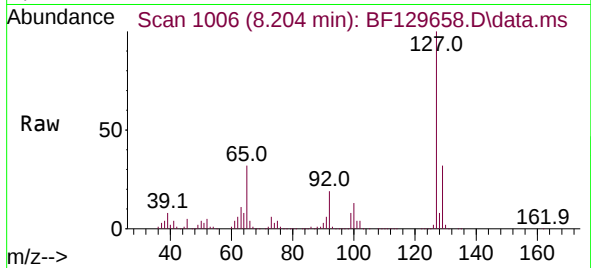
#33  
4-Chloroaniline  
Concen: 40.479 ng  
RT: 8.204 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:127 Resp: 753544  
Ion Ratio Lower Upper  
127 100  
129 31.9 26.4 39.6  
65 31.6 26.4 39.6  
92 19.5 16.0 24.0

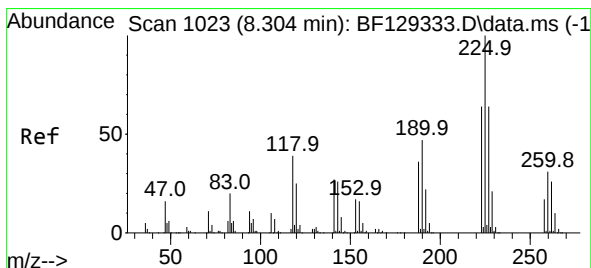
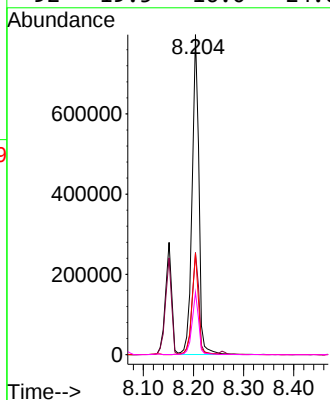
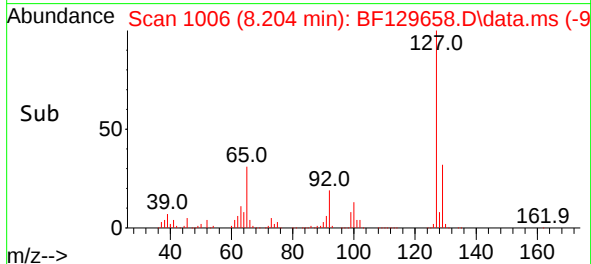
Manual Integrations  
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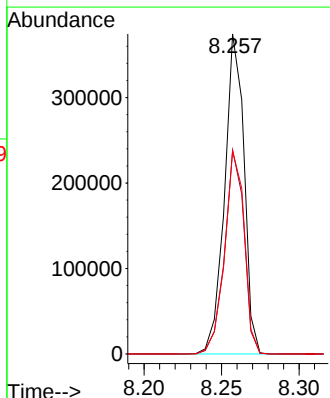
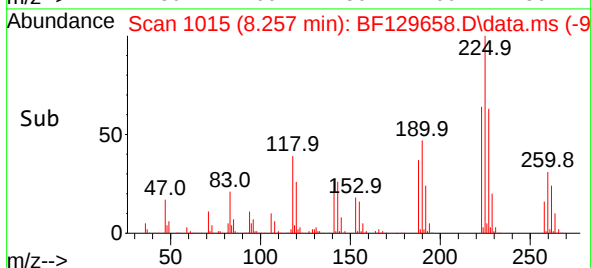
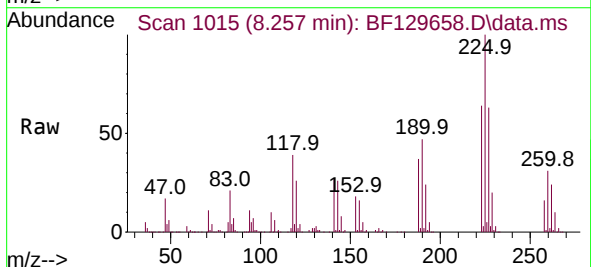
Supervised By :Jagrut  
Upadhyay

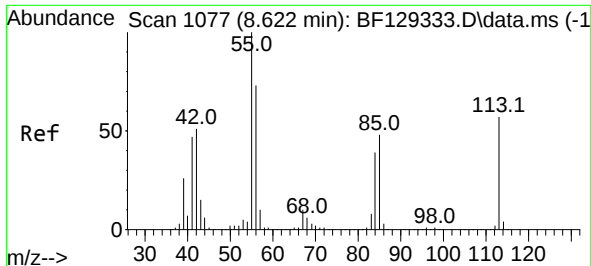
08/10/2022



#34  
Hexachlorobutadiene  
Concen: 43.172 ng  
RT: 8.257 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

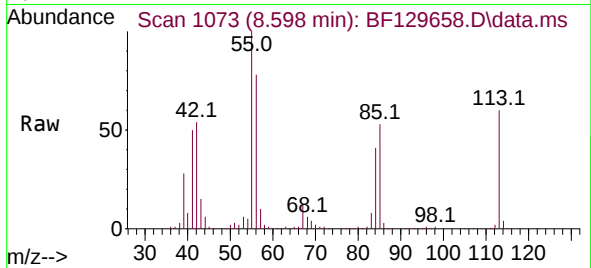
Tgt Ion:225 Resp: 326628  
Ion Ratio Lower Upper  
225 100  
223 63.7 51.0 76.6  
227 63.4 51.1 76.7





#35  
Caprolactam  
Concen: 40.680 ng m  
RT: 8.598 min Scan# 1077  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



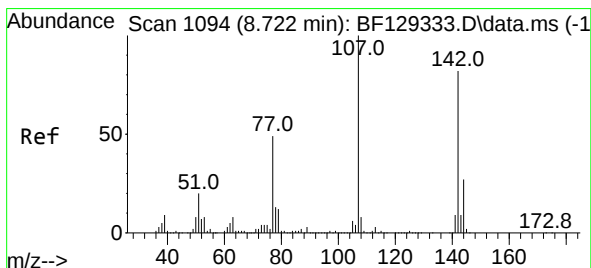
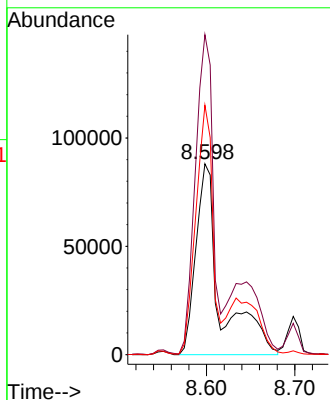
Tgt Ion:113 Resp: 170066  
Ion Ratio Lower Upper  
113 100  
55 167.6 188.5 228.5  
56 130.6 130.6 170.6

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Reviewed By :Christian  
Giraldo

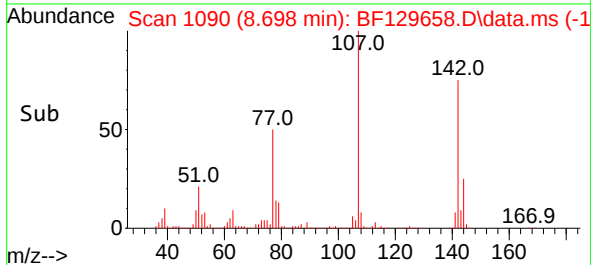
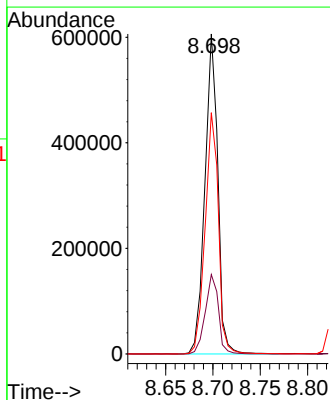
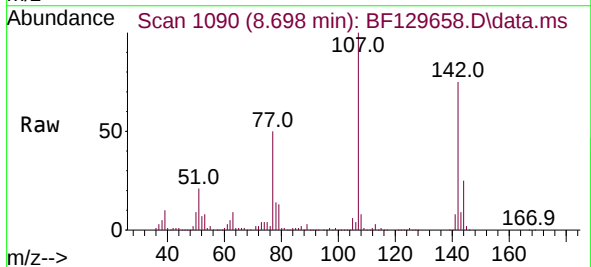
08/10/2022  
Supervised By :Jagrut  
Upadhyay

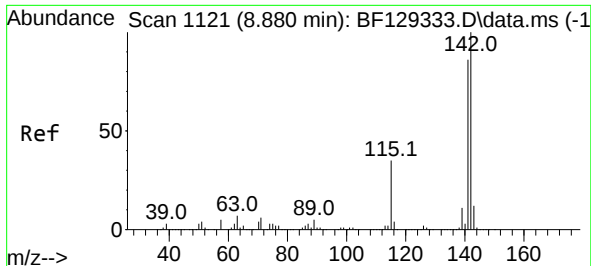
08/10/2022



#36  
4-Chloro-3-methylphenol  
Concen: 42.196 ng  
RT: 8.698 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

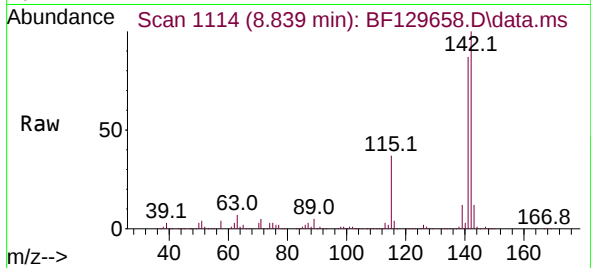
Tgt Ion:107 Resp: 575485  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.5 29.3  
142 75.4 58.2 87.4





#37  
2-Methylnaphthalene  
Concen: 41.194 ng  
RT: 8.839 min Scan# 1114  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



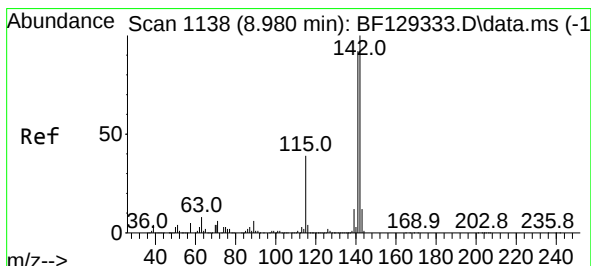
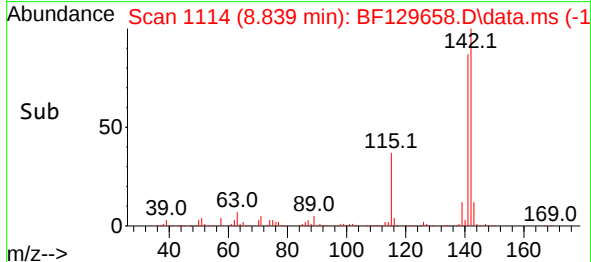
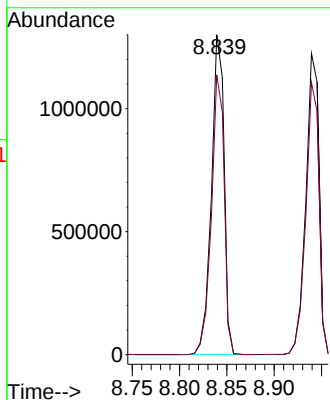
Tgt Ion:142 Resp: 1213835  
Ion Ratio Lower Upper  
142 100  
141 87.4 71.0 106.4

Manual Integrations  
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Reviewed By :Christian  
Giraldo

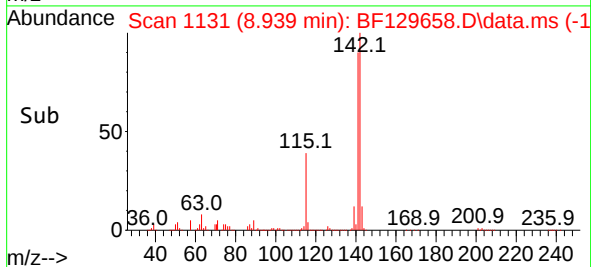
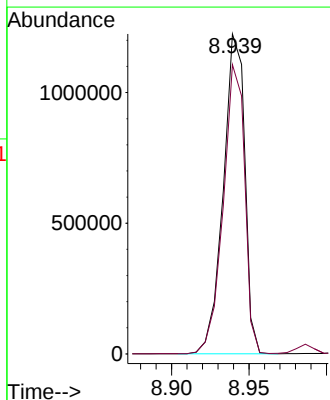
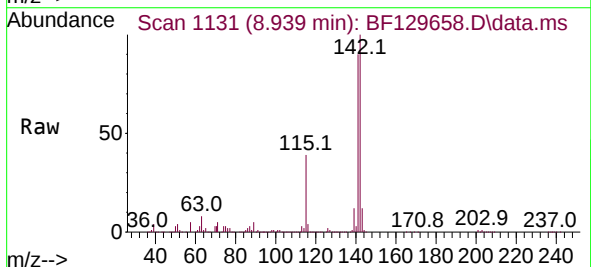
08/10/2022  
Supervised By :Jagrut  
Upadhyay

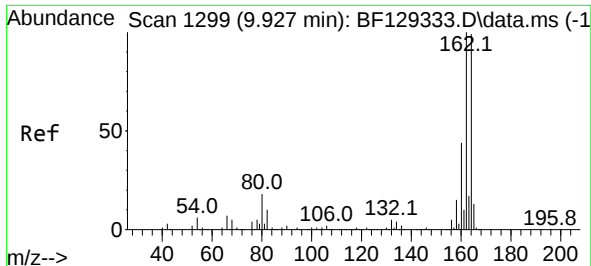
08/10/2022



#38  
1-Methylnaphthalene  
Concen: 41.545 ng  
RT: 8.939 min Scan# 1131  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:142 Resp: 1181774  
Ion Ratio Lower Upper  
142 100  
141 90.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF129658.D

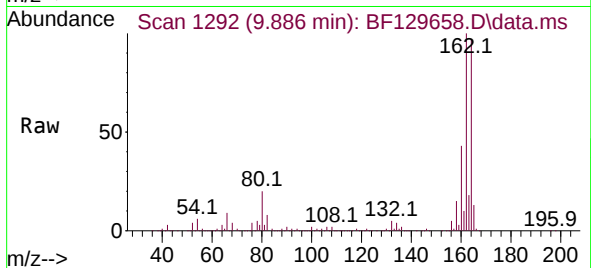
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 484312

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.8 | 79.5  | 119.3 |
| 160 | 43.7  | 34.2  | 51.4  |

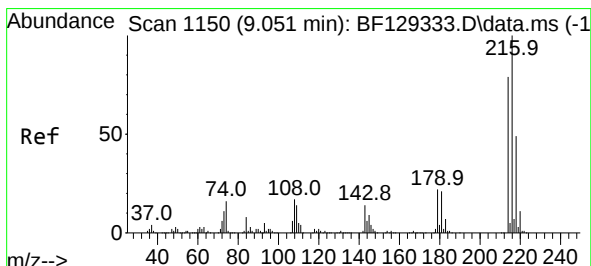
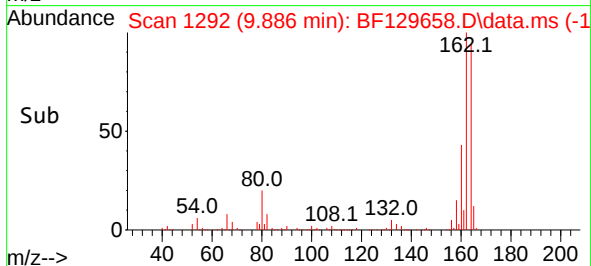
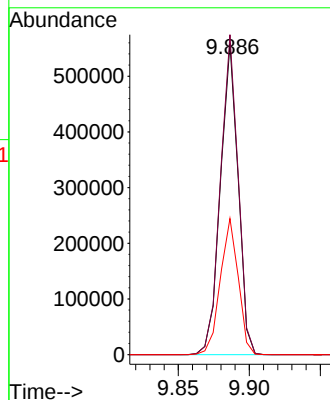
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

08/10/2022

Supervised By :Jagrut  
Upadhyay

08/10/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.458 ng

RT: 9.010 min Scan# 1143

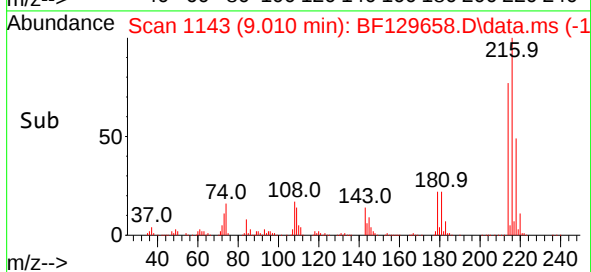
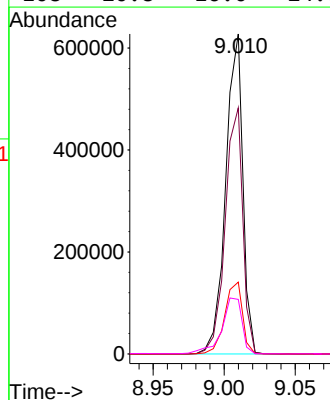
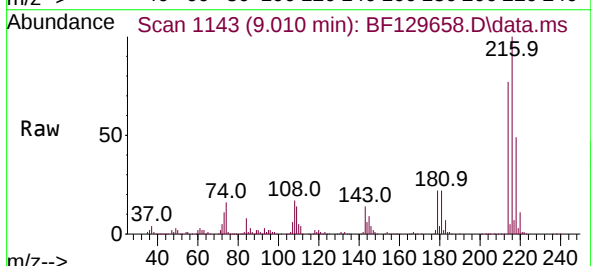
Delta R.T. -0.006 min

