

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031623\  
 Data File : BF132814.D  
 Acq On : 16 Mar 2023 15:43  
 Operator : CG\JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/17/2023  
 Supervised By : Jagrut Upadhyay 03/17/2023

Quant Time: Mar 17 03:22:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 03:14:19 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 208113   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 768066   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.004 | 164  | 403799   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.498 | 188  | 772243   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.151 | 240  | 565141   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.674 | 264  | 546038   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 285921   | 23.183 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.587  | 99   | 370814   | 23.164 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.522  | 82   | 315633   | 21.030 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.792 | 330  | 90905    | 21.177 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 595338   | 24.219 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.080 | 244  | 666851   | 21.307 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.799  | 88   | 71374    | 10.268 | ng    | 98       |
| 3) Pyridine                   | 3.599  | 79   | 158874m  | 9.288  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.528  | 42   | 61035    | 9.611  | ng    | 95       |
| 6) Aniline                    | 6.628  | 93   | 194783   | 10.593 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.751  | 128  | 151082   | 11.480 | ng    | 94       |
| 9) Benzaldehyde               | 6.516  | 77   | 95234    | 14.456 | ng    | 98       |
| 10) Phenol                    | 6.604  | 94   | 208039   | 11.440 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.687  | 93   | 168596   | 10.024 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.898  | 146  | 161961   | 11.355 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.975  | 146  | 164275   | 11.539 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.128  | 146  | 153919   | 11.849 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.098  | 79   | 89700    | 9.688  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.228  | 45   | 184864   | 11.297 | ng    | 99       |
| 17) 2-Methylphenol            | 7.216  | 107  | 132496   | 11.078 | ng    | 98       |
| 18) Hexachloroethane          | 7.469  | 117  | 58045    | 10.654 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.363  | 70   | 106990   | 11.714 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.369  | 107  | 169707   | 11.785 | ng    | # 82     |
| 22) Acetophenone              | 7.363  | 105  | 211169   | 11.515 | ng    | 99       |
| 24) Nitrobenzene              | 7.539  | 77   | 172059   | 10.604 | ng    | 97       |
| 25) Isophorone                | 7.775  | 82   | 297158   | 10.072 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.857  | 139  | 77377    | 10.238 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.892  | 122  | 128174   | 10.946 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.981  | 93   | 188929   | 10.661 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.110  | 162  | 126923   | 10.469 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.181  | 180  | 140046   | 10.800 | ng    | 99       |
| 31) Naphthalene               | 8.263  | 128  | 440152   | 11.423 | ng    | 98       |
| 32) Benzoic acid              | 7.986  | 122  | 17607m   | 12.306 | ng    |          |
| 33) 4-Chloroaniline           | 8.322  | 127  | 158127   | 9.436  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.375  | 225  | 87095    | 10.586 | ng    | 99       |
| 35) Caprolactam               | 8.657  | 113  | 36403    | 9.794  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.804  | 107  | 125841   | 10.206 | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.957  | 142  | 294364   | 11.392 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.057  | 142  | 270705   | 11.127 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.122  | 216  | 144446   | 10.904 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.104  | 237  | 33946    | 9.485  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.239  | 196  | 90127    | 10.449 | ng    | 97       |

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 Sample : SSTDICC010  
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Manual Integrations  
 APPROVED

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Quant Time: Mar 17 03:22:34 2023  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 03:14:19 2023  
 Response via : Initial Calibration

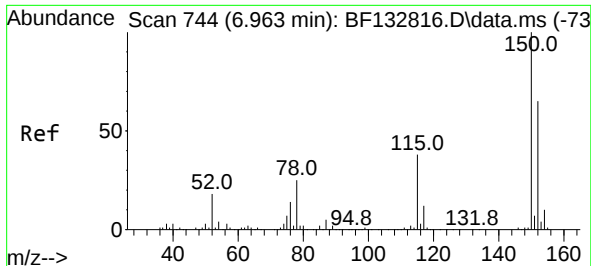
| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.292  | 196  | 101207   | 10.078 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.416  | 154  | 347526   | 11.601 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.445  | 162  | 268539   | 11.321 | ng    | 96       |
| 48) 2-Nitroaniline             | 9.545  | 65   | 81147    | 10.417 | ng    | 99       |
| 49) Acenaphthylene             | 9.863  | 152  | 423123   | 11.608 | ng    | 99       |
| 50) Dimethylphthalate          | 9.710  | 163  | 311121   | 10.746 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.780  | 165  | 68396    | 10.684 | ng    | 95       |
| 52) Acenaphthene               | 10.033 | 154  | 248603   | 11.330 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.957  | 138  | 73492    | 10.270 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 10.075 | 184  | 15374    | 12.103 | ng    | 90       |
| 55) Dibenzofuran               | 10.210 | 168  | 398196   | 11.806 | ng    | 93       |
| 56) 4-Nitrophenol              | 10.151 | 139  | 36411    | 8.534  | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.192 | 165  | 88740    | 10.852 | ng    | 90       |
| 58) Fluorene                   | 10.551 | 166  | 308884   | 11.516 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.327 | 232  | 74714    | 10.266 | ng    | 99       |
| 60) Diethylphthalate           | 10.410 | 149  | 302553   | 11.028 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.539 | 204  | 158444   | 11.254 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.569 | 138  | 74504    | 11.907 | ng    | 89       |
| 63) Azobenzene                 | 10.698 | 77   | 308830   | 11.010 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 10.598 | 198  | 42748    | 9.032  | ng    | 86       |
| 66) n-Nitrosodiphenylamine     | 10.657 | 169  | 264614   | 11.087 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 11.033 | 248  | 94050    | 10.534 | ng    | 93       |
| 68) Hexachlorobenzene          | 11.104 | 284  | 98964    | 10.467 | ng    | # 90     |
| 69) Atrazine                   | 11.180 | 200  | 74560    | 10.848 | ng    | 98       |
| 70) Pentachlorophenol          | 11.304 | 266  | 31012m   | 7.751  | ng    |          |
| 71) Phenanthrene               | 11.522 | 178  | 436664   | 11.234 | ng    | 98       |
| 72) Anthracene                 | 11.569 | 178  | 447218   | 11.231 | ng    | 99       |
| 73) Carbazole                  | 11.727 | 167  | 403645   | 11.290 | ng    | 99       |
| 74) Di-n-butylphthalate        | 12.045 | 149  | 471041   | 11.059 | ng    | # 97     |
| 75) Fluoranthene               | 12.716 | 202  | 458355   | 10.835 | ng    | 97       |
| 77) Benzidine                  | 12.857 | 184  | 20626m   | 5.763  | ng    |          |
| 78) Pyrene                     | 12.945 | 202  | 481148   | 10.244 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.551 | 149  | 181766   | 9.459  | ng    | 92       |
| 81) Benzo(a)anthracene         | 14.139 | 228  | 422727   | 10.334 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 14.098 | 252  | 120928   | 11.388 | ng    | 100      |
| 83) Chrysene                   | 14.174 | 228  | 404726   | 10.470 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha...  | 14.104 | 149  | 248900   | 10.301 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.721 | 149  | 399480   | 10.554 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 17.239 | 276  | 288550   | 8.430  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.215 | 252  | 373148   | 10.476 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.251 | 252  | 366899   | 10.541 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.609 | 252  | 339731   | 10.231 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.251 | 278  | 239806   | 8.585  | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.715 | 276  | 226321   | 7.754  | ng    | 99       |

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

## Manual Integrations

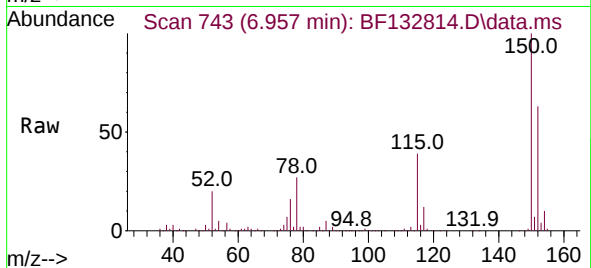
Quant Time: Mar 17 03:22:34 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 17 03:14:19 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.957 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

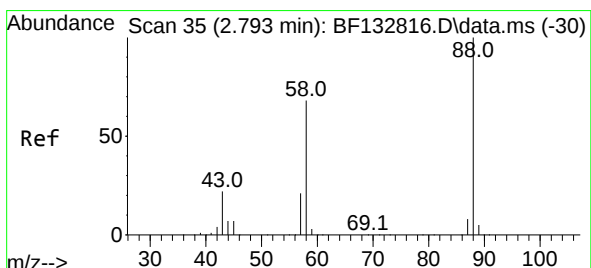
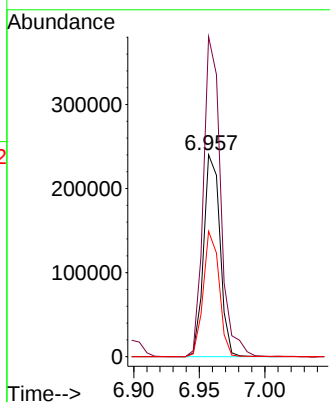
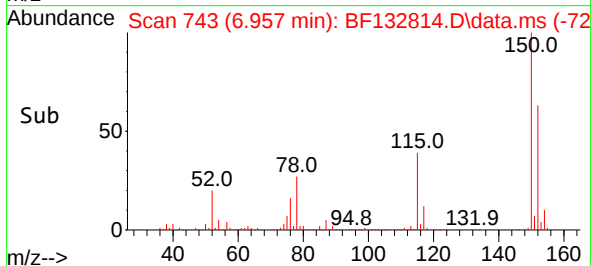
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:152 Resp: 208113  
Ion Ratio Lower Upper  
152 100  
150 158.5 122.7 184.1  
115 62.1 46.2 69.4

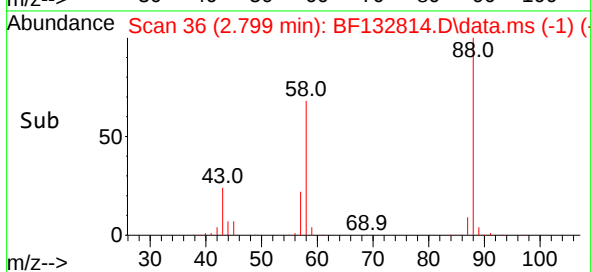
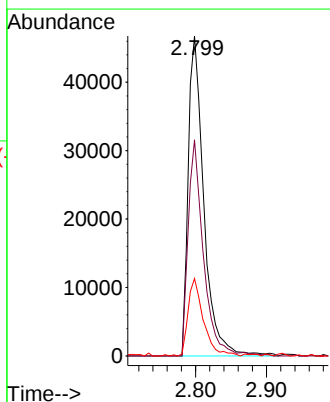
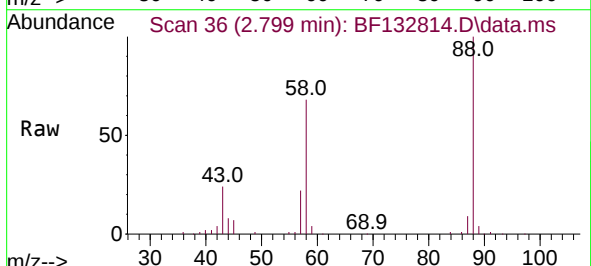
Manual Integrations  
APPROVED

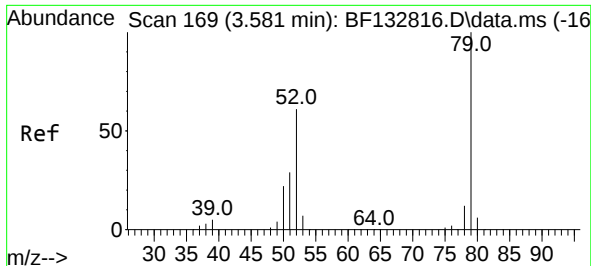
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#2  
1,4-Dioxane  
Concen: 10.268 ng  
RT: 2.799 min Scan# 36  
Delta R.T. 0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

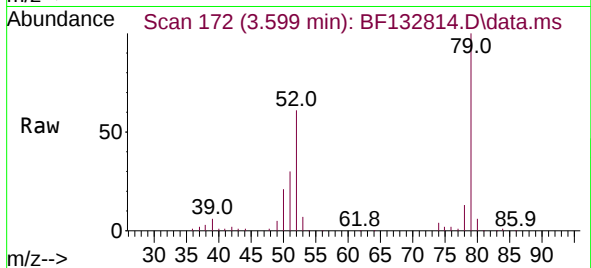
Tgt Ion: 88 Resp: 71374  
Ion Ratio Lower Upper  
88 100  
58 66.2 53.8 80.8  
43 23.7 18.2 27.4





#3  
Pyridine  
Concen: 9.288 ng m  
RT: 3.599 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

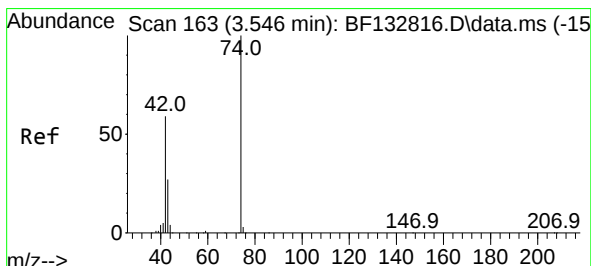
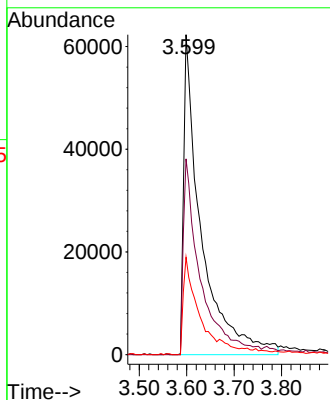
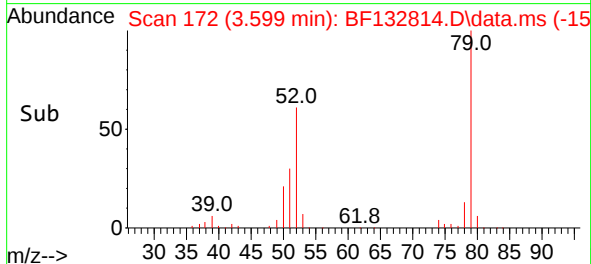
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



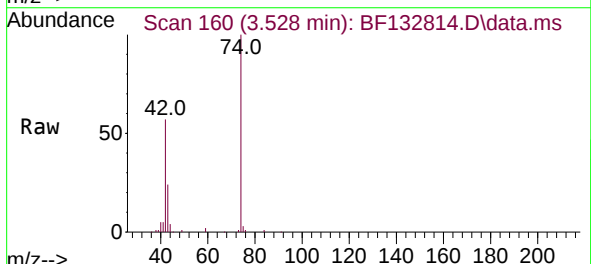
Tgt Ion: 79 Resp: 158874  
Ion Ratio Lower Upper  
79 100  
52 61.2 48.5 72.7  
51 30.4 23.1 34.7

Manual Integrations  
APPROVED

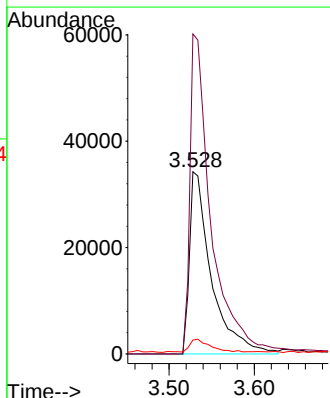
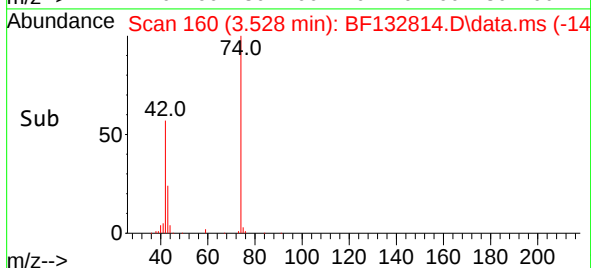
Reviewed By :Christian Giraldo 03/17/2023  
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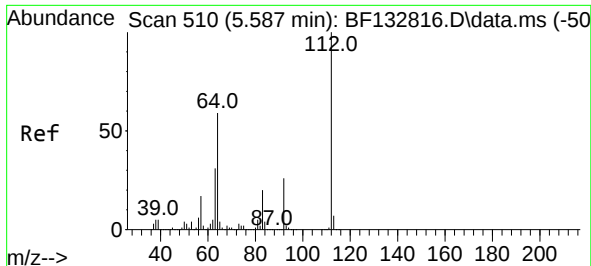


#4  
n-Nitrosodimethylamine  
Concen: 9.611 ng  
RT: 3.528 min Scan# 160  
Delta R.T. -0.018 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



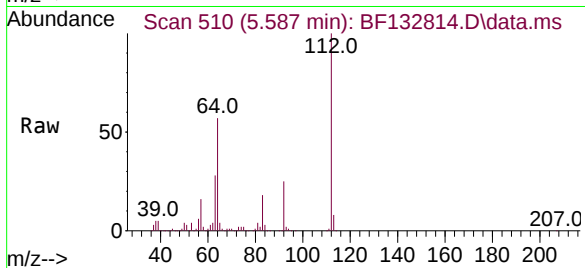
Tgt Ion: 42 Resp: 61035  
Ion Ratio Lower Upper  
42 100  
74 175.6 135.2 202.8  
44 7.6 6.0 9.0





#5  
2-Fluorophenol  
Concen: 23.183 ng  
RT: 5.587 min Scan# 510  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

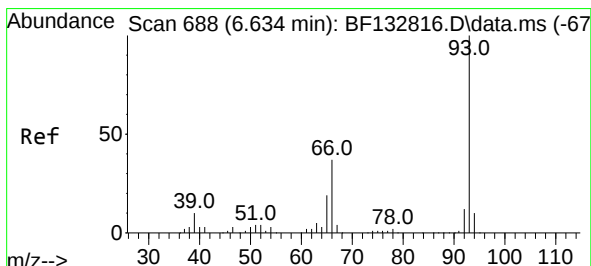
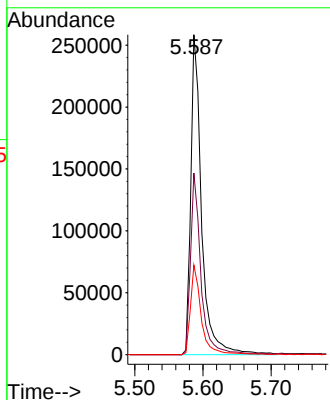
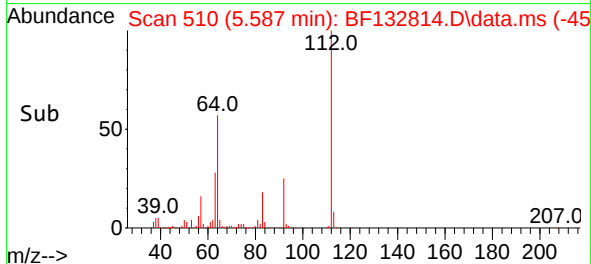
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:112 Resp: 28592  
Ion Ratio Lower Upper  
112 100  
64 56.7 47.1 70.7  
63 28.0 24.4 36.6

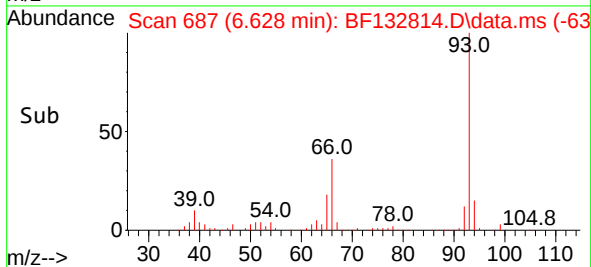
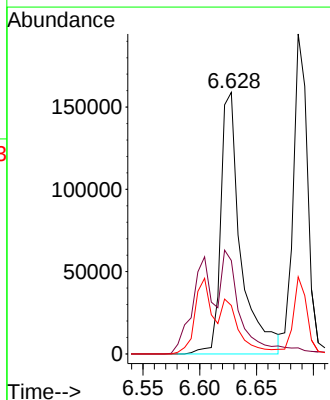
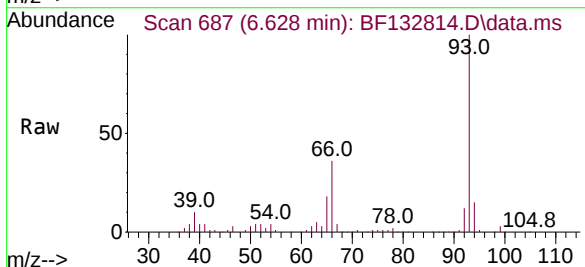
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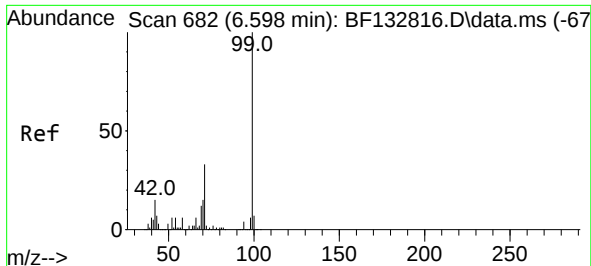
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#6  
Aniline  
Concen: 10.593 ng  
RT: 6.628 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

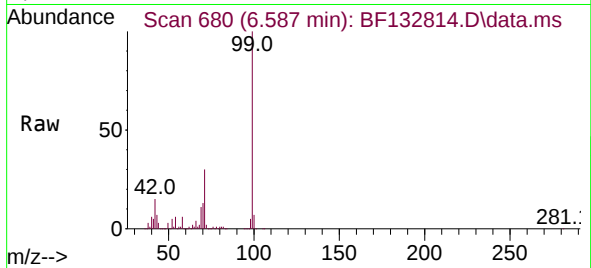
Tgt Ion: 93 Resp: 194783  
Ion Ratio Lower Upper  
93 100  
66 35.7 30.1 45.1  
65 18.5 15.0 22.6





#7  
Phenol-d6  
Concen: 23.164 ng  
RT: 6.587 min Scan# 682  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

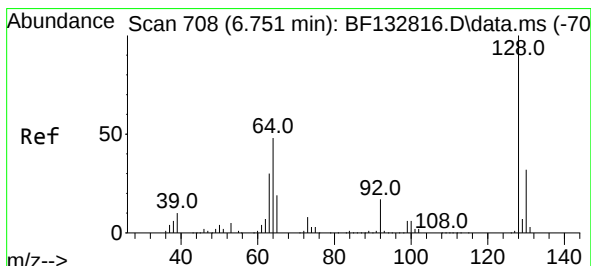
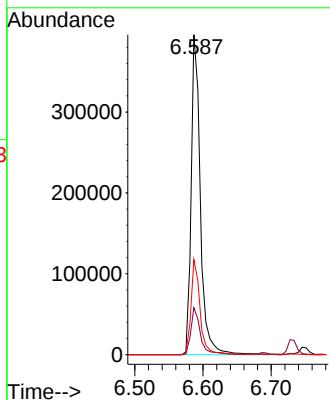
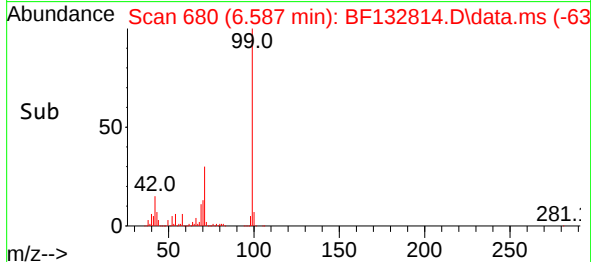
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion: 99 Resp: 370814  
Ion Ratio Lower Upper  
99 100  
42 14.7 11.9 17.9  
71 29.7 26.3 39.5

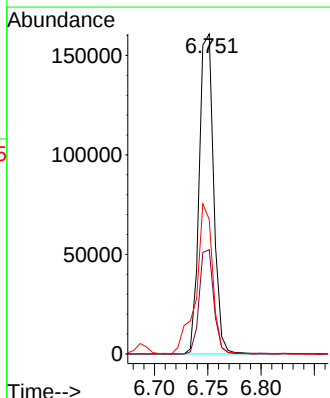
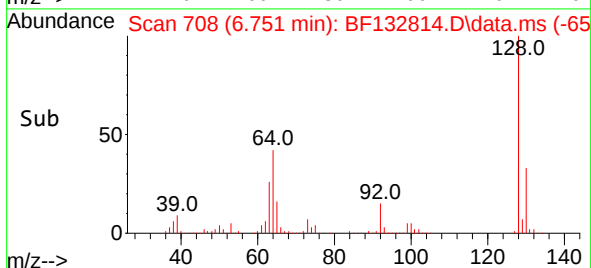
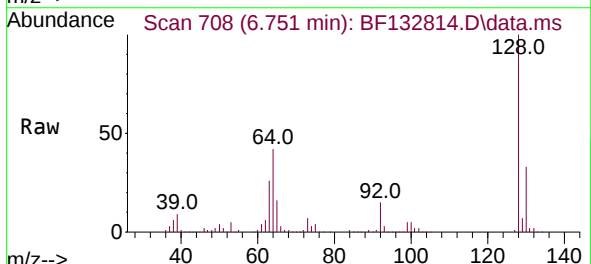
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APPROVED

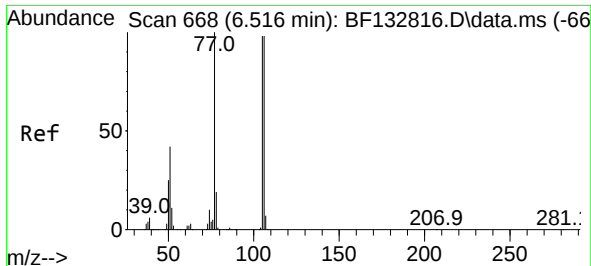
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#8  
2-Chlorophenol  
Concen: 11.480 ng  
RT: 6.751 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

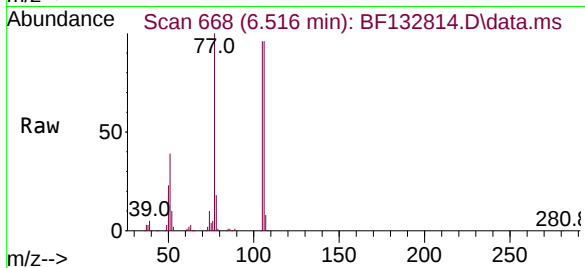
Tgt Ion:128 Resp: 151082  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.4 52.4  
64 42.0 28.4 68.4





#9  
Benzaldehyde  
Concen: 14.456 ng  
RT: 6.516 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

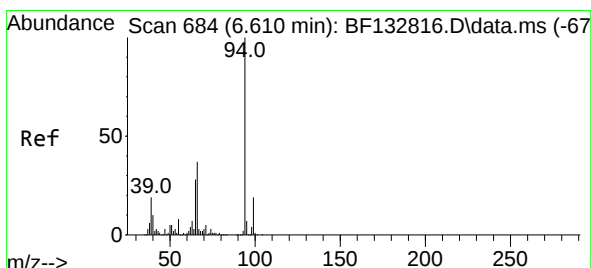
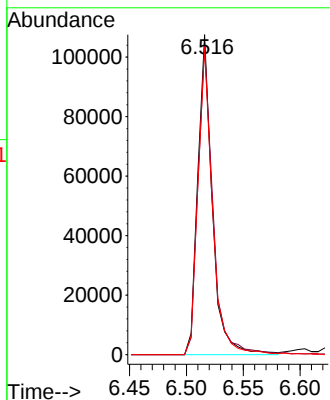
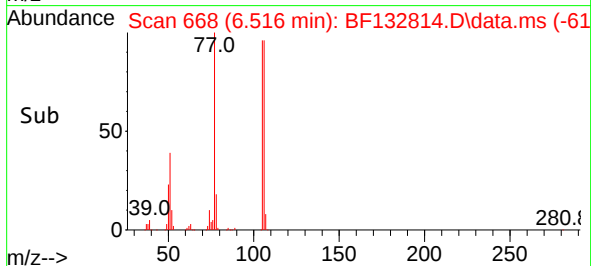
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion: 77 Resp: 95234  
Ion Ratio Lower Upper  
77 100  
105 96.4 77.5 117.5  
106 96.0 78.5 118.5

