

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
 Data File : BF132634.D  
 Acq On : 03 Mar 2023 18:06  
 Operator : CG\JU  
 Sample : 01770-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Manual Integrations  
 APPROVED

Reviewed By : Christian  
 Giraldo

Quant Time: Mar 04 02:19:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                  |
|-------------------------------|--------|------|----------|--------|-------|----------|----------------------------------|
| Internal Standards            |        |      |          |        |       |          | 03/06/2023                       |
| 1) 1,4-Dichlorobenzene-d4     | 6.998  | 152  | 183325   | 20.000 | ng    | 0.00     | Supervised By :Jagrut<br>padhyay |
| 21) Naphthalene-d8            | 8.286  | 136  | 602984   | 20.000 | ng    | 0.00     |                                  |
| 39) Acenaphthene-d10          | 10.051 | 164  | 264750   | 20.000 | ng    | 0.00     |                                  |
| 64) Phenanthrene-d10          | 11.545 | 188  | 450537   | 20.000 | ng    | 0.00     |                                  |
| 76) Chrysene-d12              | 14.210 | 240  | 404405   | 20.000 | ng    | # 0.00   |                                  |
| 86) Perylene-d12              | 15.762 | 264  | 416400   | 20.000 | ng    | 0.00     | 03/06/2023                       |
| System Monitoring Compounds   |        |      |          |        |       |          |                                  |
| 5) 2-Fluorophenol             | 5.634  | 112  | 1112389  | 98.479 | ng    | 0.00     |                                  |
| 7) Phenol-d6                  | 6.628  | 99   | 1367987  | 92.796 | ng    | 0.00     |                                  |
| 23) Nitrobenzene-d5           | 7.569  | 82   | 872632   | 68.661 | ng    | 0.00     |                                  |
| 42) 2,4,6-Tribromophenol      | 10.845 | 330  | 263039   | 91.998 | ng    | 0.00     |                                  |
| 45) 2-Fluorobiphenyl          | 9.363  | 172  | 1216917  | 69.989 | ng    | 0.00     |                                  |
| 79) Terphenyl-d14             | 13.133 | 244  | 1261594  | 52.745 | ng    | 0.00     |                                  |
| Target Compounds              |        |      |          |        |       |          | Qvalue                           |
| 2) 1,4-Dioxane                | 2.928  | 88   | 250683   | 40.120 | ng    |          | 97                               |
| 3) Pyridine                   | 3.687  | 79   | 638675   | 38.508 | ng    |          | 95                               |
| 4) n-Nitrosodimethylamine     | 3.651  | 42   | 244345   | 39.003 | ng    |          | 85                               |
| 6) Aniline                    | 6.663  | 93   | 523914   | 26.408 | ng    |          | 96                               |
| 8) 2-Chlorophenol             | 6.787  | 128  | 502833   | 42.891 | ng    |          | 96                               |
| 9) Benzaldehyde               | 6.551  | 77   | 261193   | 32.835 | ng    |          | 99                               |
| 10) Phenol                    | 6.645  | 94   | 651844   | 38.568 | ng    |          | 91                               |
| 11) bis(2-Chloroethyl)ether   | 6.734  | 93   | 552102   | 42.315 | ng    |          | 94                               |
| 12) 1,3-Dichlorobenzene       | 6.945  | 146  | 545617   | 43.369 | ng    |          | 97                               |
| 13) 1,4-Dichlorobenzene       | 7.022  | 146  | 546990   | 43.543 | ng    |          | 98                               |
| 14) 1,2-Dichlorobenzene       | 7.175  | 146  | 514439   | 42.671 | ng    |          | 97                               |
| 15) Benzyl Alcohol            | 7.139  | 79   | 437427   | 38.528 | ng    |          | 96                               |
| 16) 2,2'-oxybis(1-Chloropr... | 7.269  | 45   | 660852   | 39.719 | ng    |          | 99                               |
| 17) 2-Methylphenol            | 7.251  | 107  | 400274   | 36.584 | ng    |          | 95                               |
| 18) Hexachloroethane          | 7.516  | 117  | 202375   | 41.236 | ng    |          | 96                               |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 314571   | 34.672 | ng    |          | 93                               |
| 20) 3+4-Methylphenols         | 7.404  | 107  | 454868   | 32.179 | ng    |          | 97                               |
| 22) Acetophenone              | 7.410  | 105  | 628697   | 41.349 | ng    | #        | 87                               |
| 24) Nitrobenzene              | 7.586  | 77   | 540248   | 39.746 | ng    |          | 99                               |
| 25) Isophorone                | 7.822  | 82   | 955956   | 39.232 | ng    |          | 100                              |
| 26) 2-Nitrophenol             | 7.898  | 139  | 256409   | 42.755 | ng    |          | 99                               |
| 27) 2,4-Dimethylphenol        | 7.933  | 122  | 392996   | 41.520 | ng    |          | 99                               |
| 28) bis(2-Chloroethoxy)met... | 8.028  | 93   | 583798   | 40.956 | ng    |          | 99                               |
| 29) 2,4-Dichlorophenol        | 8.145  | 162  | 375411   | 39.871 | ng    |          | 99                               |
| 30) 1,2,4-Trichlorobenzene    | 8.228  | 180  | 431478   | 42.202 | ng    |          | 97                               |
| 31) Naphthalene               | 8.310  | 128  | 1267312  | 41.055 | ng    |          | 99                               |
| 32) Benzoic acid              | 8.039  | 122  | 247891   | 34.415 | ng    |          | 96                               |
| 33) 4-Chloroaniline           | 8.357  | 127  | 213991   | 16.177 | ng    | #        | 92                               |
| 34) Hexachlorobutadiene       | 8.422  | 225  | 276872   | 42.616 | ng    |          | 99                               |
| 35) Caprolactam               | 8.722  | 113  | 114424m  | 36.862 | ng    |          |                                  |
| 36) 4-Chloro-3-methylphenol   | 8.833  | 107  | 369038   | 35.689 | ng    |          | 95                               |
| 37) 2-Methylnaphthalene       | 9.004  | 142  | 785261   | 37.328 | ng    |          | 99                               |
| 38) 1-Methylnaphthalene       | 9.104  | 142  | 723754   | 36.814 | ng    |          | 99                               |
| 40) 1,2,4,5-Tetrachloroben... | 9.169  | 216  | 406206   | 46.895 | ng    |          | 99                               |
| 41) Hexachlorocyclopentadiene | 9.151  | 237  | 183878   | 39.138 | ng    |          | 99                               |
| 43) 2,4,6-Trichlorophenol     | 9.280  | 196  | 258108   | 43.969 | ng    |          | 98                               |

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 QLast Update : Fri Feb 24 23:17:30 2023  
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Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                |
|-------------------------------|--------|------|----------|--------|-------|----------|--------------------------------|
| 44) 2,4,5-Trichlorophenol     | 9.322  | 196  | 262720   | 38.346 | ng    | 96       | 03/06/2023                     |
| 46) 1,1'-Biphenyl             | 9.463  | 154  | 919191   | 45.871 | ng    | 98       | Supervised By :Jagrut Upadhyay |
| 47) 2-Chloronaphthalene       | 9.492  | 162  | 716170   | 45.078 | ng    | 98       |                                |
| 48) 2-Nitroaniline            | 9.586  | 65   | 221140   | 37.793 | ng    | 93       |                                |
| 49) Acenaphthylene            | 9.910  | 152  | 1092635  | 43.213 | ng    | 100      |                                |
| 50) Dimethylphthalate         | 9.763  | 163  | 818144   | 42.441 | ng    | 99       |                                |
| 51) 2,6-Dinitrotoluene        | 9.827  | 165  | 177102   | 40.341 | ng    | 92       | 03/06/2023                     |
| 52) Acenaphthene              | 10.086 | 154  | 720993   | 44.905 | ng    | 98       |                                |
| 53) 3-Nitroaniline            | 9.998  | 138  | 149009   | 30.342 | ng    | 96       |                                |
| 54) 2,4-Dinitrophenol         | 10.110 | 184  | 87760    | 32.836 | ng    | # 88     |                                |
| 55) Dibenzofuran              | 10.257 | 168  | 1007400  | 43.039 | ng    | 98       |                                |
| 56) 4-Nitrophenol             | 10.163 | 139  | 265465   | 72.484 | ng    | # 84     |                                |
| 57) 2,4-Dinitrotoluene        | 10.233 | 165  | 224042   | 38.360 | ng    | 96       |                                |
| 58) Fluorene                  | 10.598 | 166  | 791735   | 44.221 | ng    | 99       |                                |
| 59) 2,3,4,6-Tetrachlorophenol | 10.374 | 232  | 199850   | 39.268 | ng    | 97       |                                |
| 60) Diethylphthalate          | 10.463 | 149  | 745761   | 39.611 | ng    | 100      |                                |
| 61) 4-Chlorophenyl-phenyle... | 10.586 | 204  | 368928   | 39.721 | ng    | 95       |                                |
| 62) 4-Nitroaniline            | 10.616 | 138  | 150934   | 31.310 | ng    | 90       |                                |
| 63) Azobenzene                | 10.751 | 77   | 743163   | 37.272 | ng    | 96       |                                |
| 65) 4,6-Dinitro-2-methylph... | 10.645 | 198  | 64664    | 21.202 | ng    | 93       |                                |
| 66) n-Nitrosodiphenylamine    | 10.704 | 169  | 612894   | 43.635 | ng    | 99       |                                |
| 67) 4-Bromophenyl-phenylether | 11.080 | 248  | 217637   | 42.705 | ng    | 98       |                                |
| 68) Hexachlorobenzene         | 11.151 | 284  | 237901   | 44.364 | ng    | 95       |                                |
| 69) Atrazine                  | 11.233 | 200  | 196374   | 44.784 | ng    | 99       |                                |
| 70) Pentachlorophenol         | 11.351 | 266  | 256563   | 80.415 | ng    | 99       |                                |
| 71) Phenanthrene              | 11.574 | 178  | 1540406  | 65.999 | ng    | 99       |                                |
| 72) Anthracene                | 11.621 | 178  | 1136878  | 47.301 | ng    | 99       |                                |
| 73) Carbazole                 | 11.774 | 167  | 974652   | 44.977 | ng    | 99       |                                |
| 74) Di-n-butylphthalate       | 12.098 | 149  | 1062727  | 41.808 | ng    | 99       |                                |
| 75) Fluoranthene              | 12.774 | 202  | 1884711  | 73.866 | ng    | 98       |                                |
| 77) Benzidine                 | 12.886 | 184  | 596612   | 60.604 | ng    | 100      |                                |
| 78) Pyrene                    | 13.004 | 202  | 1853299  | 50.406 | ng    | 100      |                                |
| 80) Butylbenzylphthalate      | 13.610 | 149  | 537015   | 37.012 | ng    | 98       |                                |
| 81) Benzo(a)anthracene        | 14.198 | 228  | 1625132  | 53.708 | ng    | 96       |                                |
| 82) 3,3'-Dichlorobenzidine    | 14.157 | 252  | 384801   | 43.135 | ng    | 98       |                                |
| 83) Chrysene                  | 14.239 | 228  | 1536735  | 54.310 | ng    | 99       |                                |
| 84) Bis(2-ethylhexyl)phtha... | 14.168 | 149  | 722900   | 40.558 | ng    | 99       |                                |
| 85) Di-n-octyl phthalate      | 14.792 | 149  | 1377216  | 52.876 | ng    | 98       |                                |
| 87) Indeno(1,2,3-cd)pyrene    | 17.368 | 276  | 1085168  | 39.772 | ng    | 99       |                                |
| 88) Benzo(b)fluoranthene      | 15.304 | 252  | 1623729  | 58.188 | ng    | 98       |                                |
| 89) Benzo(k)fluoranthene      | 15.333 | 252  | 1370426  | 50.180 | ng    | 99       |                                |
| 90) Benzo(a)pyrene            | 15.704 | 252  | 1283077  | 49.128 | ng    | 99       |                                |
| 91) Dibenzo(a,h)anthracene    | 17.386 | 278  | 815854   | 36.700 | ng    | 99       |                                |
| 92) Benzo(g,h,i)perylene      | 17.862 | 276  | 858361   | 34.632 | ng    | 99       |                                |