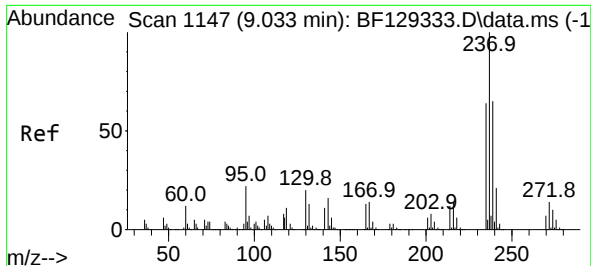
Lab File: BF129658.D

Acq: 09 Aug 2022 10:04

Tgt Ion:216 Resp: 527221

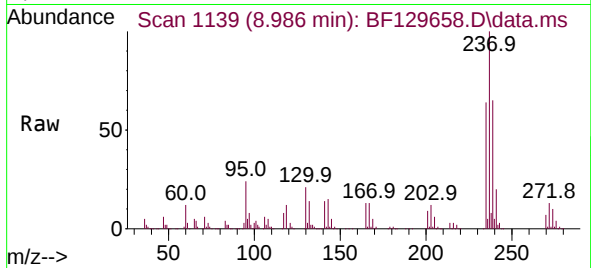
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.0  | 63.6  | 95.4  |
| 179 | 23.2  | 17.0  | 25.6  |
| 108 | 20.8  | 16.0  | 24.0  |





#41  
Hexachlorocyclopentadiene  
Concen: 35.987 ng  
RT: 8.986 min Scan# 1147  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



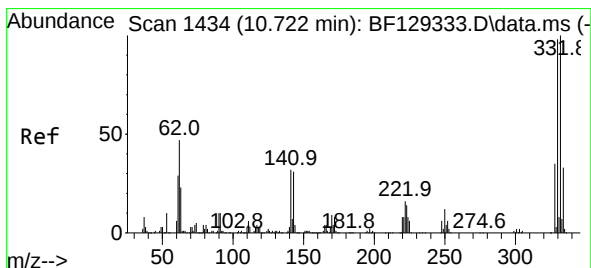
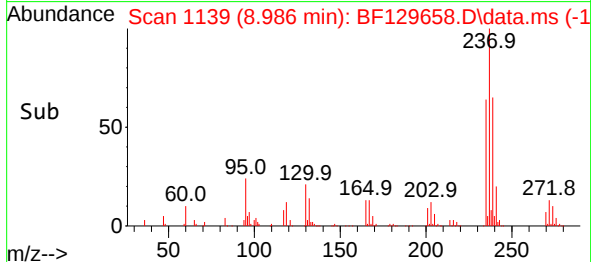
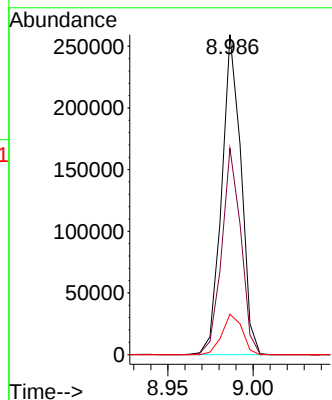
Tgt Ion: 237 Resp: 203784  
Ion Ratio Lower Upper  
237 100  
235 64.5 43.2 83.2  
272 12.6 0.0 31.9

Manual Integrations  
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Reviewed By : Christian  
Giraldo

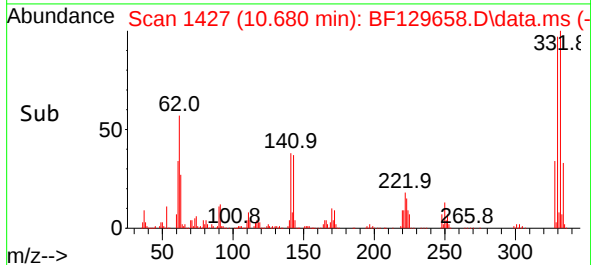
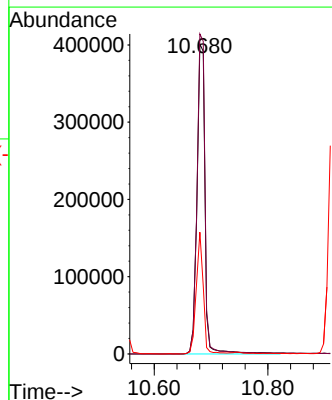
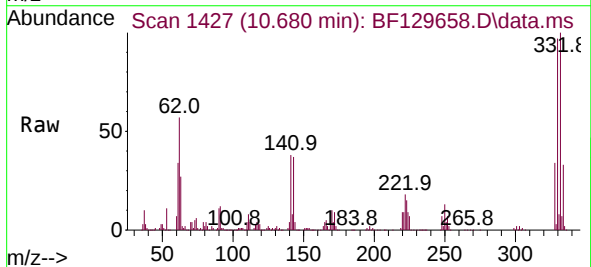
08/10/2022  
Supervised By : Jagrut  
Upadhyay

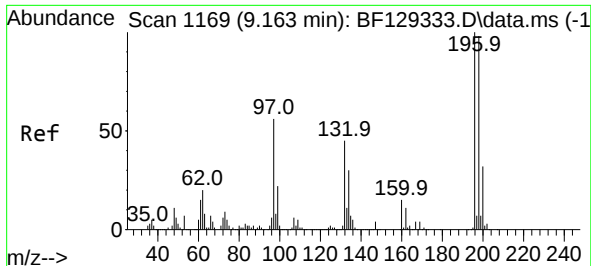
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#42  
2,4,6-Tribromophenol  
Concen: 83.919 ng  
RT: 10.680 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

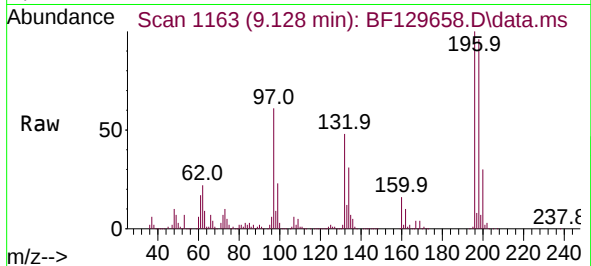
Tgt Ion: 330 Resp: 390750  
Ion Ratio Lower Upper  
330 100  
332 103.2 76.8 115.2  
141 34.3 28.0 42.0





#43  
2,4,6-Trichlorophenol  
Concen: 39.360 ng  
RT: 9.128 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



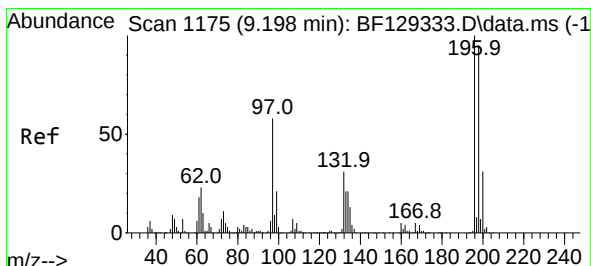
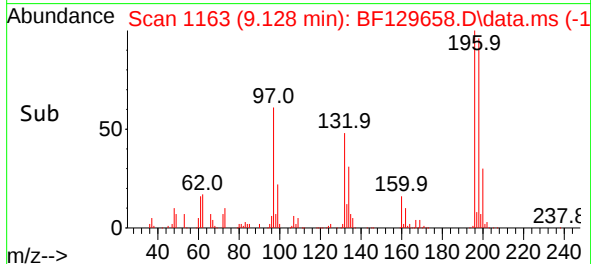
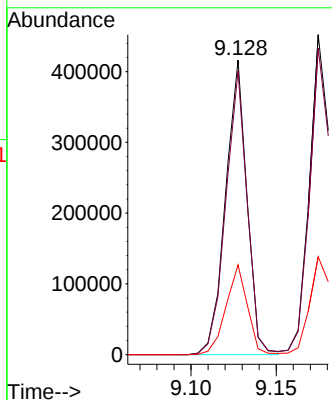
Tgt Ion:196 Resp: 363545  
Ion Ratio Lower Upper  
196 100  
198 96.4 74.0 111.0  
200 30.5 24.1 36.1

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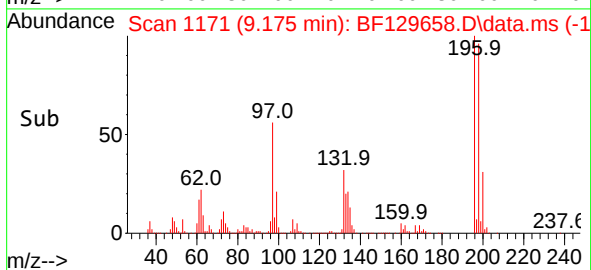
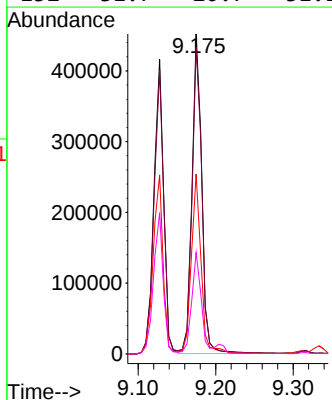
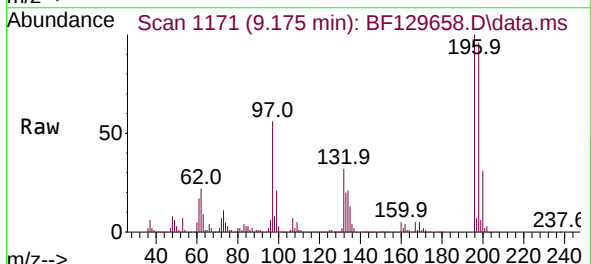
08/10/2022  
Supervised By :Jagrut  
Upadhyay

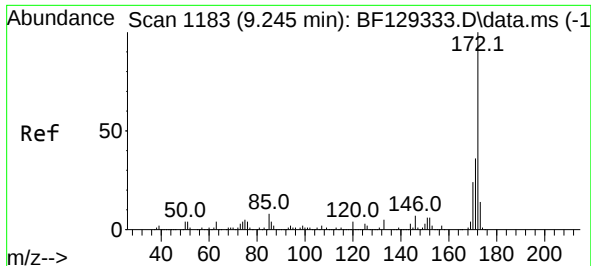
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#44  
2,4,5-Trichlorophenol  
Concen: 39.419 ng  
RT: 9.175 min Scan# 1171  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:196 Resp: 395944  
Ion Ratio Lower Upper  
196 100  
198 95.8 75.7 113.5  
97 56.2 36.4 54.6#  
132 31.7 20.7 31.1#





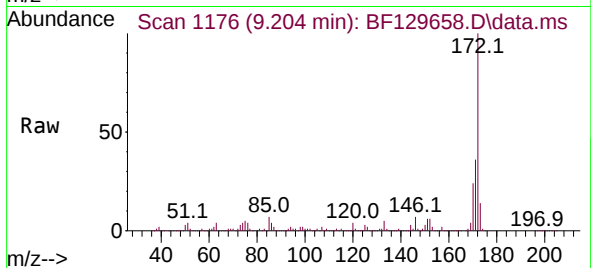
#45  
2-Fluorobiphenyl  
Concen: 77.348 ng  
RT: 9.204 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:172 Resp: 2421587  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 24.0 19.8 29.8

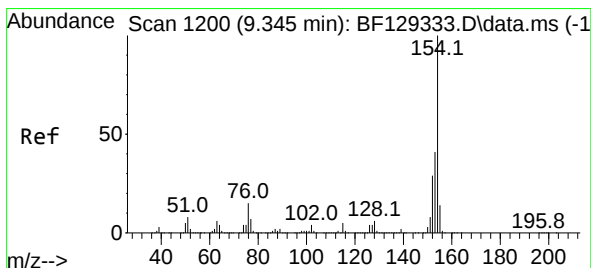
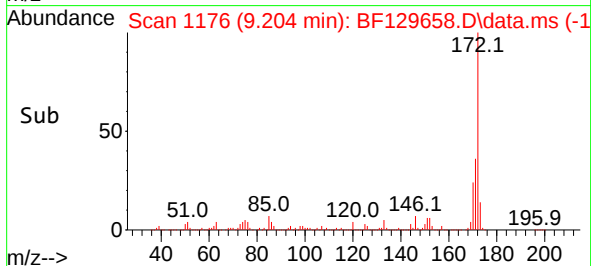
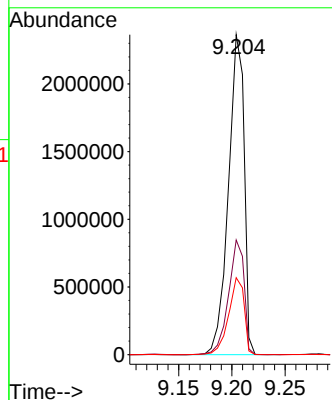
Manual Integrations  
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Reviewed By :Christian  
Giraldo

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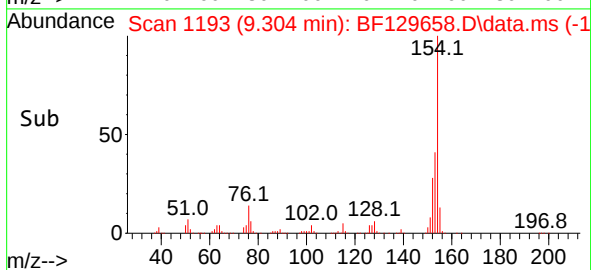
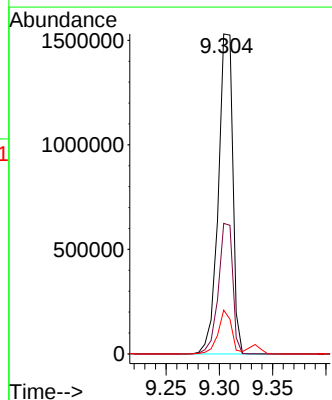
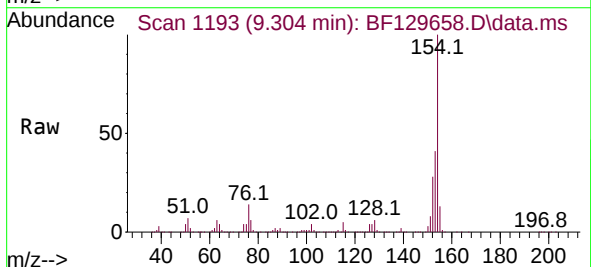
Supervised By :Jagrut  
Upadhyay

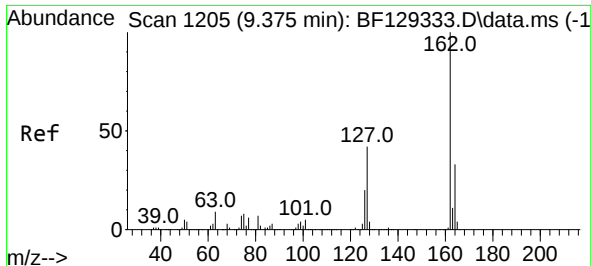
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#46  
1,1'-Biphenyl  
Concen: 41.027 ng  
RT: 9.304 min Scan# 1193  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:154 Resp: 1450085  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.6 60.6  
76 13.7 0.0 33.3





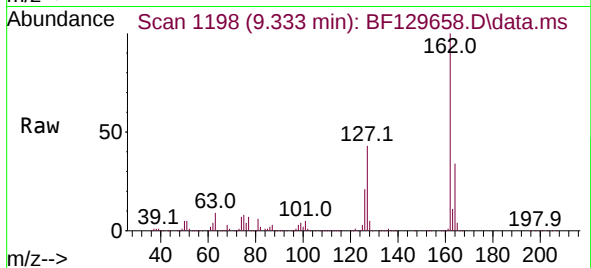
#47  
2-Chloronaphthalene  
Concen: 39.832 ng  
RT: 9.333 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

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ClientSampleId :

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Tgt Ion:162 Resp: 1138118  
Ion Ratio Lower Upper  
162 100  
127 43.2 34.5 51.7  
164 33.6 26.5 39.7