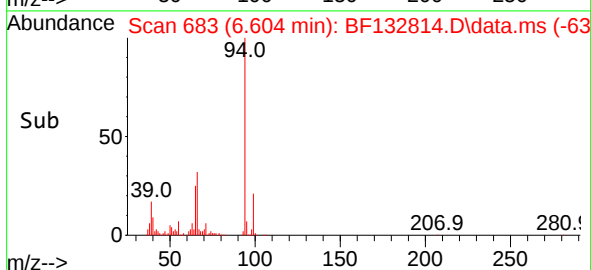
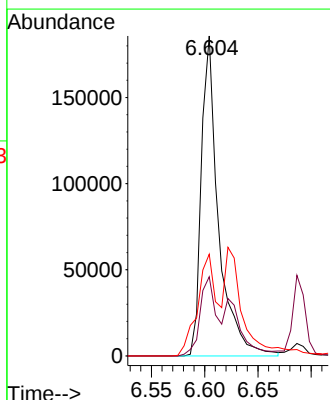
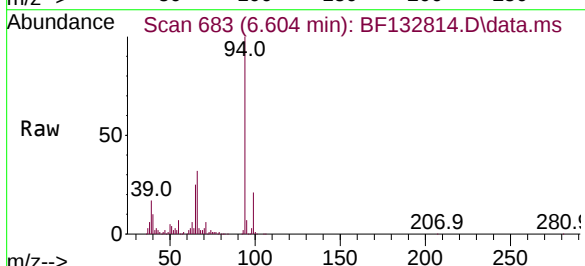
Manual Integrations  
APPROVED

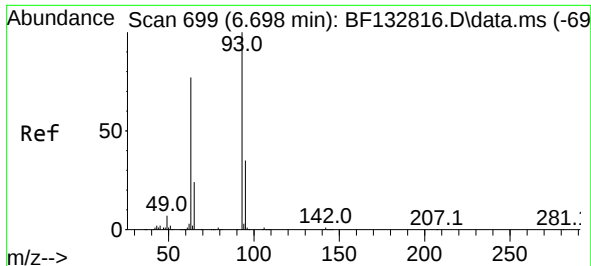
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#10  
Phenol  
Concen: 11.440 ng  
RT: 6.604 min Scan# 683  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

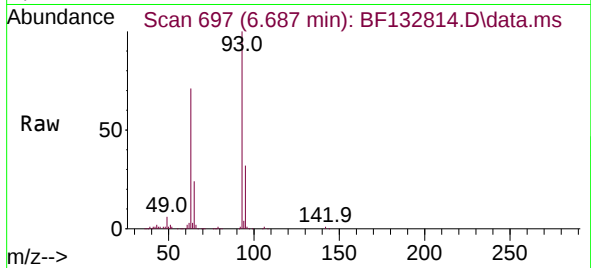
Tgt Ion: 94 Resp: 208039  
Ion Ratio Lower Upper  
94 100  
65 24.8 7.7 47.7  
66 31.8 16.5 56.5





#11  
bis(2-Chloroethyl)ether  
Concen: 10.024 ng  
RT: 6.687 min Scan# 699  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

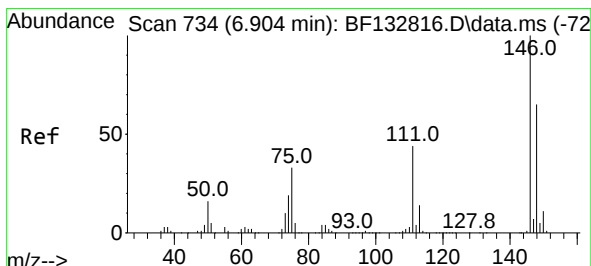
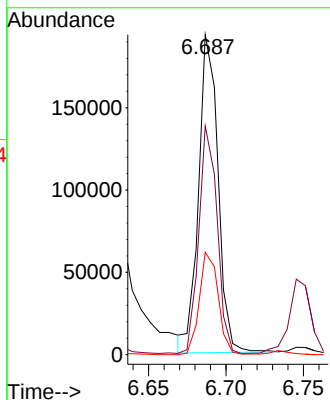
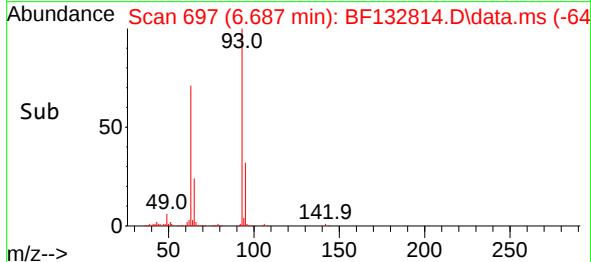
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



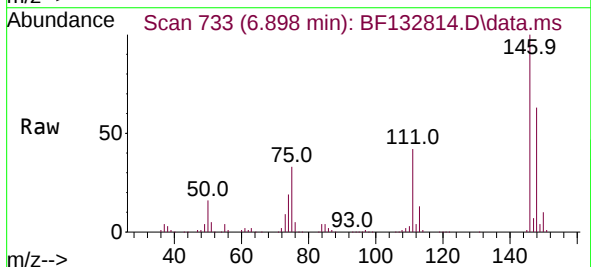
Tgt Ion: 93 Resp: 168596  
Ion Ratio Lower Upper  
93 100  
63 71.5 50.5 90.5  
95 32.0 11.8 51.8

Manual Integrations  
APPROVED

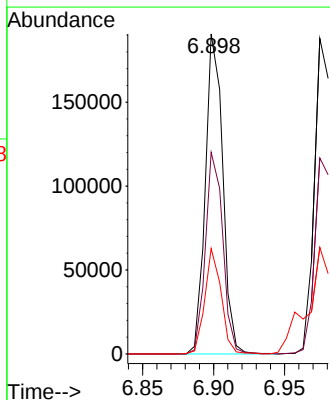
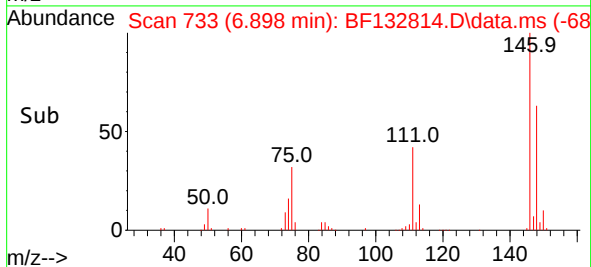
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

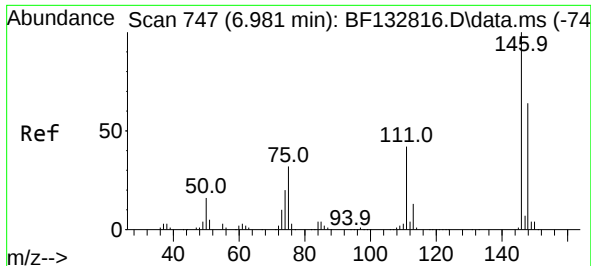


#12  
1,3-Dichlorobenzene  
Concen: 11.355 ng  
RT: 6.898 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:146 Resp: 161961  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.8 77.8  
75 32.9 26.4 39.6





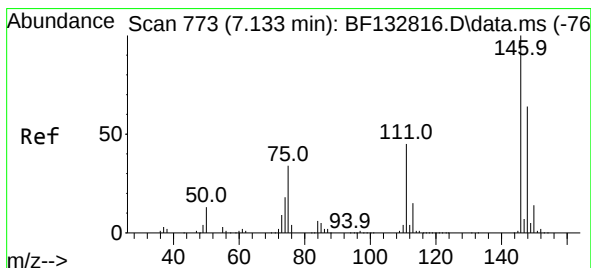
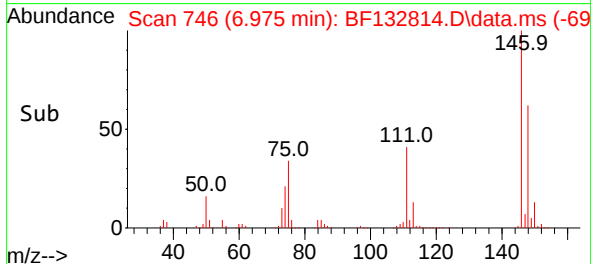
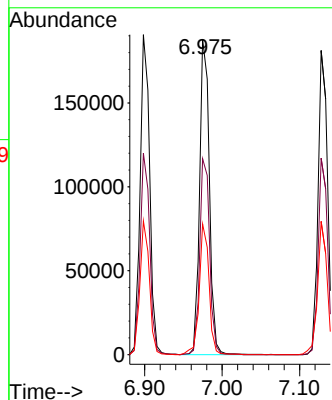
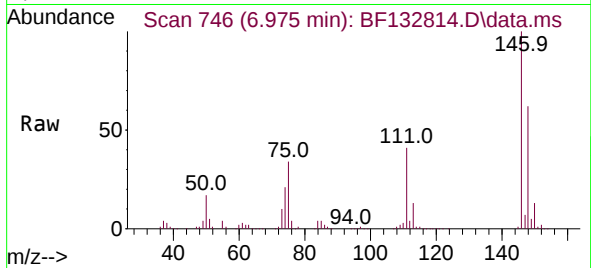
#13  
1,4-Dichlorobenzene  
Concen: 11.539 ng  
RT: 6.975 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion:146 Resp: 164275  
Ion Ratio Lower Upper  
146 100  
148 62.1 51.2 76.8  
111 41.4 33.8 50.6

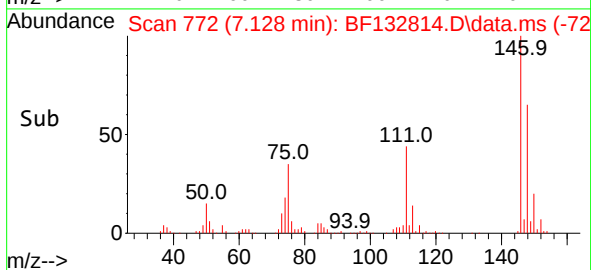
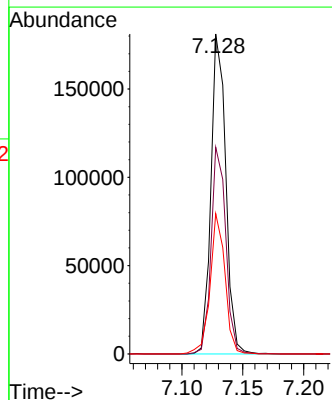
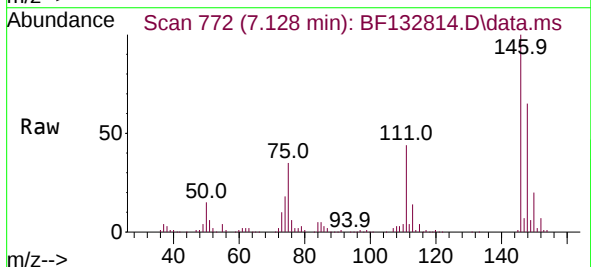
Manual Integrations  
APPROVED

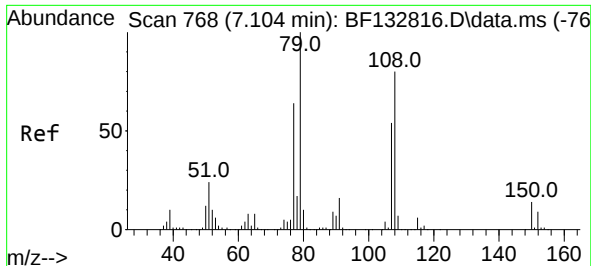
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#14  
1,2-Dichlorobenzene  
Concen: 11.849 ng  
RT: 7.128 min Scan# 772  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

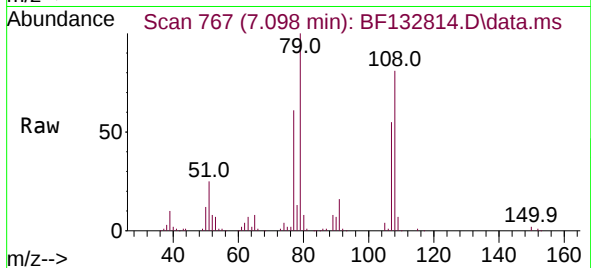
Tgt Ion:146 Resp: 153919  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.9 76.3  
111 43.8 35.8 53.8





#15  
Benzyl Alcohol  
Concen: 9.688 ng  
RT: 7.098 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

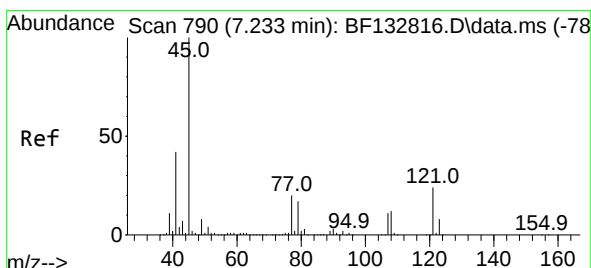
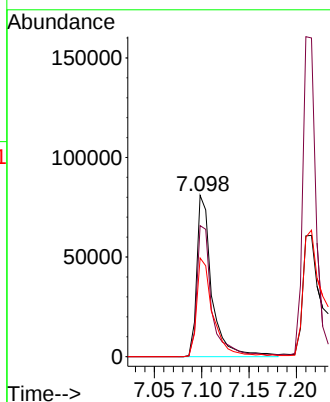
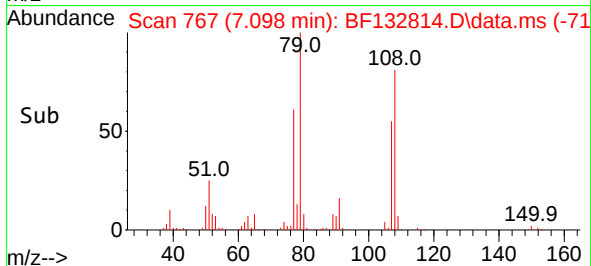
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion: 79 Resp: 89700  
Ion Ratio Lower Upper  
79 100  
108 81.2 64.2 96.2  
77 61.2 51.4 77.2

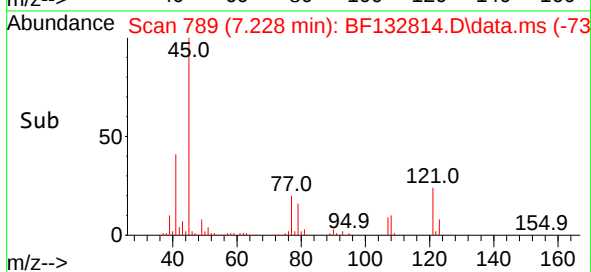
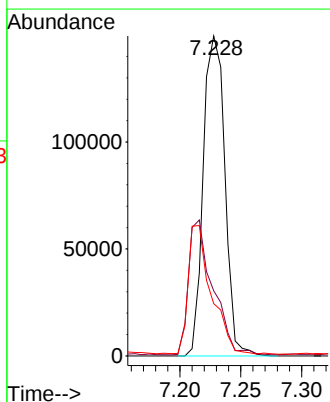
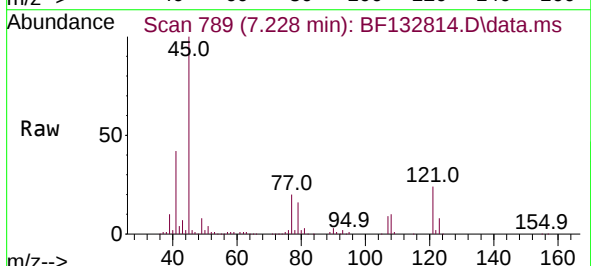
Manual Integrations  
APPROVED

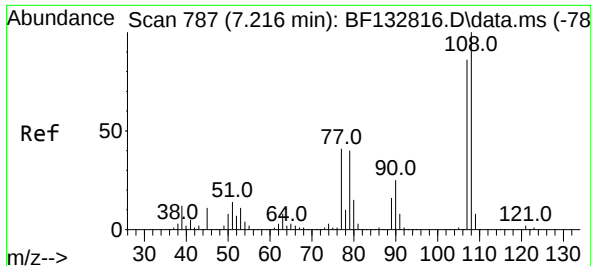
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 11.297 ng  
RT: 7.228 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

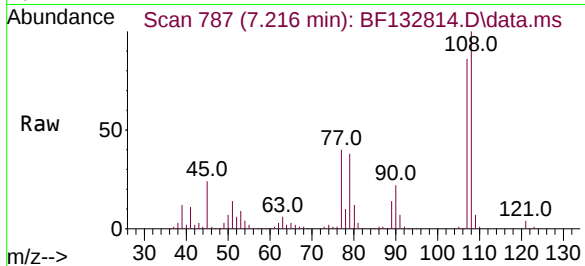
Tgt Ion: 45 Resp: 184864  
Ion Ratio Lower Upper  
45 100  
77 20.3 0.7 40.7  
79 16.3 0.0 37.2





#17  
2-Methylphenol  
Concen: 11.078 ng  
RT: 7.216 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

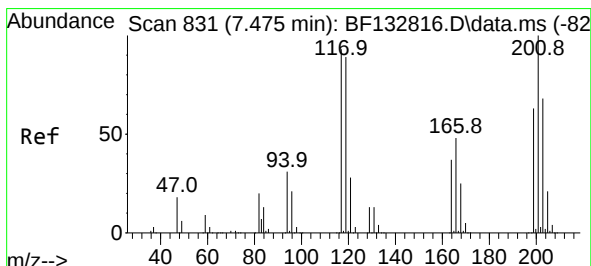
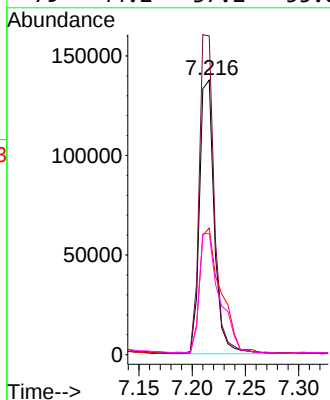
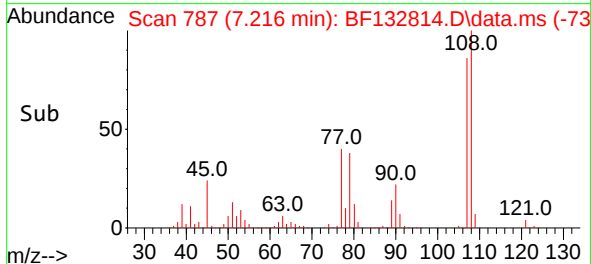
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC010



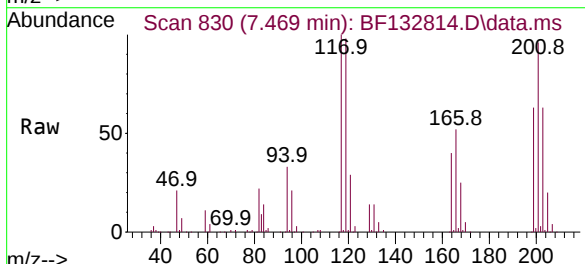
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 132496 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 116.1 | 92.6  | 139.0  |
| 77        | 46.1  | 38.6  | 57.8   |
| 79        | 44.2  | 37.2  | 55.8   |

Manual Integrations  
APPROVED

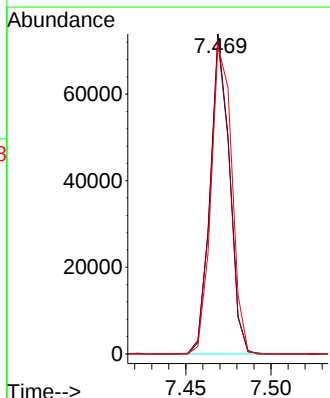
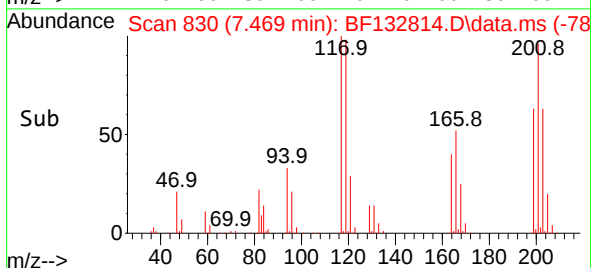
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

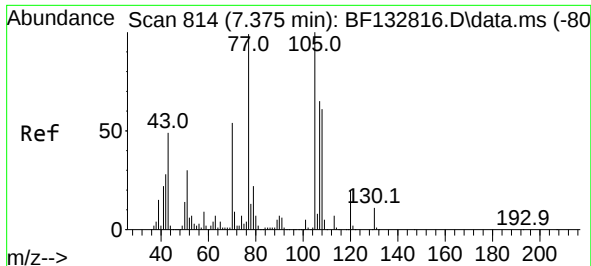


#18  
Hexachloroethane  
Concen: 10.654 ng  
RT: 7.469 min Scan# 830  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 58045 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 98.2  | 77.3  | 115.9 |
| 201       | 96.4  | 86.4  | 129.6 |





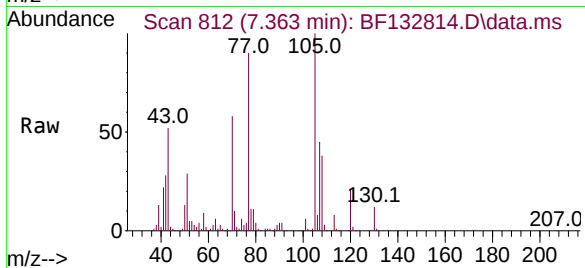
#19  
n-Nitroso-di-n-propylamine  
Concen: 11.714 ng  
RT: 7.363 min Scan# 814  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

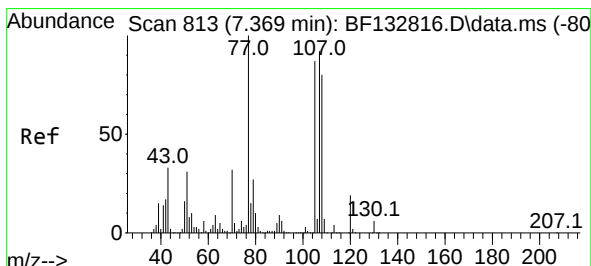
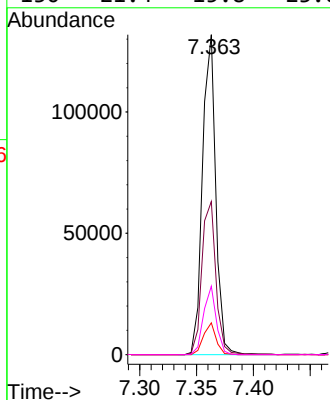
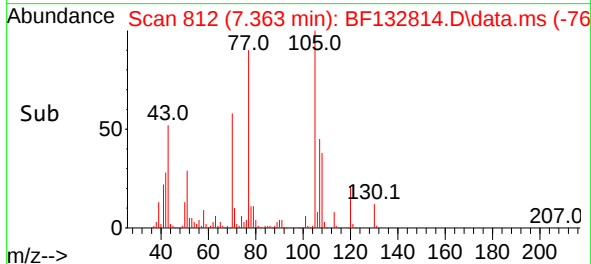


Tgt Ion: 70 Resp: 106990  
Ion Ratio Lower Upper  
70 100  
42 47.8 40.9 61.3  
101 9.9 7.8 11.6  
130 21.4 15.8 23.6

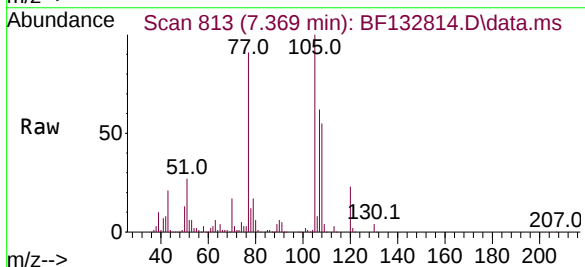
Manual Integrations

APPROVED

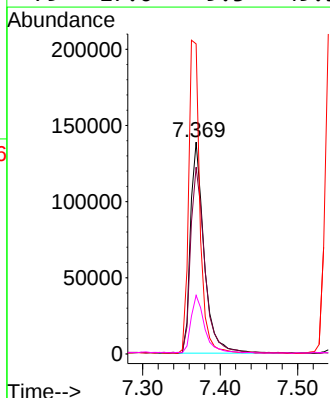
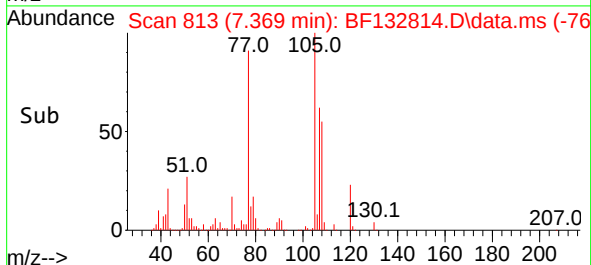
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

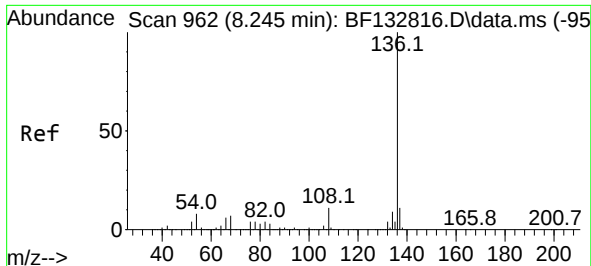


#20  
3+4-Methylphenols  
Concen: 11.785 ng  
RT: 7.369 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



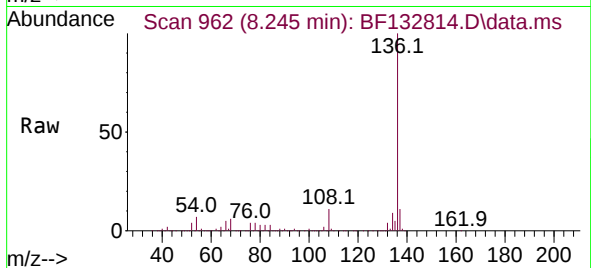
Tgt Ion:107 Resp: 169707  
Ion Ratio Lower Upper  
107 100  
108 88.1 67.6 107.6  
77 146.3 89.1 129.1#  
79 27.6 9.3 49.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.245 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