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

## Manual Integrations APPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 24 23:17:30 2023  
Response via : Initial Calibration



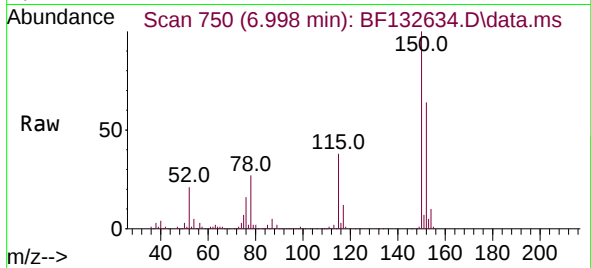


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.998 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

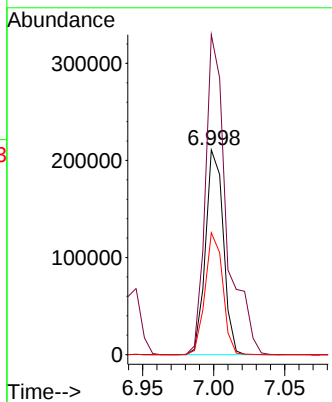
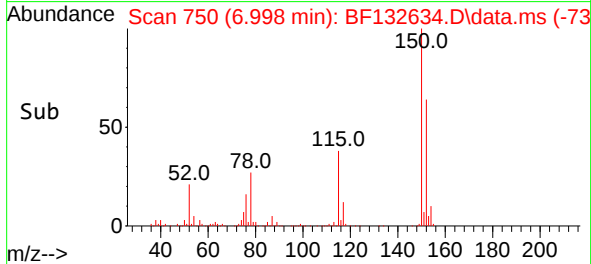
ClientSampleId :



Tgt Ion:152 Resp: 183325  
Ion Ratio Lower Upper  
152 100  
150 156.3 125.4 188.2  
115 59.5 47.8 71.6

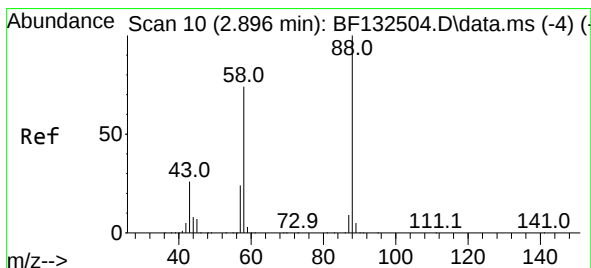
Manual Integrations  
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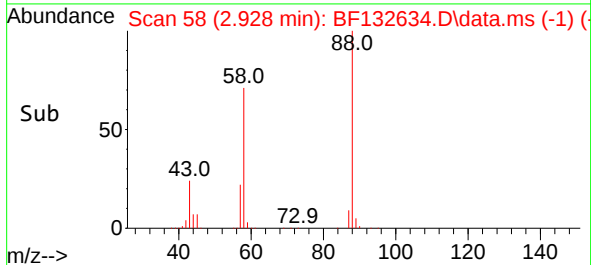
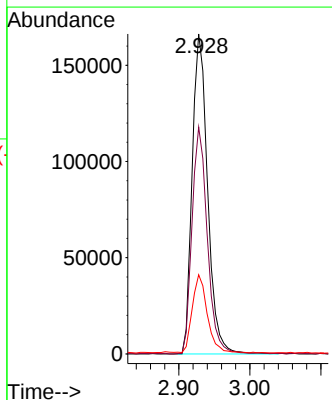
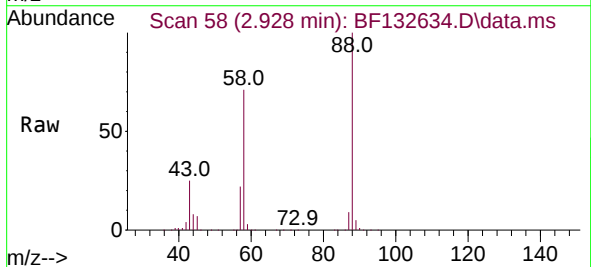
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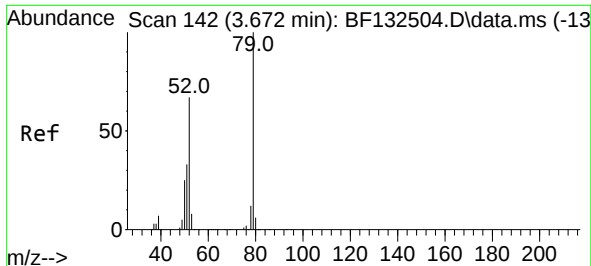
03/06/2023



#2  
1,4-Dioxane  
Concen: 40.120 ng  
RT: 2.928 min Scan# 58  
Delta R.T. 0.044 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

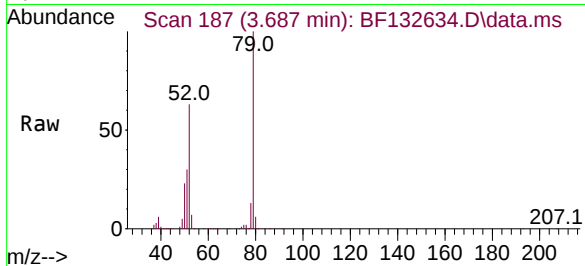
Tgt Ion: 88 Resp: 250683  
Ion Ratio Lower Upper  
88 100  
58 70.4 58.3 87.5  
43 23.8 20.7 31.1





#3  
 Pyridine  
 Concen: 38.508 ng  
 RT: 3.687 min Scan# 181  
 Delta R.T. 0.032 min  
 Lab File: BF132634.D  
 Acq: 03 Mar 2023 18:06

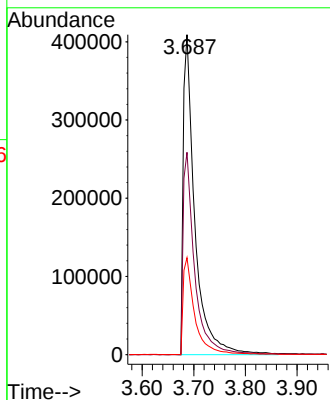
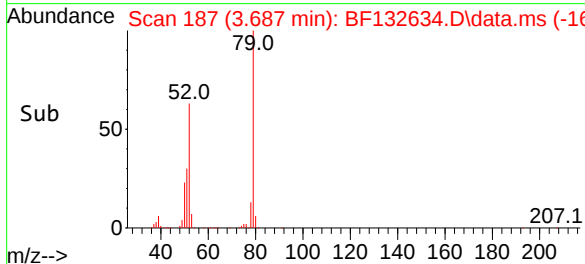
Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion: 79 Resp: 638675  
 Ion Ratio Lower Upper  
 79 100  
 52 63.2 53.7 80.5  
 51 30.3 26.6 40.0

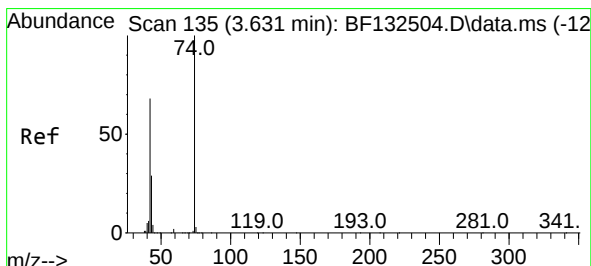
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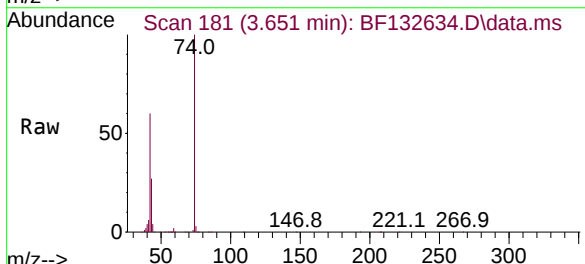


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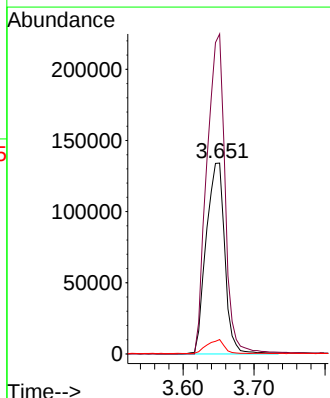
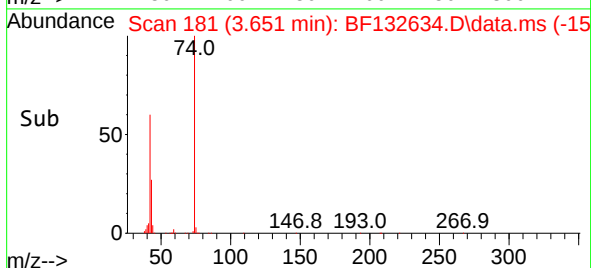
03/06/2023