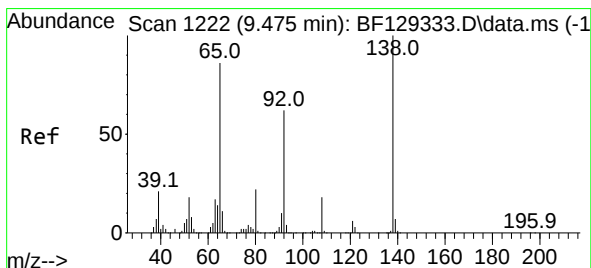
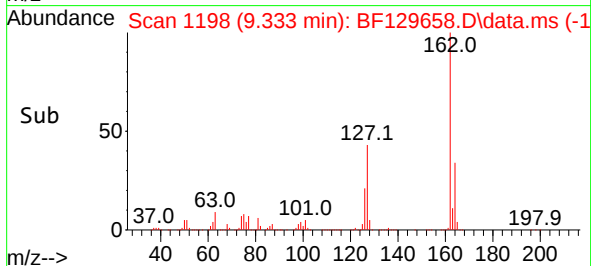
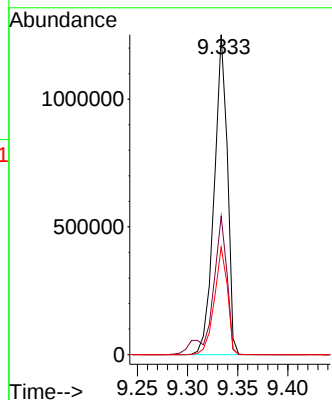
Manual Integrations  
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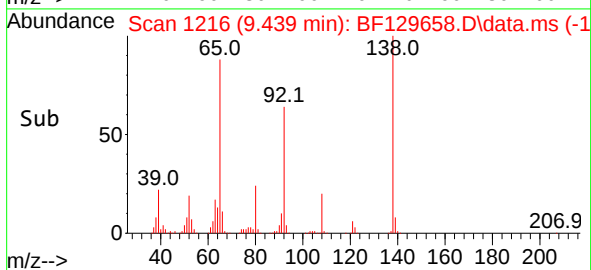
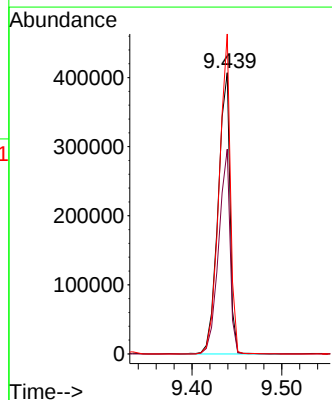
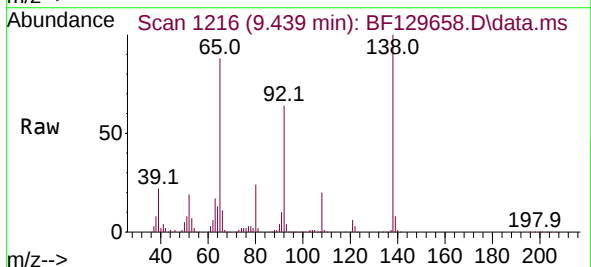
Supervised By :Jagrut  
Upadhyay

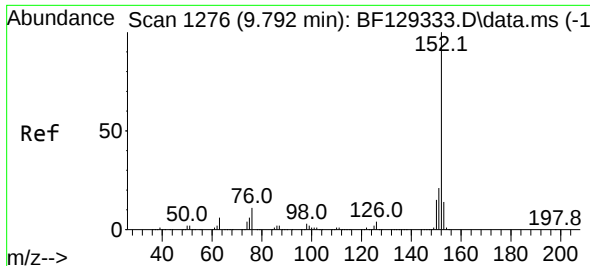
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#48  
2-Nitroaniline  
Concen: 39.742 ng  
RT: 9.439 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

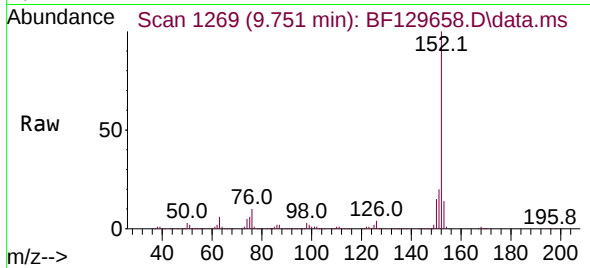
Tgt Ion: 65 Resp: 377600  
Ion Ratio Lower Upper  
65 100  
92 72.8 51.9 77.9  
138 113.8 76.4 114.6





#49  
Acenaphthylene  
Concen: 38.814 ng  
RT: 9.751 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



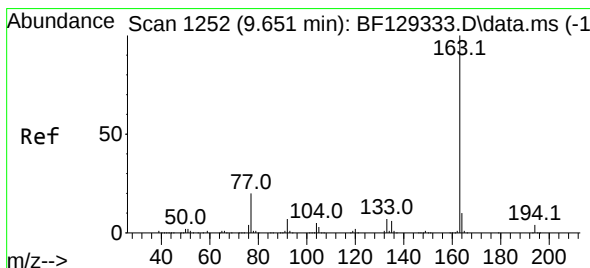
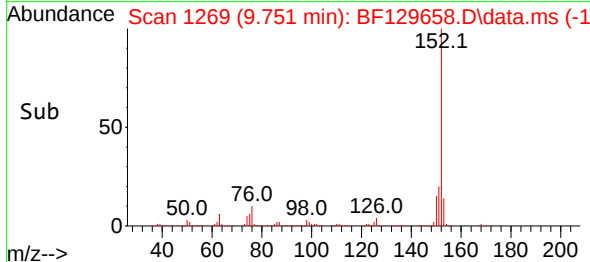
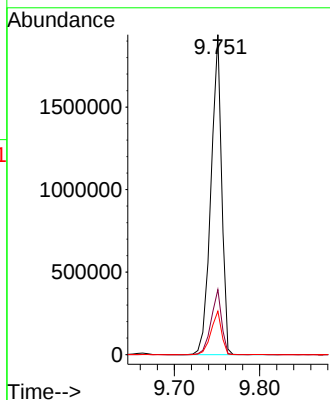
Tgt Ion:152 Resp: 168518  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.4  
153 13.6 10.7 16.1

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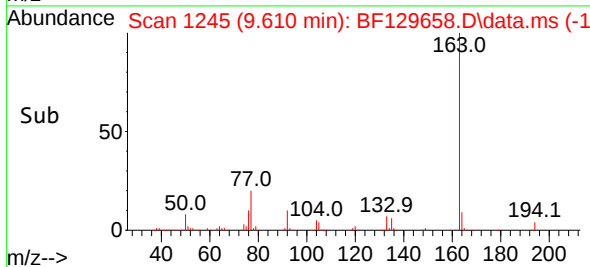
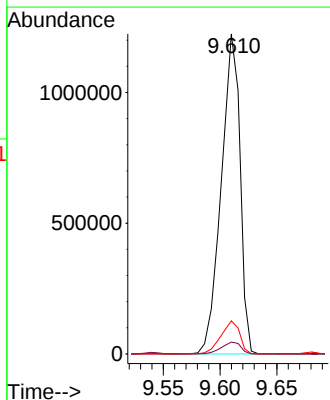
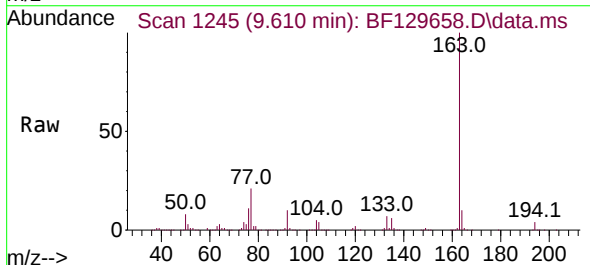
08/10/2022  
Supervised By :Jagrut  
Upadhyay

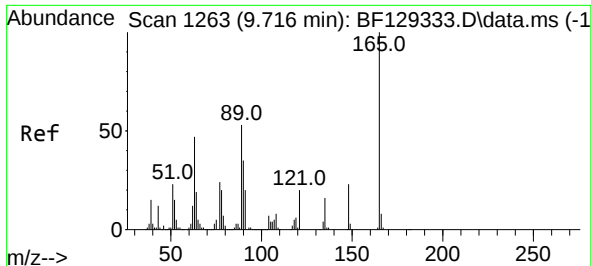
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#50  
Dimethylphthalate  
Concen: 42.076 ng  
RT: 9.610 min Scan# 1245  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:163 Resp: 1406753  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.2 4.8  
164 10.3 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 40.856 ng  
RT: 9.680 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 305729  
Ion Ratio Lower Upper  
165 100  
63 56.7 44.9 67.3  
89 55.7 43.6 65.4

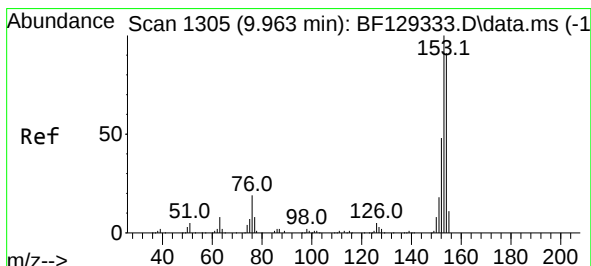
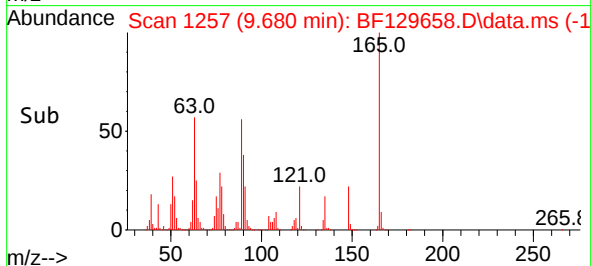
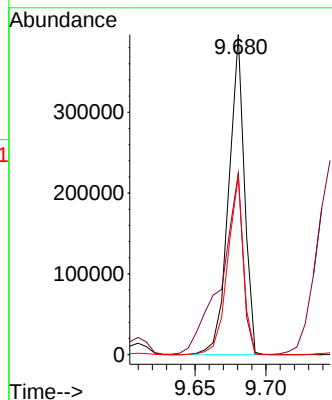
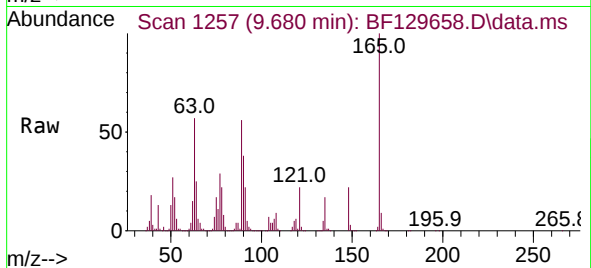
Manual Integrations  
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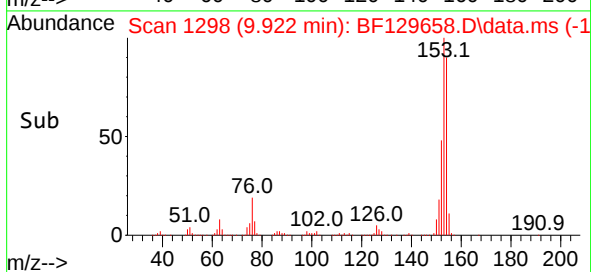
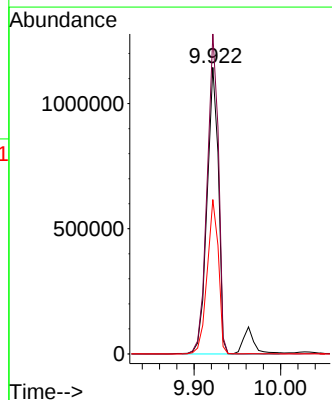
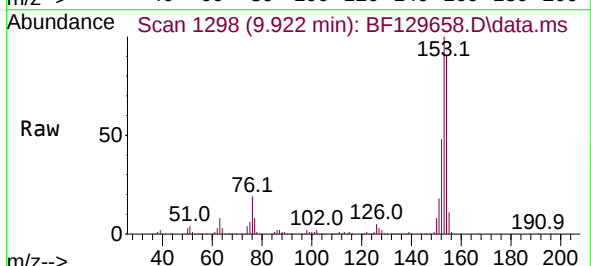
Supervised By :Jagrut  
Upadhyay

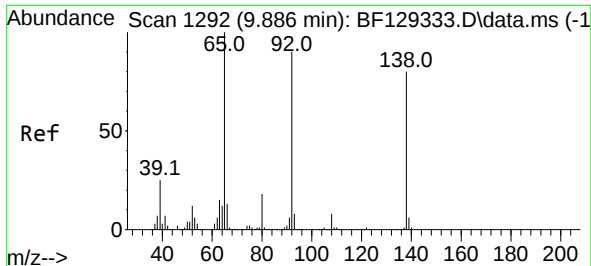
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#52  
Acenaphthene  
Concen: 40.111 ng m  
RT: 9.922 min Scan# 1298  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:154 Resp: 1137426  
Ion Ratio Lower Upper  
154 100  
153 111.7 89.6 134.4  
152 53.9 42.4 63.6





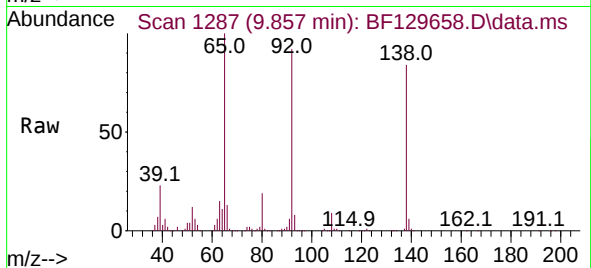
#53  
3-Nitroaniline  
Concen: 38.483 ng  
RT: 9.857 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:138 Resp: 34004  
Ion Ratio Lower Upper  
138 100  
108 10.7 10.9 16.3  
92 109.1 98.2 147.2

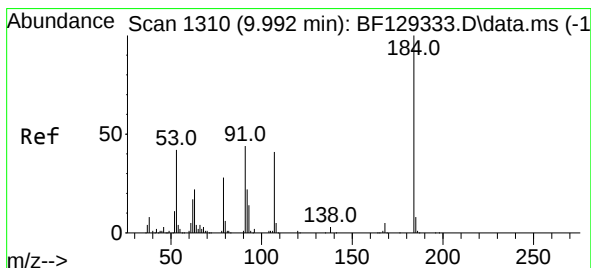
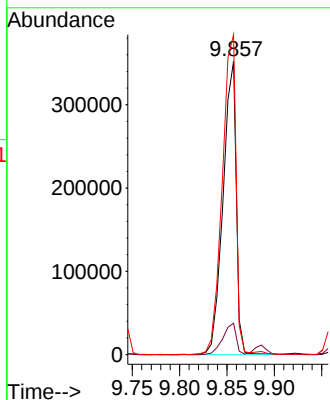
Manual Integrations  
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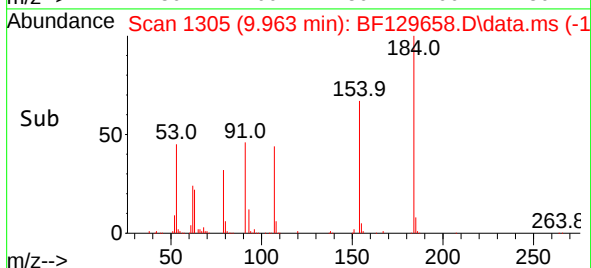
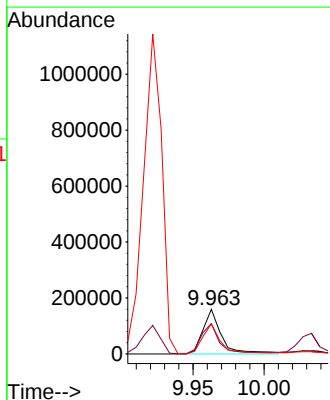
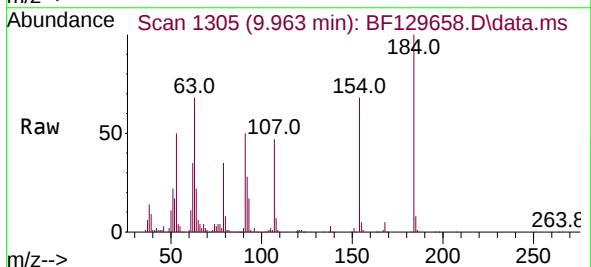
Supervised By :Jagrut  
Upadhyay

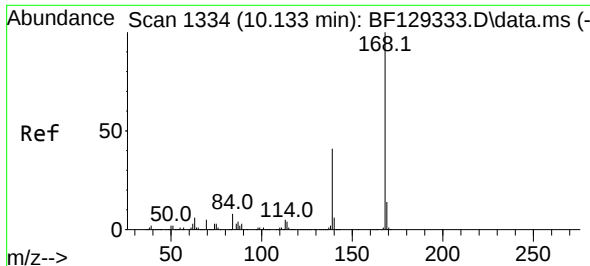
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#54  
2,4-Dinitrophenol  
Concen: 37.600 ng  
RT: 9.963 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