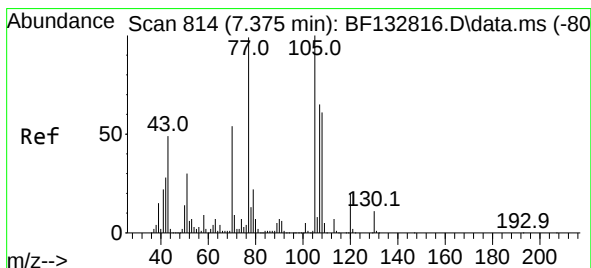
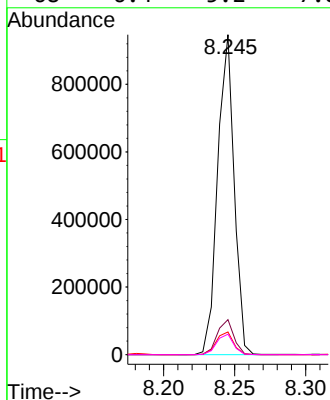
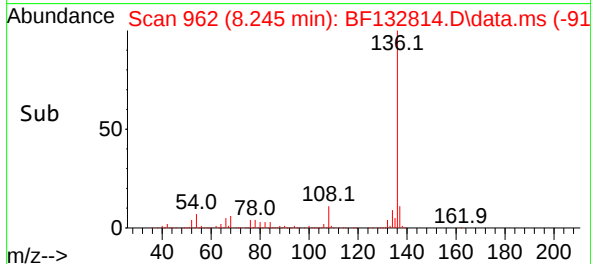
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



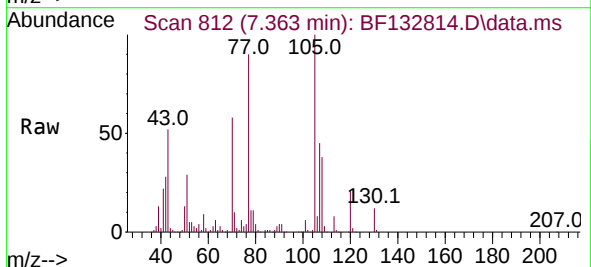
Tgt Ion:136 Resp: 768066  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.6  
54 7.1 6.1 9.1  
68 6.4 5.2 7.8

Manual Integrations  
APPROVED

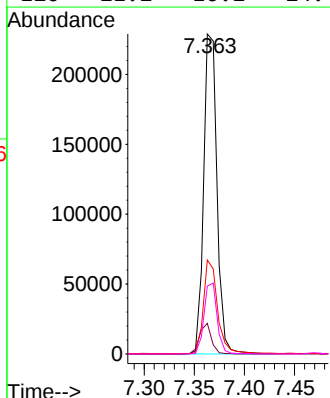
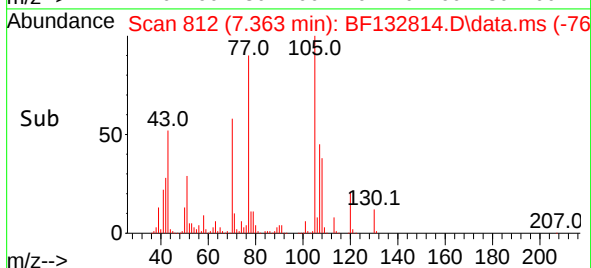
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

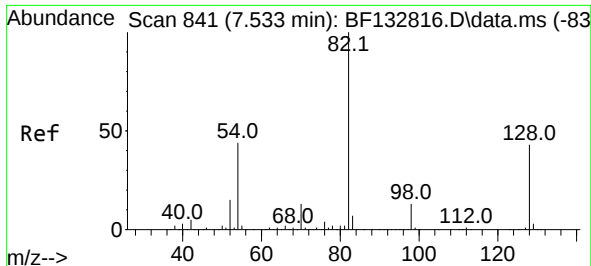


#22  
Acetophenone  
Concen: 11.515 ng  
RT: 7.363 min Scan# 812  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:105 Resp: 211169  
Ion Ratio Lower Upper  
105 100  
71 9.5 7.3 10.9  
51 29.3 23.9 35.9  
120 21.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 21.030 ng

RT: 7.522 min Scan# 841

Delta R.T. -0.012 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 31563

Ion Ratio Lower Upper

82 100

128 44.6 34.4 51.6

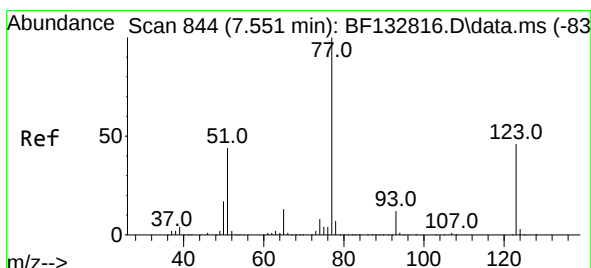
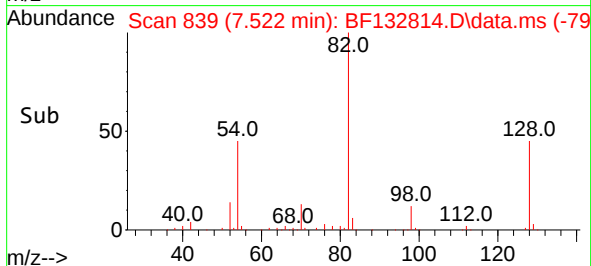
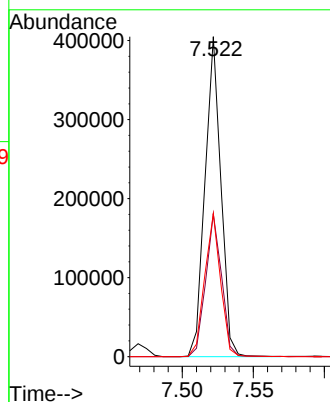
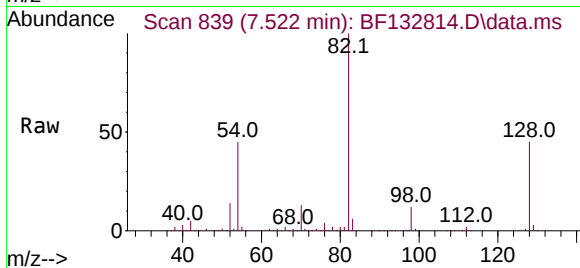
54 44.7 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#24

Nitrobenzene

Concen: 10.604 ng

RT: 7.539 min Scan# 842

Delta R.T. -0.012 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

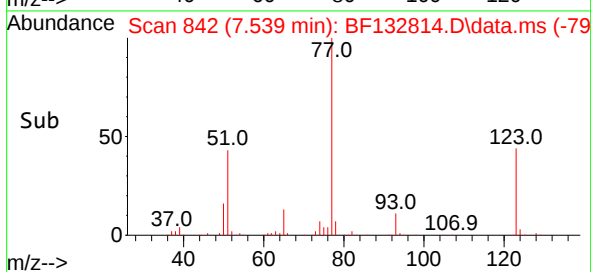
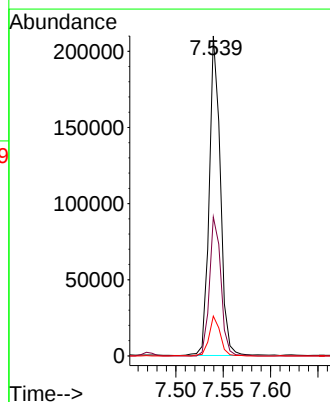
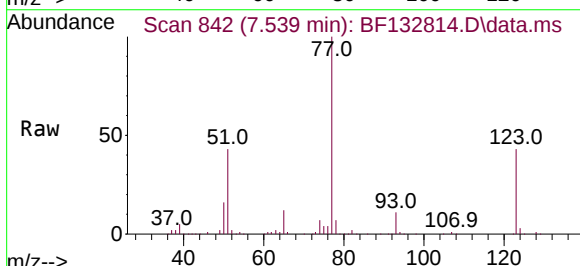
Tgt Ion: 77 Resp: 172059

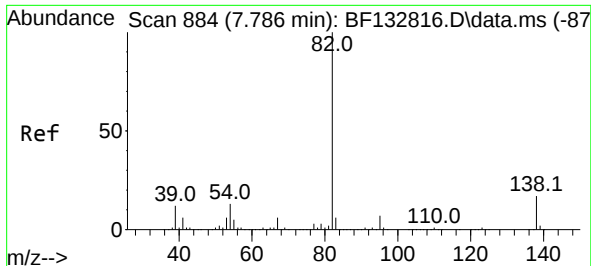
Ion Ratio Lower Upper

77 100

123 43.4 36.4 54.6

65 12.4 10.3 15.5





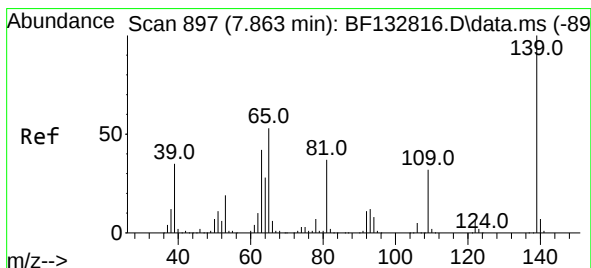
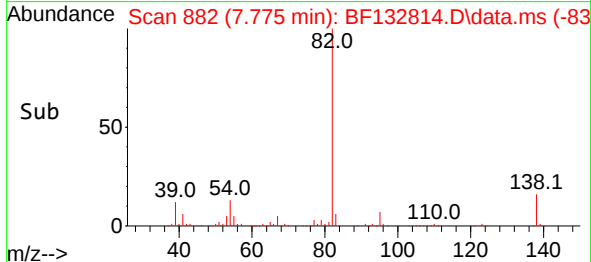
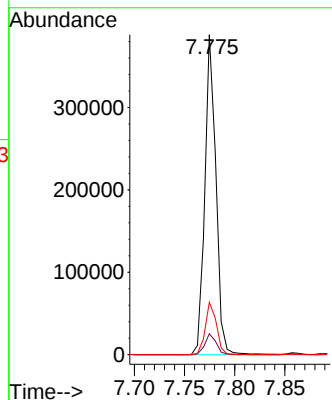
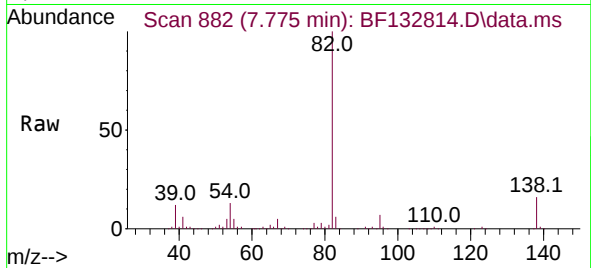
#25  
Isophorone  
Concen: 10.072 ng  
RT: 7.775 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC010

Tgt Ion: 82 Resp: 297158  
Ion Ratio Lower Upper  
82 100  
95 6.5 5.7 8.5  
138 16.4 13.7 20.5

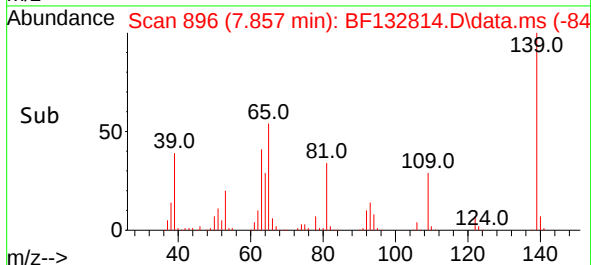
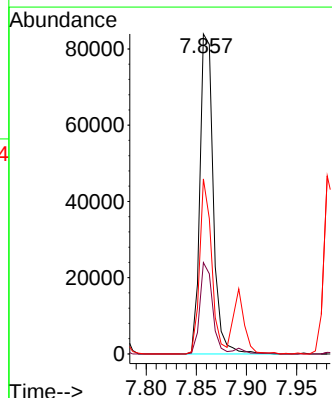
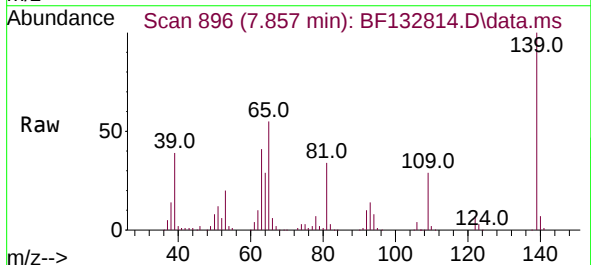
Manual Integrations  
APPROVED

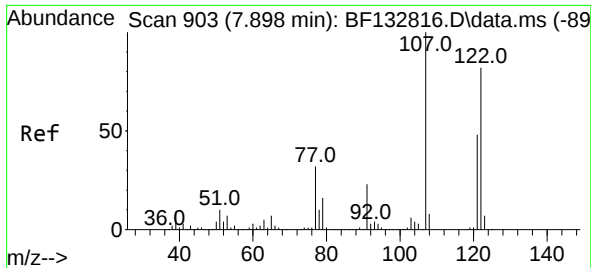
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#26  
2-Nitrophenol  
Concen: 10.238 ng  
RT: 7.857 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Tgt Ion:139 Resp: 77377  
Ion Ratio Lower Upper  
139 100  
109 28.5 25.8 38.8  
65 54.7 42.7 64.1





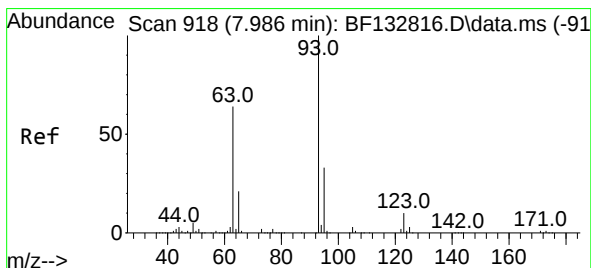
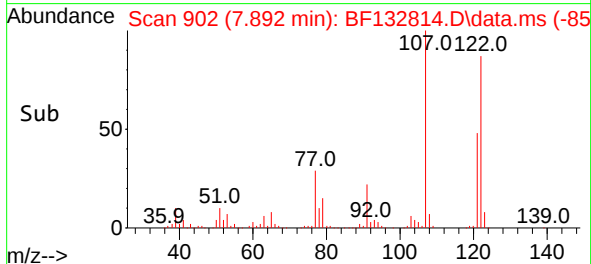
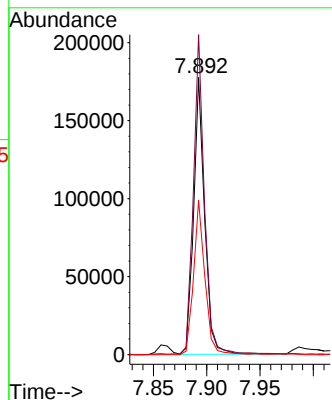
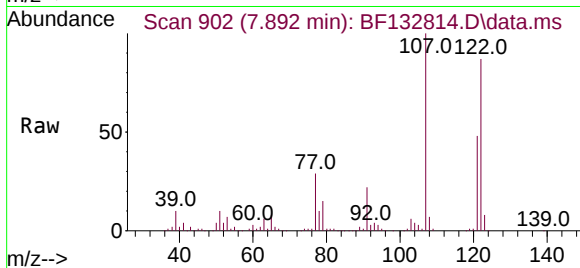
#27  
2,4-Dimethylphenol  
Concen: 10.946 ng  
RT: 7.892 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:122 Resp: 128174  
Ion Ratio Lower Upper  
122 100  
107 115.5 97.0 145.4  
121 55.7 46.4 69.6

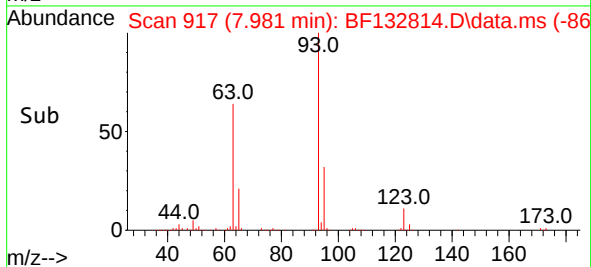
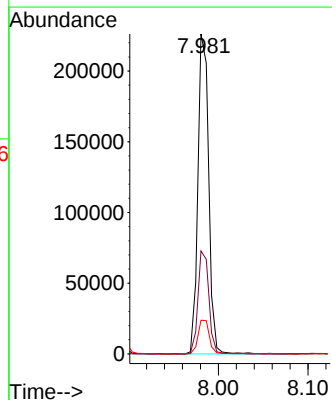
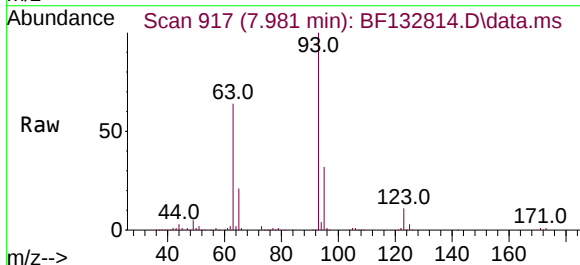
Manual Integrations  
APPROVED

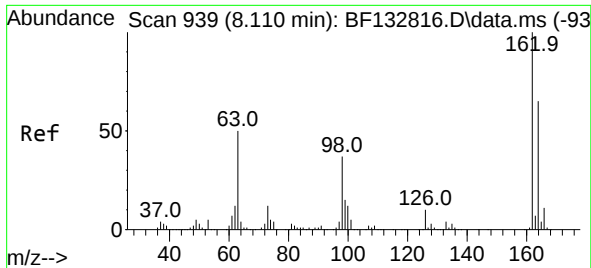
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.661 ng  
RT: 7.981 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Tgt Ion: 93 Resp: 188929  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.4 39.6  
123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 10.469 ng

RT: 8.110 min Scan# 939

Delta R.T. 0.000 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

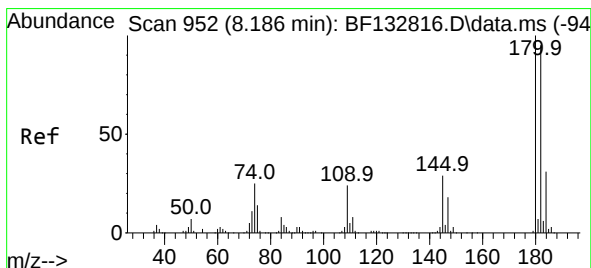
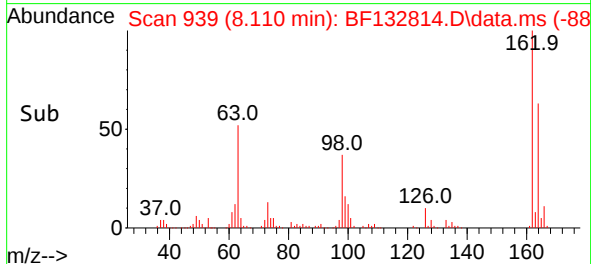
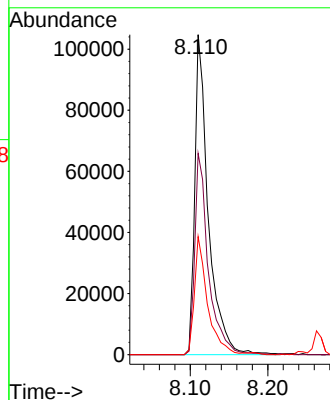
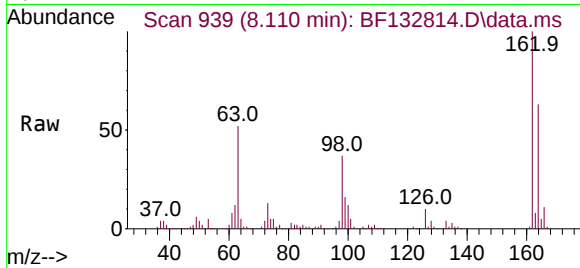
SSTDICC010

Tgt Ion:162 Resp: 126923  
 Ion Ratio Lower Upper  
 162 100  
 164 62.9 44.7 84.7  
 98 36.9 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023  
 Supervised By :Jagrut Upadhyay 03/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 10.800 ng

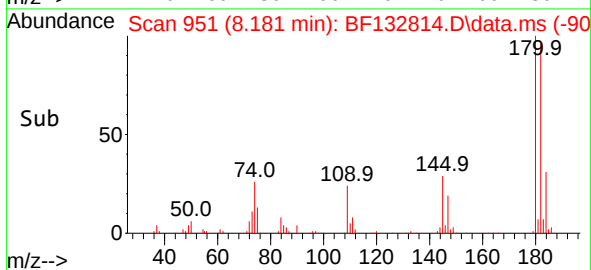
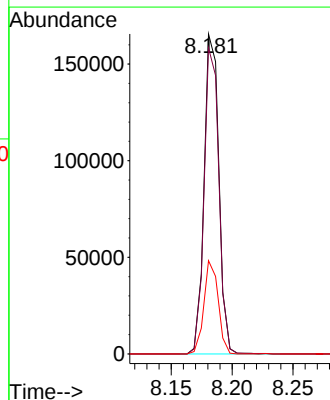
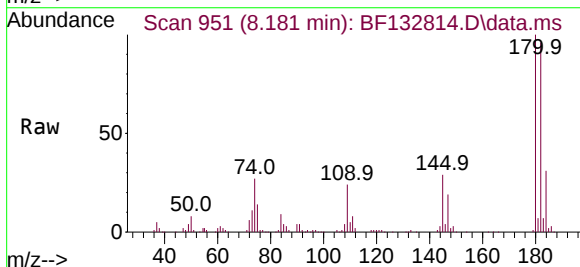
RT: 8.181 min Scan# 951

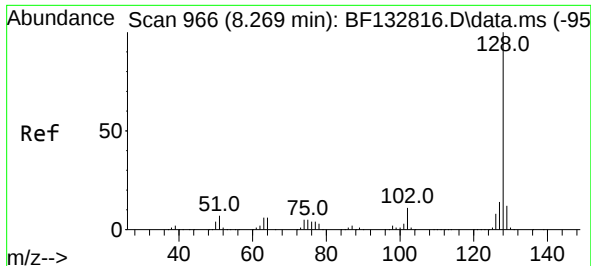
Delta R.T. -0.006 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

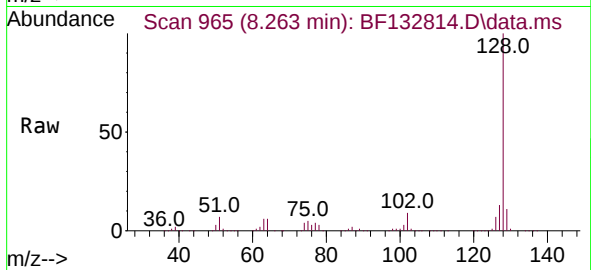
Tgt Ion:180 Resp: 140046  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 75.9 113.9  
 145 29.1 23.0 34.4





#31  
Naphthalene  
Concen: 11.423 ng  
RT: 8.263 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

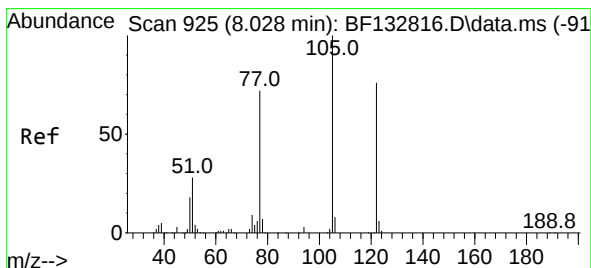
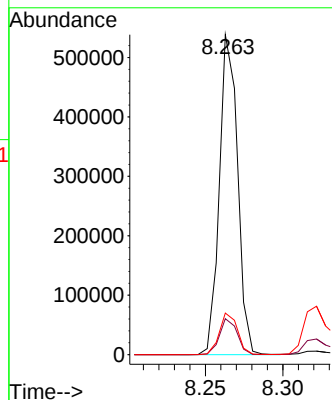
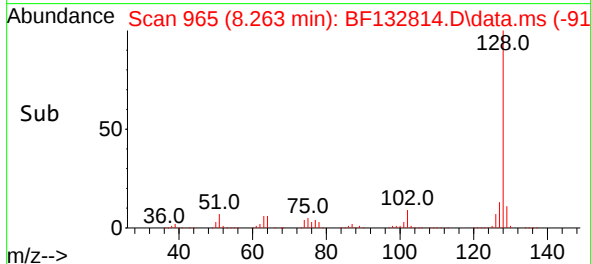
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:128 Resp: 440152  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.4 14.2  
127 13.0 11.1 16.7

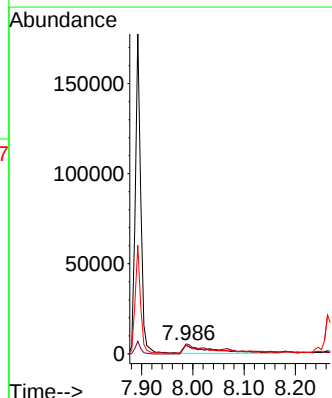
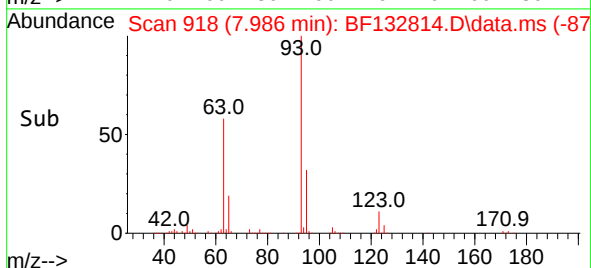
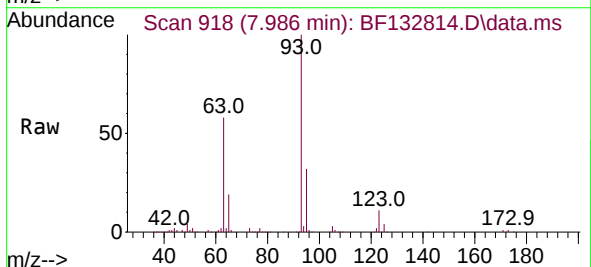
Manual Integrations  
APPROVED

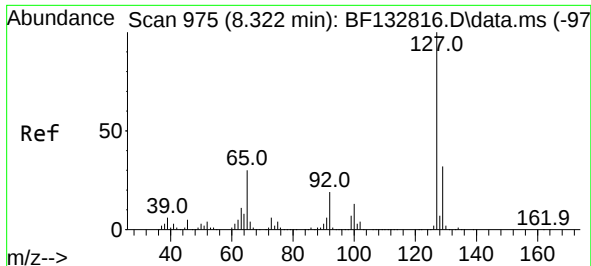
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#32  
Benzoic acid  
Concen: 12.306 ng m  
RT: 7.986 min Scan# 918  
Delta R.T. -0.042 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Tgt Ion:122 Resp: 17607  
Ion Ratio Lower Upper  
122 100  
105 114.1 110.8 150.8  
77 97.7 74.2 114.2





#33  
4-Chloroaniline  
Concen: 9.436 ng  
RT: 8.322 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