#4  
 n-Nitrosodimethylamine  
 Concen: 39.003 ng  
 RT: 3.651 min Scan# 181  
 Delta R.T. 0.026 min  
 Lab File: BF132634.D  
 Acq: 03 Mar 2023 18:06



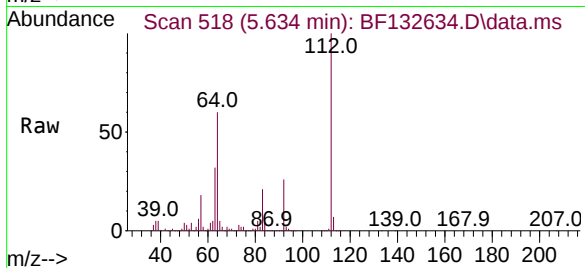
Tgt Ion: 42 Resp: 244345  
 Ion Ratio Lower Upper  
 42 100  
 74 167.7 118.2 177.2  
 44 7.5 5.3 7.9





#5  
2-Fluorophenol  
Concen: 98.479 ng  
RT: 5.634 min Scan# 518  
Delta R.T. 0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

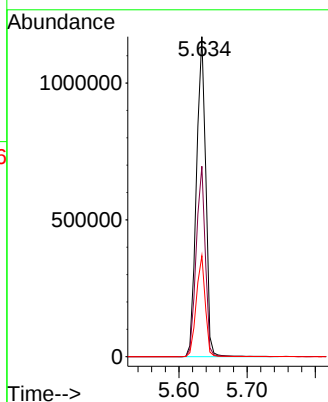
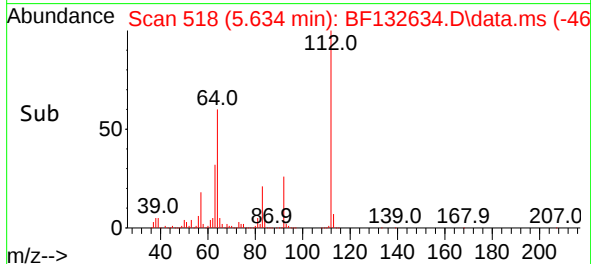
Instrument :  
BNA\_F  
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Tgt Ion: 112 Resp: 1112389  
Ion Ratio Lower Upper  
112 100  
64 59.5 51.6 77.4  
63 31.5 27.4 41.2

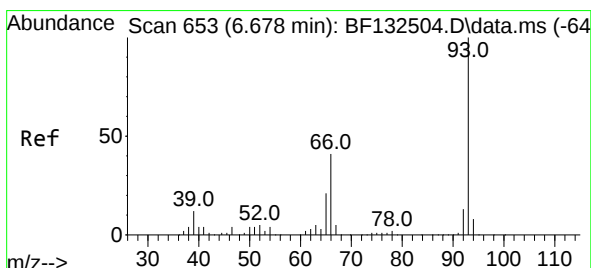
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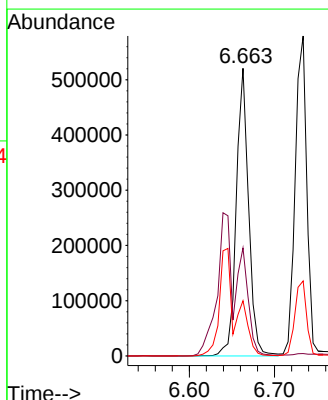
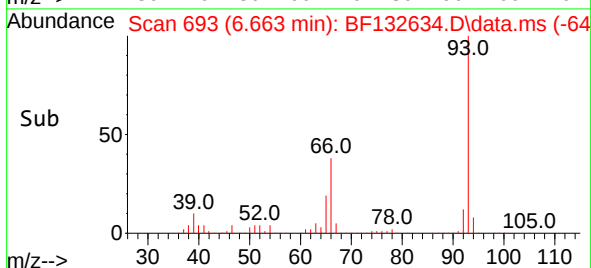
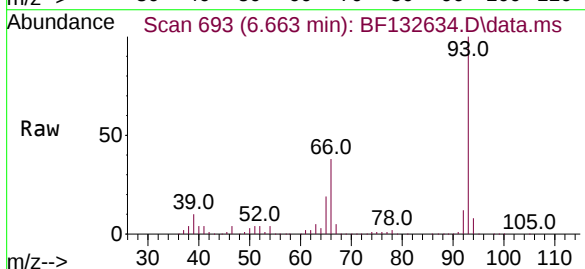
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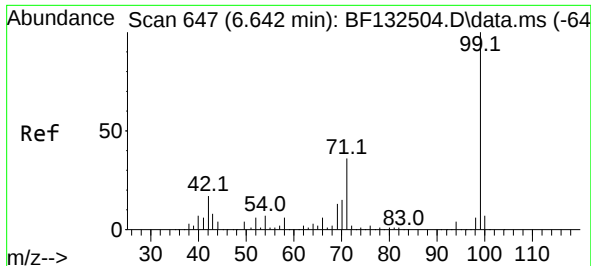
03/06/2023



#6  
Aniline  
Concen: 26.408 ng  
RT: 6.663 min Scan# 693  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

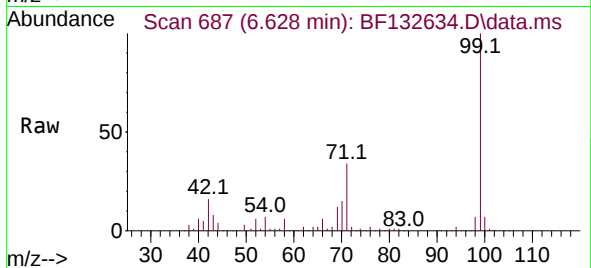
Tgt Ion: 93 Resp: 523914  
Ion Ratio Lower Upper  
93 100  
66 37.5 32.5 48.7  
65 19.2 16.6 24.8





#7  
Phenol-d6  
Concen: 92.796 ng  
RT: 6.628 min Scan# 687  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

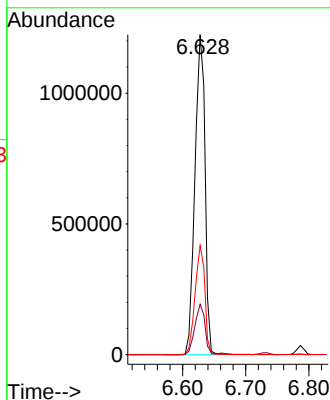
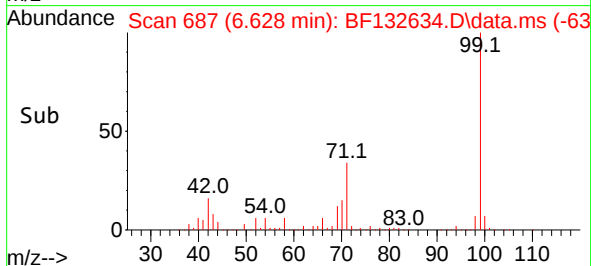
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 99 Resp: 136798  
Ion Ratio Lower Upper  
99 100  
42 15.7 13.9 20.9  
71 34.1 28.5 42.7

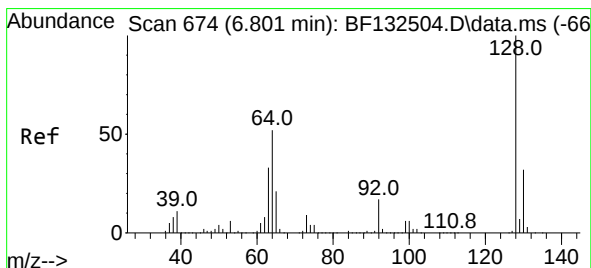
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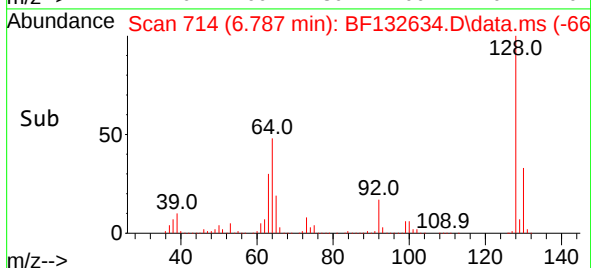
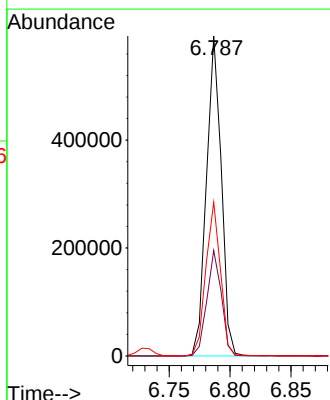
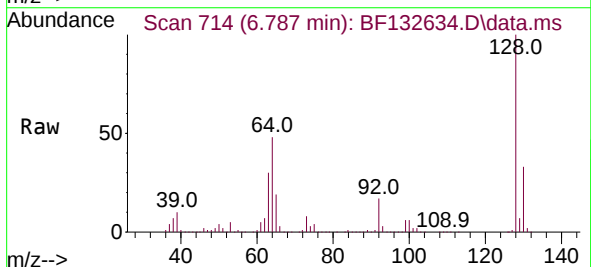
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#8  
2-Chlorophenol  
Concen: 42.891 ng  
RT: 6.787 min Scan# 714  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

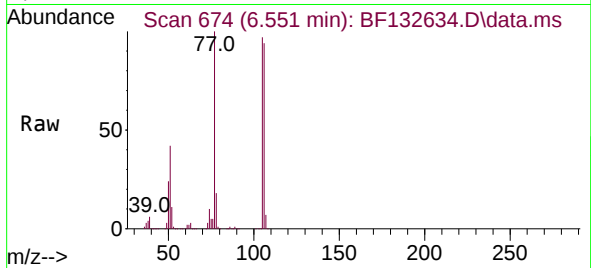
Tgt Ion:128 Resp: 502833  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.1 52.1  
64 48.0 32.0 72.0





#9  
Benzaldehyde  
Concen: 32.835 ng  
RT: 6.551 min Scan# 61  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