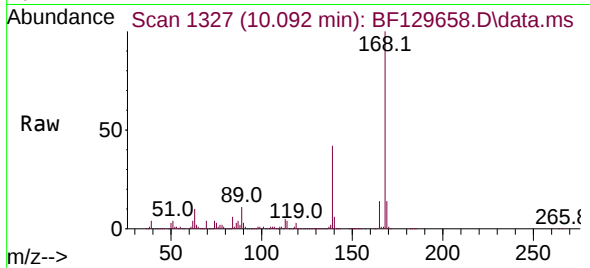
Tgt Ion:184 Resp: 143638  
Ion Ratio Lower Upper  
184 100  
63 68.2 64.5 96.7  
154 67.6 50.6 75.8





#55  
Dibenzofuran  
Concen: 39.024 ng  
RT: 10.092 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



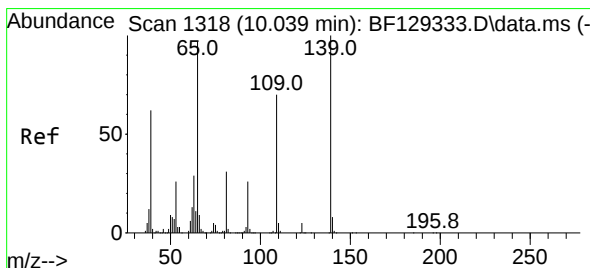
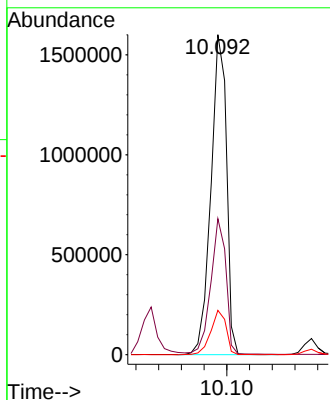
Tgt Ion:168 Resp: 1525469  
Ion Ratio Lower Upper  
168 100  
139 42.5 30.6 46.0  
169 13.8 11.0 16.6

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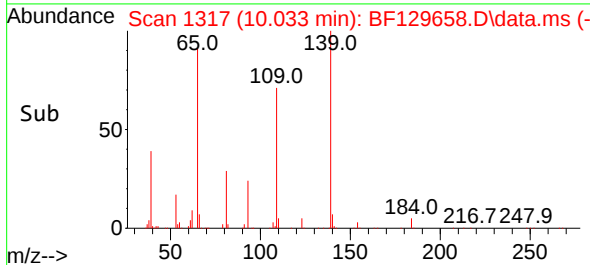
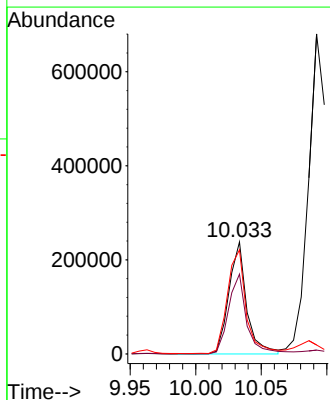
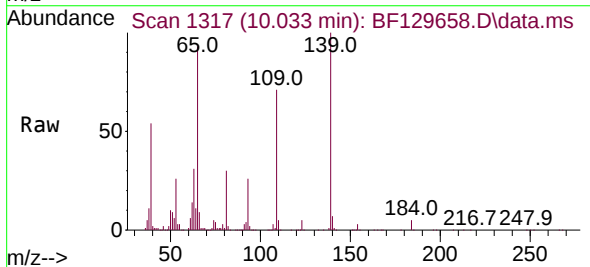
08/10/2022  
Supervised By :Jagrut  
Upadhyay

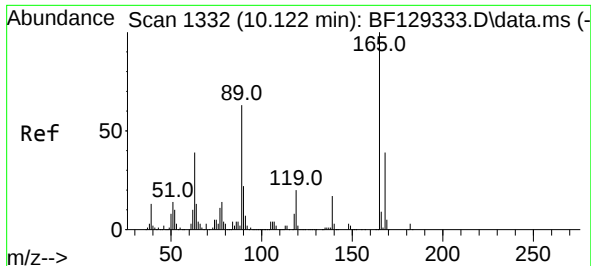
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#56  
4-Nitrophenol  
Concen: 34.463 ng  
RT: 10.033 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:139 Resp: 224667  
Ion Ratio Lower Upper  
139 100  
109 71.3 50.7 90.7  
65 93.1 74.5 114.5





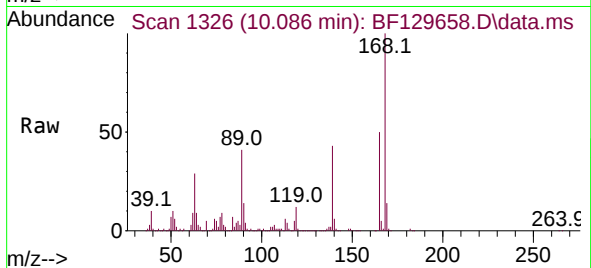
#57  
2,4-Dinitrotoluene  
Concen: 39.072 ng  
RT: 10.086 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 381948  
Ion Ratio Lower Upper  
165 100  
63 57.7 39.8 59.6  
89 80.5 60.2 90.2  
182 2.4 2.2 3.2

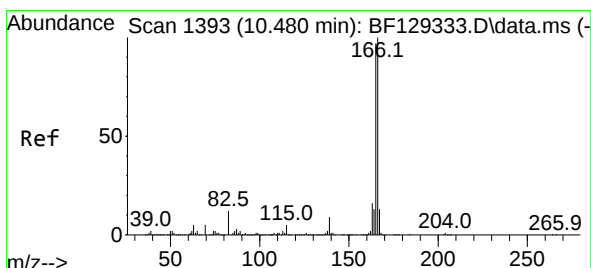
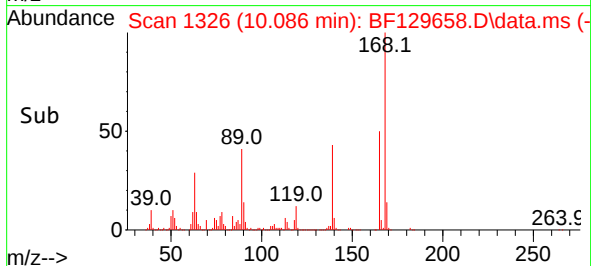
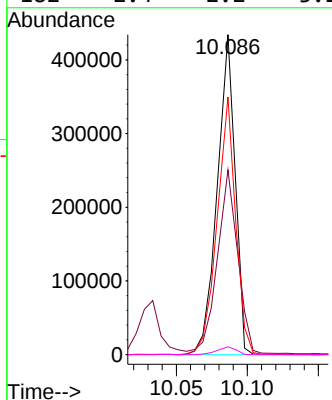
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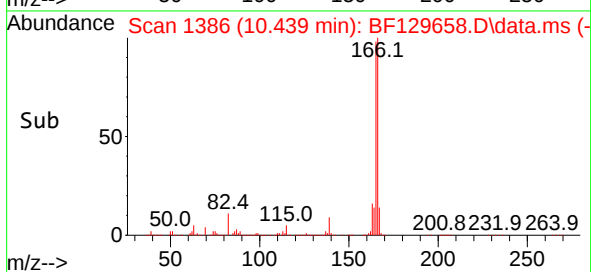
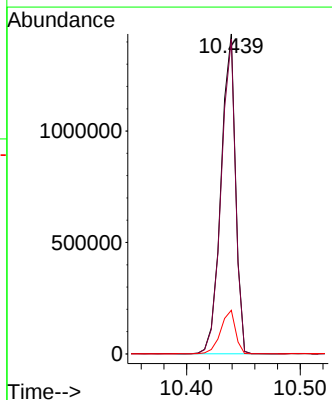
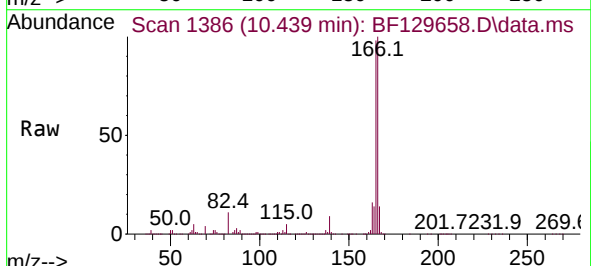
Supervised By :Jagrut  
Upadhyay

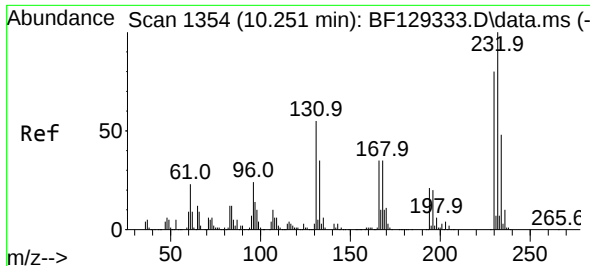
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#58  
Fluorene  
Concen: 40.626 ng  
RT: 10.439 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

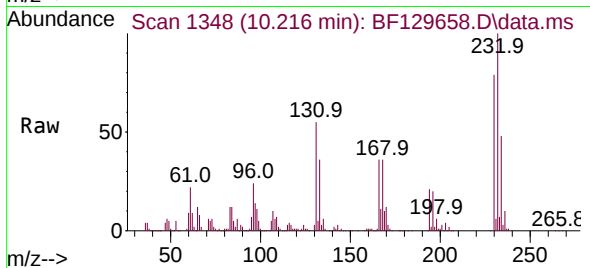
Tgt Ion:166 Resp: 1270687  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.1 117.1  
167 13.6 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.635 ng  
RT: 10.216 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



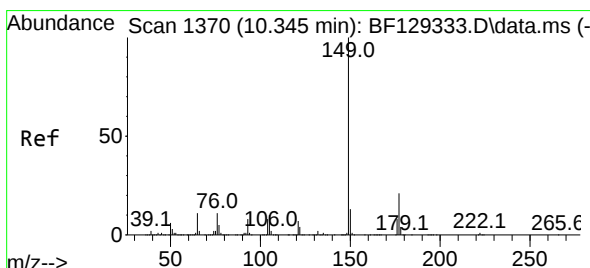
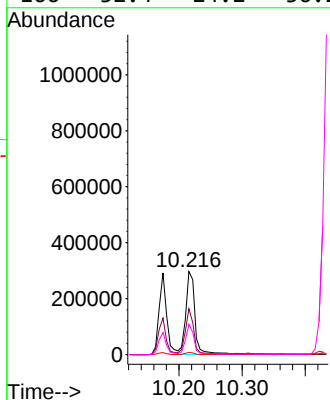
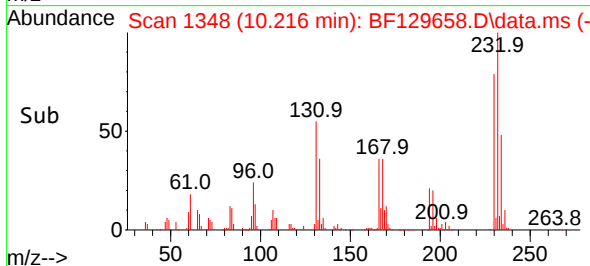
Tgt Ion:232 Resp: 299896  
Ion Ratio Lower Upper  
232 100  
131 48.7 36.1 54.1  
130 2.5 1.8 2.8  
166 32.4 24.2 36.2

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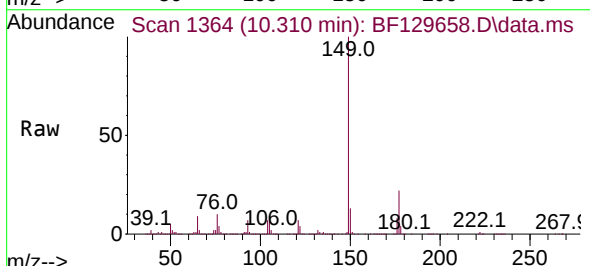
Reviewed By :Christian  
Giraldo

08/10/2022  
Supervised By :Jagrut  
Upadhyay

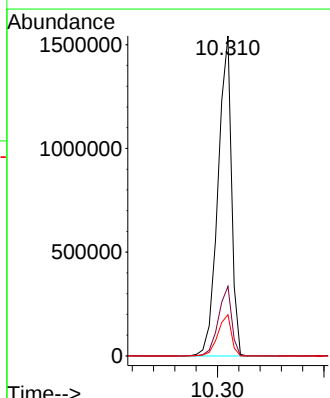
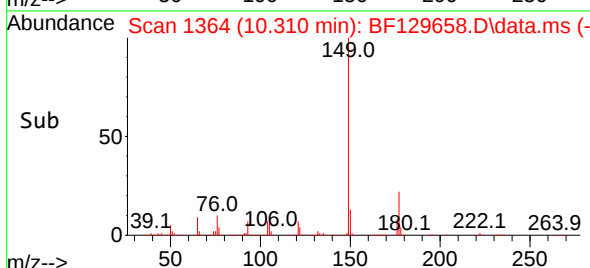
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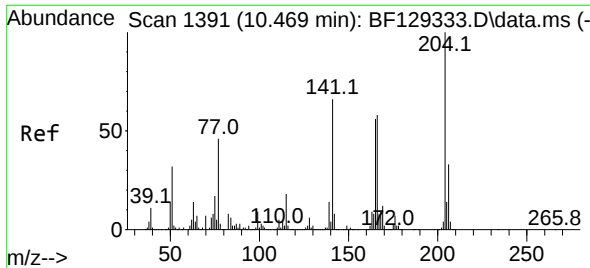


#60  
Diethylphthalate  
Concen: 42.088 ng  
RT: 10.310 min Scan# 1364  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04



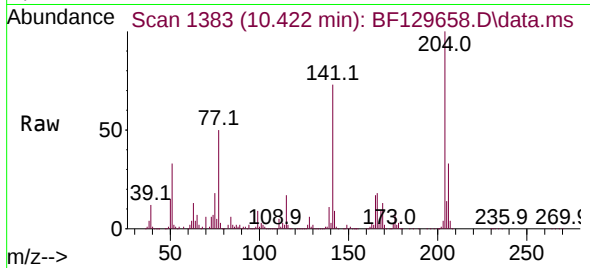
Tgt Ion:149 Resp: 1360269  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.3 25.9  
150 12.9 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 42.581 ng  
RT: 10.422 min Scan# 1383  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



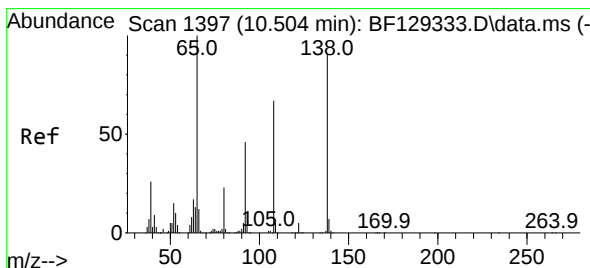
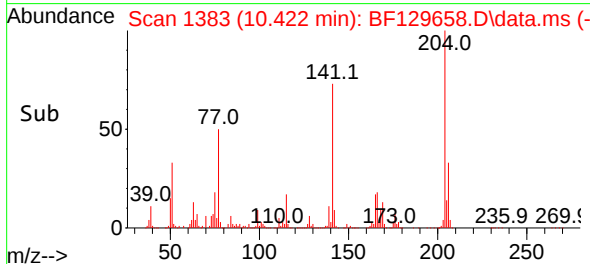
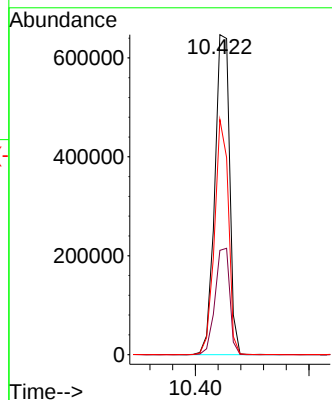
Tgt Ion:204 Resp: 58715  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.8 38.6  
141 73.5 47.0 70.4

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Giraldo

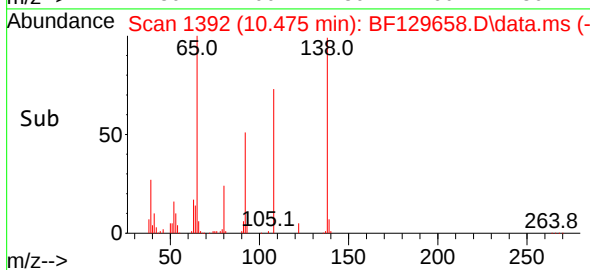
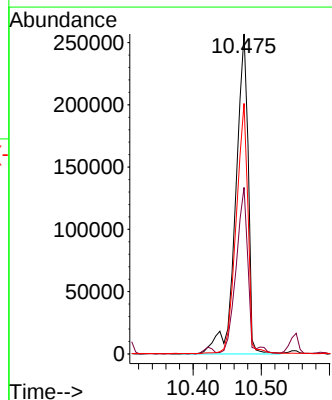
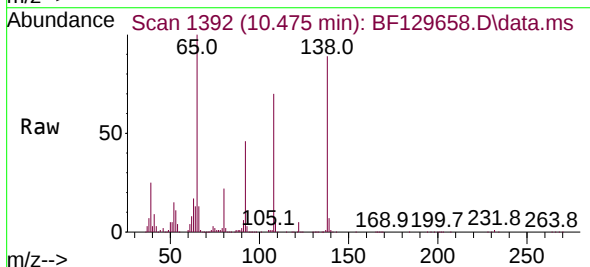
08/10/2022  
Supervised By :Jagrut  
Upadhyay