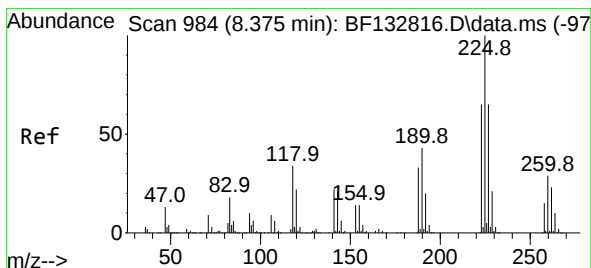
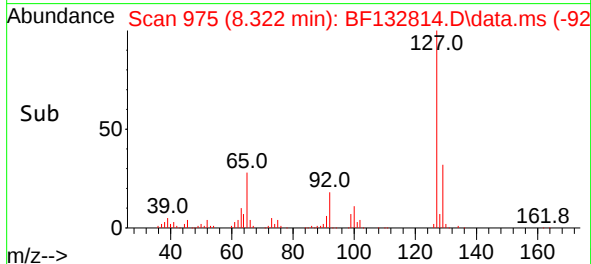
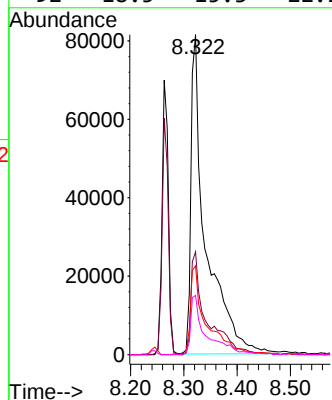
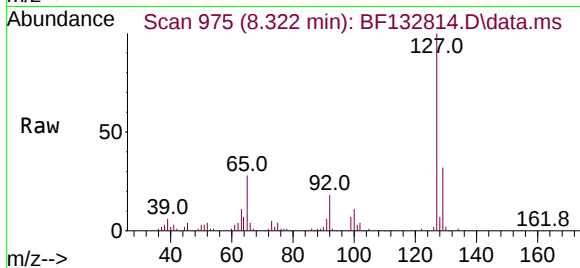
SSTDICC010

Tgt Ion:127 Resp: 15812  
Ion Ratio Lower Upper  
127 100  
129 32.1 25.8 38.6  
65 27.7 24.1 36.1  
92 18.5 15.3 22.9

Manual Integrations

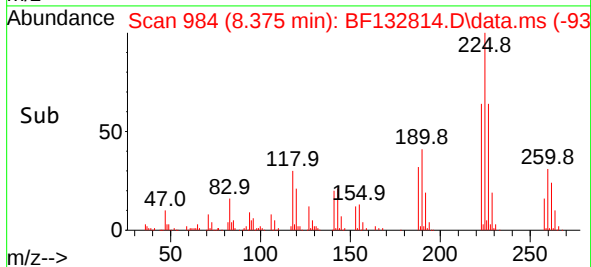
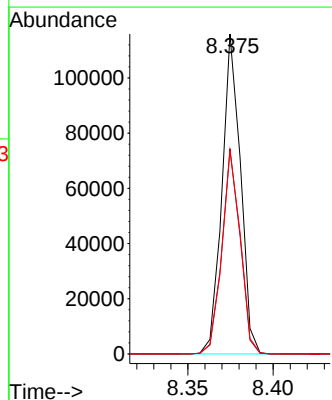
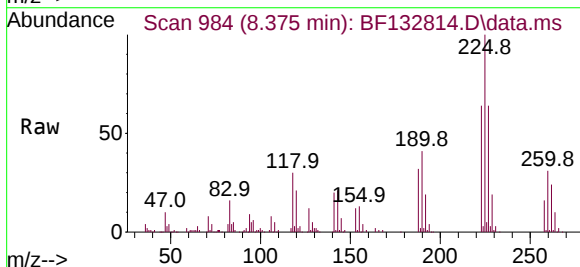
APPROVED

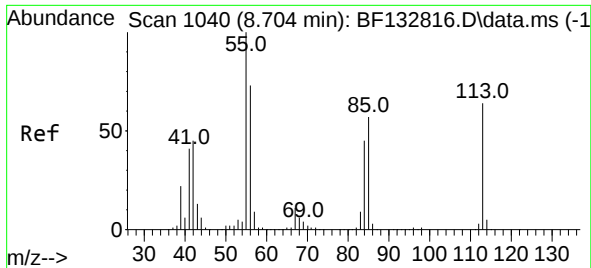
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#34  
Hexachlorobutadiene  
Concen: 10.586 ng  
RT: 8.375 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

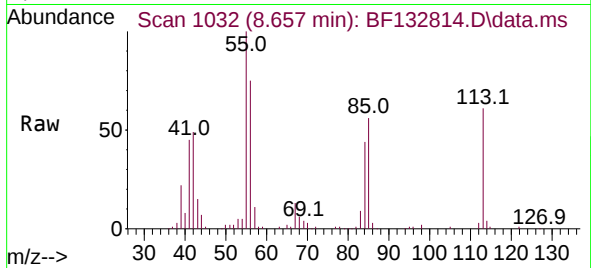
Tgt Ion:225 Resp: 87095  
Ion Ratio Lower Upper  
225 100  
223 64.1 51.8 77.6  
227 63.6 52.2 78.2





#35  
 Caprolactam  
 Concen: 9.794 ng  
 RT: 8.657 min Scan# 1032  
 Delta R.T. -0.047 min  
 Lab File: BF132814.D  
 Acq: 16 Mar 2023 15:43

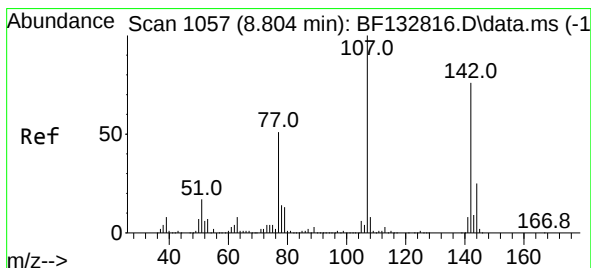
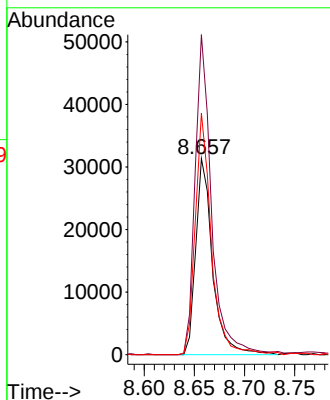
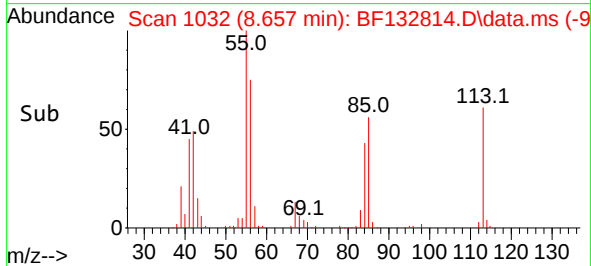
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010



Tgt Ion:113 Resp: 36403  
 Ion Ratio Lower Upper  
 113 100  
 55 163.2 136.3 176.3  
 56 123.1 94.7 134.7

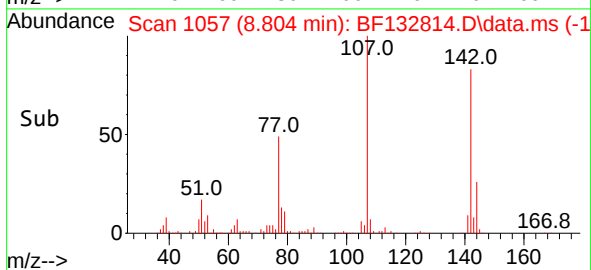
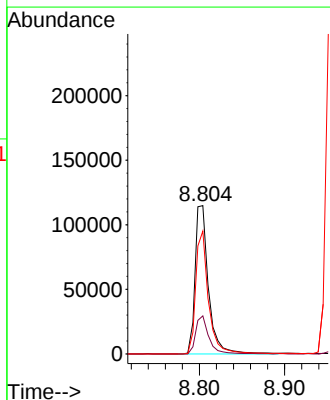
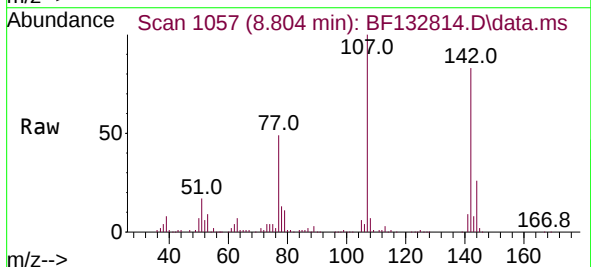
Manual Integrations  
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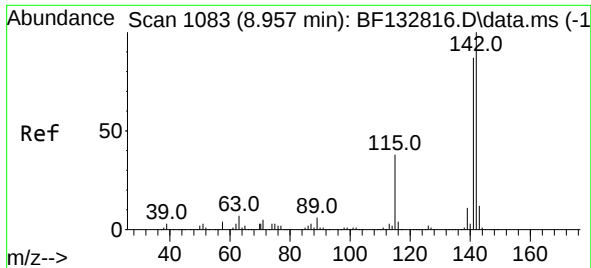
Reviewed By :Christian Giraldo 03/17/2023  
 Supervised By :Jagrut Upadhyay 03/17/2023



#36  
 4-Chloro-3-methylphenol  
 Concen: 10.206 ng  
 RT: 8.804 min Scan# 1057  
 Delta R.T. 0.000 min  
 Lab File: BF132814.D  
 Acq: 16 Mar 2023 15:43

Tgt Ion:107 Resp: 125841  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 20.0 30.0  
 142 82.9 61.1 91.7





#37

2-Methylnaphthalene

Concen: 11.392 ng

RT: 8.957 min Scan# 1083

Delta R.T. 0.000 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:142 Resp: 294364

Ion Ratio Lower Upper

142 100

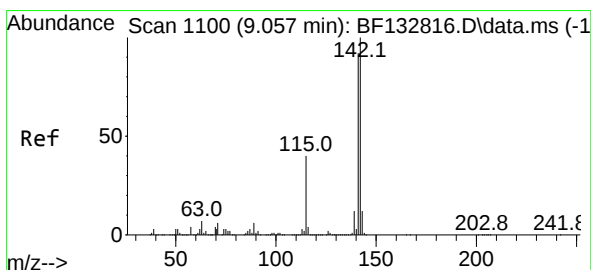
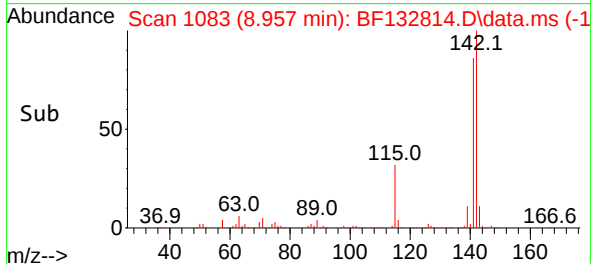
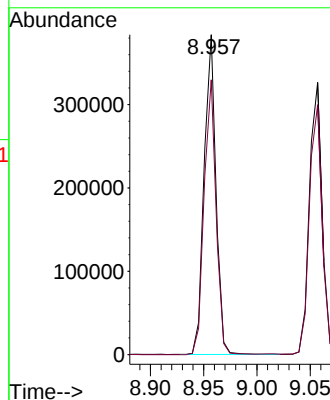
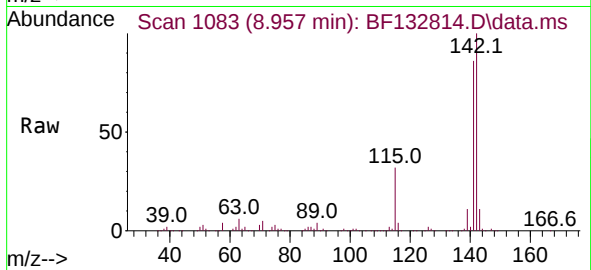
141 85.9 69.3 103.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#38

1-Methylnaphthalene

Concen: 11.127 ng

RT: 9.057 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132814.D

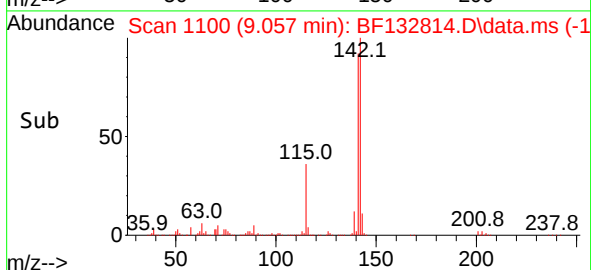
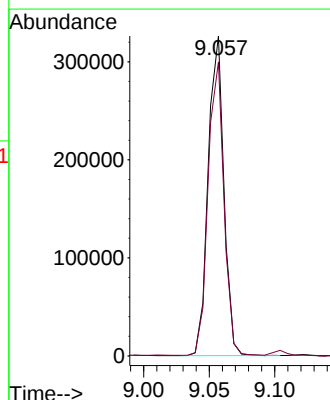
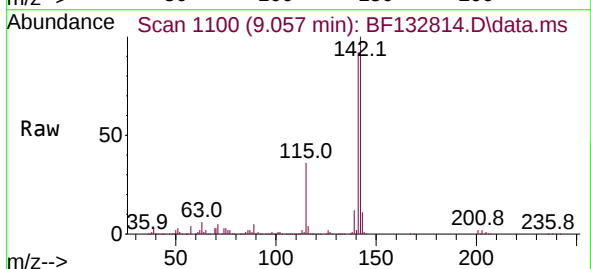
Acq: 16 Mar 2023 15:43

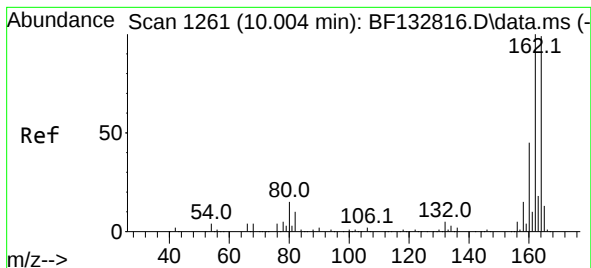
Tgt Ion:142 Resp: 270705

Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9





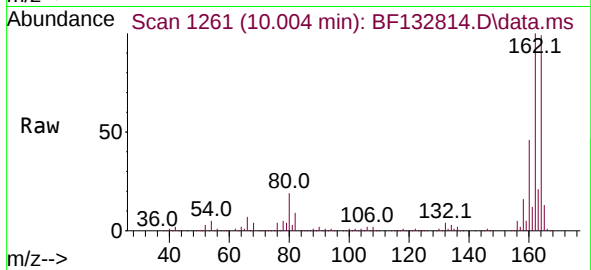
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.004 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

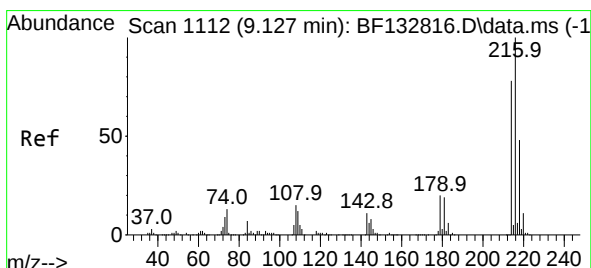
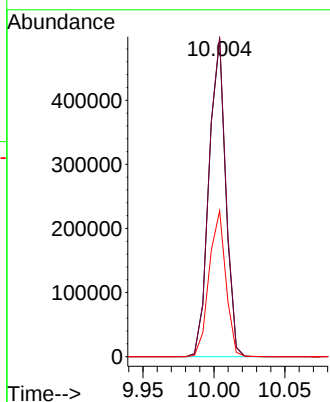
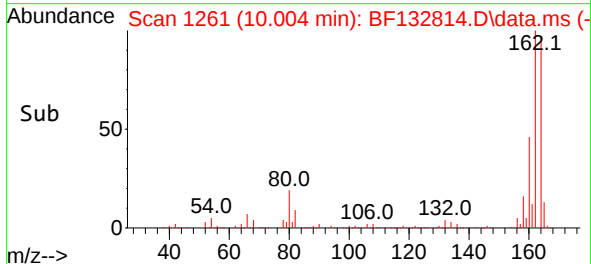


Tgt Ion:164 Resp: 403799  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.6 121.0  
160 45.9 36.2 54.4

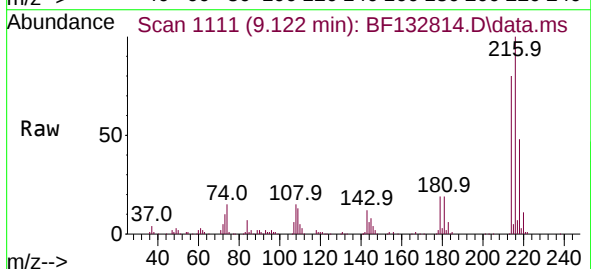
Manual Integrations

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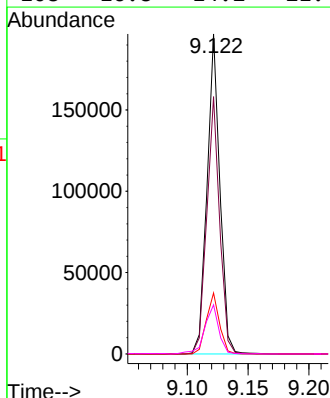
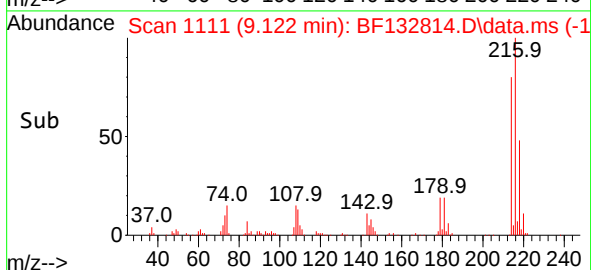
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

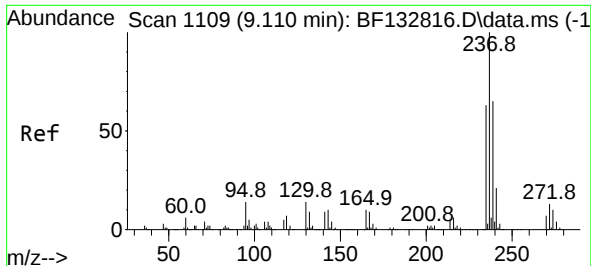


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.904 ng  
RT: 9.122 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



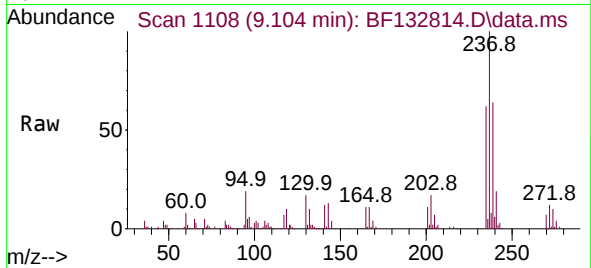
Tgt Ion:216 Resp: 144446  
Ion Ratio Lower Upper  
216 100  
214 80.4 64.3 96.5  
179 19.2 16.2 24.4  
108 16.8 14.2 21.4





#41  
Hexachlorocyclopentadiene  
Concen: 9.485 ng  
RT: 9.104 min Scan# 1108  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

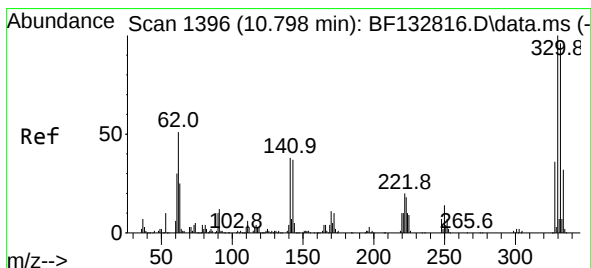
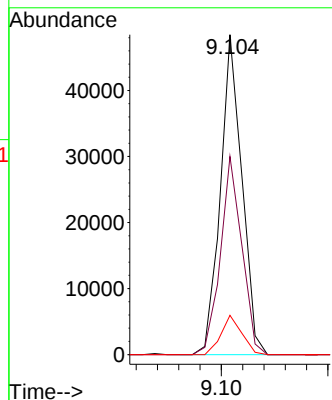
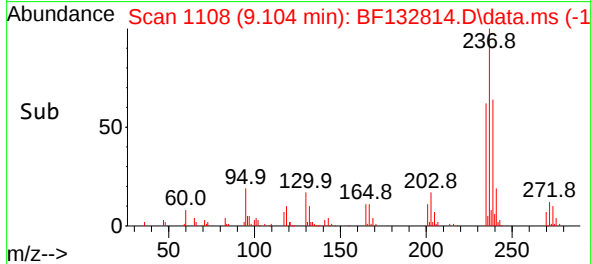
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



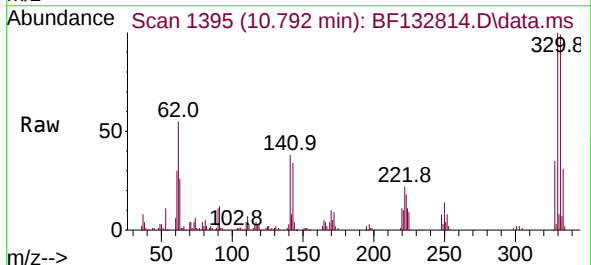
Tgt Ion: 237 Resp: 33946  
Ion Ratio Lower Upper  
237 100  
235 61.9 43.3 83.3  
272 12.3 0.0 32.9

Manual Integrations  
APPROVED

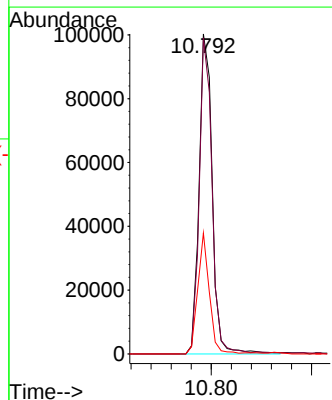
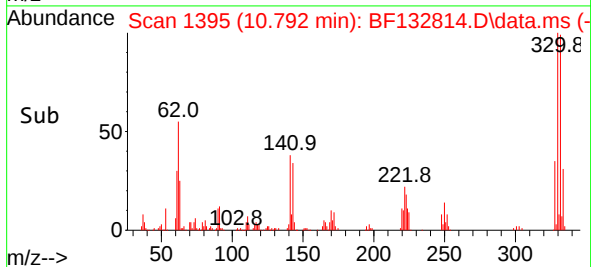
Reviewed By : Christian Giraldo 03/17/2023  
Supervised By : Jagrut Upadhyay 03/17/2023

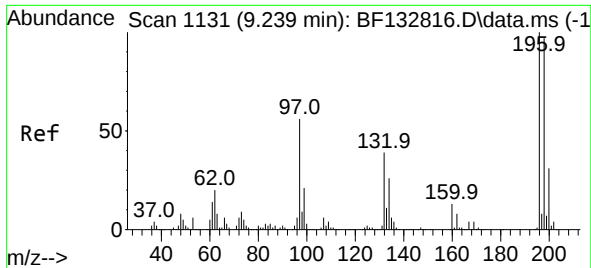


#42  
2,4,6-Tribromophenol  
Concen: 21.177 ng  
RT: 10.792 min Scan# 1395  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion: 330 Resp: 90905  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.0 115.6  
141 33.3 26.7 40.1





#43  
2,4,6-Trichlorophenol  
Concen: 10.449 ng  
RT: 9.239 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

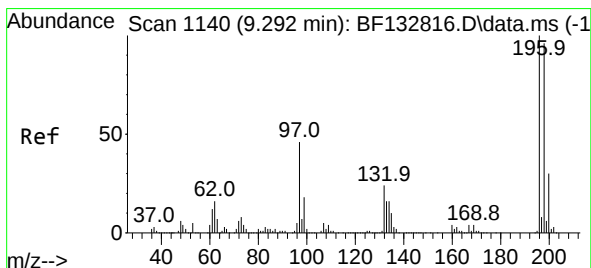
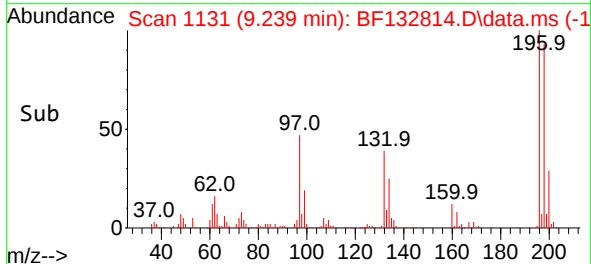
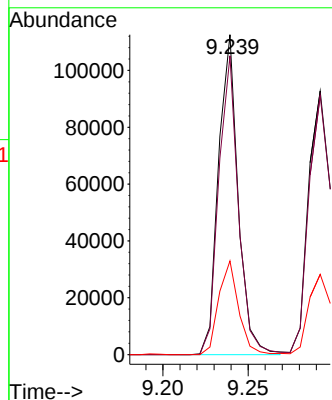
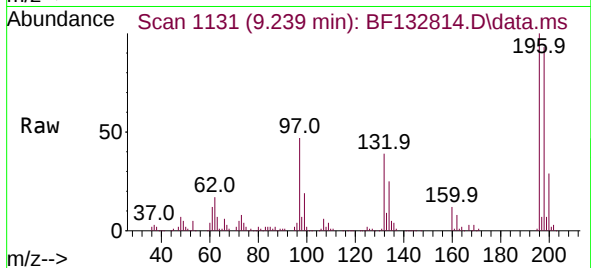
SSTDICC010

Tgt Ion:196 Resp: 90127  
Ion Ratio Lower Upper  
196 100  
198 93.4 77.3 115.9  
200 29.3 25.0 37.6

Manual Integrations

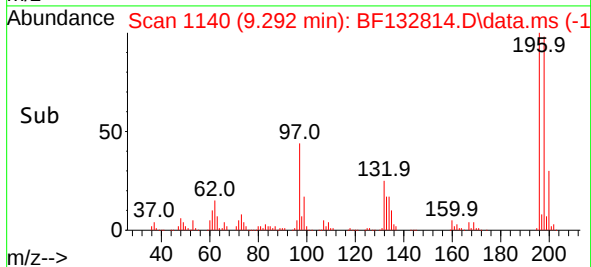
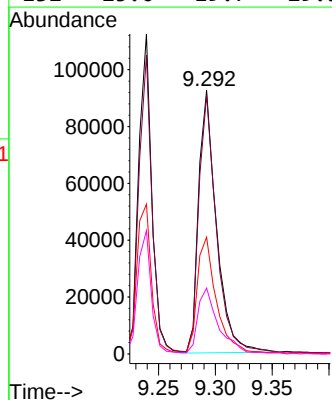
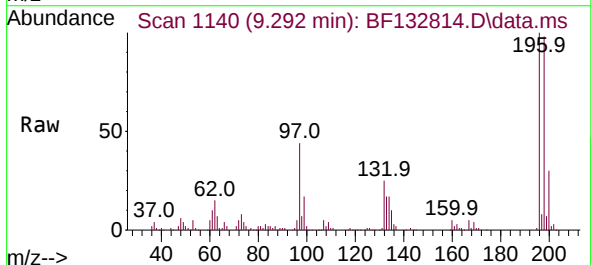
APPROVED

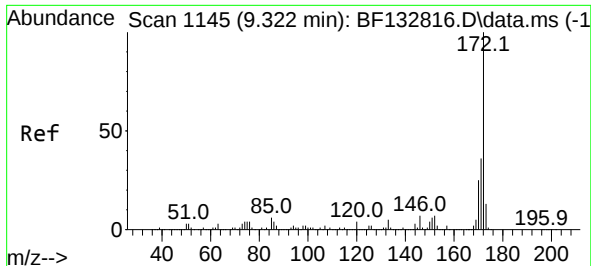
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#44  
2,4,5-Trichlorophenol  
Concen: 10.078 ng  
RT: 9.292 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