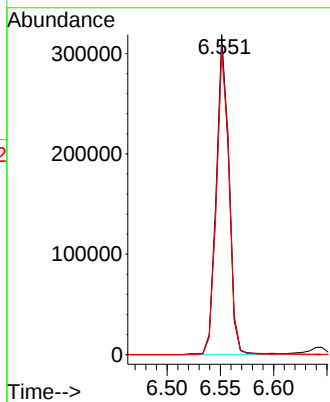
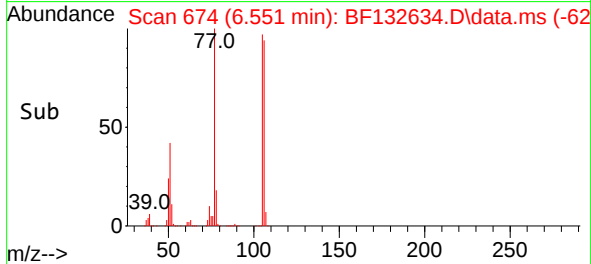
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 77 Resp: 261193  
Ion Ratio Lower Upper  
77 100  
105 97.2 77.9 117.9  
106 94.3 73.4 113.4

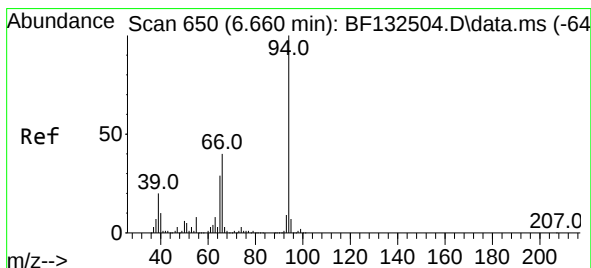
Manual Integrations  
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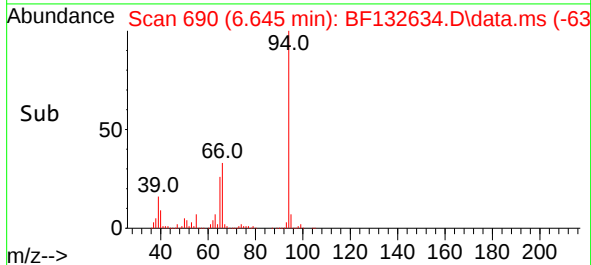
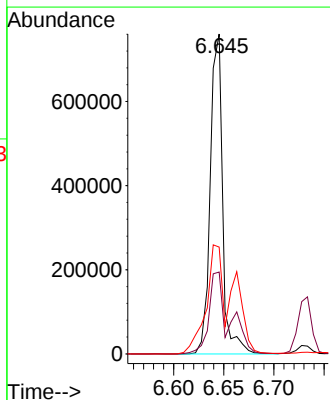
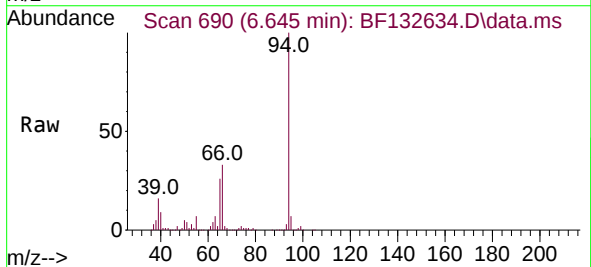
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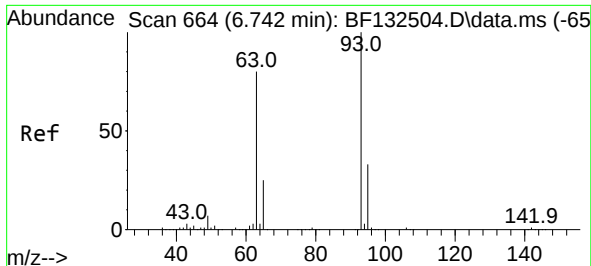
03/06/2023



#10  
Phenol  
Concen: 38.568 ng  
RT: 6.645 min Scan# 690  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

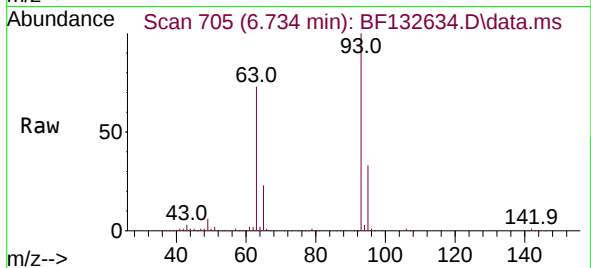
Tgt Ion: 94 Resp: 651844  
Ion Ratio Lower Upper  
94 100  
65 25.6 9.4 49.4  
66 33.4 19.8 59.8





#11  
bis(2-Chloroethyl)ether  
Concen: 42.315 ng  
RT: 6.734 min Scan# 705  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

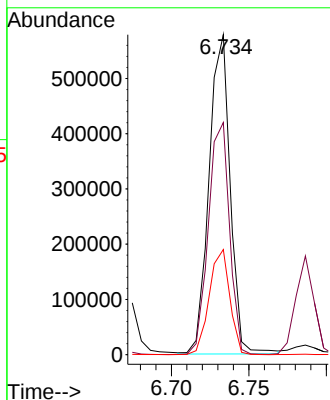
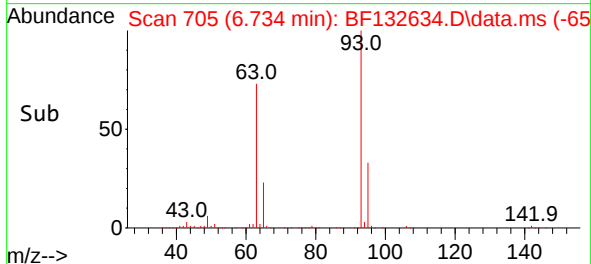
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 93 Resp: 552102  
Ion Ratio Lower Upper  
93 100  
63 72.5 59.6 99.6  
95 32.8 12.8 52.8

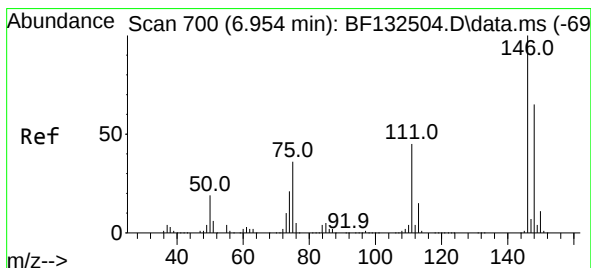
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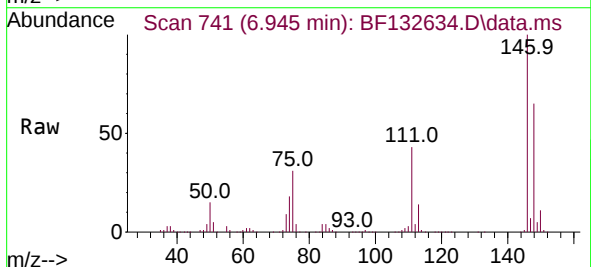


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Supervised By :Jagrut  
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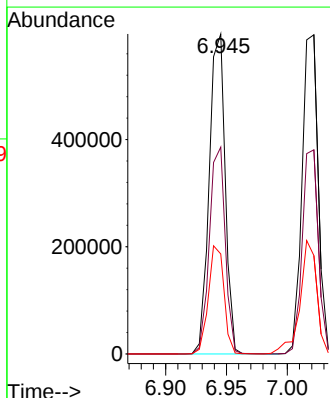
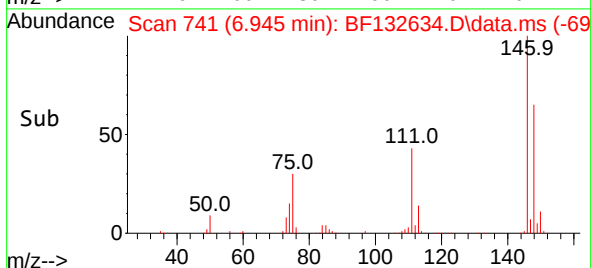
03/06/2023

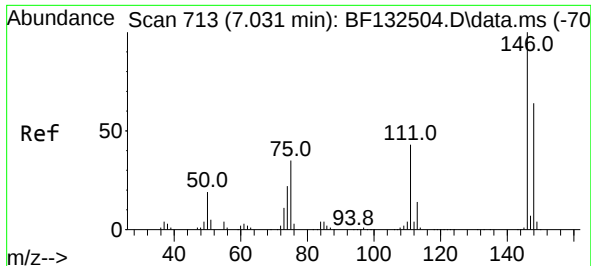


#12  
1,3-Dichlorobenzene  
Concen: 43.369 ng  
RT: 6.945 min Scan# 741  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



Tgt Ion:146 Resp: 545617  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.9 77.9  
75 31.2 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 43.543 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

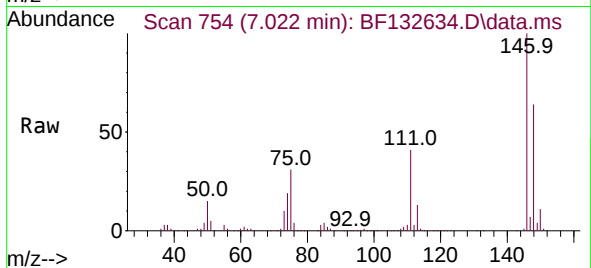
Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

ClientSampleId :

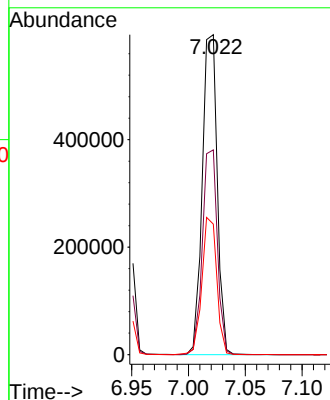


Tgt Ion:146 Resp: 546990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.0  | 51.1  | 76.7  |
| 111 | 40.8  | 34.8  | 52.2  |