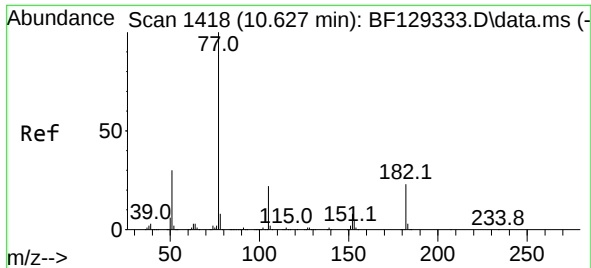
08/10/2022



#62  
4-Nitroaniline  
Concen: 37.365 ng  
RT: 10.475 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

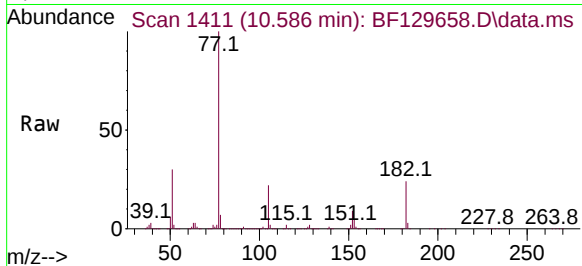
Tgt Ion:138 Resp: 327532  
Ion Ratio Lower Upper  
138 100  
92 52.0 33.5 73.5  
108 78.3 61.0 101.0





#63  
Azobenzene  
Concen: 39.829 ng  
RT: 10.586 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



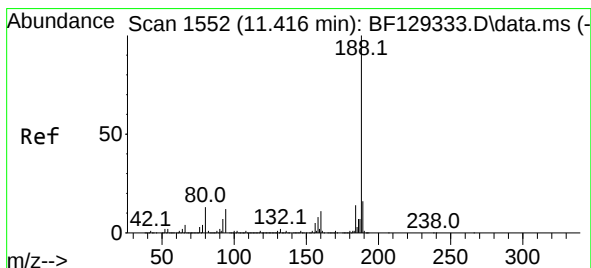
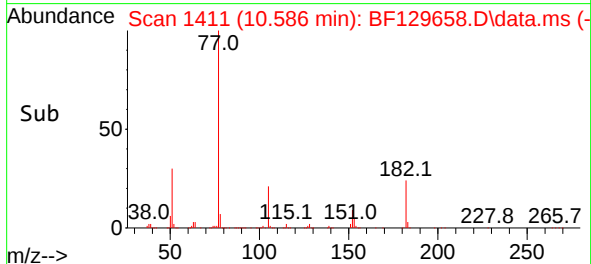
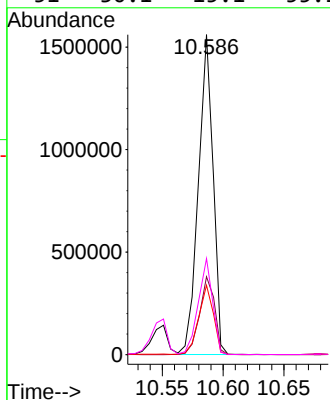
Tgt Ion: 77 Resp: 1312962  
Ion Ratio Lower Upper  
77 100  
182 24.3 5.6 45.6  
105 21.7 1.6 41.6  
51 30.1 15.1 55.1

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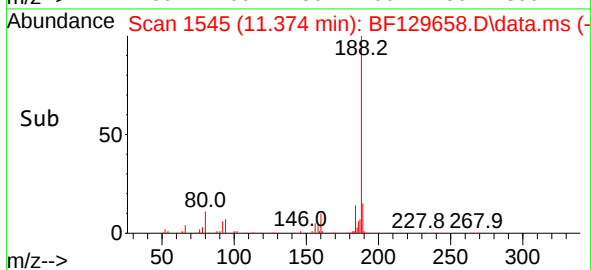
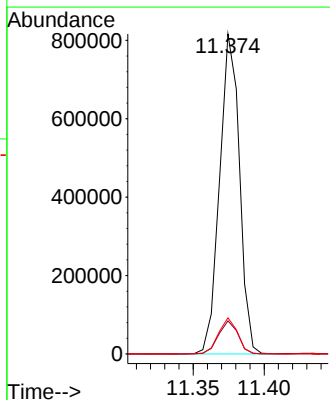
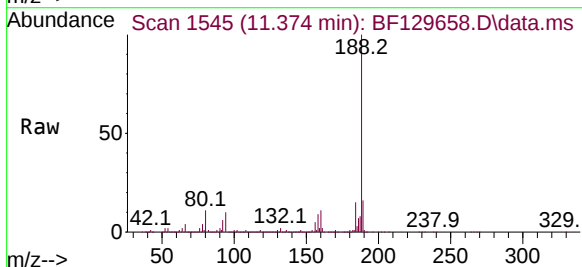
08/10/2022  
Supervised By :Jagrut  
Upadhyay

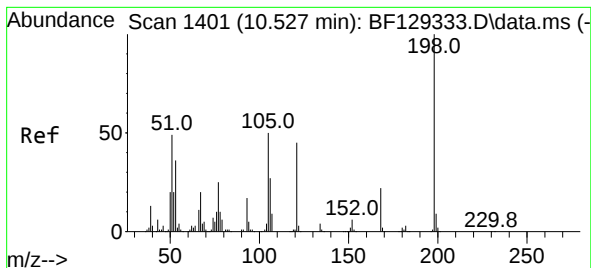
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.374 min Scan# 1545  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:188 Resp: 795761  
Ion Ratio Lower Upper  
188 100  
94 10.4 7.0 10.6  
80 11.3 7.6 11.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.503 ng  
RT: 10.504 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

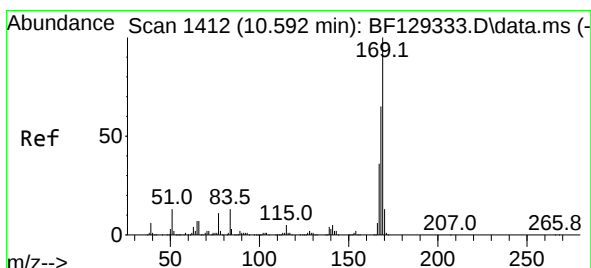
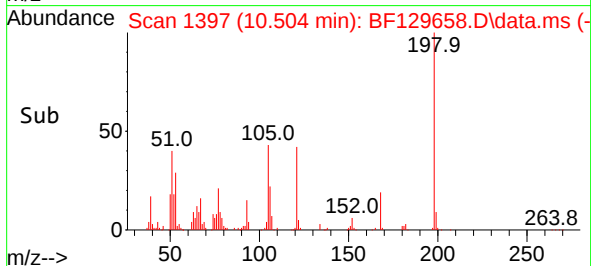
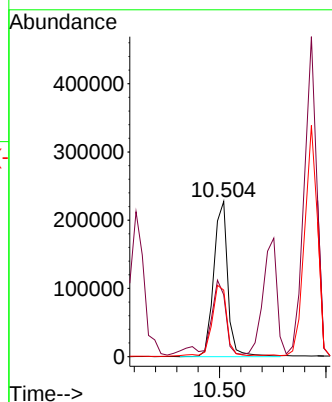
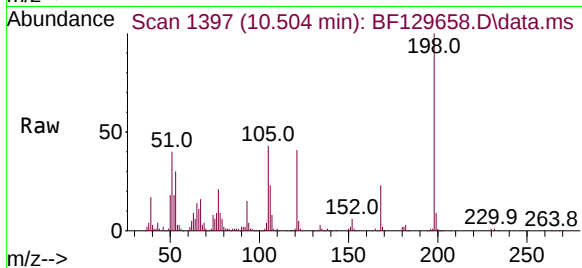
Tgt Ion:198 Resp: 208451  
Ion Ratio Lower Upper  
198 100  
51 39.9 37.6 77.6  
105 42.9 27.0 67.0

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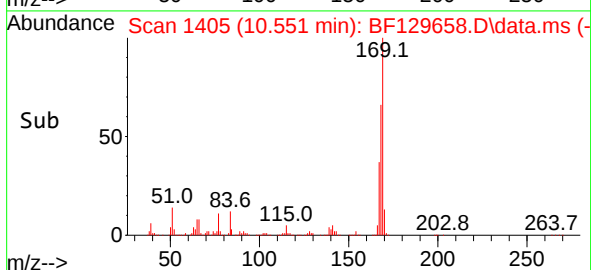
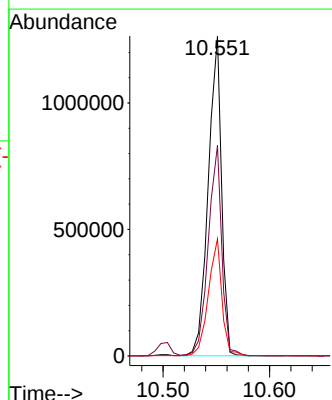
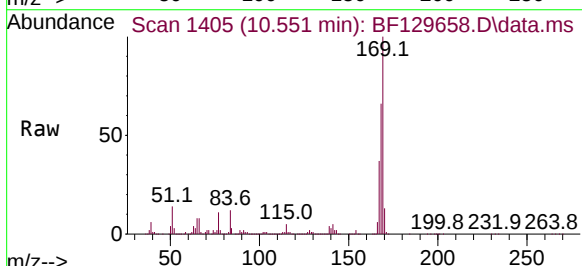
08/10/2022  
Supervised By :Jagrut  
Upadhyay

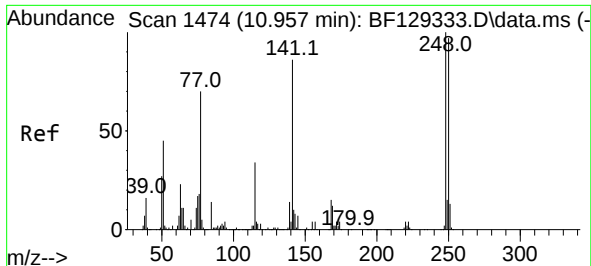
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#66  
n-Nitrosodiphenylamine  
Concen: 41.398 ng  
RT: 10.551 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

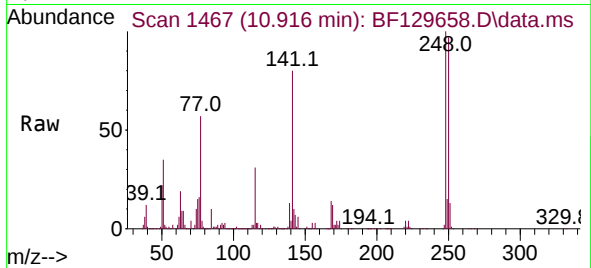
Tgt Ion:169 Resp: 1097083  
Ion Ratio Lower Upper  
169 100  
168 65.8 50.1 75.1  
167 36.6 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 43.538 ng  
RT: 10.916 min Scan# 1474  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



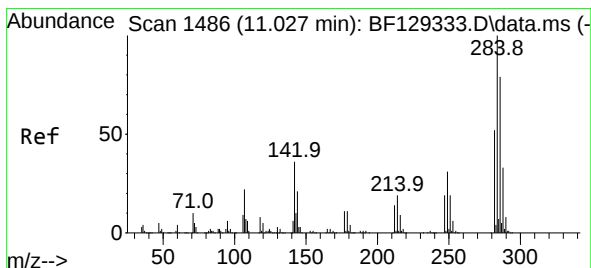
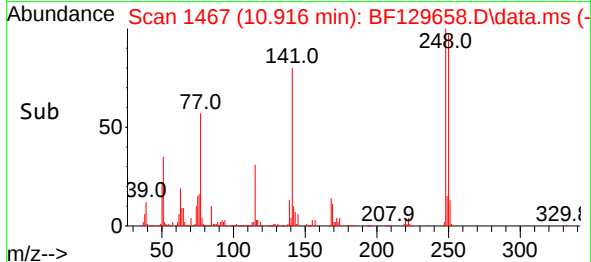
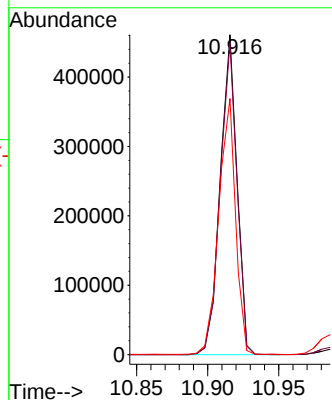
Tgt Ion:248 Resp: 37938  
Ion Ratio Lower Upper  
248 100  
250 97.4 80.6 120.8  
141 80.0 58.9 88.3

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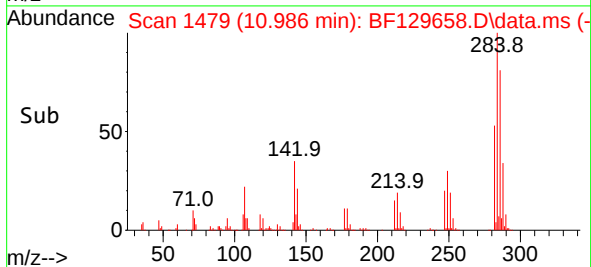
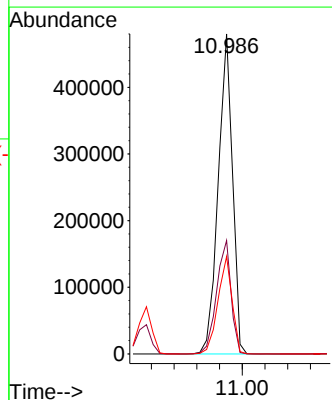
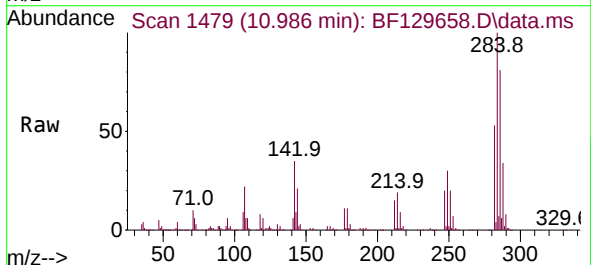
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Supervised By :Jagrut  
Upadhyay

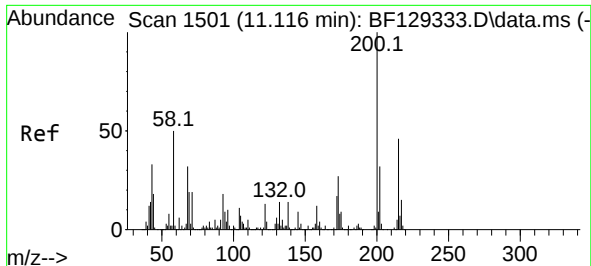
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#68  
Hexachlorobenzene  
Concen: 44.251 ng  
RT: 10.986 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

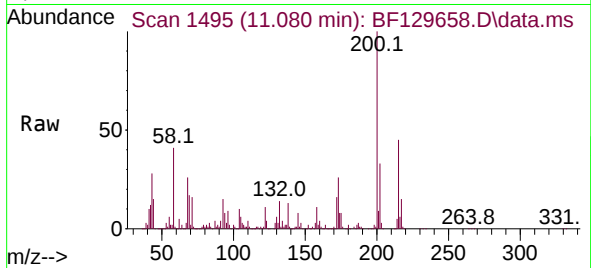
Tgt Ion:284 Resp: 417806  
Ion Ratio Lower Upper  
284 100  
142 35.4 29.0 43.4  
249 30.4 25.0 37.6





#69  
Atrazine  
Concen: 41.991 ng  
RT: 11.080 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



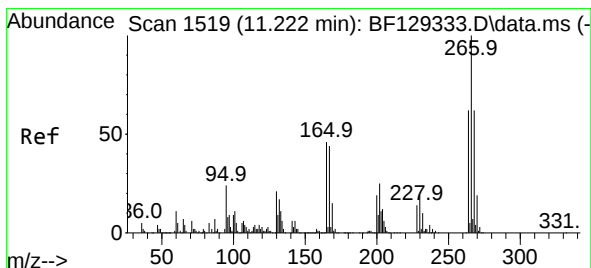
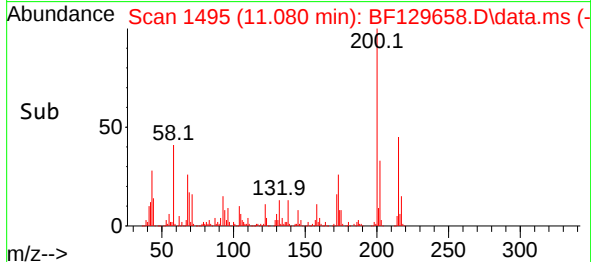
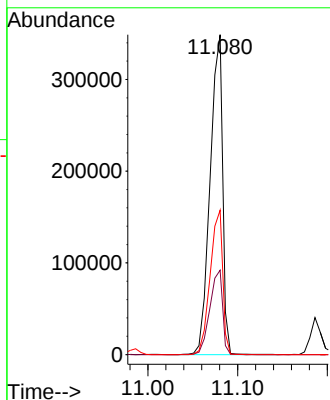
Tgt Ion:200 Resp: 338005  
Ion Ratio Lower Upper  
200 100  
173 26.4 6.3 46.3  
215 45.1 28.3 68.3