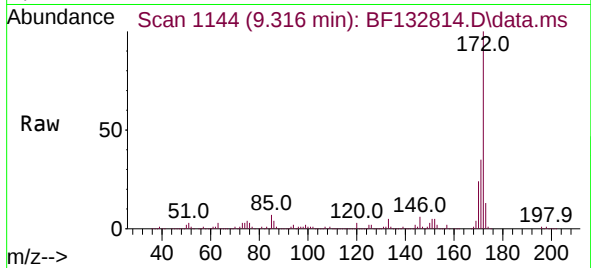
Tgt Ion:196 Resp: 101207  
Ion Ratio Lower Upper  
196 100  
198 98.3 76.8 115.2  
97 44.3 36.9 55.3  
132 25.0 19.7 29.5





#45  
2-Fluorobiphenyl  
Concen: 24.219 ng  
RT: 9.316 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

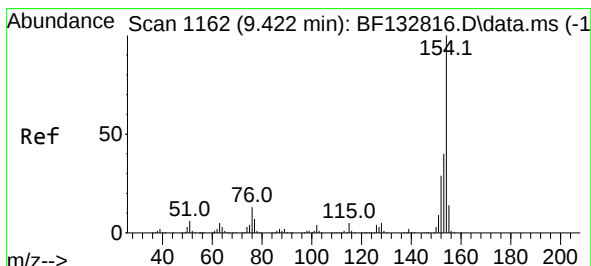
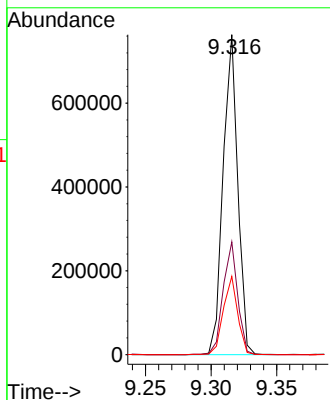
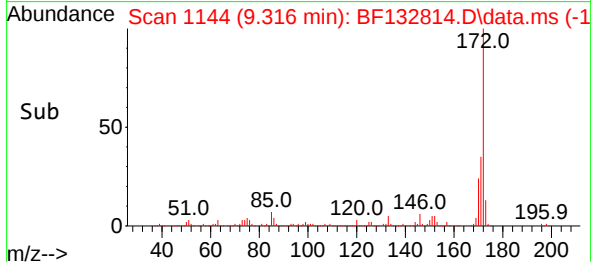
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:172 Resp: 595338  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.7 43.1  
170 24.4 19.8 29.8

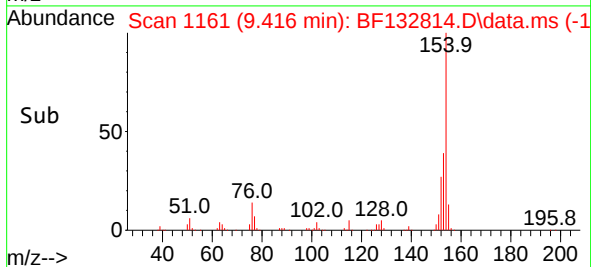
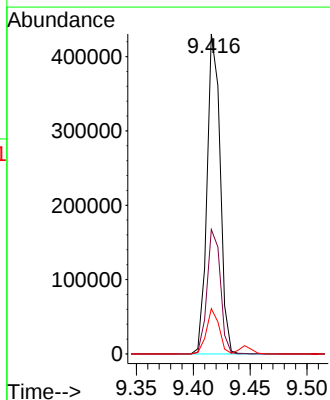
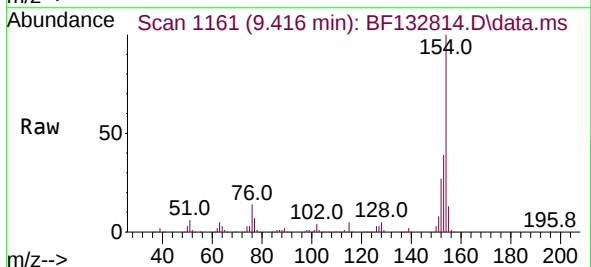
Manual Integrations  
APPROVED

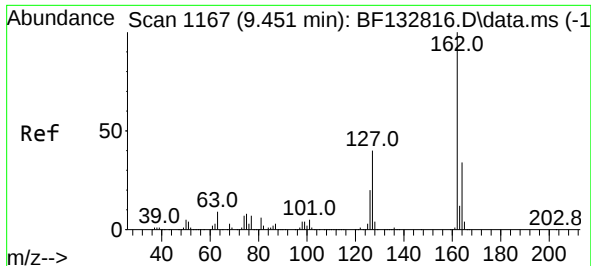
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#46  
1,1'-Biphenyl  
Concen: 11.601 ng  
RT: 9.416 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Tgt Ion:154 Resp: 347526  
Ion Ratio Lower Upper  
154 100  
153 38.9 19.6 59.6  
76 14.1 0.0 33.5





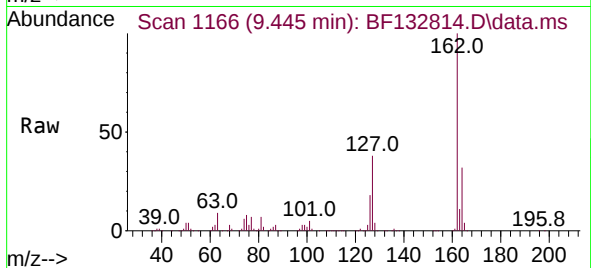
#47  
2-Chloronaphthalene  
Concen: 11.321 ng  
RT: 9.445 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

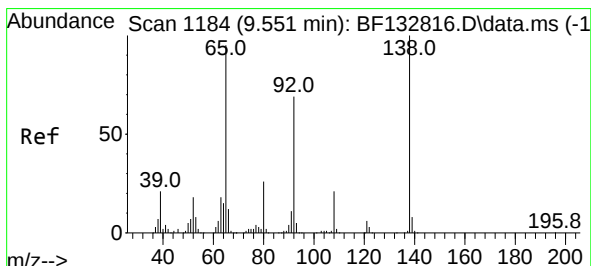
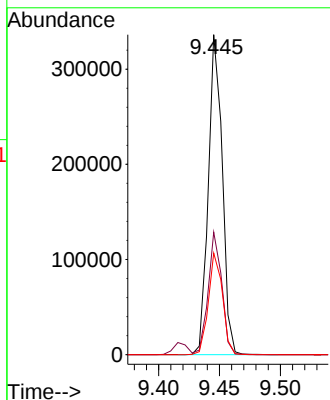
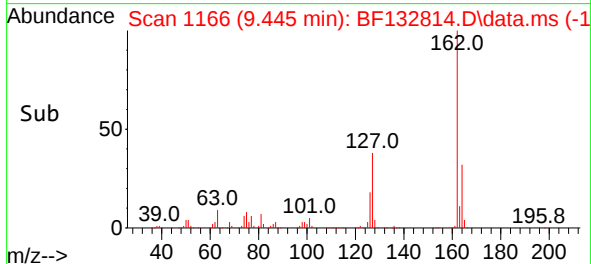


Tgt Ion:162 Resp: 268539  
Ion Ratio Lower Upper  
162 100  
127 38.3 32.3 48.5  
164 31.7 27.2 40.8

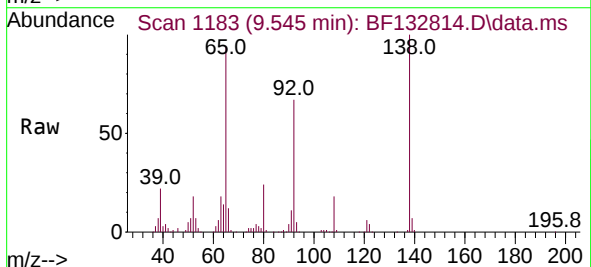
Manual Integrations

APPROVED

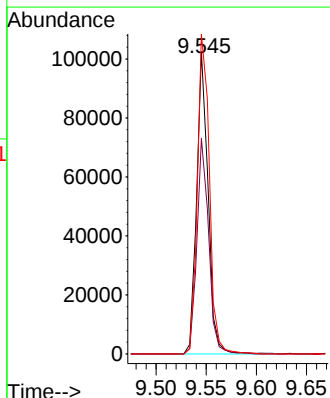
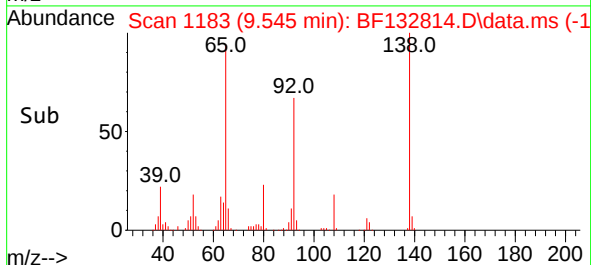
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

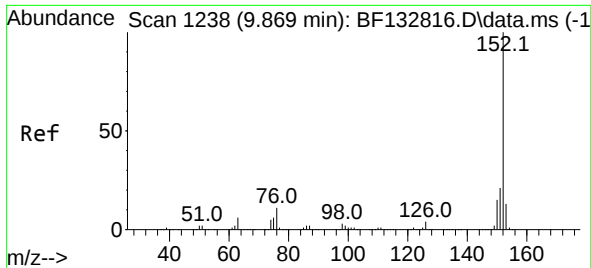


#48  
2-Nitroaniline  
Concen: 10.417 ng  
RT: 9.545 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



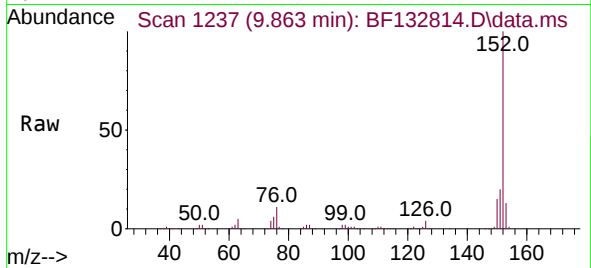
Tgt Ion: 65 Resp: 81147  
Ion Ratio Lower Upper  
65 100  
92 71.3 58.6 88.0  
138 106.0 84.4 126.6





#49  
Acenaphthylene  
Concen: 11.608 ng  
RT: 9.863 min Scan# 1238  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

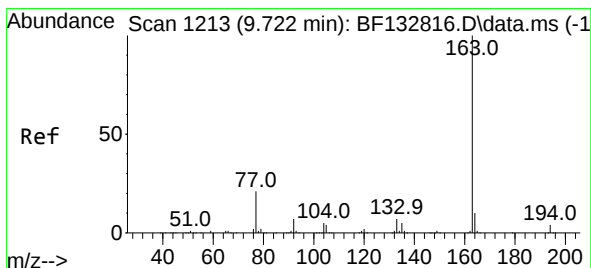
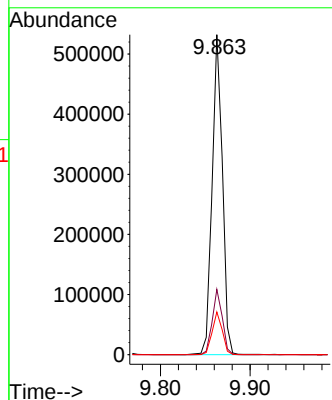
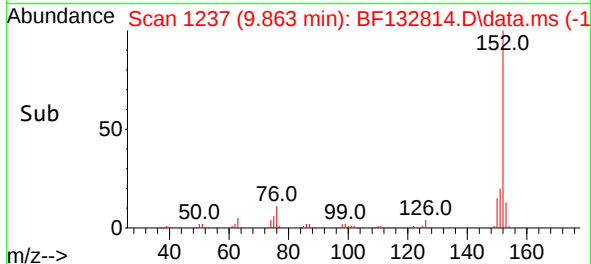
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



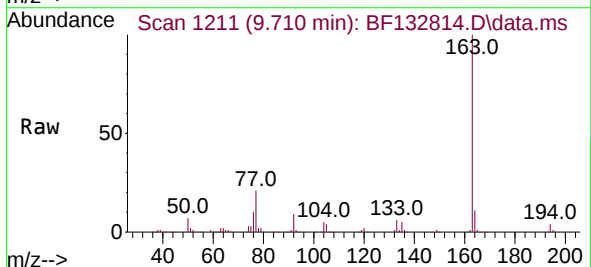
Tgt Ion:152 Resp: 423123  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.6 25.0  
153 13.3 10.8 16.2

Manual Integrations  
APPROVED

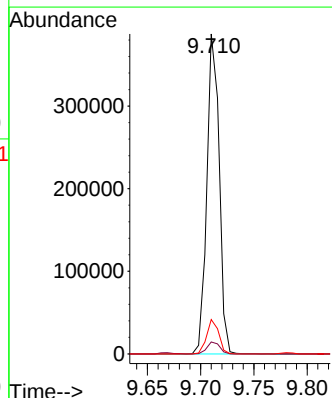
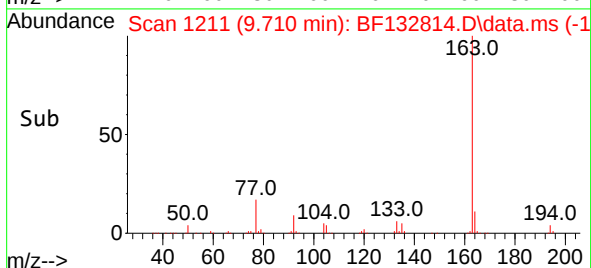
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

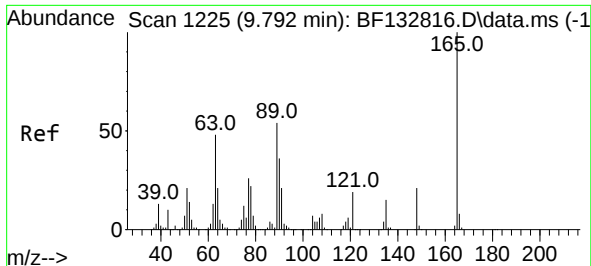


#50  
Dimethylphthalate  
Concen: 10.746 ng  
RT: 9.710 min Scan# 1211  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:163 Resp: 311121  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.3 4.9  
164 10.7 8.3 12.5





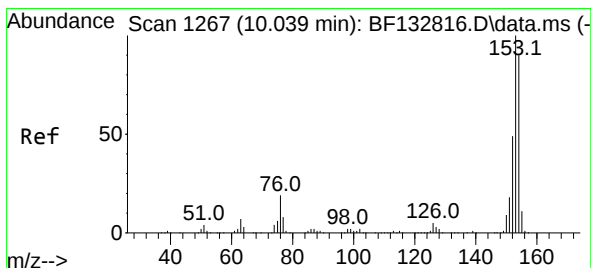
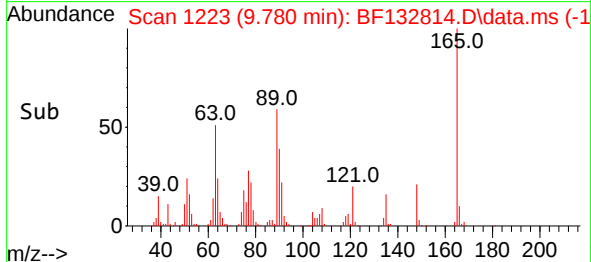
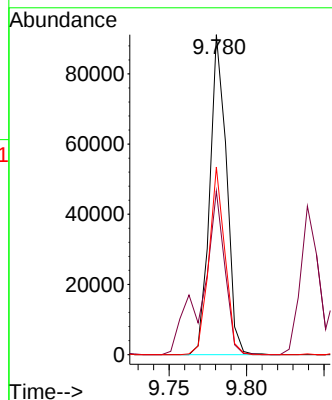
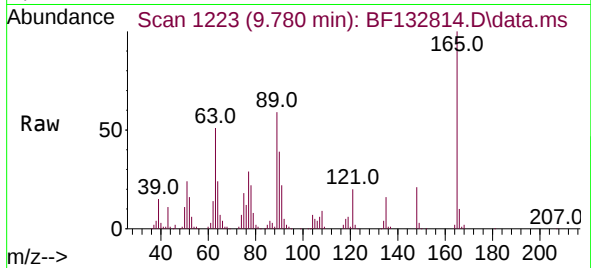
#51  
2,6-Dinitrotoluene  
Concen: 10.684 ng  
RT: 9.780 min Scan# 1225  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:165 Resp: 68396  
Ion Ratio Lower Upper  
165 100  
63 51.1 39.1 58.7  
89 58.6 43.5 65.3

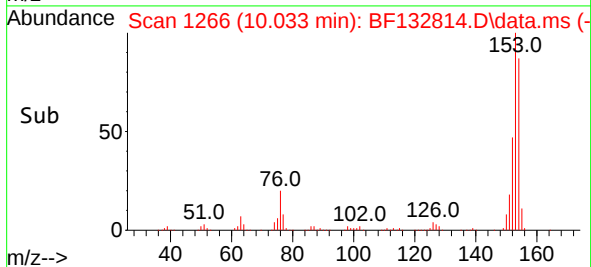
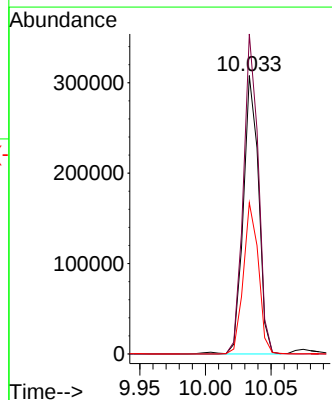
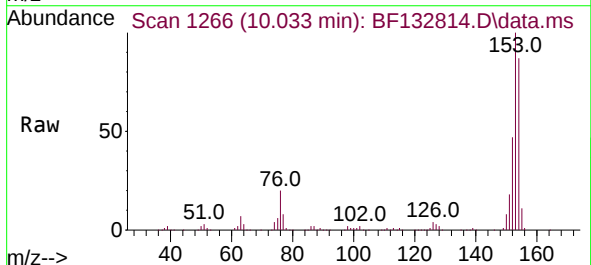
Manual Integrations  
APPROVED

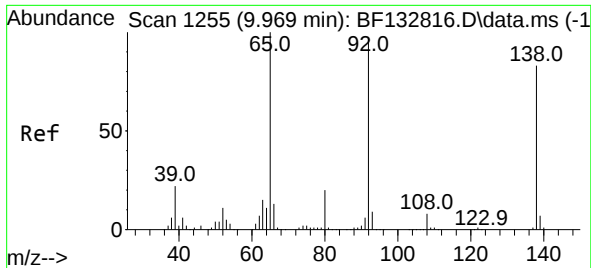
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#52  
Acenaphthene  
Concen: 11.330 ng  
RT: 10.033 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Tgt Ion:154 Resp: 248603  
Ion Ratio Lower Upper  
154 100  
153 114.9 89.4 134.0  
152 54.3 43.4 65.2





#53  
3-Nitroaniline  
Concen: 10.270 ng  
RT: 9.957 min Scan# 1253  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

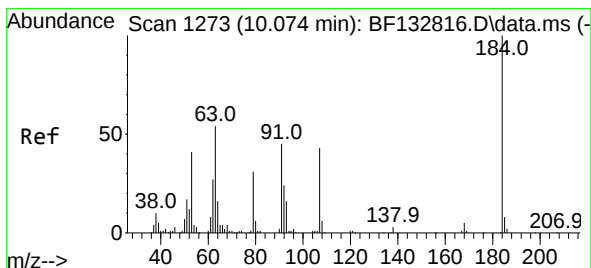
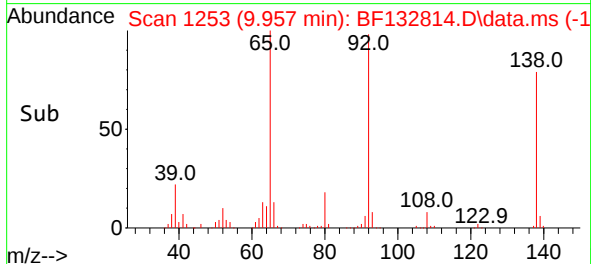
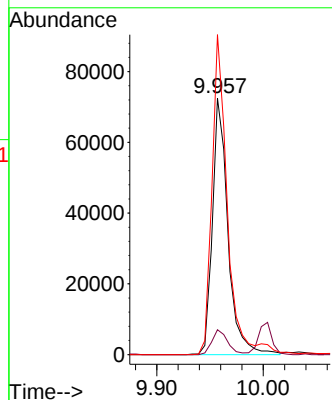
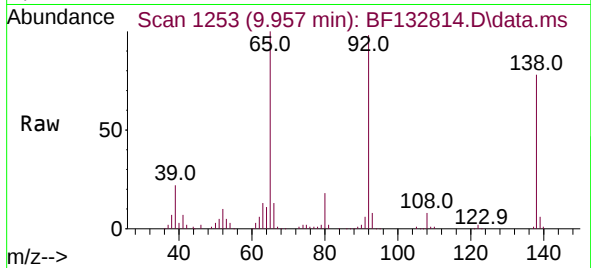
ClientSampleId :

SSTDICC010

Tgt Ion:138 Resp: 73492  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.2 12.2  
92 124.8 93.3 139.9

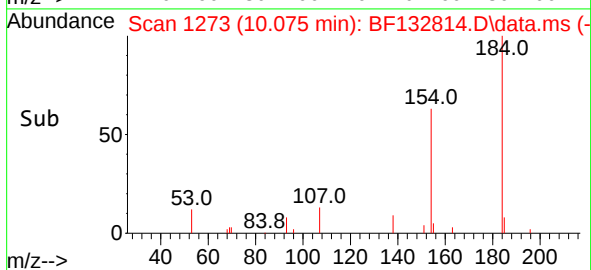
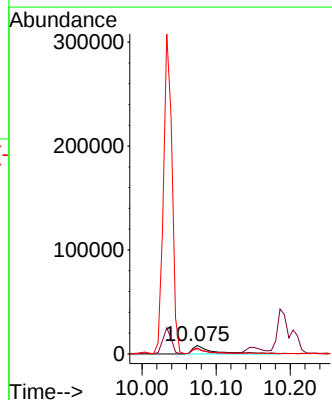
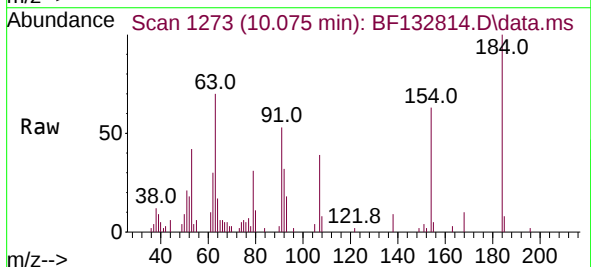
Manual Integrations  
APPROVED

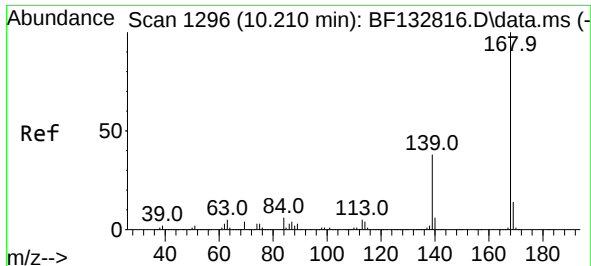
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#54  
2,4-Dinitrophenol  
Concen: 12.103 ng  
RT: 10.075 min Scan# 1273  
Delta R.T. 0.001 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

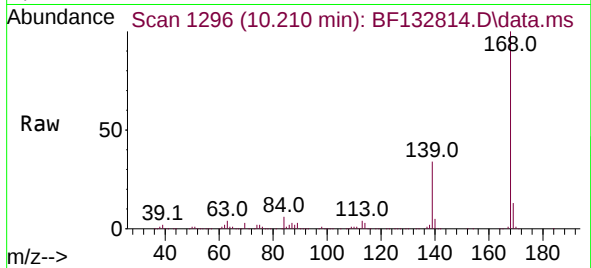
Tgt Ion:184 Resp: 15374  
Ion Ratio Lower Upper  
184 100  
63 69.6 47.2 70.8  
154 62.8 46.5 69.7





#55  
Dibenzofuran  
Concen: 11.806 ng  
RT: 10.210 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

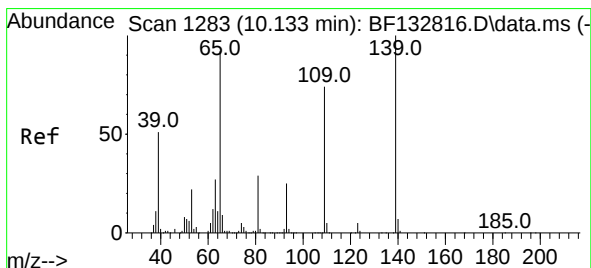
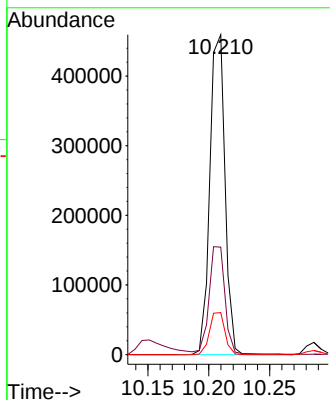
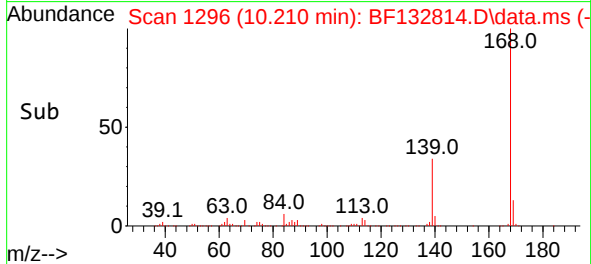
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:168 Resp: 398196  
Ion Ratio Lower Upper  
168 100  
139 33.6 31.0 46.6  
169 13.1 11.3 16.9

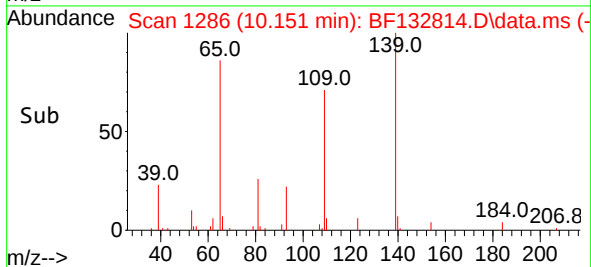
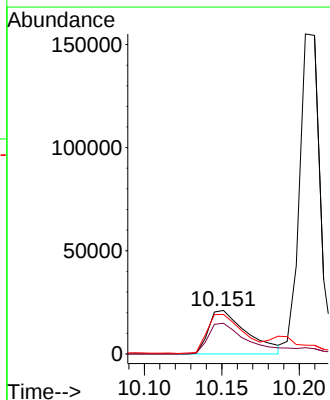
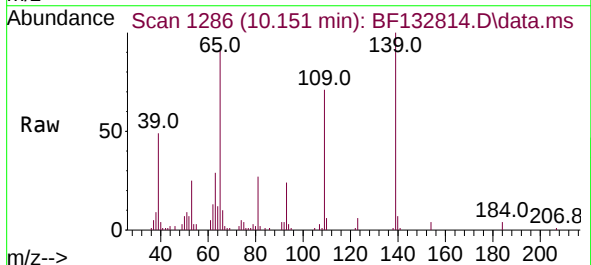
Manual Integrations  
APPROVED