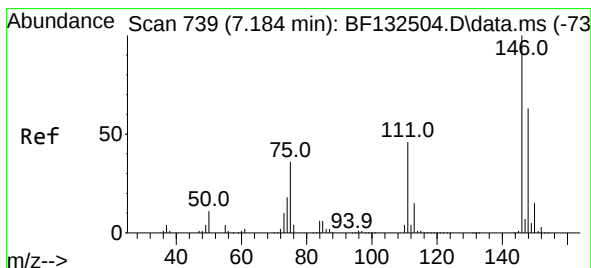
Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 42.671 ng

RT: 7.175 min Scan# 780

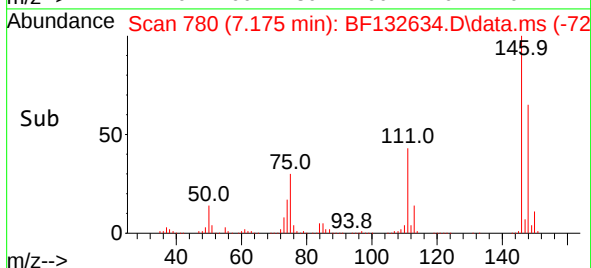
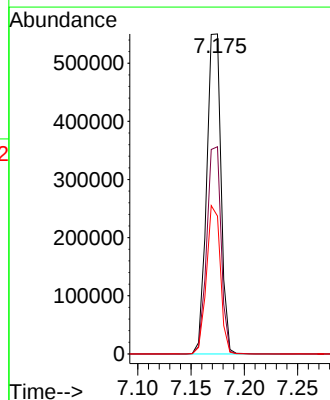
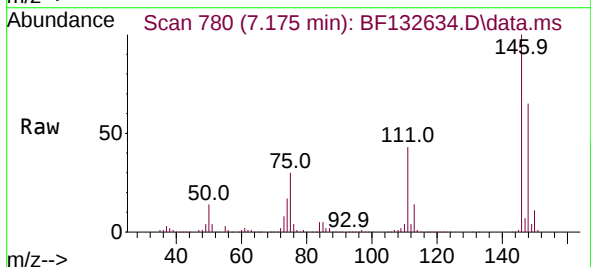
Delta R.T. -0.003 min

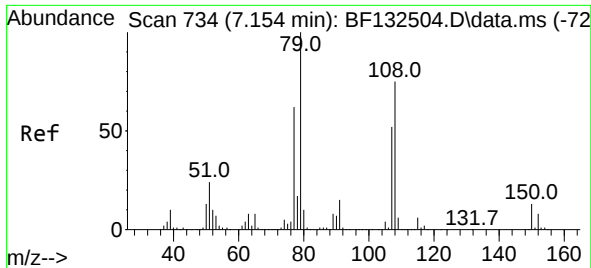
Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Tgt Ion:146 Resp: 514439

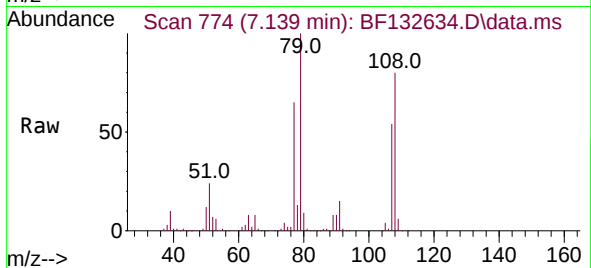
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.7  | 50.6  | 75.8  |
| 111 | 43.1  | 37.2  | 55.8  |





#15  
Benzyl Alcohol  
Concen: 38.528 ng  
RT: 7.139 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

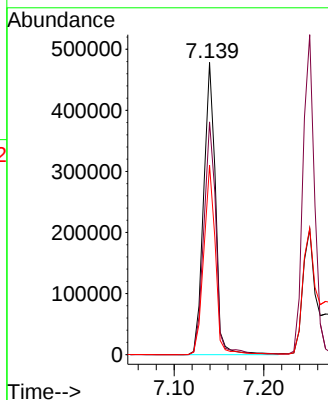
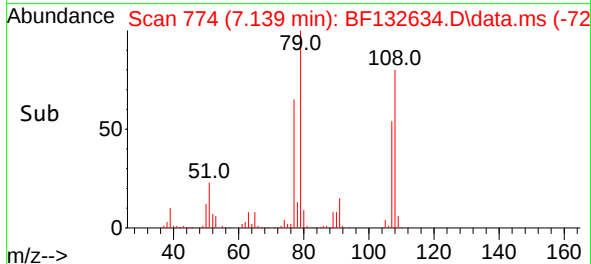
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 79 Resp: 43742  
Ion Ratio Lower Upper  
79 100  
108 79.7 60.2 90.4  
77 64.8 49.9 74.9

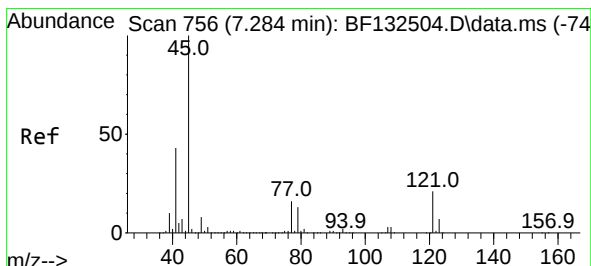
Manual Integrations  
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Giraldo



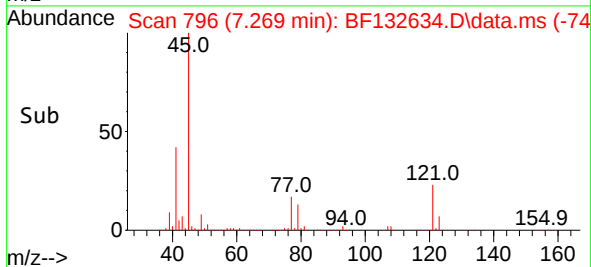
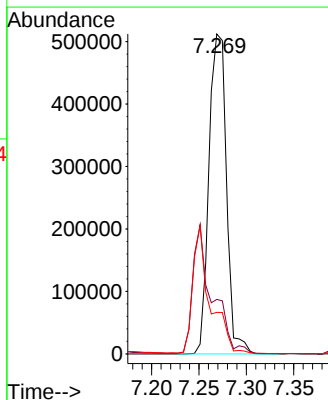
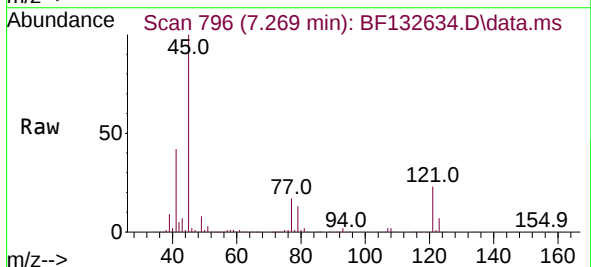
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Upadhyay

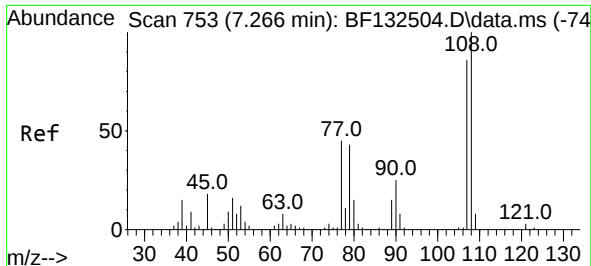
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.719 ng  
RT: 7.269 min Scan# 796  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion: 45 Resp: 660852  
Ion Ratio Lower Upper  
45 100  
77 17.0 0.0 36.4  
79 13.0 0.0 33.4



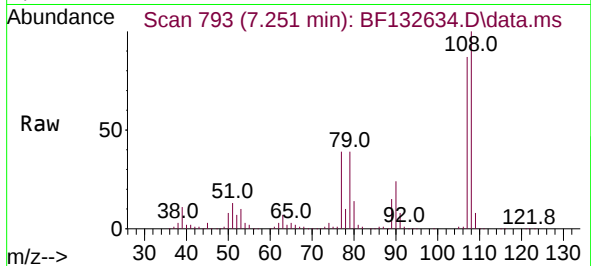


#17  
2-Methylphenol  
Concen: 36.584 ng  
RT: 7.251 min Scan# 793  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

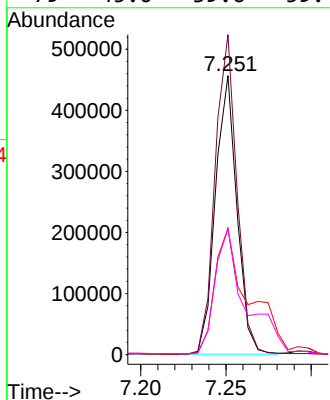
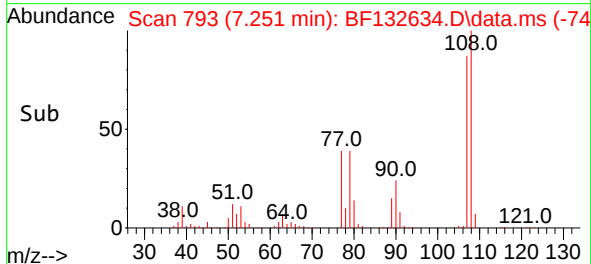
ClientSampleId :



Tgt Ion:107 Resp: 400274  
Ion Ratio Lower Upper  
107 100  
108 114.7 93.0 139.4  
77 45.3 42.1 63.1  
79 45.0 39.6 59.4

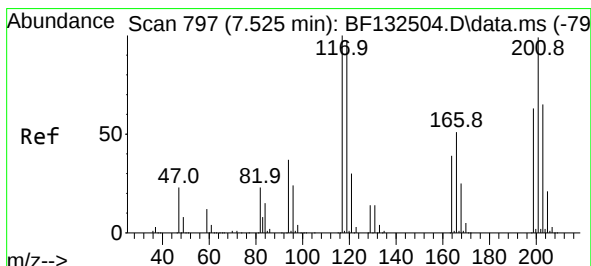
Manual Integrations  
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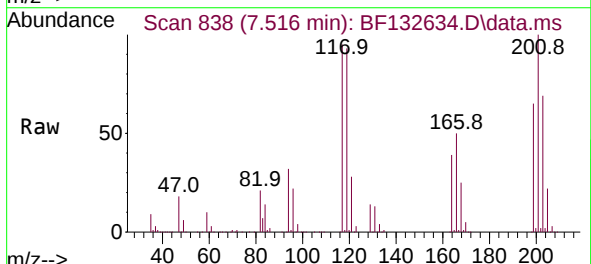