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Giraldo

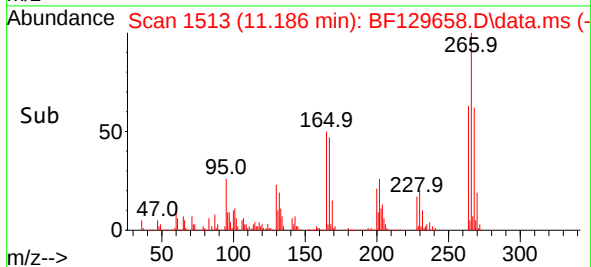
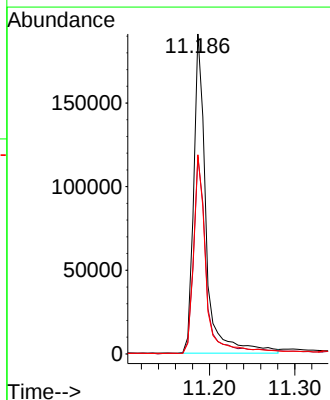
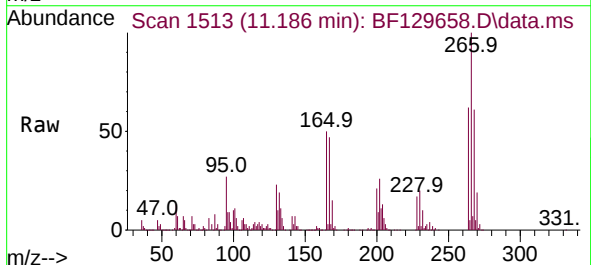
08/10/2022  
Supervised By :Jagrut  
Upadhyay

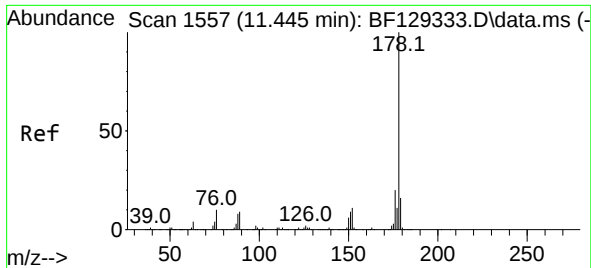
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#70  
Pentachlorophenol  
Concen: 37.631 ng  
RT: 11.186 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

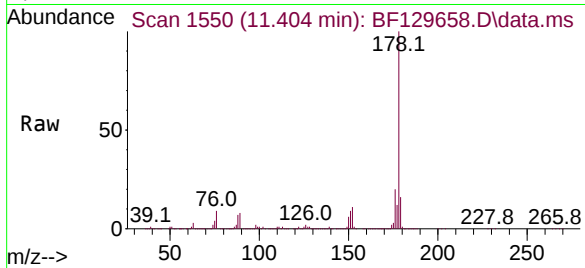
Tgt Ion:266 Resp: 193150  
Ion Ratio Lower Upper  
266 100  
268 61.5 51.0 76.4  
264 62.2 49.4 74.2





#71  
Phenanthrene  
Concen: 40.384 ng  
RT: 11.404 min Scan# 1557  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



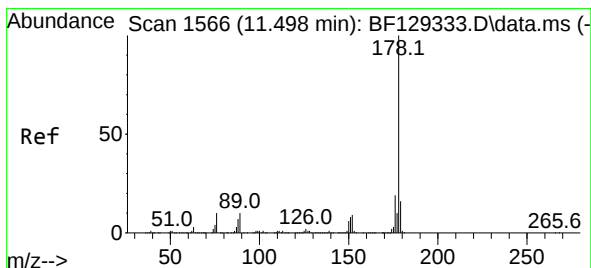
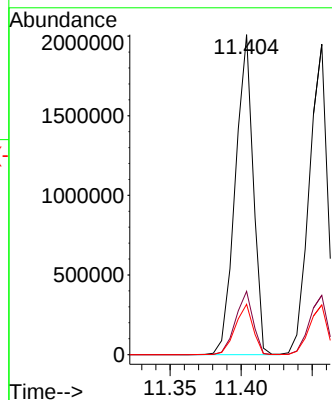
Tgt Ion:178 Resp: 1754232  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.0 24.0  
179 15.7 12.6 19.0

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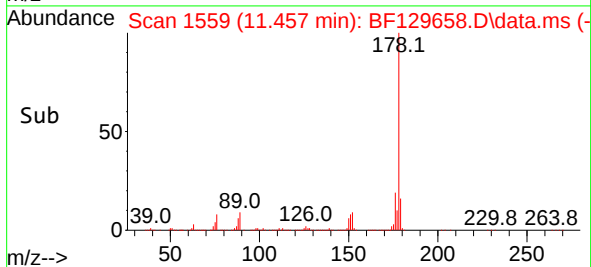
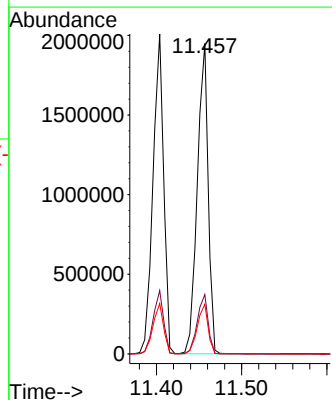
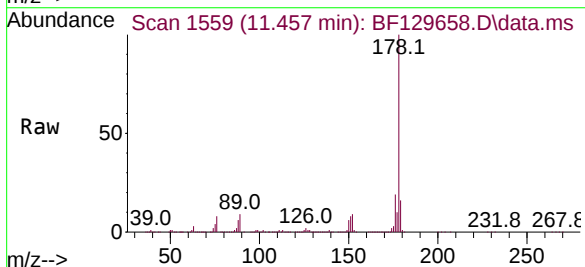
08/10/2022  
Supervised By :Jagrut  
Upadhyay

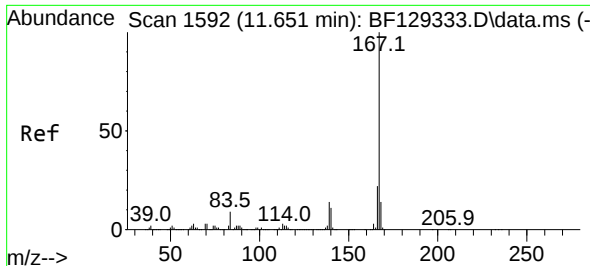
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#72  
Anthracene  
Concen: 40.455 ng  
RT: 11.457 min Scan# 1559  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:178 Resp: 1726929  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 16.0 12.6 19.0





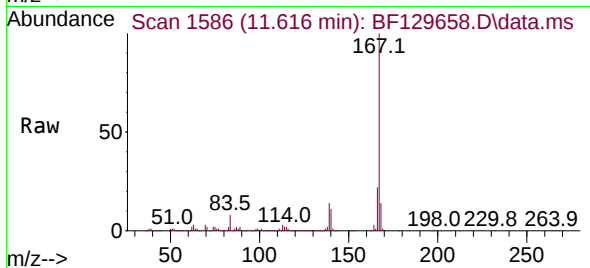
#73  
 Carbazole  
 Concen: 38.241 ng  
 RT: 11.616 min Scan# 1586  
 Delta R.T. -0.000 min  
 Lab File: BF129658.D  
 Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 153667  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.7 26.5  
 139 13.8 11.2 16.8

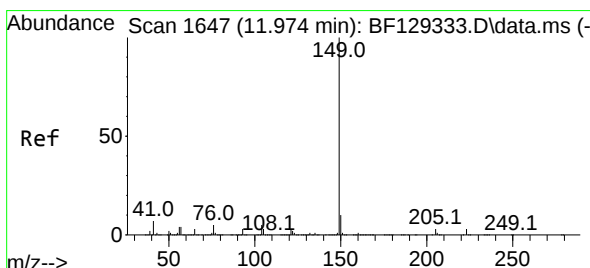
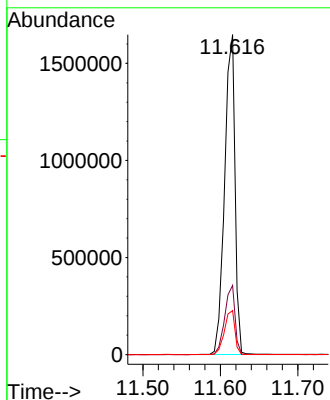
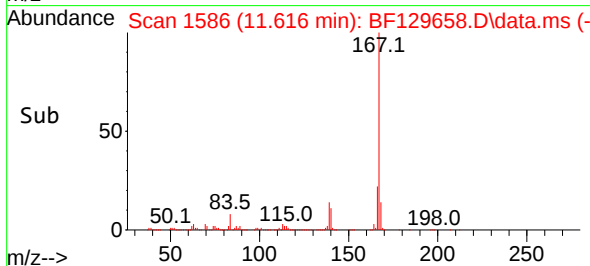
Manual Integrations  
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Reviewed By :Christian  
 Giraldo

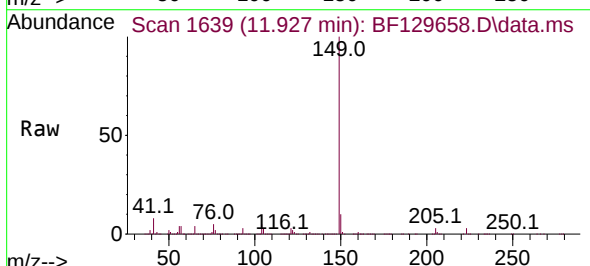
08/10/2022

Supervised By :Jagrut  
 Upadhyay

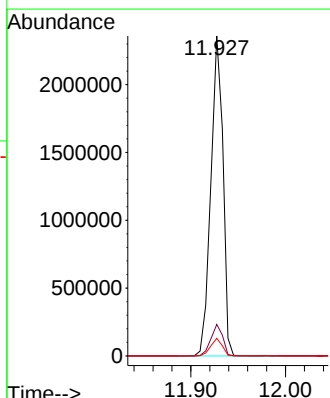
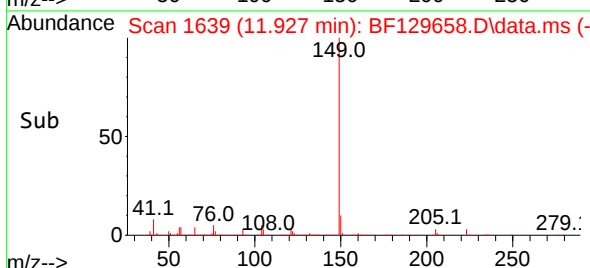
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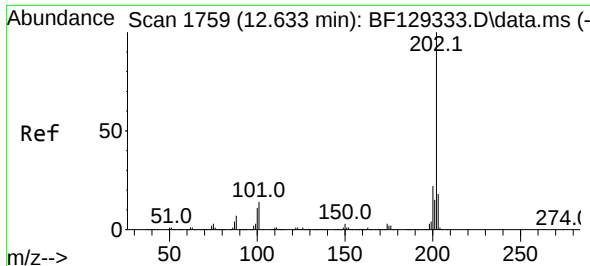


#74  
 Di-n-butylphthalate  
 Concen: 43.827 ng  
 RT: 11.927 min Scan# 1639  
 Delta R.T. -0.006 min  
 Lab File: BF129658.D  
 Acq: 09 Aug 2022 10:04



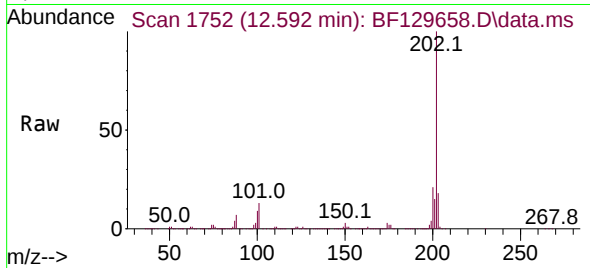
Tgt Ion:149 Resp: 2097307  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.5 11.3  
 104 5.5 4.4 6.6





#75  
Fluoranthene  
Concen: 39.255 ng  
RT: 12.592 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



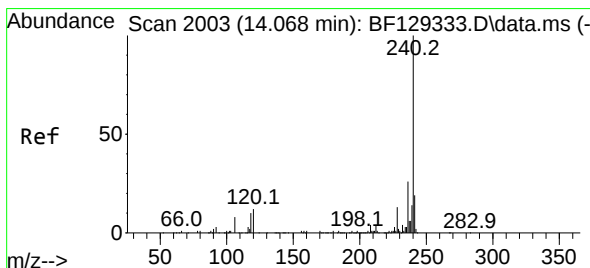
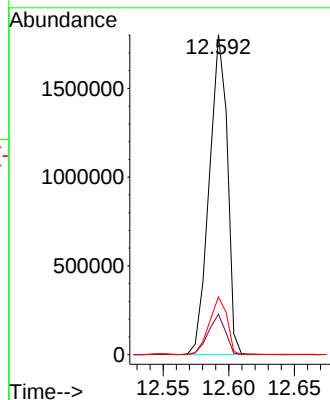
Tgt Ion:202 Resp: 1727716  
Ion Ratio Lower Upper  
202 100  
101 12.6 0.0 31.4  
203 18.0 0.0 38.0

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Reviewed By :Christian  
Giraldo

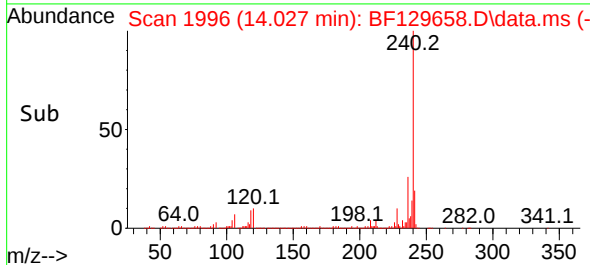
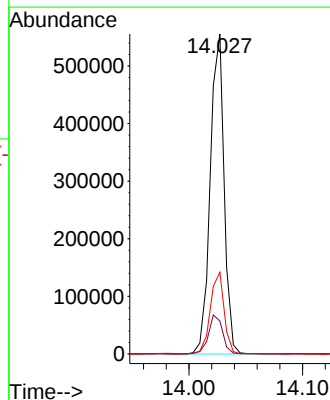
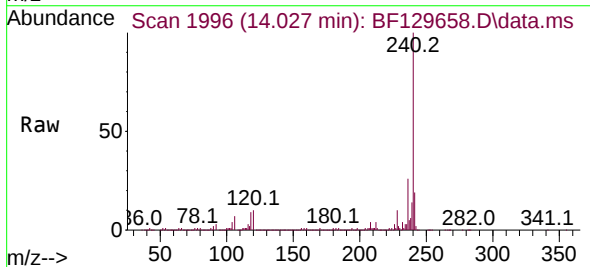
08/10/2022  
Supervised By :Jagrut  
Upadhyay

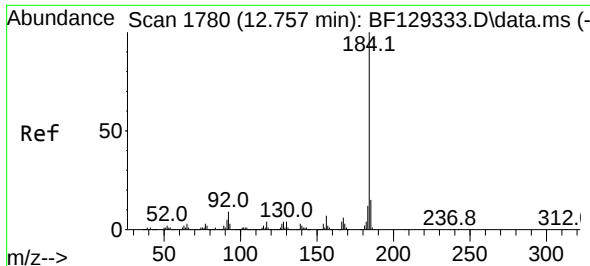
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

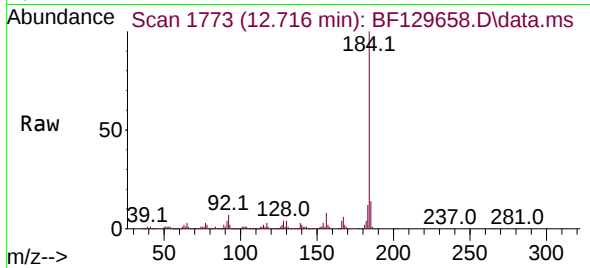
Tgt Ion:240 Resp: 473133  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.9 13.3  
236 25.5 20.8 31.2





#77  
Benzidine  
Concen: 37.504 ng  
RT: 12.716 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