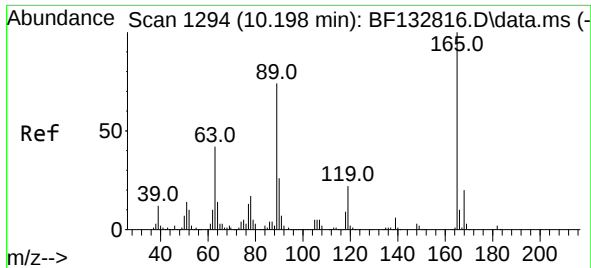
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#56  
4-Nitrophenol  
Concen: 8.534 ng  
RT: 10.151 min Scan# 1286  
Delta R.T. 0.018 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Tgt Ion:139 Resp: 36411  
Ion Ratio Lower Upper  
139 100  
109 70.5 53.8 93.8  
65 90.9 73.0 113.0





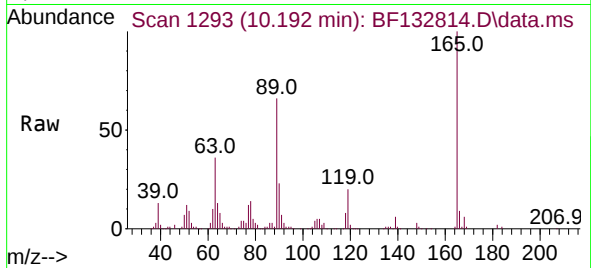
#57  
2,4-Dinitrotoluene  
Concen: 10.852 ng  
RT: 10.192 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

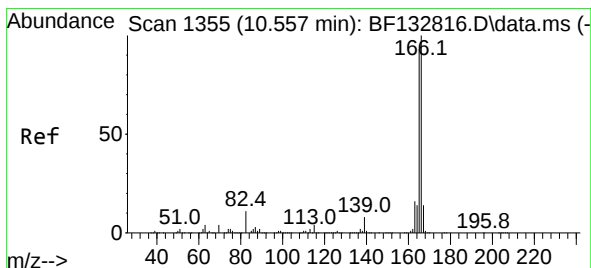
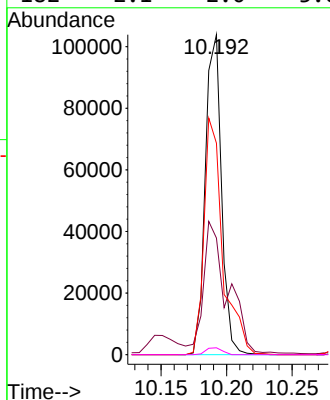
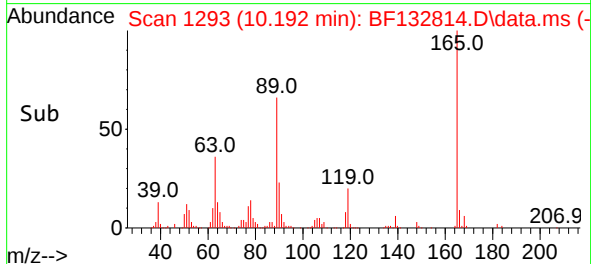


Tgt Ion:165 Resp: 88740  
Ion Ratio Lower Upper  
165 100  
63 36.4 34.4 51.6  
89 66.1 59.5 89.3  
182 2.1 2.0 3.0

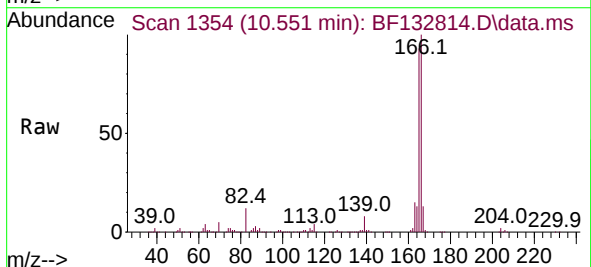
Manual Integrations

APPROVED

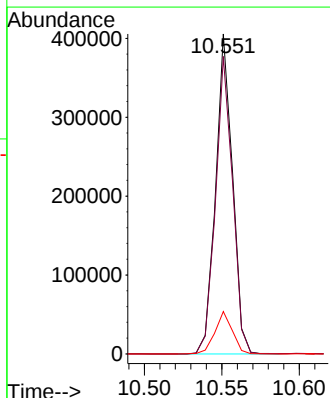
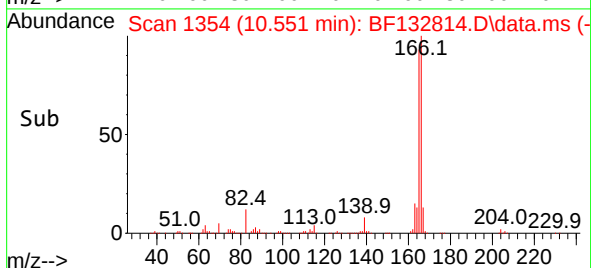
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

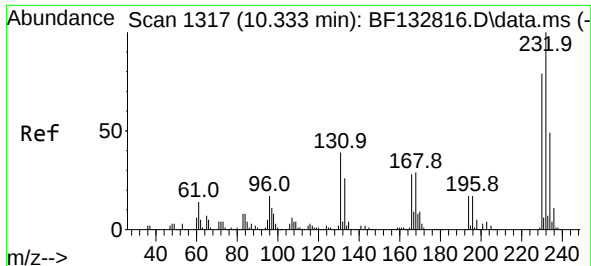


#58  
Fluorene  
Concen: 11.516 ng  
RT: 10.551 min Scan# 1354  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:166 Resp: 308884  
Ion Ratio Lower Upper  
166 100  
165 92.9 74.3 111.5  
167 13.2 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 10.266 ng  
RT: 10.327 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

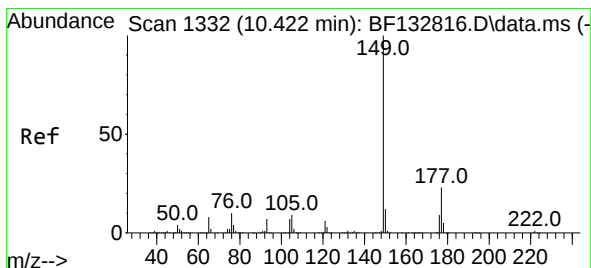
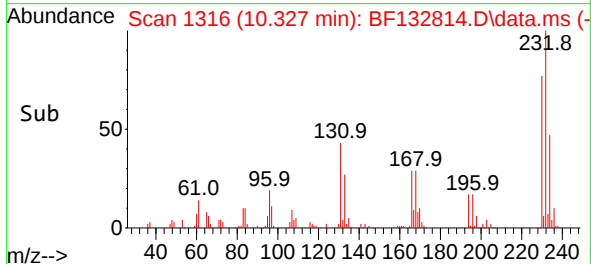
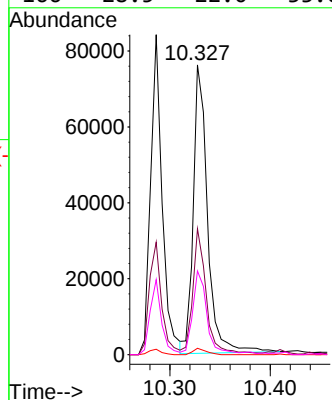
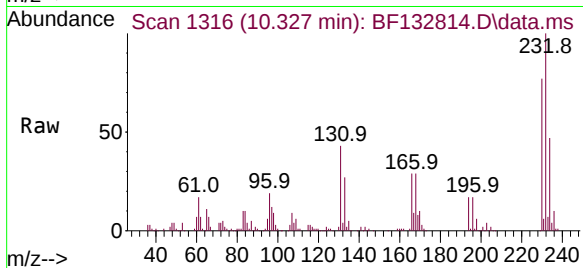
SSTDICC010

Tgt Ion:232 Resp: 74714  
Ion Ratio Lower Upper  
232 100  
131 41.2 32.6 48.8  
130 2.0 1.7 2.5  
166 28.5 22.0 33.0

Manual Integrations

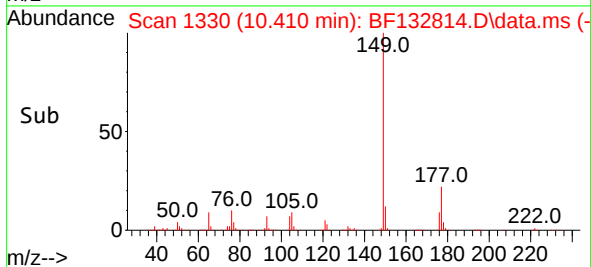
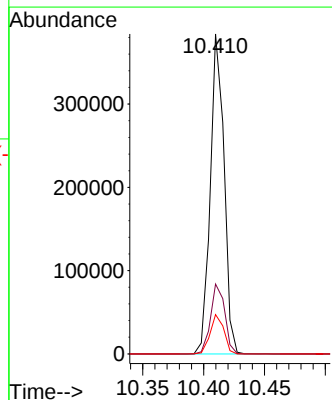
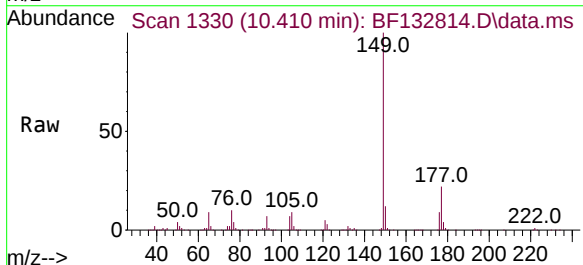
APPROVED

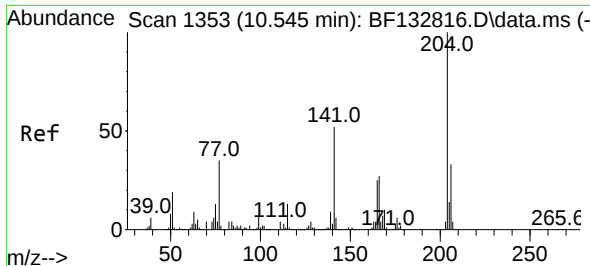
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#60  
Diethylphthalate  
Concen: 11.028 ng  
RT: 10.410 min Scan# 1330  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

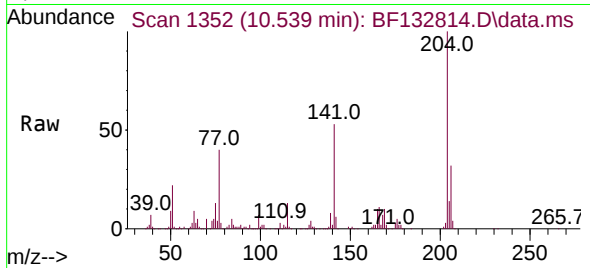
Tgt Ion:149 Resp: 302553  
Ion Ratio Lower Upper  
149 100  
177 21.8 18.6 28.0  
150 12.3 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 11.254 ng  
RT: 10.539 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

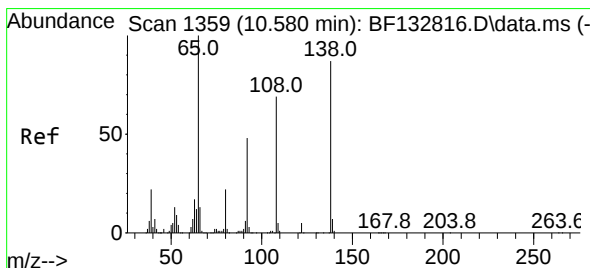
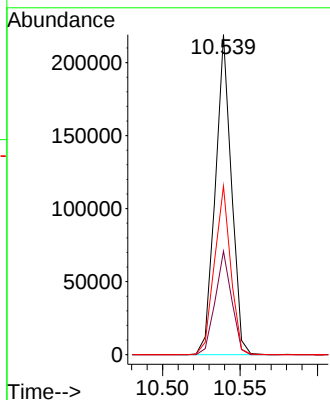
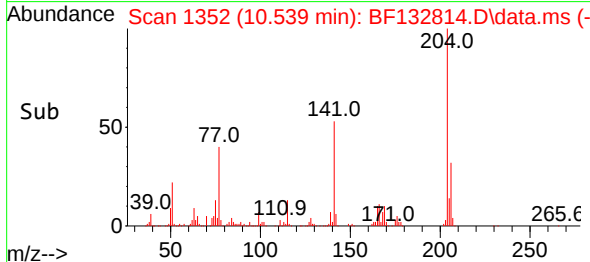
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:204 Resp: 158444  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.6 40.0  
141 52.7 41.9 62.9

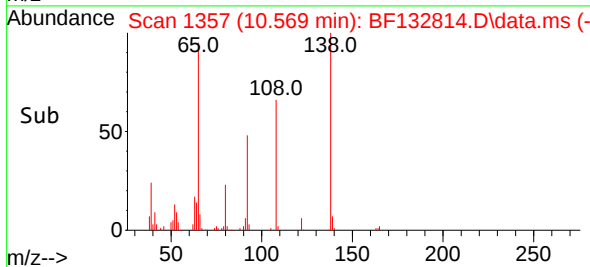
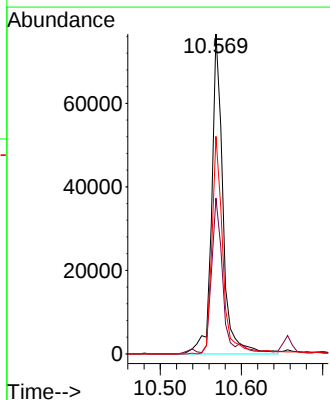
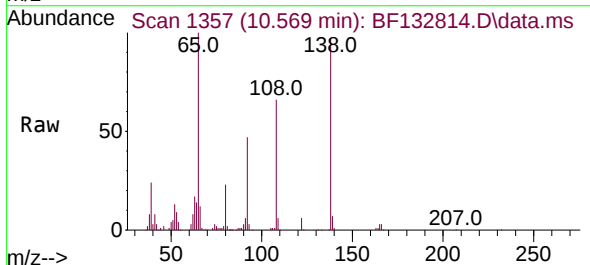
Manual Integrations  
APPROVED

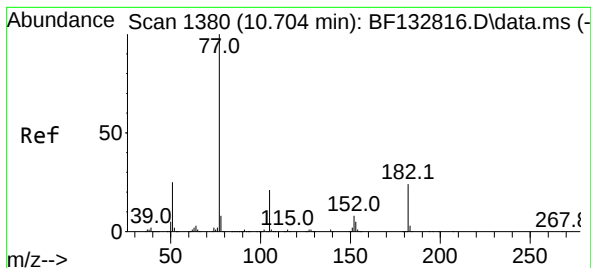
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#62  
4-Nitroaniline  
Concen: 11.907 ng  
RT: 10.569 min Scan# 1357  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

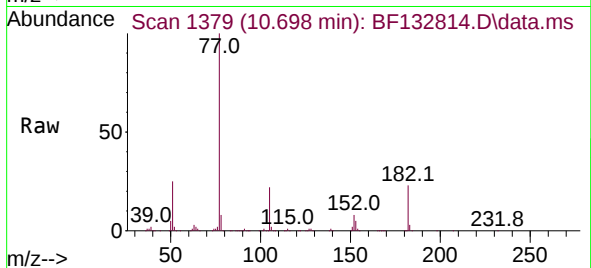
Tgt Ion:138 Resp: 74504  
Ion Ratio Lower Upper  
138 100  
92 48.7 34.9 74.9  
108 68.0 58.8 98.8





#63  
Azobenzene  
Concen: 11.010 ng  
RT: 10.698 min Scan# 1380  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

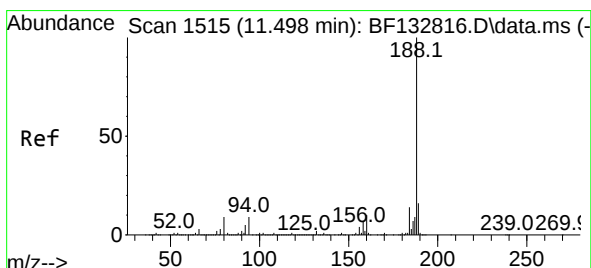
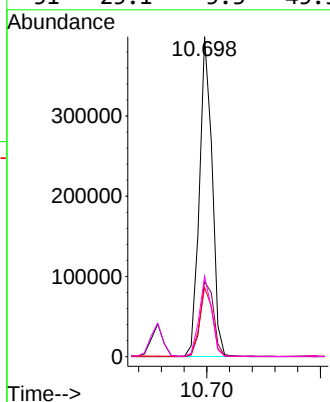
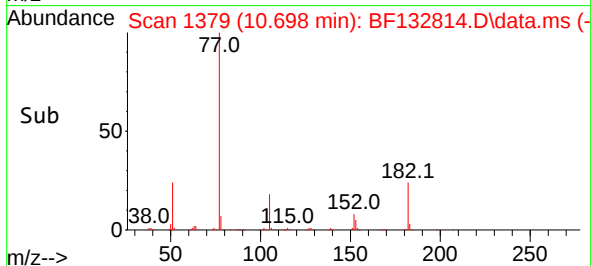
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



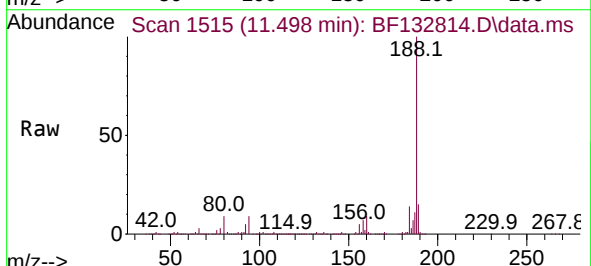
Tgt Ion: 77 Resp: 308830  
Ion Ratio Lower Upper  
77 100  
182 23.5 3.8 43.8  
105 21.6 1.2 41.2  
51 25.1 5.3 45.3

Manual Integrations  
APPROVED

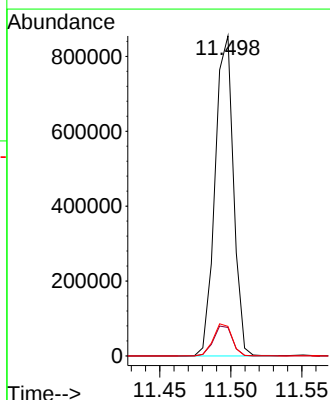
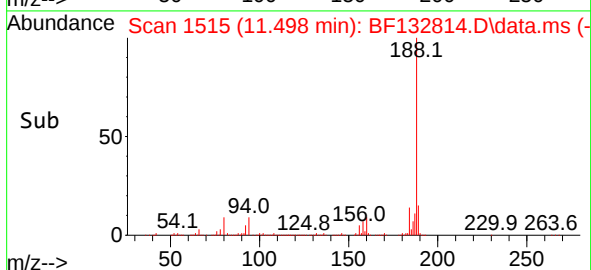
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

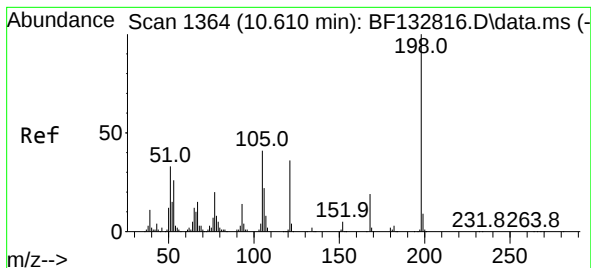


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.498 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:188 Resp: 772243  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.5 11.3  
80 9.2 7.5 11.3





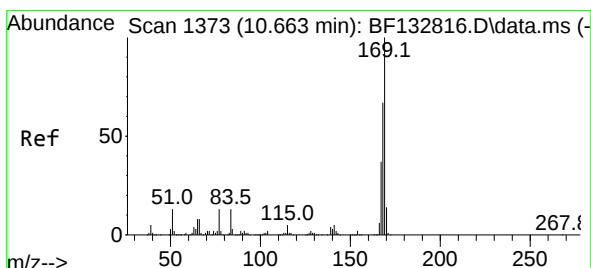
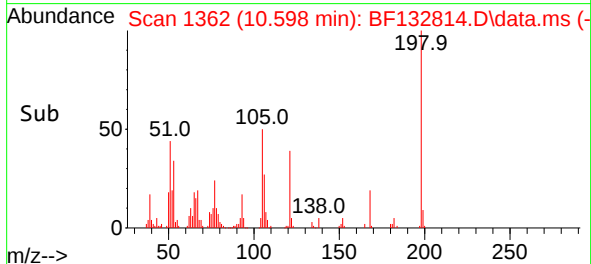
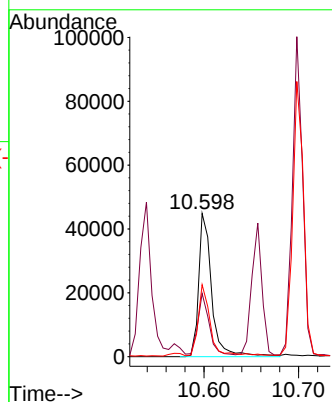
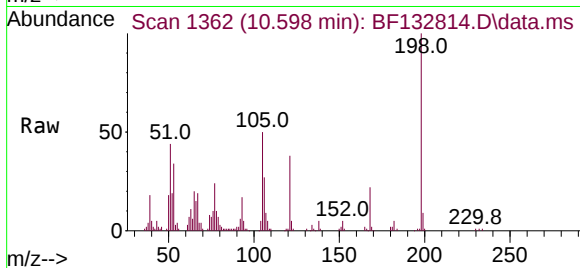
#65  
4,6-Dinitro-2-methylphenol  
Concen: 9.032 ng  
RT: 10.598 min Scan# 1362  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:198 Resp: 42748  
Ion Ratio Lower Upper  
198 100  
51 44.1 15.6 55.6  
105 50.2 21.5 61.5

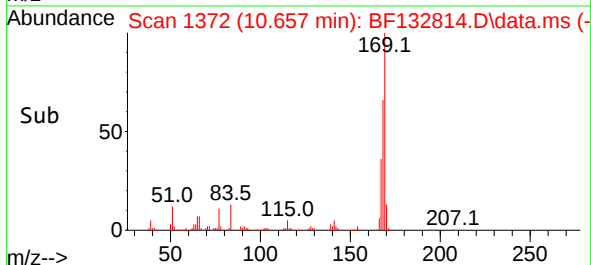
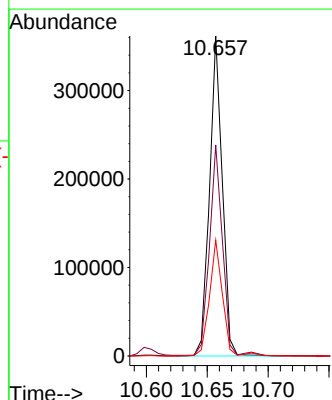
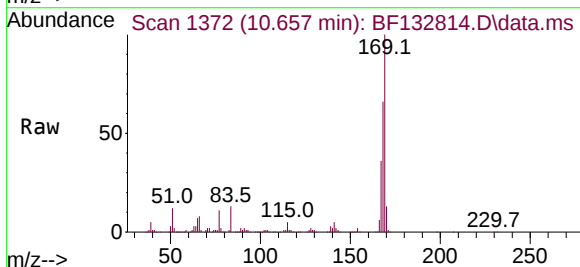
Manual Integrations  
APPROVED

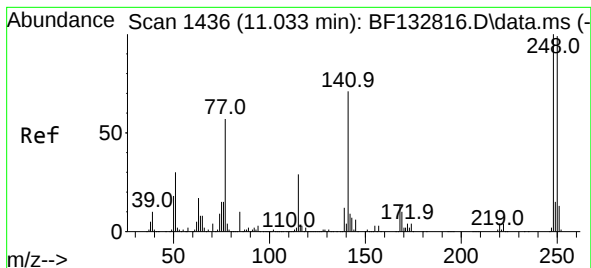
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#66  
n-Nitrosodiphenylamine  
Concen: 11.087 ng  
RT: 10.657 min Scan# 1372  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Tgt Ion:169 Resp: 264614  
Ion Ratio Lower Upper  
169 100  
168 65.9 54.2 81.2  
167 36.2 29.6 44.4





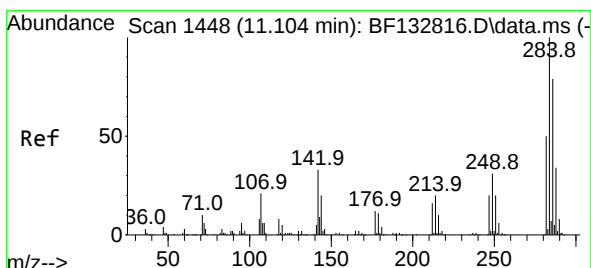
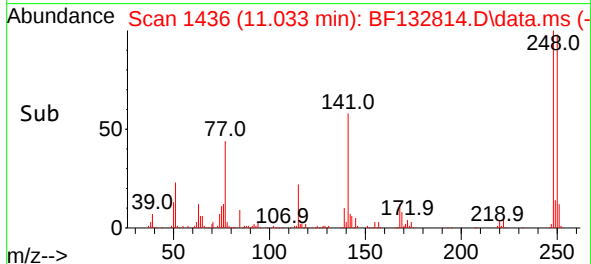
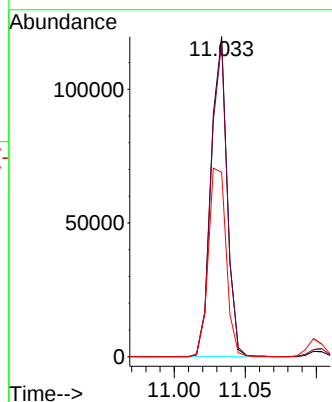
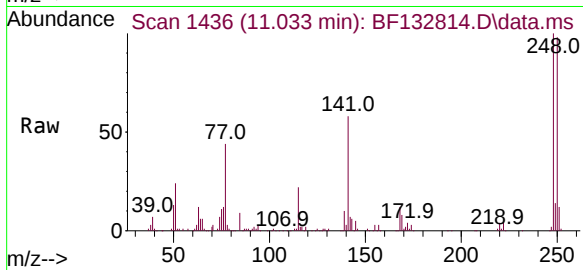
#67  
4-Bromophenyl-phenylether  
Concen: 10.534 ng  
RT: 11.033 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:248 Resp: 94050  
Ion Ratio Lower Upper  
248 100  
250 98.1 79.1 118.7  
141 57.6 57.1 85.7

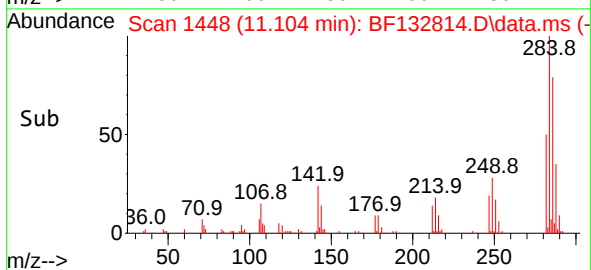
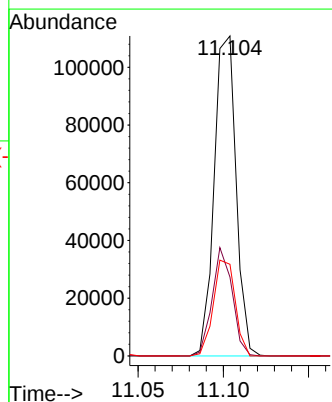
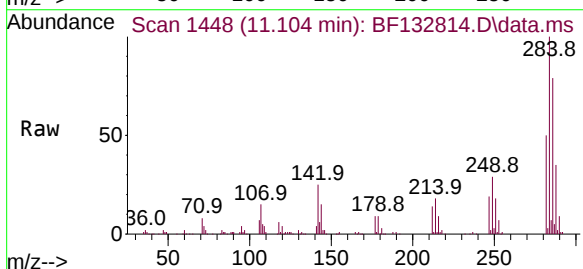
Manual Integrations  
APPROVED