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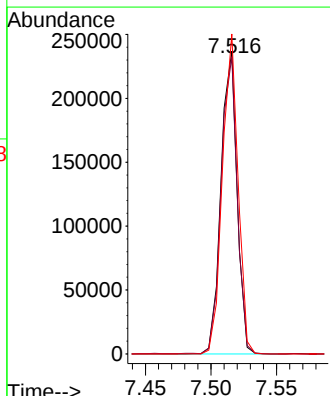
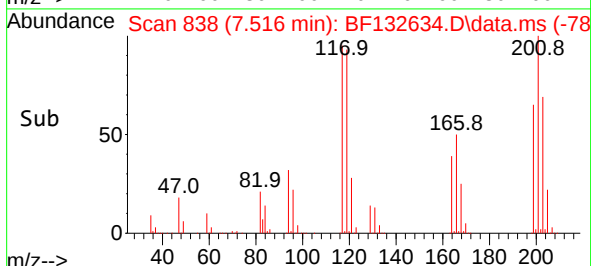
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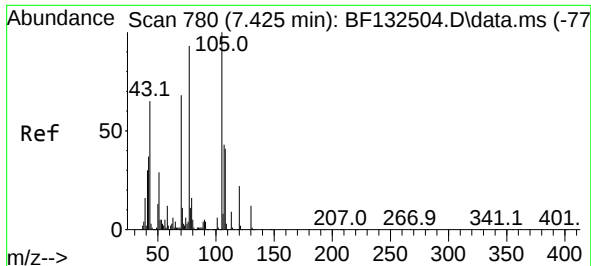


#18  
Hexachloroethane  
Concen: 41.236 ng  
RT: 7.516 min Scan# 838  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



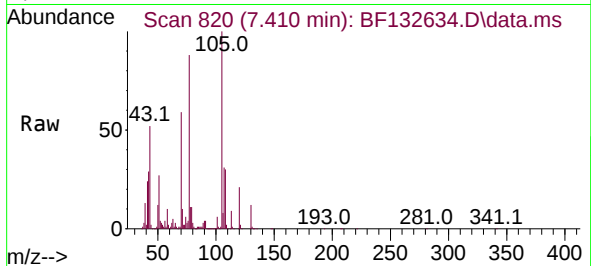
Tgt Ion:117 Resp: 202375  
Ion Ratio Lower Upper  
117 100  
119 98.2 78.0 117.0  
201 105.7 79.0 118.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 34.672 ng  
RT: 7.410 min Scan# 819  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

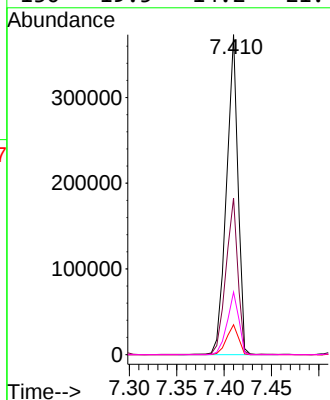
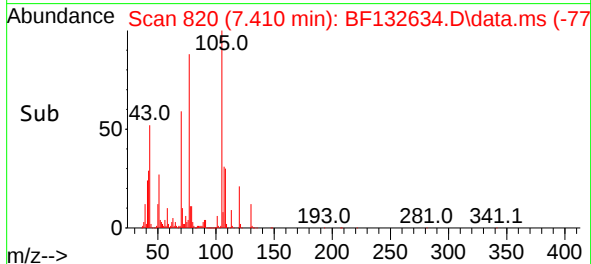
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 70 Resp: 314571  
Ion Ratio Lower Upper  
70 100  
42 48.9 44.1 66.1  
101 9.3 7.4 11.2  
130 19.5 14.2 21.4

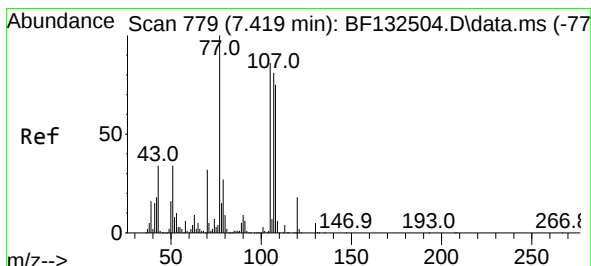
Manual Integrations  
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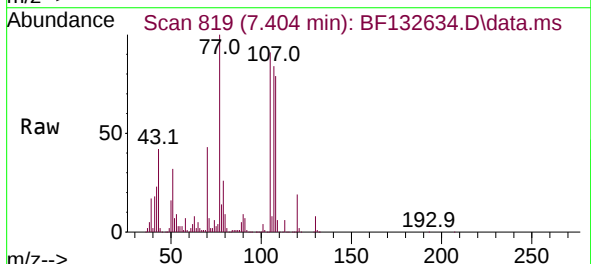


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Supervised By :Jagrut  
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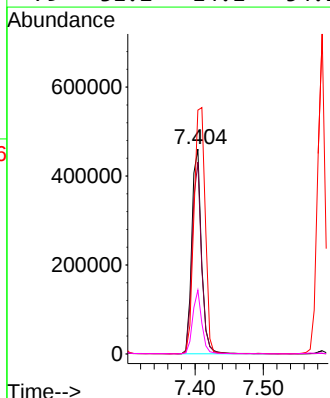
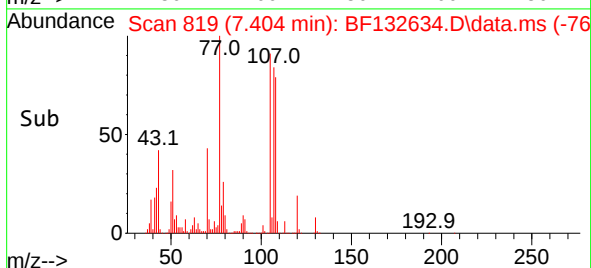
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#20  
3+4-Methylphenols  
Concen: 32.179 ng  
RT: 7.404 min Scan# 819  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



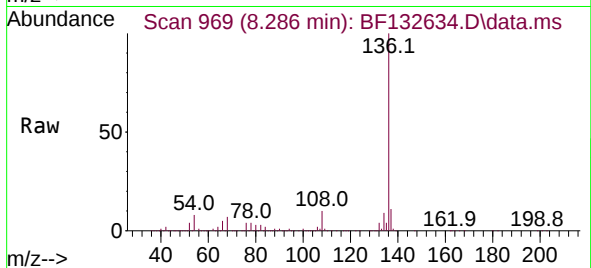
Tgt Ion:107 Resp: 454868  
Ion Ratio Lower Upper  
107 100  
108 93.6 72.6 112.6  
77 119.1 104.0 144.0  
79 31.2 14.1 54.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.286 min Scan# 90  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

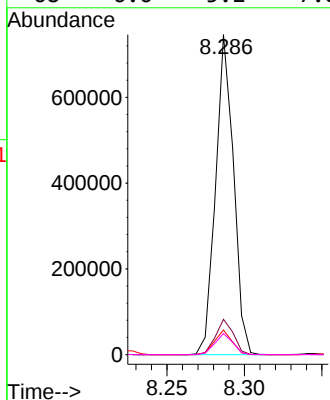
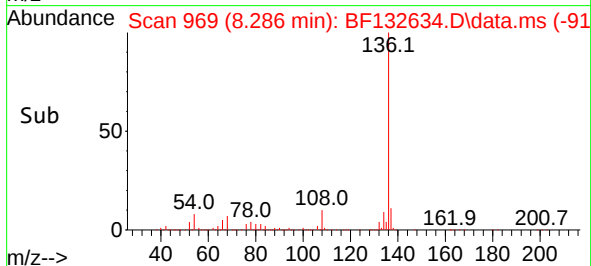
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:136 Resp: 602984  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.7 6.2 9.4  
68 6.6 5.2 7.8

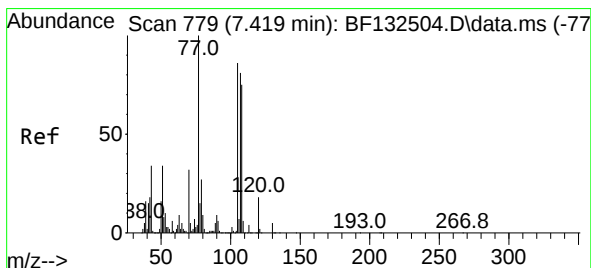
Manual Integrations  
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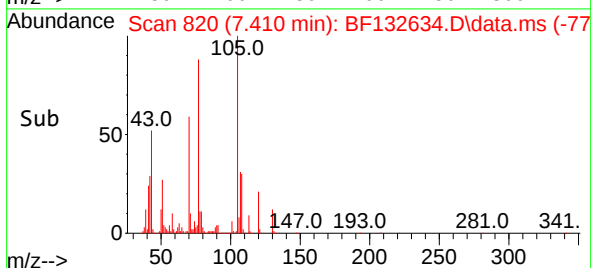
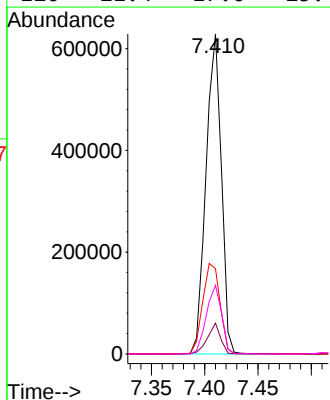
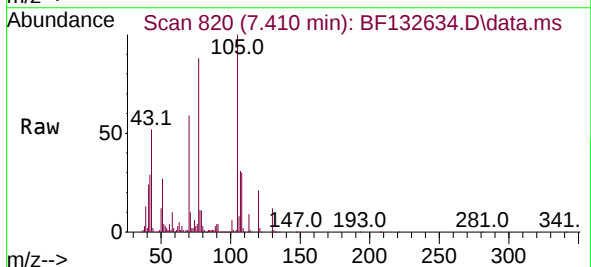
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Supervised By :Jagrut  
Upadhyay