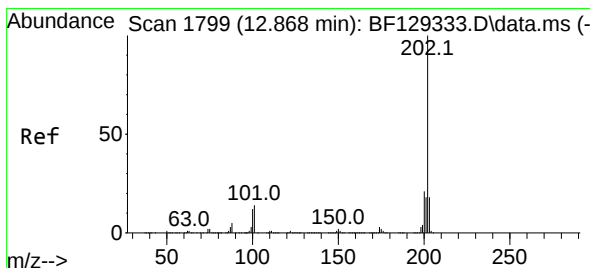
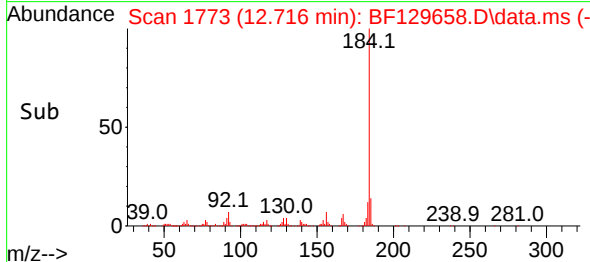
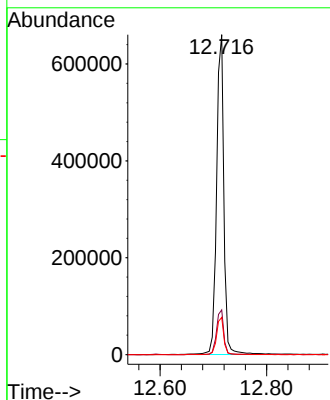
Tgt Ion:184 Resp: 626866  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.9 17.9  
183 11.6 9.3 13.9

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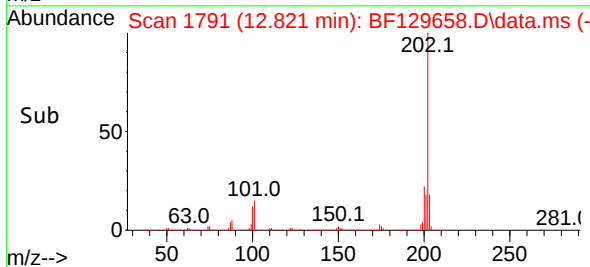
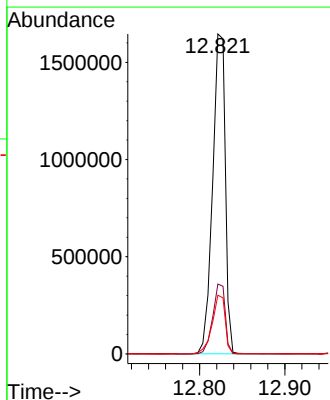
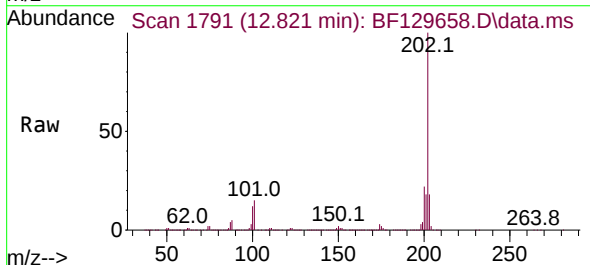
08/10/2022  
Supervised By :Jagrut  
Upadhyay

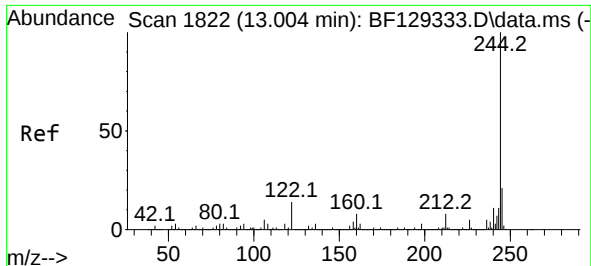
08/10/2022



#78  
Pyrene  
Concen: 43.077 ng  
RT: 12.821 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:202 Resp: 1704334  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.7 26.5  
203 18.3 14.6 21.8





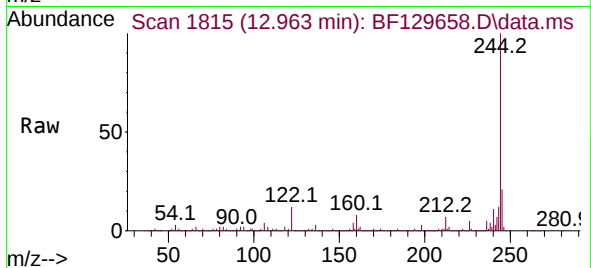
#79  
Terphenyl-d14  
Concen: 91.152 ng  
RT: 12.963 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 2285993  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.1 9.1  
122 12.3 8.8 13.2

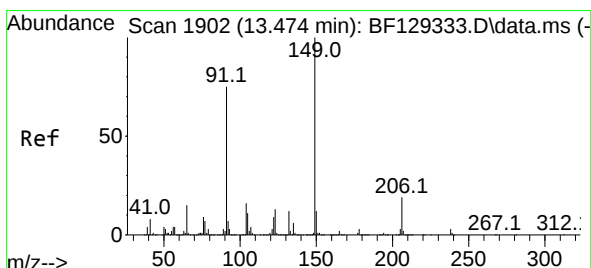
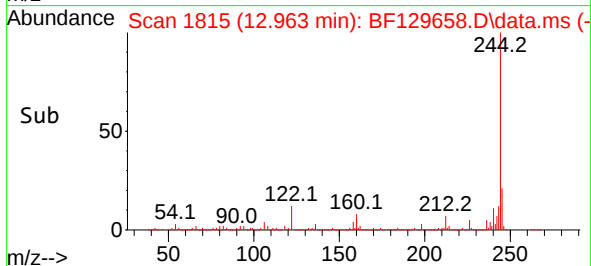
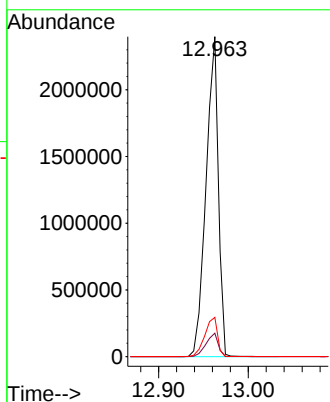
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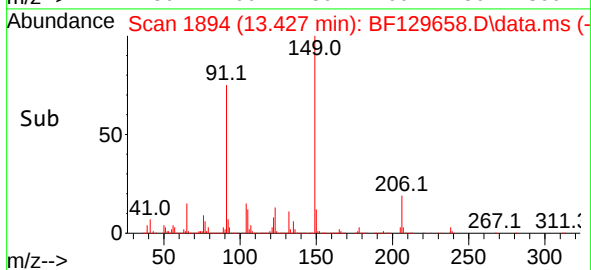
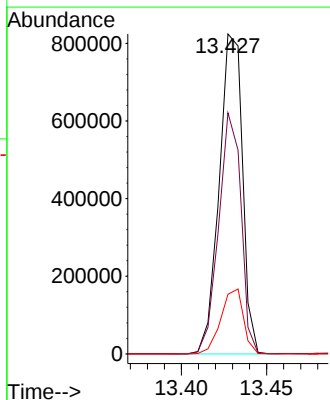
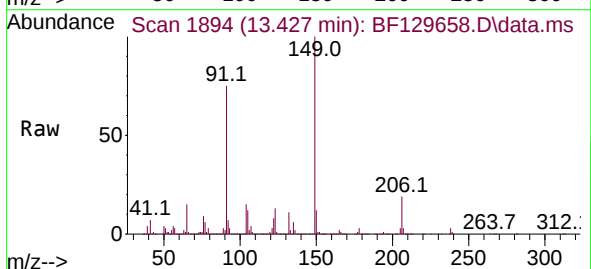
Supervised By :Jagrut  
Upadhyay

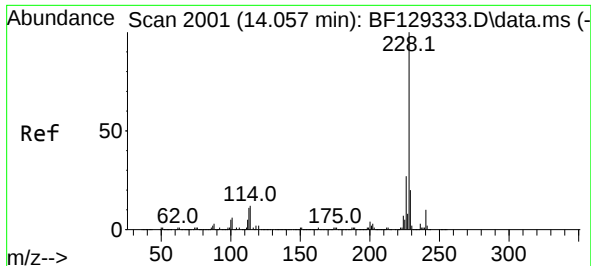
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#80  
Butylbenzylphthalate  
Concen: 45.644 ng  
RT: 13.427 min Scan# 1894  
Delta R.T. -0.012 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

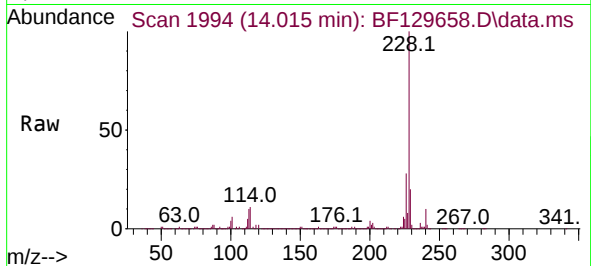
Tgt Ion:149 Resp: 783307  
Ion Ratio Lower Upper  
149 100  
91 75.3 61.2 91.8  
206 18.6 15.7 23.5





#81  
Benzo(a)anthracene  
Concen: 40.400 ng  
RT: 14.015 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



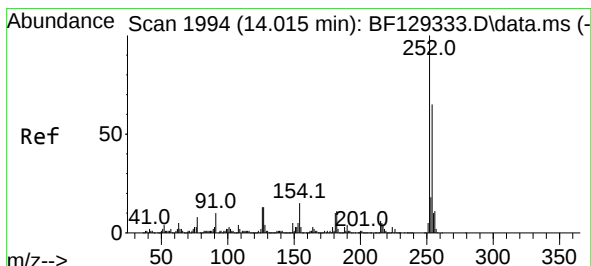
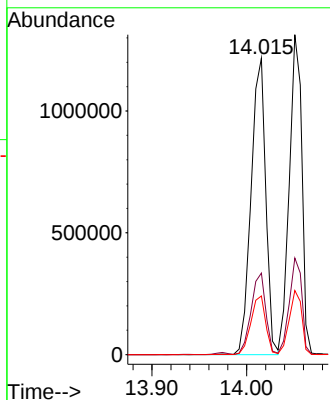
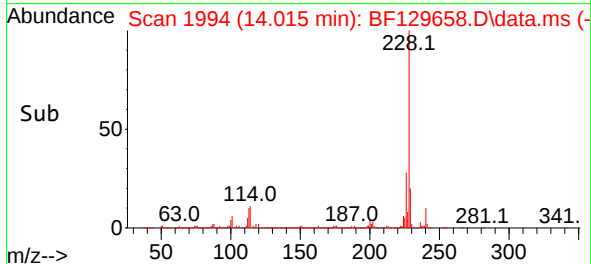
Tgt Ion:228 Resp: 1305695  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.1 33.1  
229 19.8 15.8 23.8

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Reviewed By :Christian  
Giraldo

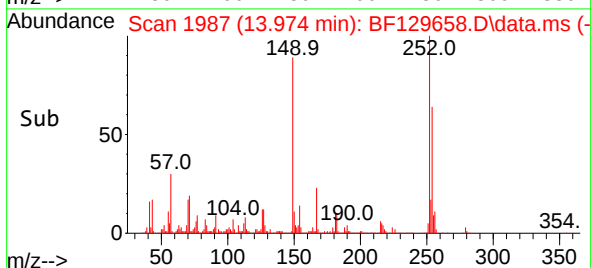
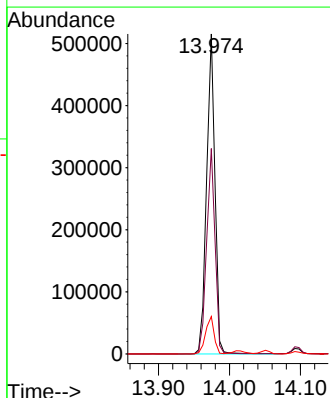
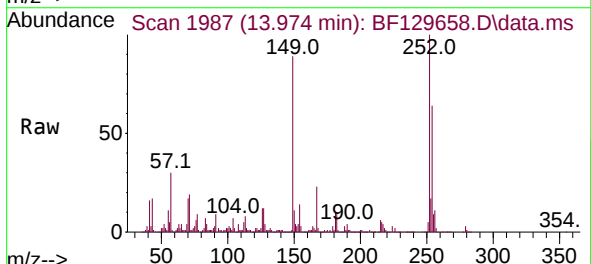
08/10/2022  
Supervised By :Jagrut  
Upadhyay

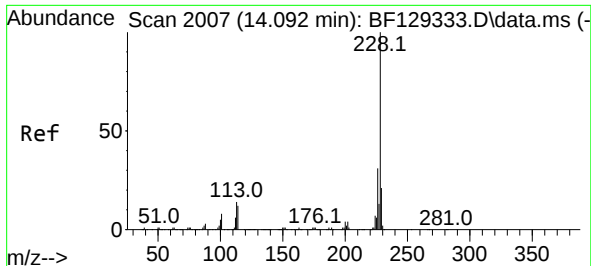
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#82  
3,3'-Dichlorobenzidine  
Concen: 39.068 ng  
RT: 13.974 min Scan# 1987  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

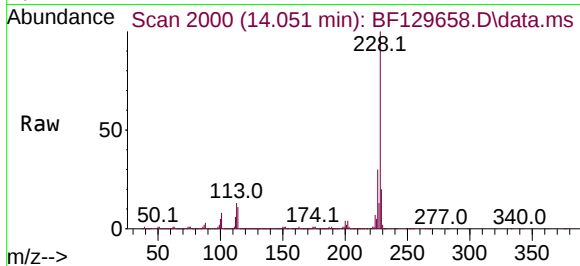
Tgt Ion:252 Resp: 416887  
Ion Ratio Lower Upper  
252 100  
254 64.2 50.2 75.4  
126 11.7 8.2 12.4





#83  
Chrysene  
Concen: 39.814 ng  
RT: 14.051 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



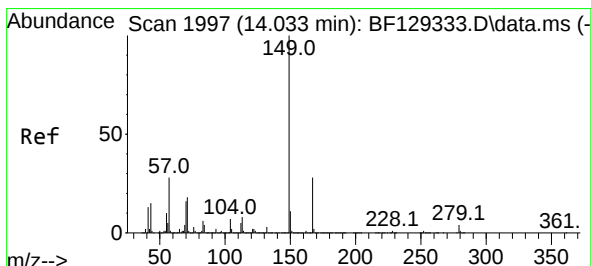
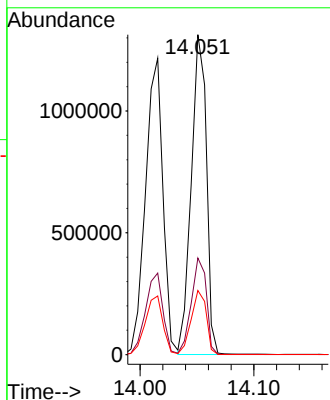
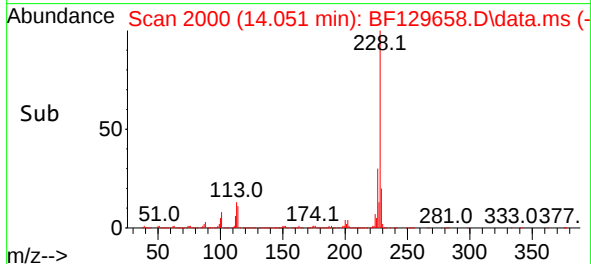
Tgt Ion:228 Resp: 1212718  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.3 36.5  
229 20.0 15.9 23.9

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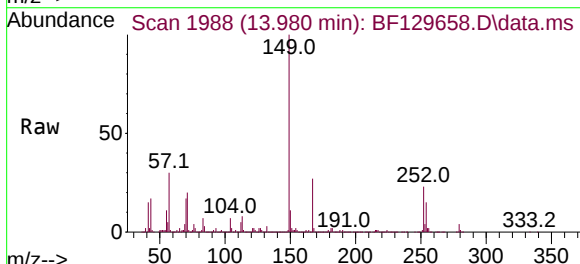
Reviewed By :Christian  
Giraldo

08/10/2022  
Supervised By :Jagrut  
Upadhyay

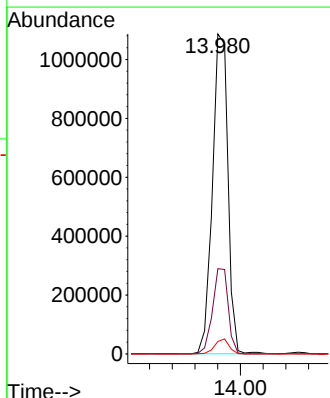
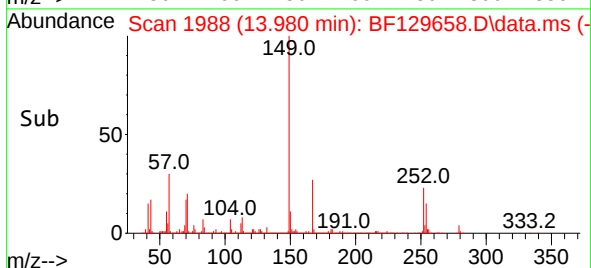
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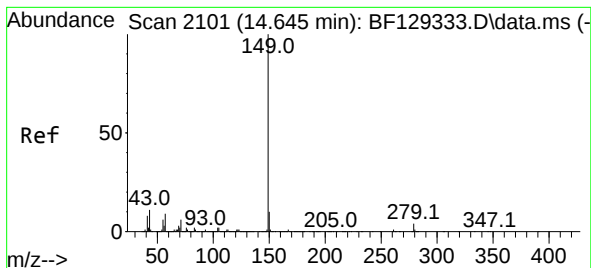