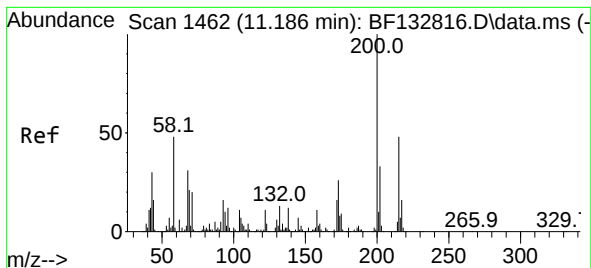
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#68  
Hexachlorobenzene  
Concen: 10.467 ng  
RT: 11.104 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Tgt Ion:284 Resp: 98964  
Ion Ratio Lower Upper  
284 100  
142 24.7 26.2 39.2#  
249 28.6 24.9 37.3





#69

Atrazine

Concen: 10.848 ng

RT: 11.180 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 74560

Ion Ratio Lower Upper

200 100

173 25.4 6.5 46.5

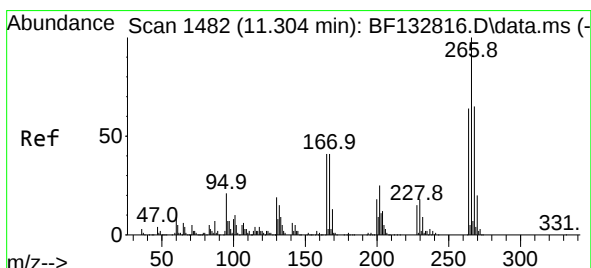
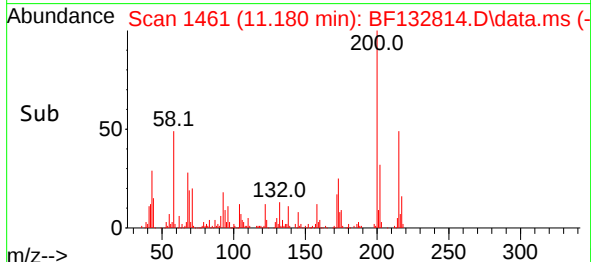
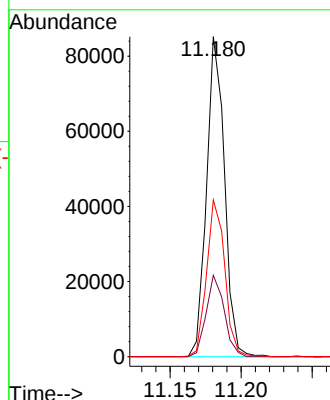
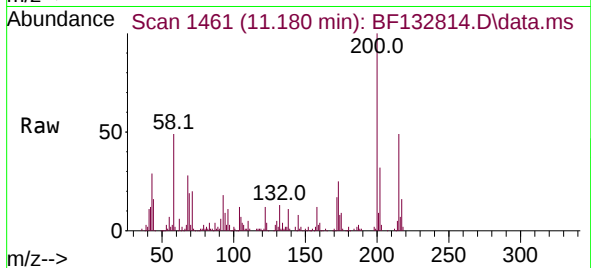
215 49.0 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#70

Pentachlorophenol

Concen: 7.751 ng m

RT: 11.304 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

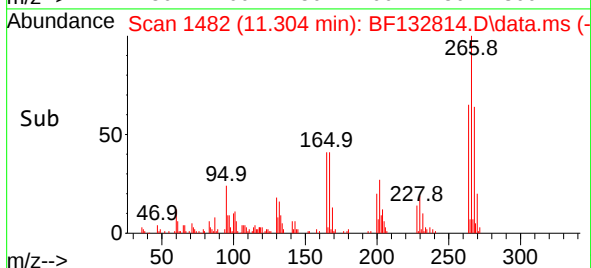
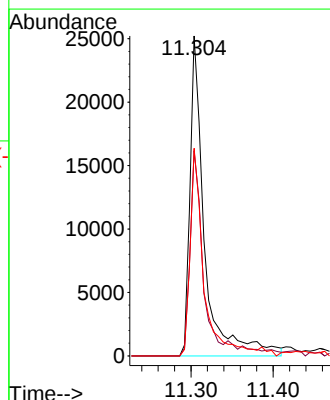
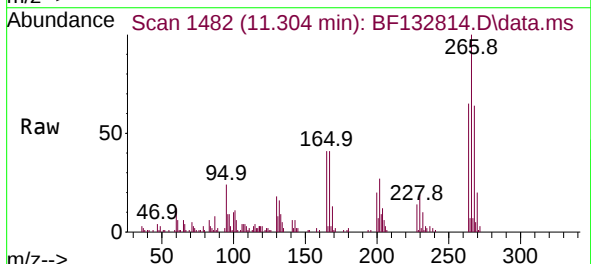
Tgt Ion:266 Resp: 31012

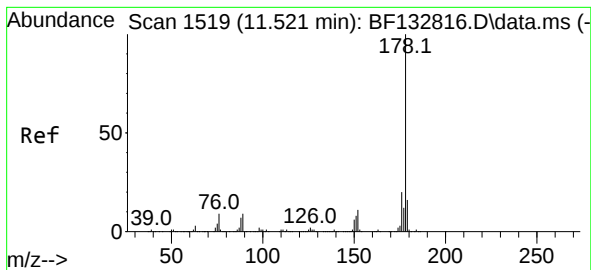
Ion Ratio Lower Upper

266 100

268 64.1 51.6 77.4

264 64.9 51.0 76.4





#71

Phenanthrene

Concen: 11.234 ng

RT: 11.522 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:178 Resp: 436664

Ion Ratio Lower Upper

178 100

176 19.2 16.3 24.5

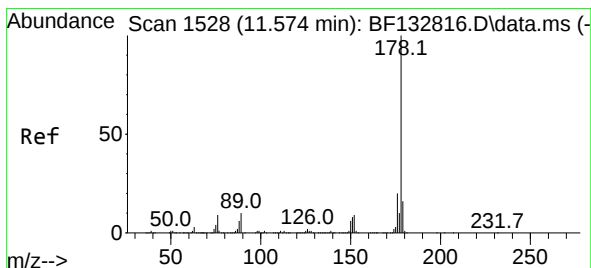
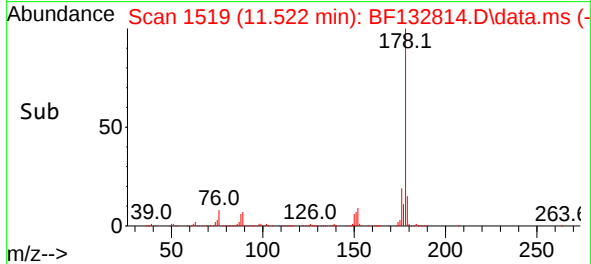
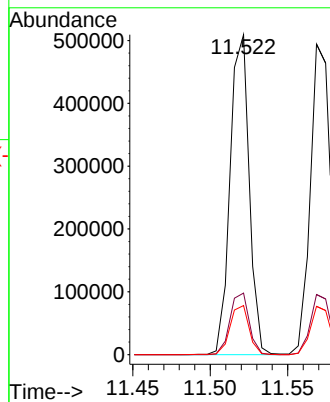
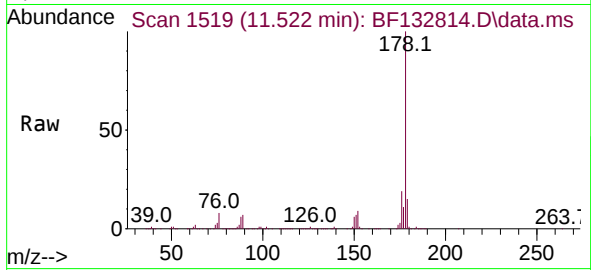
179 15.3 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#72

Anthracene

Concen: 11.231 ng

RT: 11.569 min Scan# 1527

Delta R.T. -0.006 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

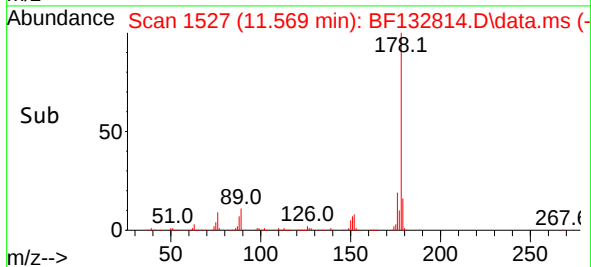
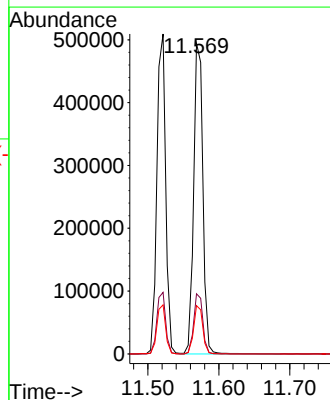
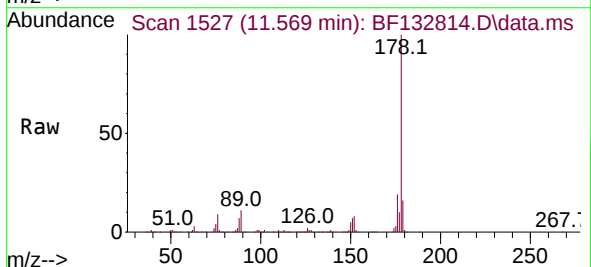
Tgt Ion:178 Resp: 447218

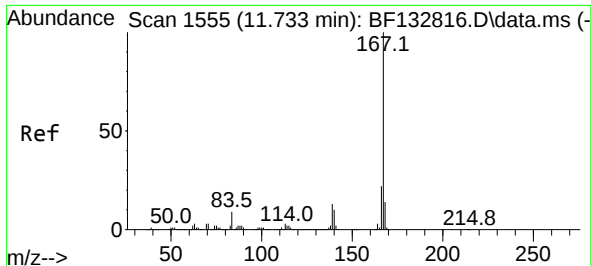
Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

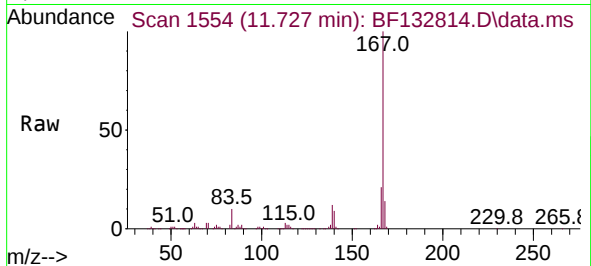
179 15.5 12.8 19.2





#73  
 Carbazole  
 Concen: 11.290 ng  
 RT: 11.727 min Scan# 1554  
 Delta R.T. -0.006 min  
 Lab File: BF132814.D  
 Acq: 16 Mar 2023 15:43

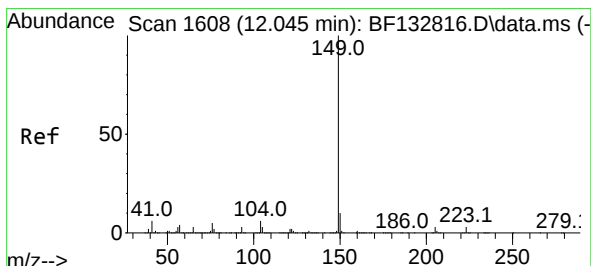
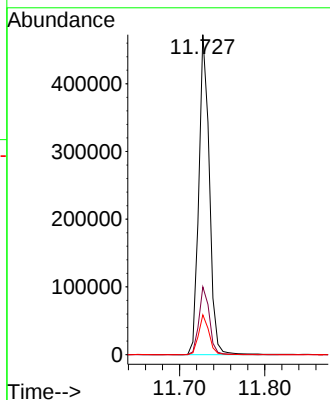
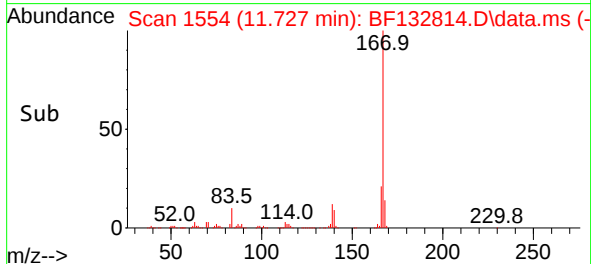
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010



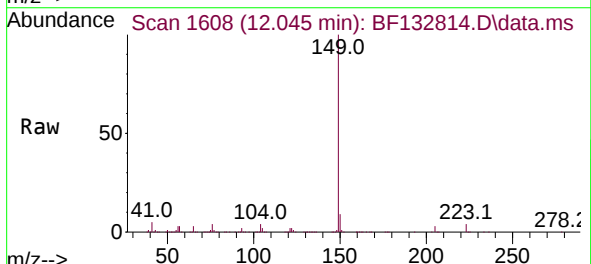
Tgt Ion:167 Resp: 403645  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.6 26.4  
 139 12.4 10.2 15.2

Manual Integrations  
 APPROVED

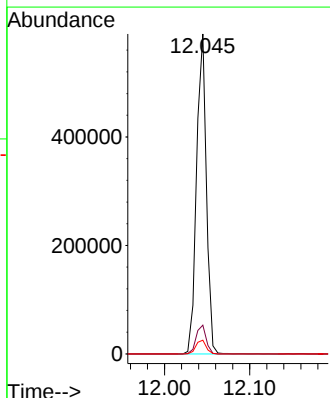
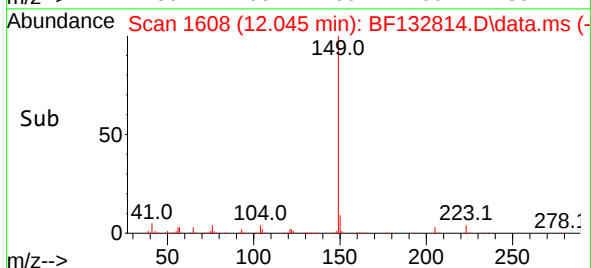
Reviewed By :Christian Giraldo 03/17/2023  
 Supervised By :Jagrut Upadhyay 03/17/2023

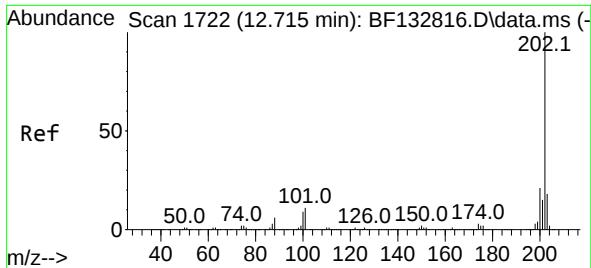


#74  
 Di-n-butylphthalate  
 Concen: 11.059 ng  
 RT: 12.045 min Scan# 1608  
 Delta R.T. 0.000 min  
 Lab File: BF132814.D  
 Acq: 16 Mar 2023 15:43



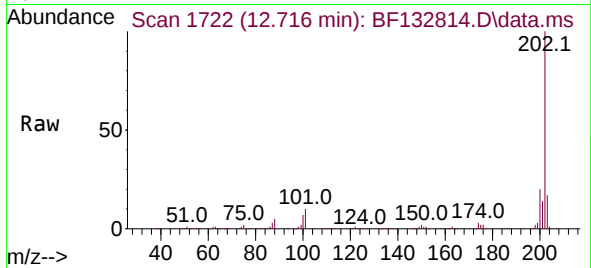
Tgt Ion:149 Resp: 471041  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.8 11.8  
 104 4.3 4.4 6.6





#75  
Fluoranthene  
Concen: 10.835 ng  
RT: 12.716 min Scan# 1722  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

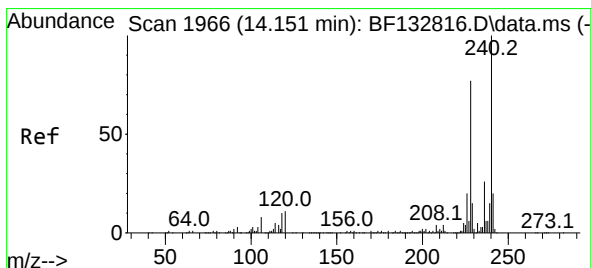
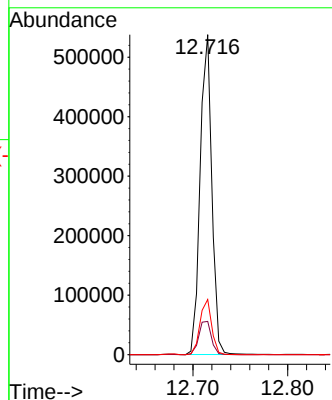
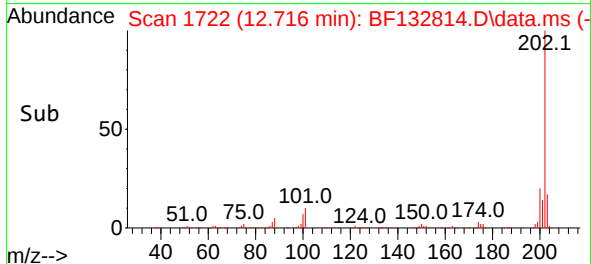
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



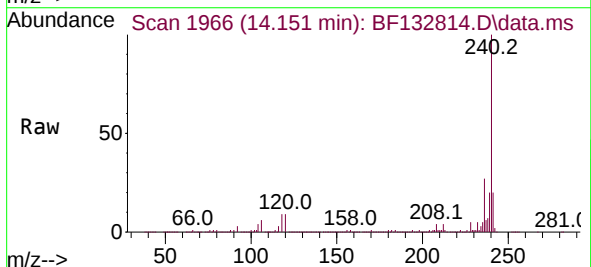
Tgt Ion:202 Resp: 458355  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 31.3  
203 17.2 0.0 38.5

Manual Integrations  
APPROVED

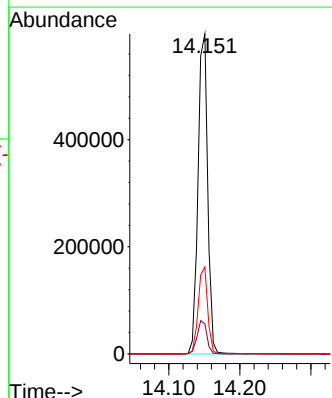
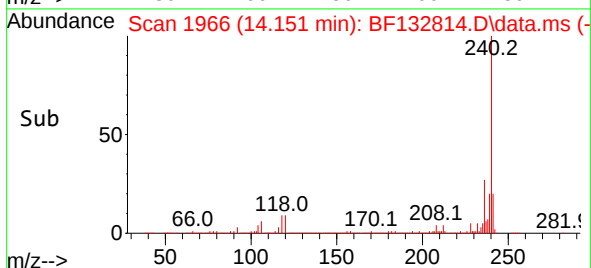
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

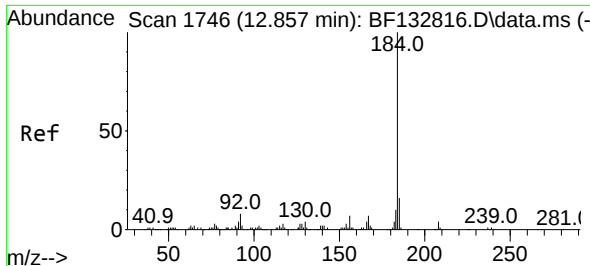


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.151 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



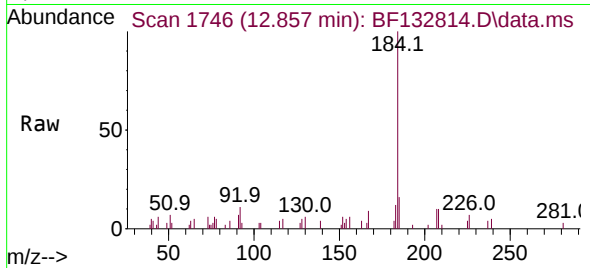
Tgt Ion:240 Resp: 565141  
Ion Ratio Lower Upper  
240 100  
120 9.4 9.1 13.7  
236 27.2 21.2 31.8





#77  
Benzidine  
Concen: 5.763 ng m  
RT: 12.857 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

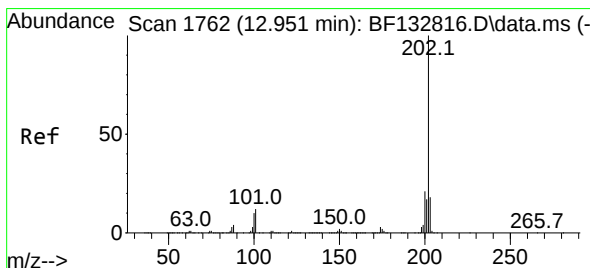
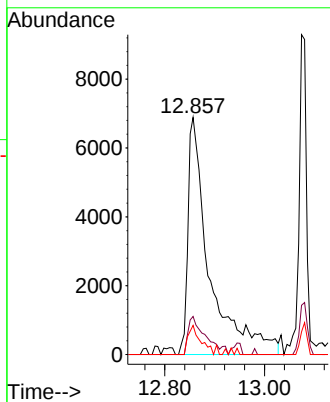
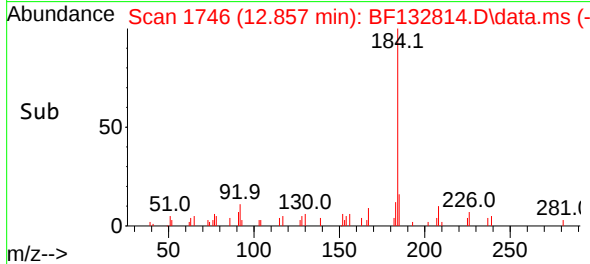
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



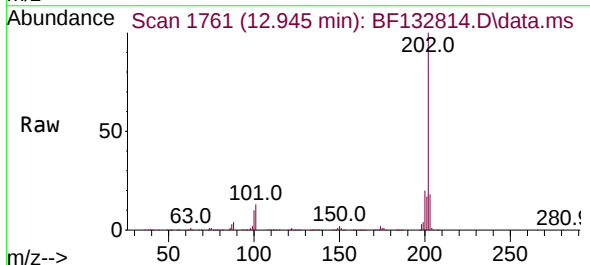
Tgt Ion:184 Resp: 20620  
Ion Ratio Lower Upper  
184 100  
185 16.1 12.6 19.0  
183 12.3 8.2 12.4

Manual Integrations  
APPROVED

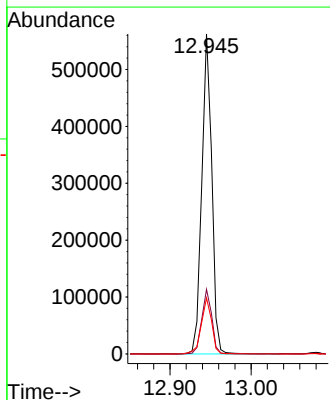
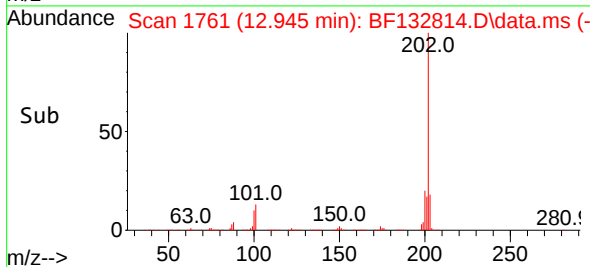
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

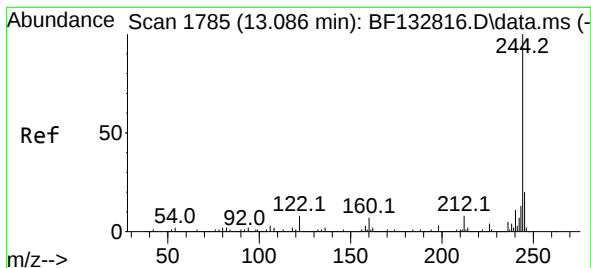


#78  
Pyrene  
Concen: 10.244 ng  
RT: 12.945 min Scan# 1761  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:202 Resp: 481148  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.9 25.3  
203 17.5 14.6 21.8





#79

Terphenyl-d14

Concen: 21.307 ng

RT: 13.080 min Scan# 1785

Delta R.T. -0.006 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 66685

Ion Ratio Lower Upper

244 100

212 6.7 6.3 9.5

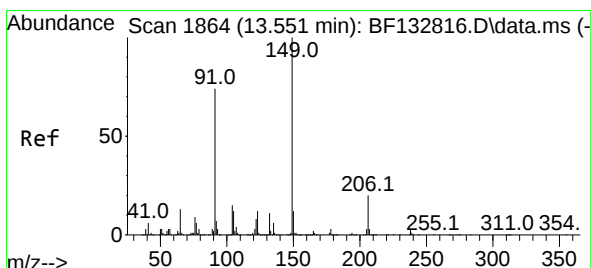
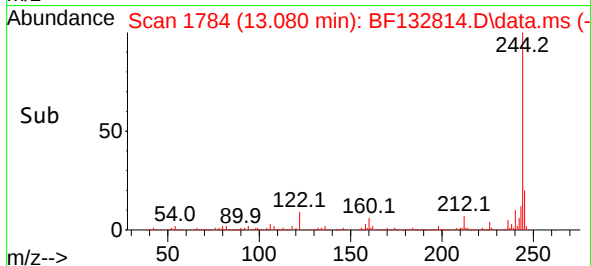
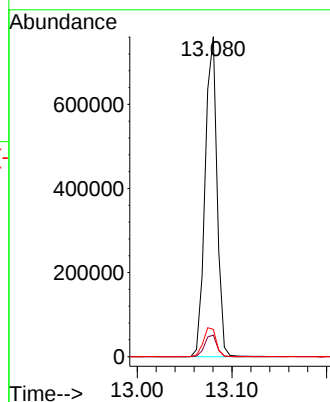
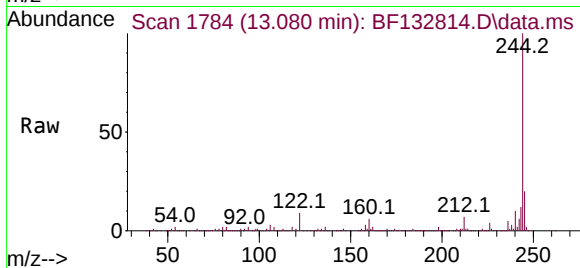
122 8.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#80

Butylbenzylphthalate

Concen: 9.459 ng

RT: 13.551 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

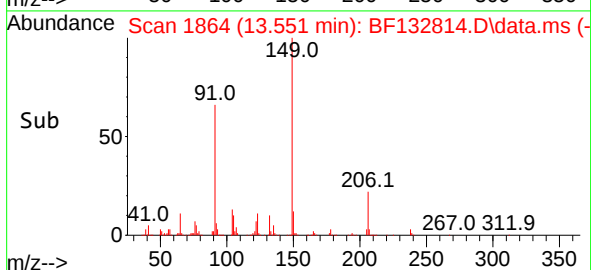
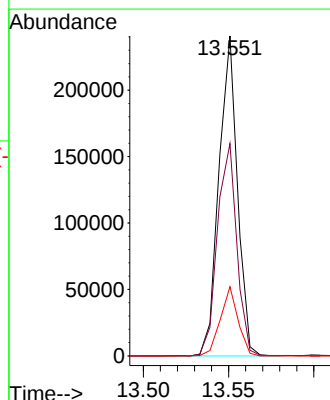
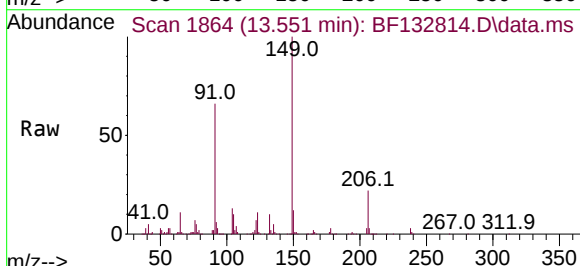
Tgt Ion:149 Resp: 181766