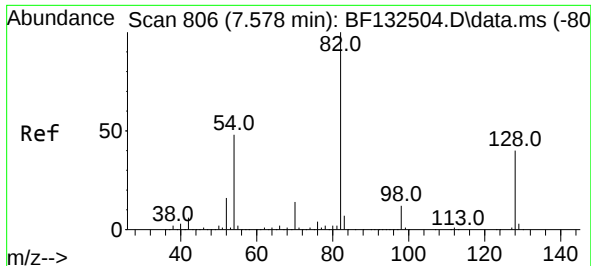
03/06/2023



#22  
Acetophenone  
Concen: 41.349 ng  
RT: 7.410 min Scan# 820  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:105 Resp: 628697  
Ion Ratio Lower Upper  
105 100  
71 9.6 5.0 7.4#  
51 26.6 31.5 47.3#  
120 21.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 68.661 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

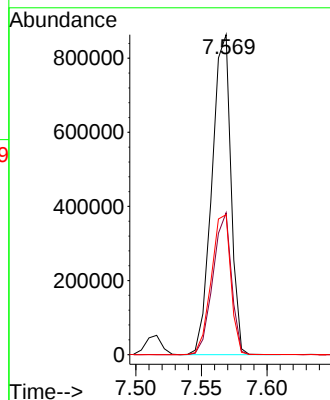
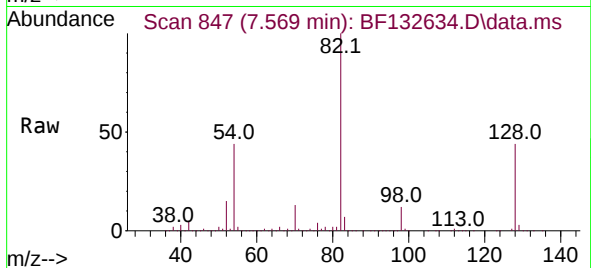
BNA\_F

ClientSampleId :

Tgt Ion: 82 Resp: 872632  
 Ion Ratio Lower Upper  
 82 100  
 128 44.3 32.2 48.2  
 54 43.7 38.4 57.6

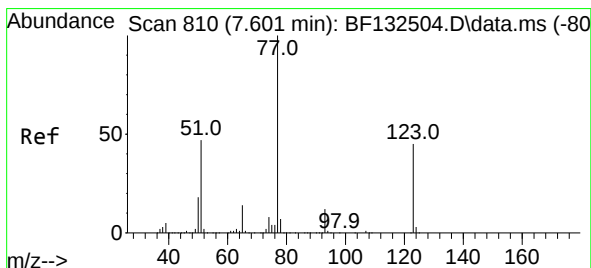
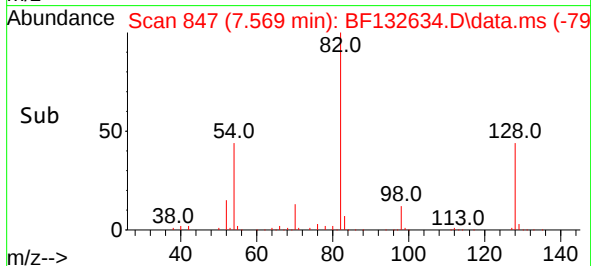
Manual Integrations  
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 Giraldo



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 Supervised By :Jagrut  
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#24

Nitrobenzene

Concen: 39.746 ng

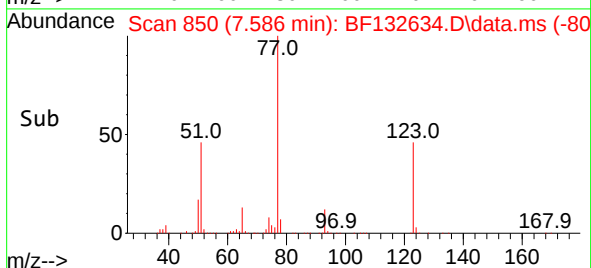
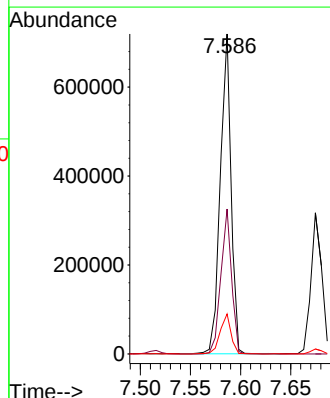
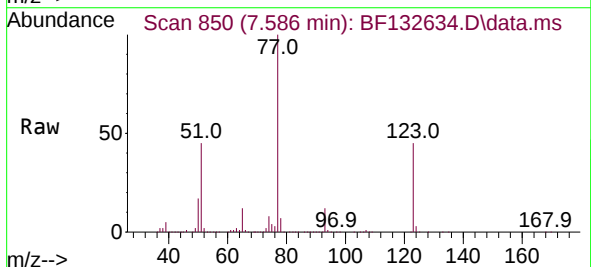
RT: 7.586 min Scan# 850

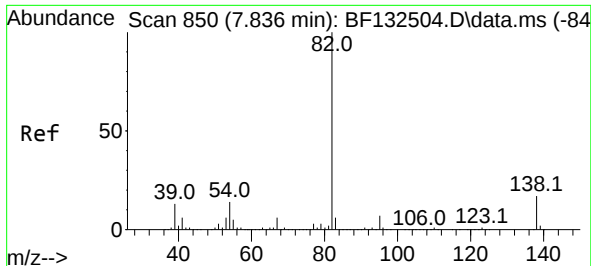
Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Tgt Ion: 77 Resp: 540248  
 Ion Ratio Lower Upper  
 77 100  
 123 45.3 35.8 53.6  
 65 12.5 10.9 16.3



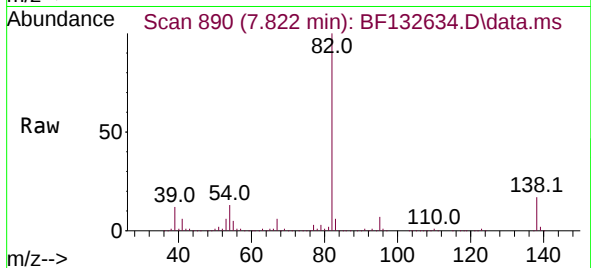


#25  
Isophorone  
Concen: 39.232 ng  
RT: 7.822 min Scan# 89  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

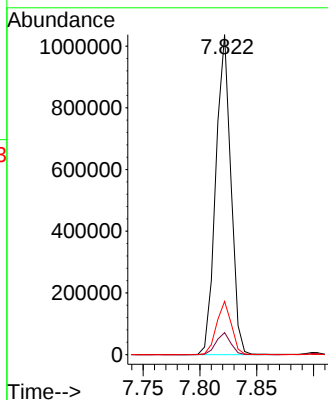
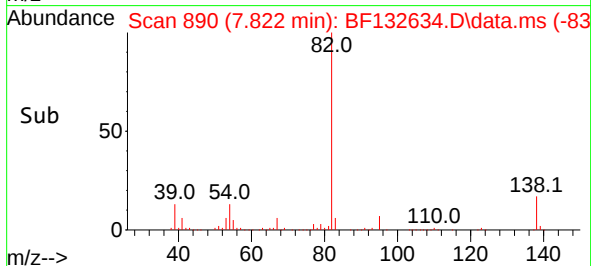
ClientSampleId :



Tgt Ion: 82 Resp: 955956  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 16.6 13.3 19.9

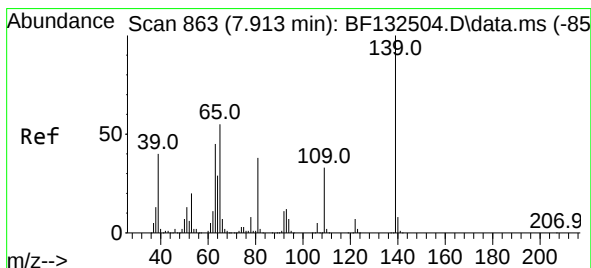
Manual Integrations  
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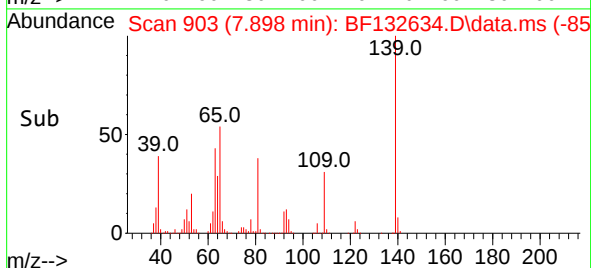
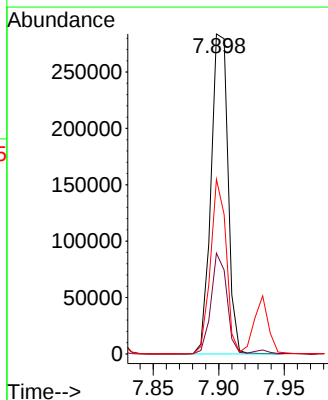
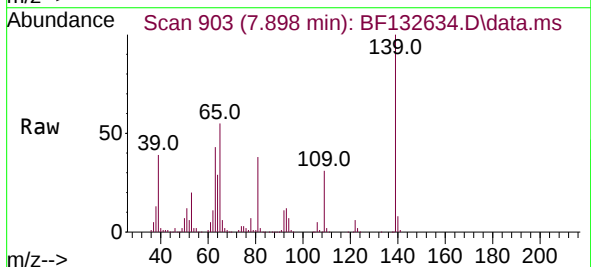
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Upadhyay

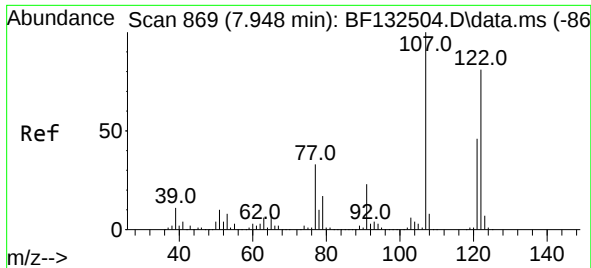
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#26  
2-Nitrophenol  
Concen: 42.755 ng  
RT: 7.898 min Scan# 903  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:139 Resp: 256409  
Ion Ratio Lower Upper  
139 100  
109 31.5 26.2 39.2  
65 54.6 43.8 65.8



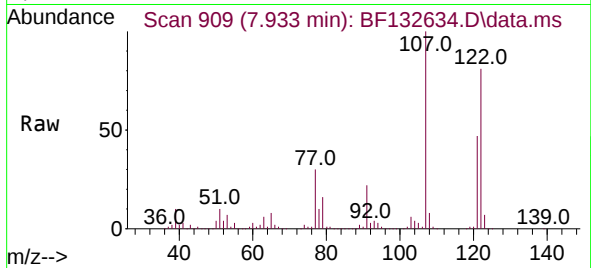


#27  
2,4-Dimethylphenol  
Concen: 41.520 ng  
RT: 7.933 min Scan# 90  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