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.604 ng  
RT: 13.980 min Scan# 1988  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04



Tgt Ion:149 Resp: 1030324  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.0 31.4  
279 3.9 3.1 4.7





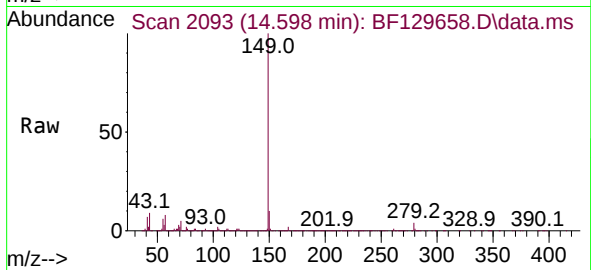
#85  
Di-n-octyl phthalate  
Concen: 47.158 ng  
RT: 14.598 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 1533218  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.8 9.2 13.8

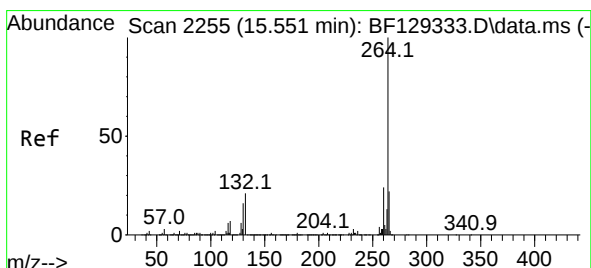
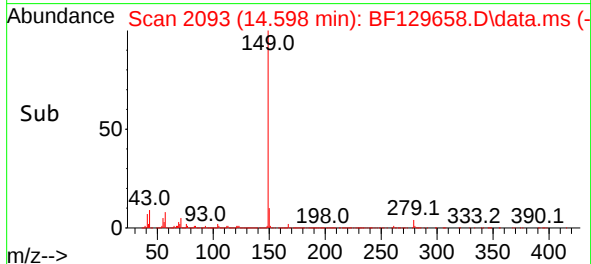
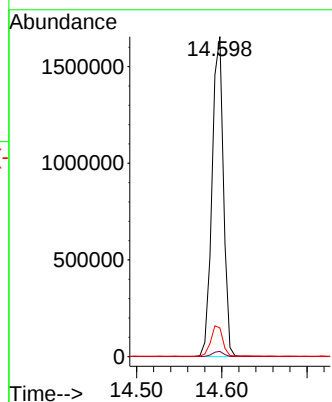
Manual Integrations  
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Reviewed By :Christian  
Giraldo

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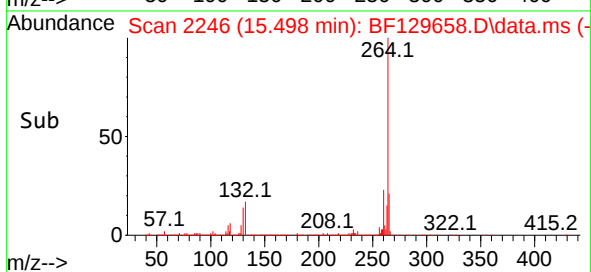
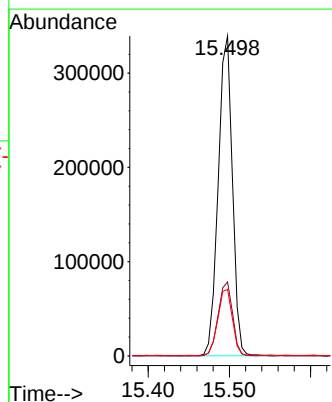
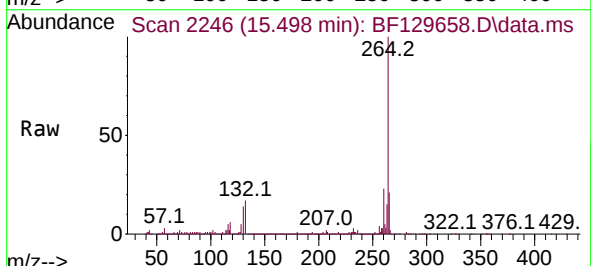
Supervised By :Jagrut  
Upadhyay

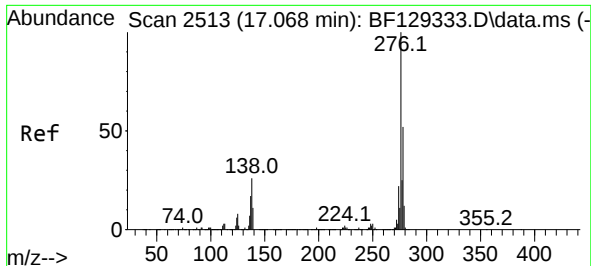
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.498 min Scan# 2246  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:264 Resp: 410823  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.4 27.6  
265 20.8 17.2 25.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.359 ng  
RT: 16.998 min Scan# 2173  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1199549  
Ion Ratio Lower Upper  
276 100  
138 24.9 21.1 31.7  
277 25.2 20.3 30.5

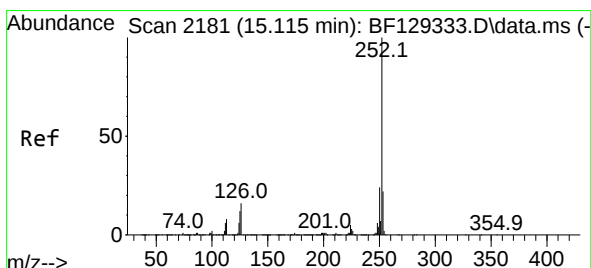
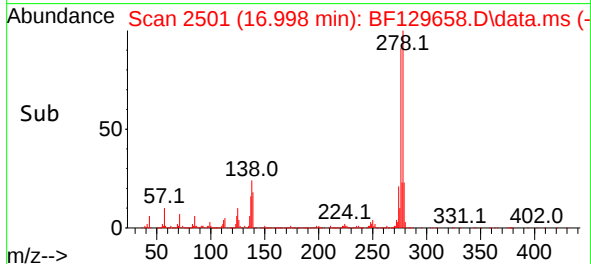
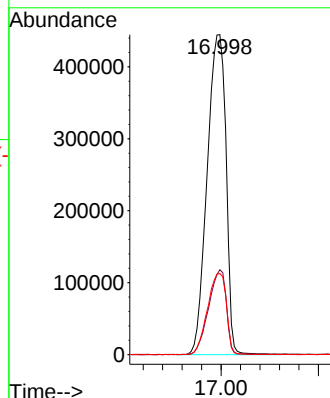
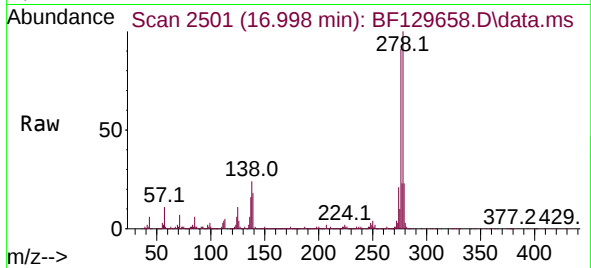
Manual Integrations  
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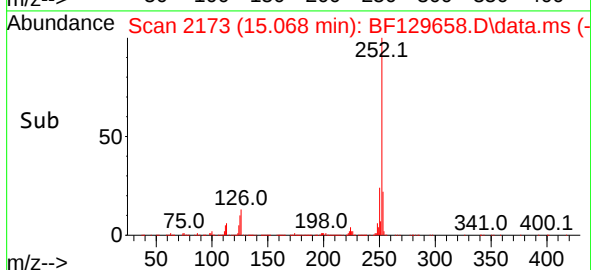
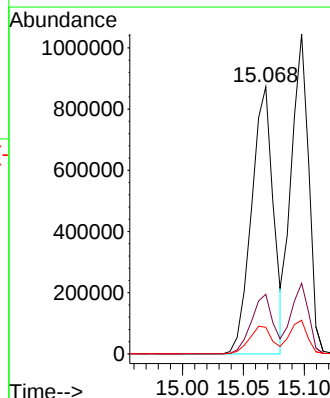
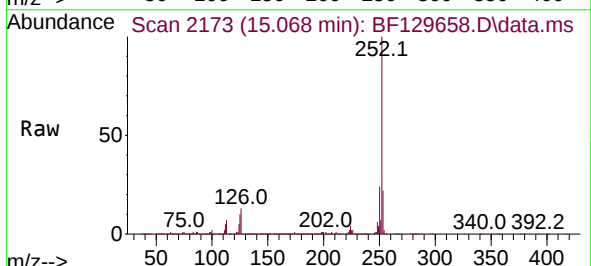
Supervised By :Jagrut  
Upadhyay

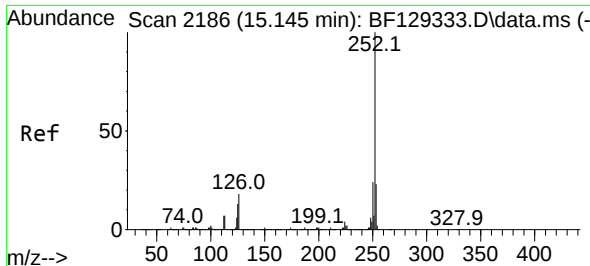
08/10/2022



#88  
Benzo(b)fluoranthene  
Concen: 40.068 ng  
RT: 15.068 min Scan# 2173  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:252 Resp: 1091895  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 38.875 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129658.D

Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 103816

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.5 8.3 12.5

Manual Integrations

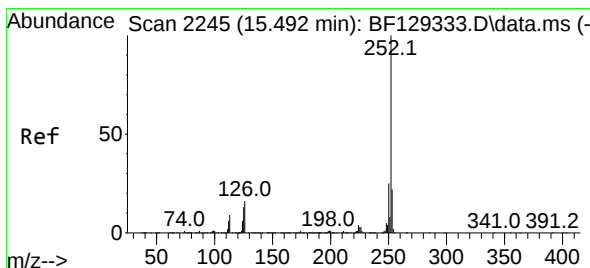
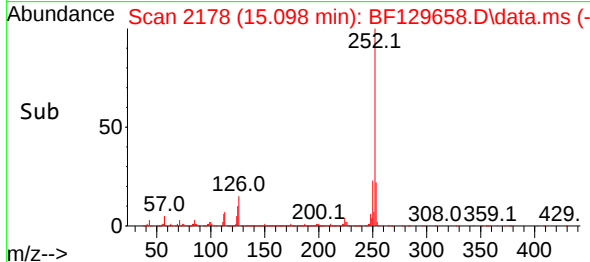
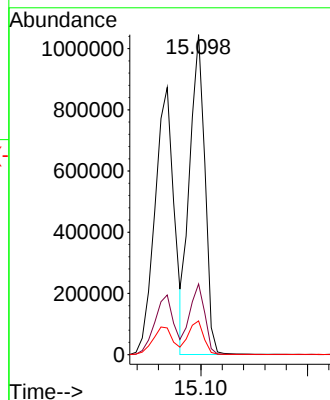
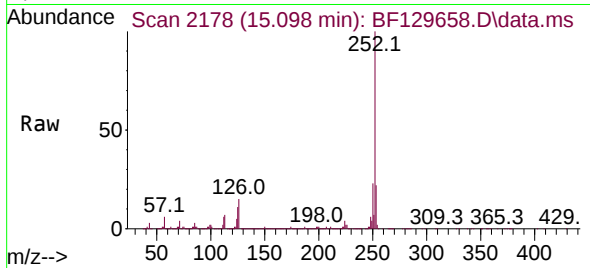
APPROVED

Reviewed By :Christian  
Giraldo

08/10/2022

Supervised By :Jagrut  
Upadhyay

08/10/2022



#90

Benzo(a)pyrene

Concen: 39.893 ng

RT: 15.439 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF129658.D

Acq: 09 Aug 2022 10:04

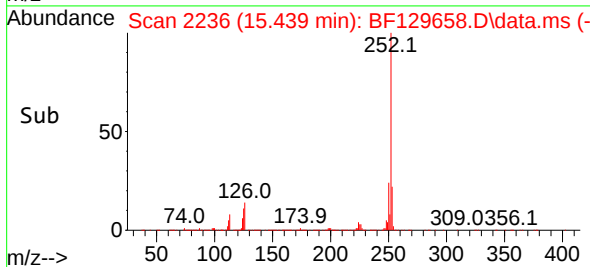
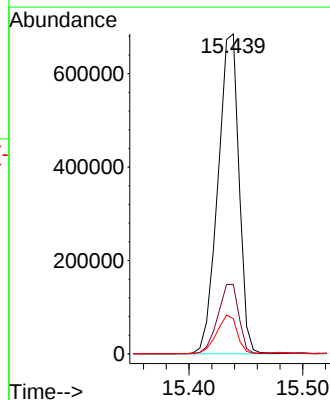
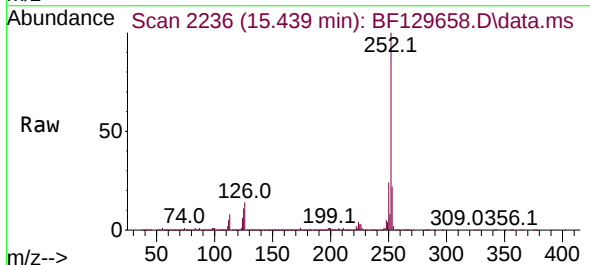
Tgt Ion:252 Resp: 882507

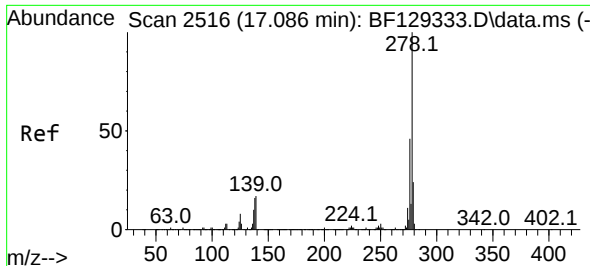
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 11.0 8.8 13.2





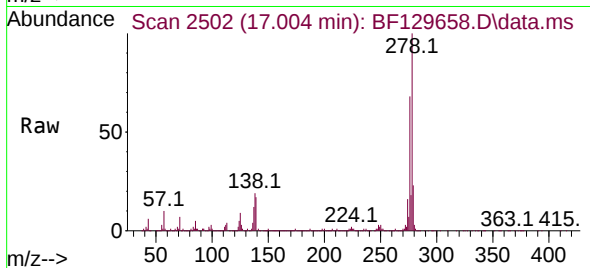
#91  
Dibenzo(a,h)anthracene  
Concen: 44.098 ng  
RT: 17.004 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:278 Resp: 992944  
Ion Ratio Lower Upper  
278 100  
139 16.8 12.8 19.2  
279 23.2 18.6 28.0

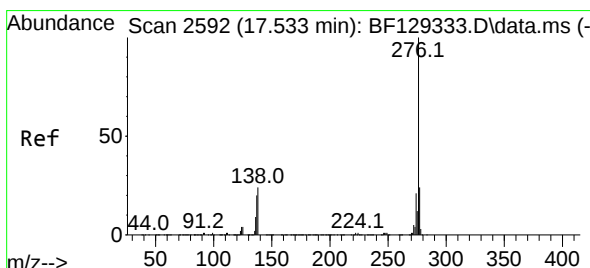
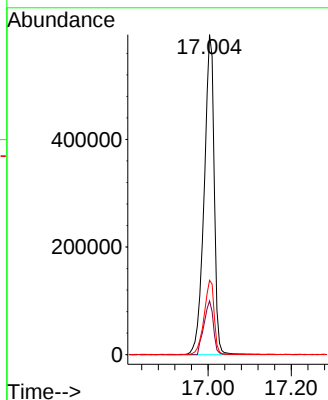
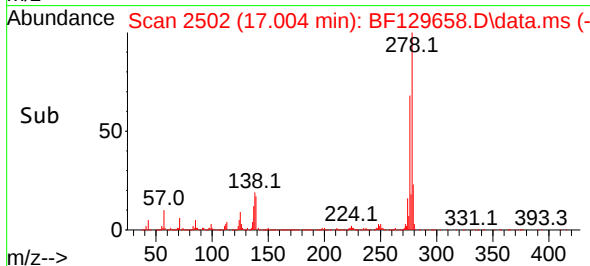
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

08/10/2022

Supervised By :Jagrut  
Upadhyay

08/10/2022



#92  
Benzo(g,h,i)perylene  
Concen: 43.280 ng  
RT: 17.451 min Scan# 2578  
Delta R.T. -0.000 min  
Lab File: BF129658.D  
Acq: 09 Aug 2022 10:04

Tgt Ion:276 Resp: 995809  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.1 28.7  
138 21.2 18.0 27.0