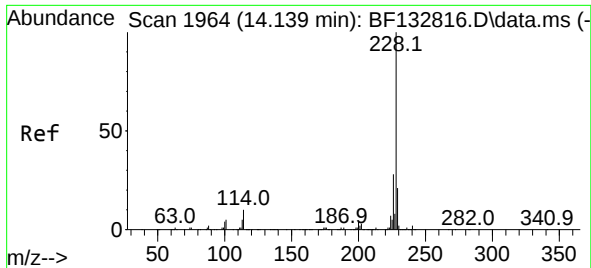
Ion Ratio Lower Upper

149 100

91 66.4 59.5 89.3

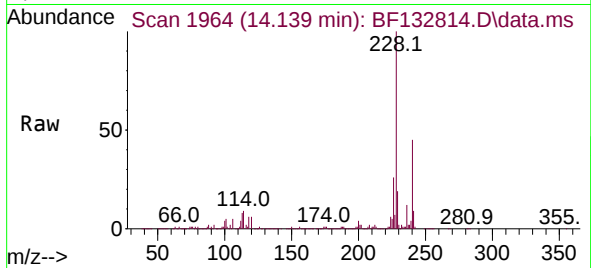
206 21.6 16.2 24.4





#81  
Benzo(a)anthracene  
Concen: 10.334 ng  
RT: 14.139 min Scan# 1964  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

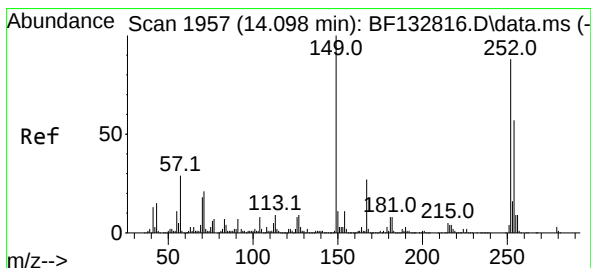
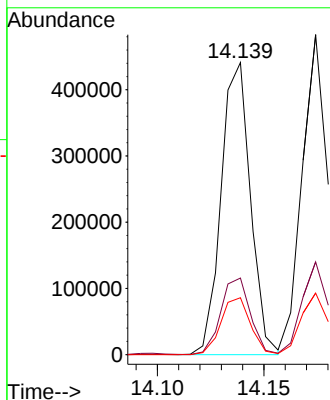
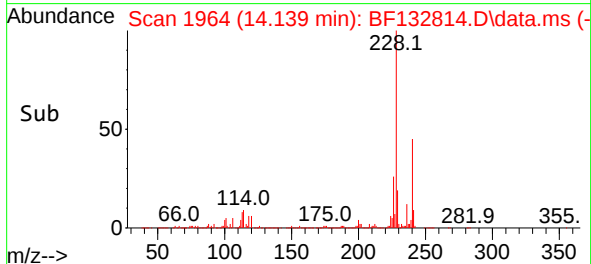
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



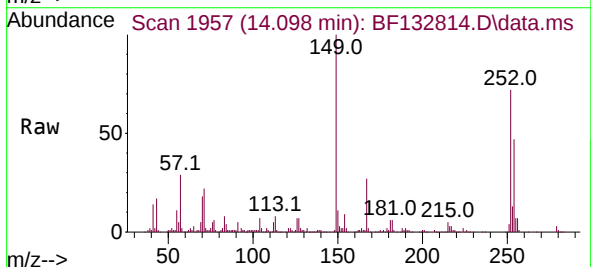
Tgt Ion:228 Resp: 422727  
Ion Ratio Lower Upper  
228 100  
226 26.2 22.2 33.4  
229 19.5 16.5 24.7

Manual Integrations  
APPROVED

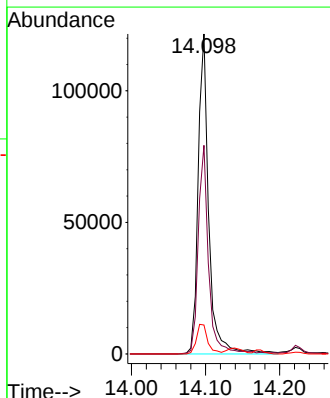
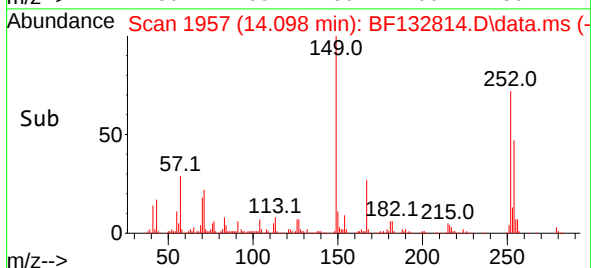
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

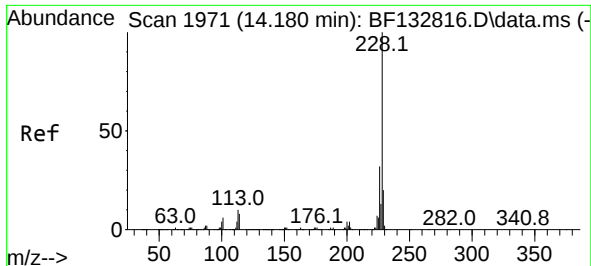


#82  
3,3'-Dichlorobenzidine  
Concen: 11.388 ng  
RT: 14.098 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:252 Resp: 120928  
Ion Ratio Lower Upper  
252 100  
254 65.2 52.2 78.4  
126 9.0 7.5 11.3





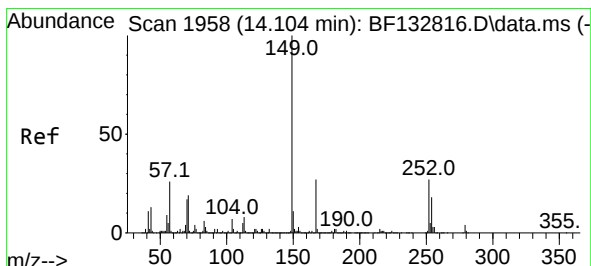
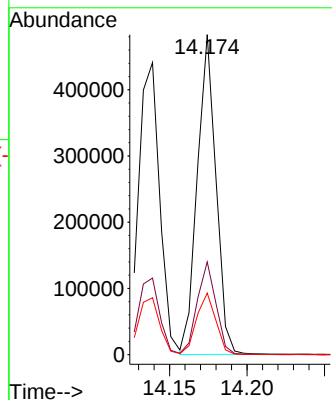
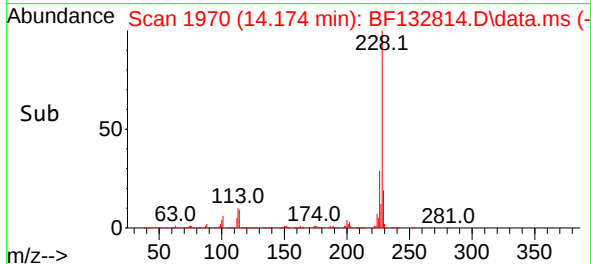
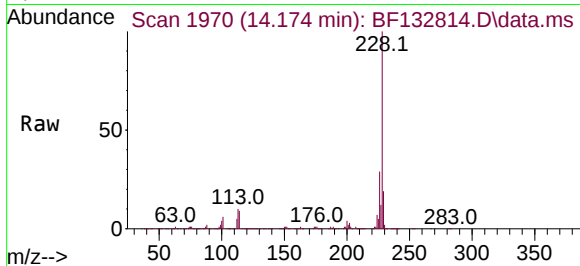
#83  
Chrysene  
Concen: 10.470 ng  
RT: 14.174 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:228 Resp: 404726  
Ion Ratio Lower Upper  
228 100  
226 29.0 25.4 38.0  
229 19.2 16.1 24.1

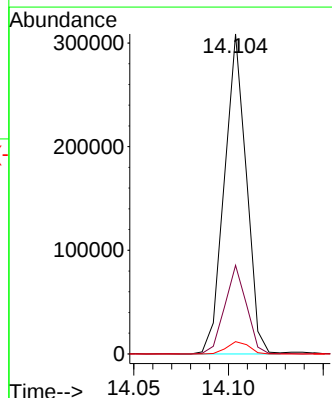
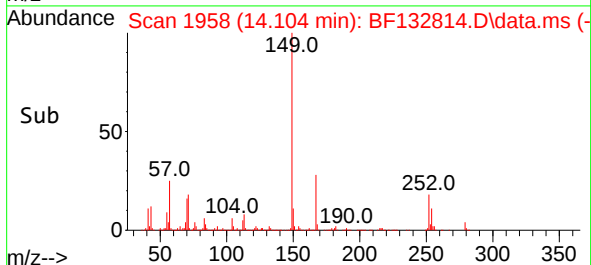
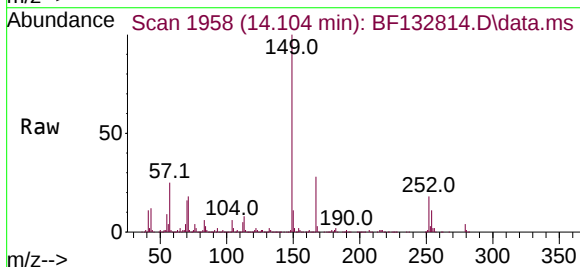
Manual Integrations  
APPROVED

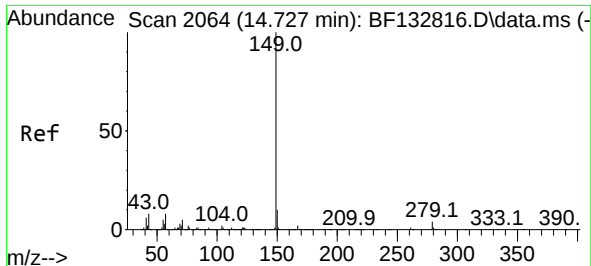
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 10.301 ng  
RT: 14.104 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

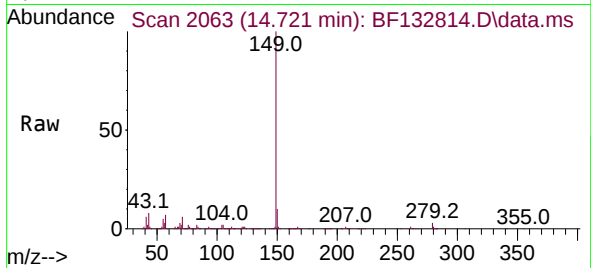
Tgt Ion:149 Resp: 248900  
Ion Ratio Lower Upper  
149 100  
167 27.7 21.4 32.0  
279 3.8 2.9 4.3





#85  
Di-n-octyl phthalate  
Concen: 10.554 ng  
RT: 14.721 min Scan# 2064  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

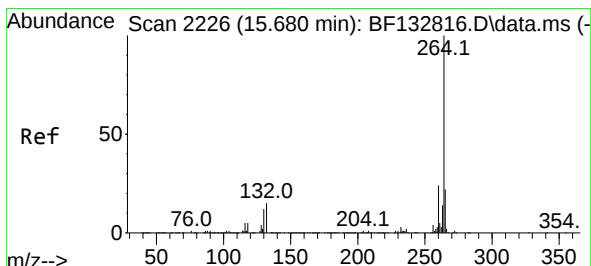
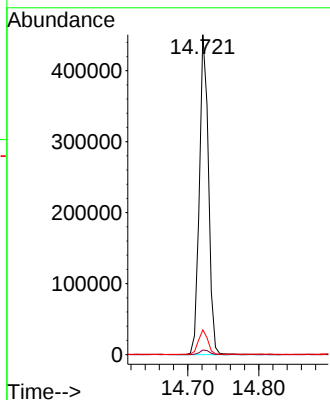
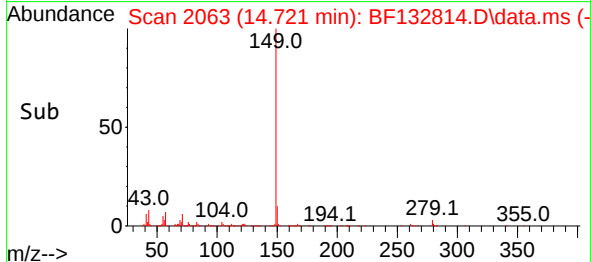
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:149 Resp: 399480  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.1 6.2 9.4

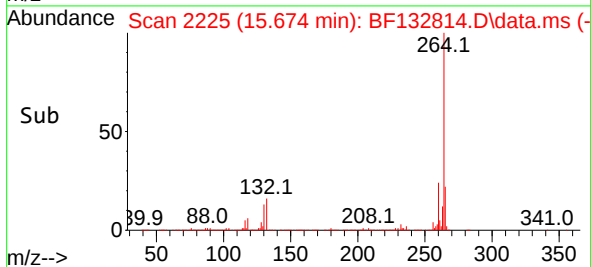
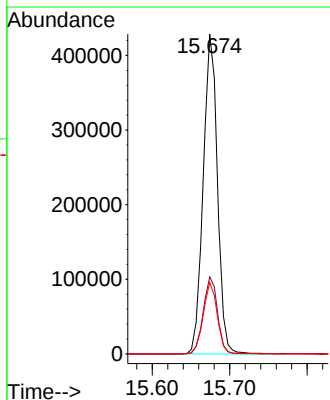
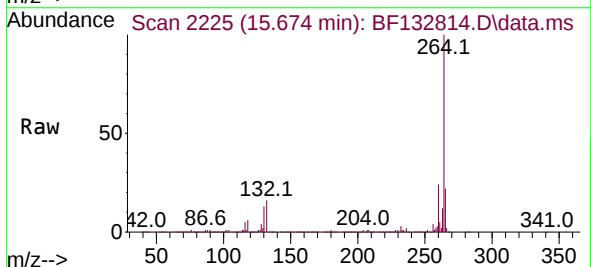
Manual Integrations  
APPROVED

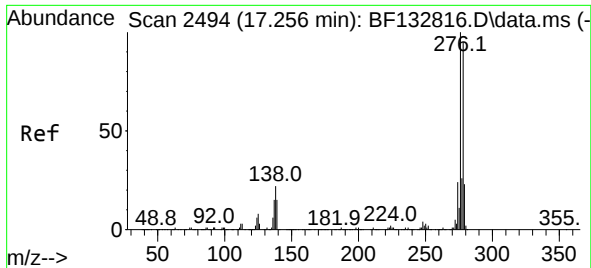
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.674 min Scan# 2225  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

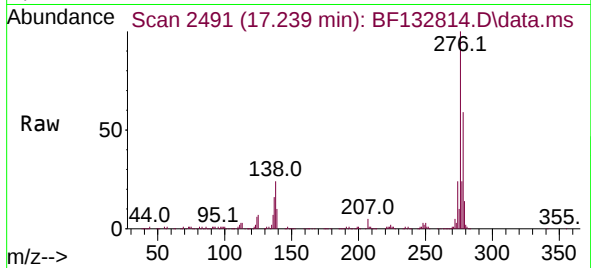
Tgt Ion:264 Resp: 546038  
Ion Ratio Lower Upper  
264 100  
260 24.1 18.9 28.3  
265 22.3 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 8.430 ng  
RT: 17.239 min Scan# 2494  
Delta R.T. -0.018 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

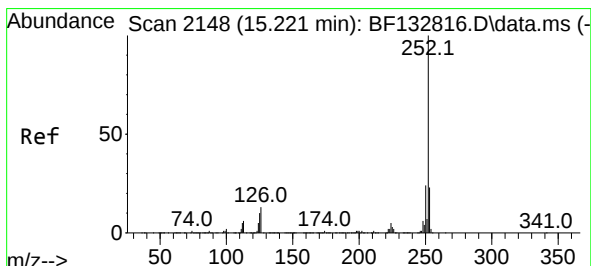
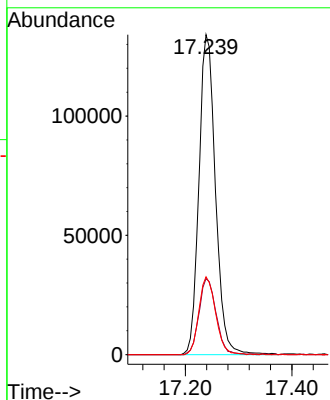
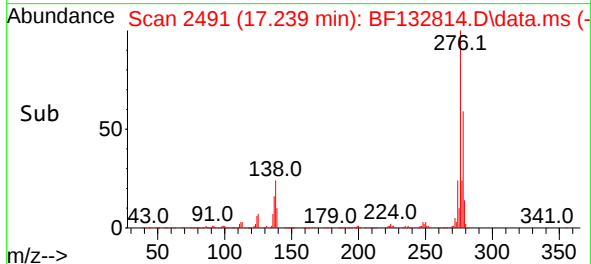
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



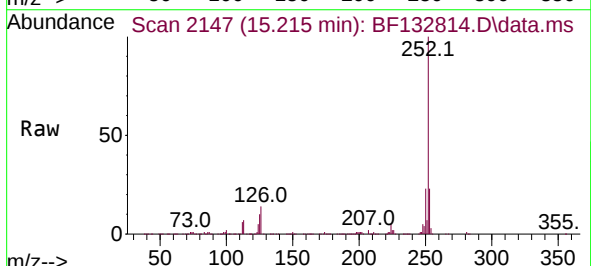
Tgt Ion:276 Resp: 288550  
Ion Ratio Lower Upper  
276 100  
138 24.6 18.8 28.2  
277 24.5 20.3 30.5

Manual Integrations  
APPROVED

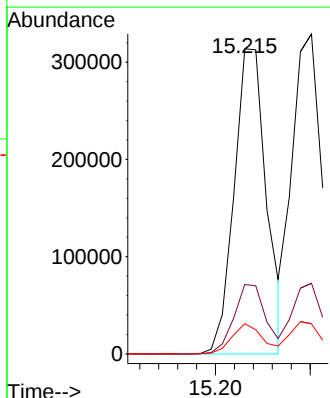
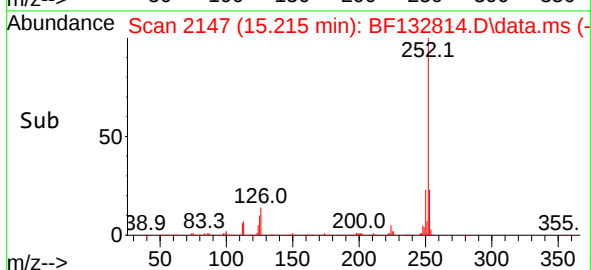
Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023

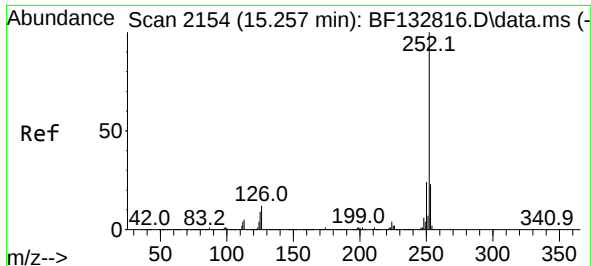


#88  
Benzo(b)fluoranthene  
Concen: 10.476 ng  
RT: 15.215 min Scan# 2147  
Delta R.T. -0.006 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:252 Resp: 373148  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.2 27.4  
125 9.9 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 10.541 ng

RT: 15.251 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 366899

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

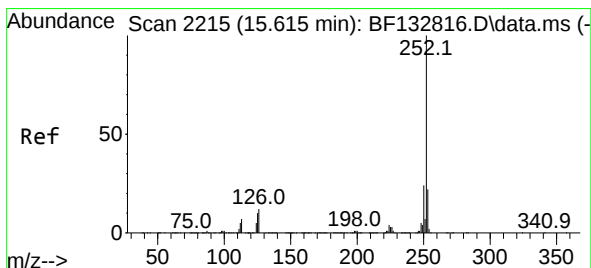
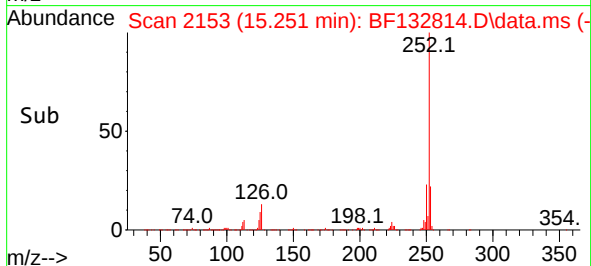
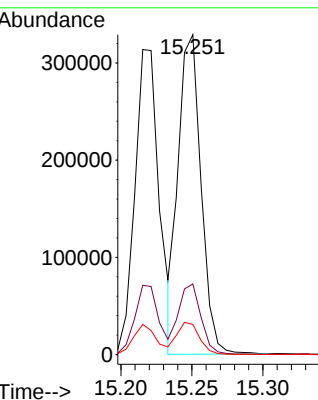
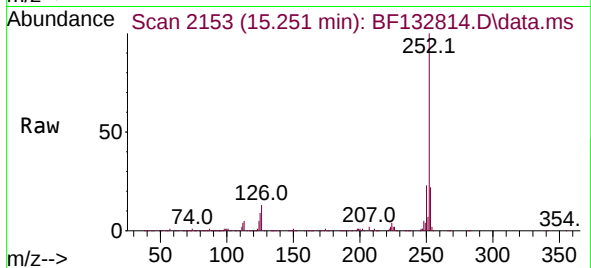
125 9.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#90

Benzo(a)pyrene

Concen: 10.231 ng

RT: 15.609 min Scan# 2214

Delta R.T. -0.006 min

Lab File: BF132814.D

Acq: 16 Mar 2023 15:43

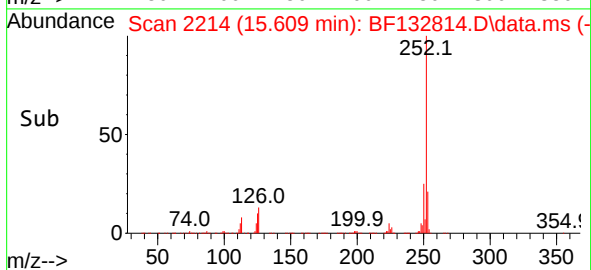
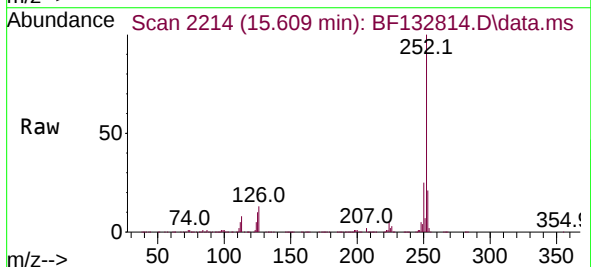
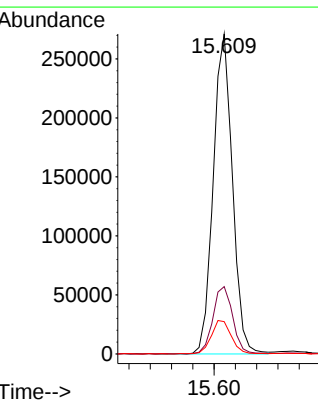
Tgt Ion:252 Resp: 339731

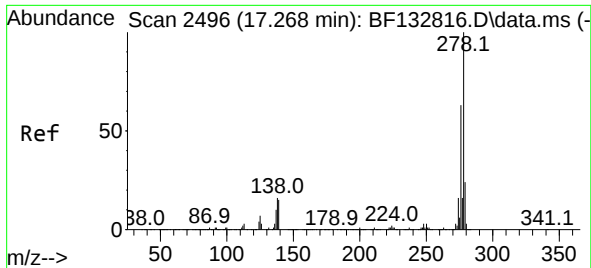
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

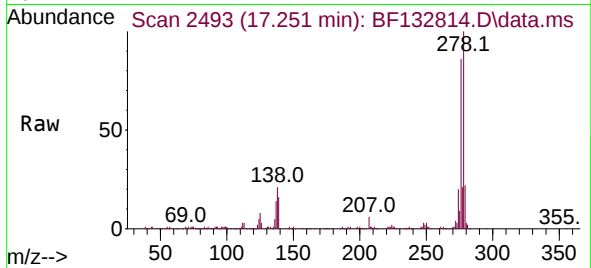
125 10.1 7.7 11.5





#91  
Dibenzo(a,h)anthracene  
Concen: 8.585 ng  
RT: 17.251 min Scan# 2496  
Delta R.T. -0.018 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43

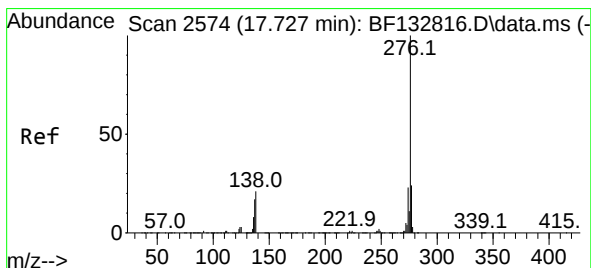
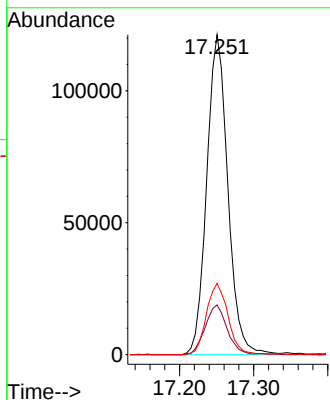
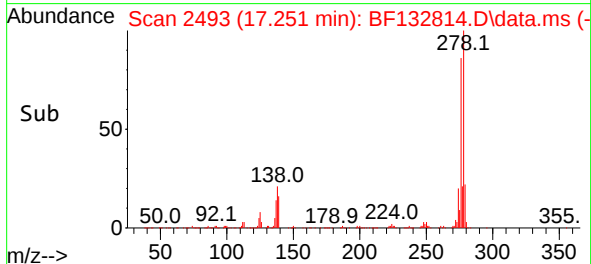
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



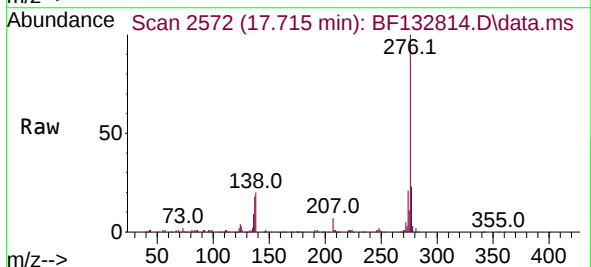
Tgt Ion:278 Resp: 239806  
Ion Ratio Lower Upper  
278 100  
139 15.5 11.8 17.8  
279 22.3 19.1 28.7

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/17/2023  
Supervised By :Jagrut Upadhyay 03/17/2023



#92  
Benzo(g,h,i)perylene  
Concen: 7.754 ng  
RT: 17.715 min Scan# 2572  
Delta R.T. -0.012 min  
Lab File: BF132814.D  
Acq: 16 Mar 2023 15:43



Tgt Ion:276 Resp: 226321  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.0 28.6  
138 20.4 16.8 25.2