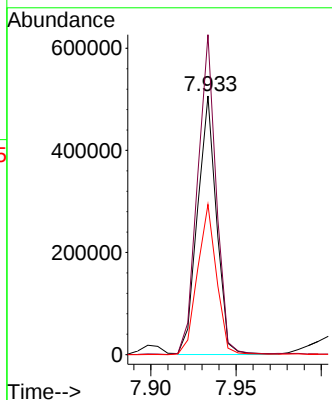
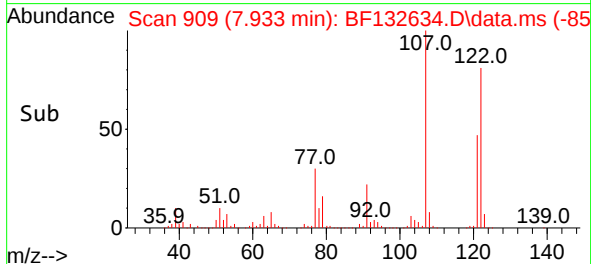
ClientSampleId :



Tgt Ion:122 Resp: 392996  
Ion Ratio Lower Upper  
122 100  
107 123.8 98.7 148.1  
121 58.1 45.8 68.6

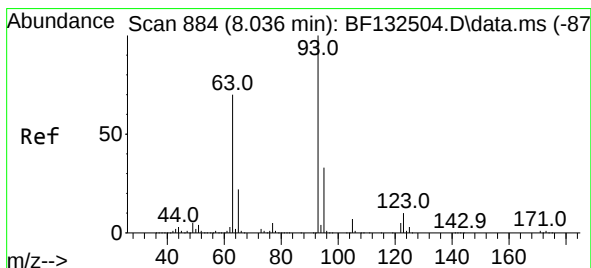
Manual Integrations  
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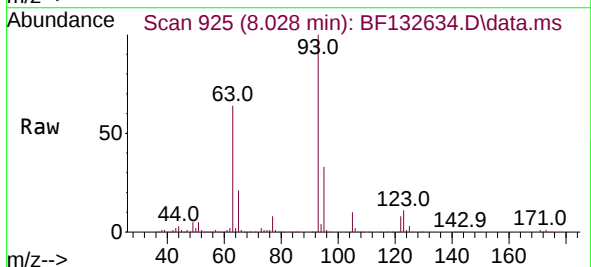


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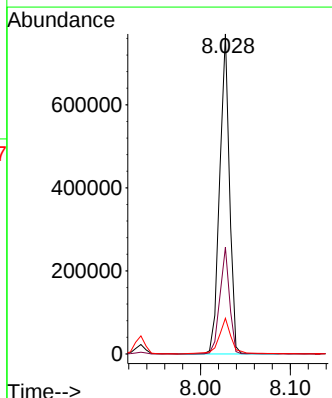
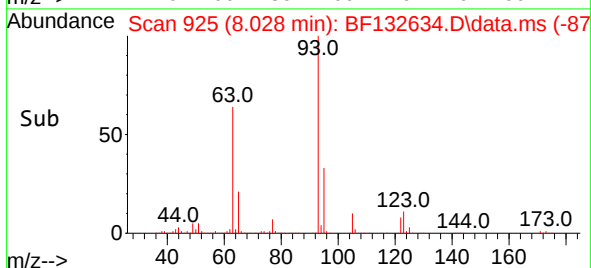
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#28  
bis(2-Chloroethoxy)methane  
Concen: 40.956 ng  
RT: 8.028 min Scan# 925  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



Tgt Ion: 93 Resp: 583798  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.3 39.5  
123 11.1 8.3 12.5



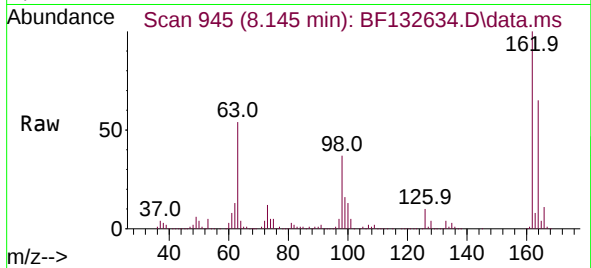


#29  
2,4-Dichlorophenol  
Concen: 39.871 ng  
RT: 8.145 min Scan# 945  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

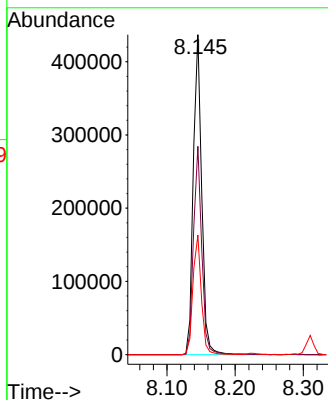
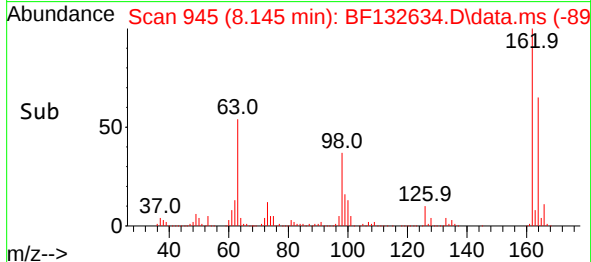
ClientSampleId :



Tgt Ion:162 Resp: 375411  
Ion Ratio Lower Upper  
162 100  
164 65.1 45.3 85.3  
98 37.3 17.9 57.9

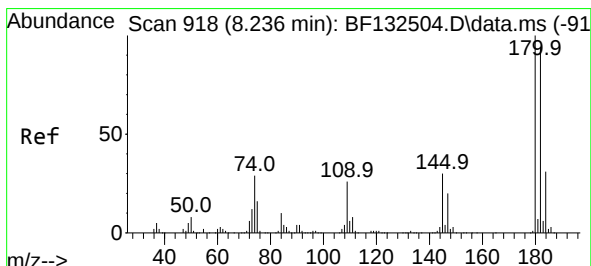
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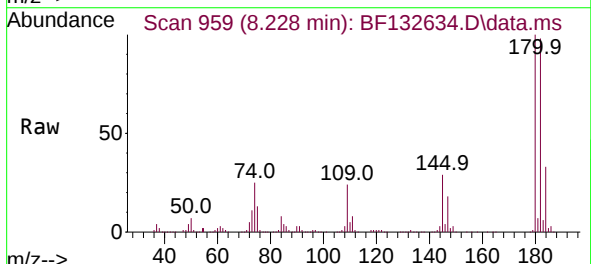


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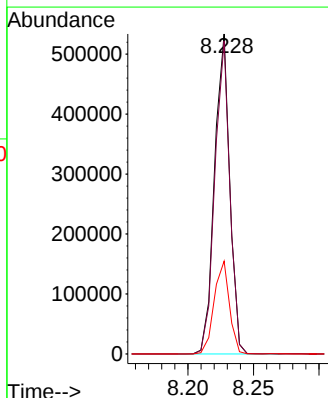
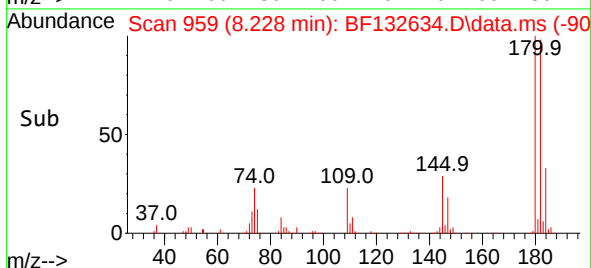
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#30  
1,2,4-Trichlorobenzene  
Concen: 42.202 ng  
RT: 8.228 min Scan# 959  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



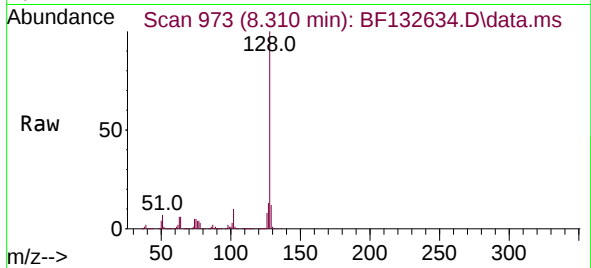
Tgt Ion:180 Resp: 431478  
Ion Ratio Lower Upper  
180 100  
182 97.8 75.1 112.7  
145 29.0 23.8 35.6





#31  
Naphthalene  
Concen: 41.055 ng  
RT: 8.310 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

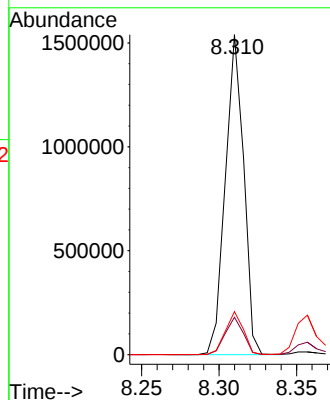
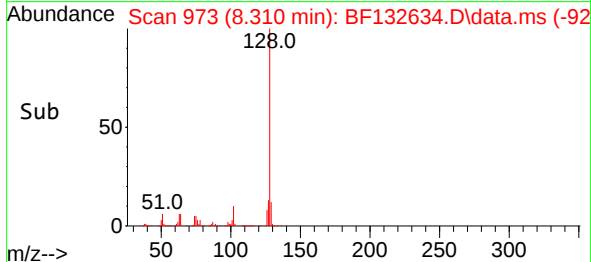
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:128 Resp: 1267312  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.1 13.7  
127 13.4 11.0 16.6

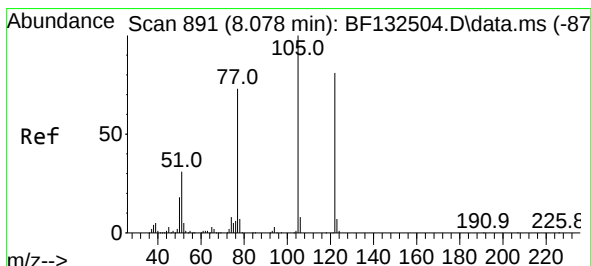
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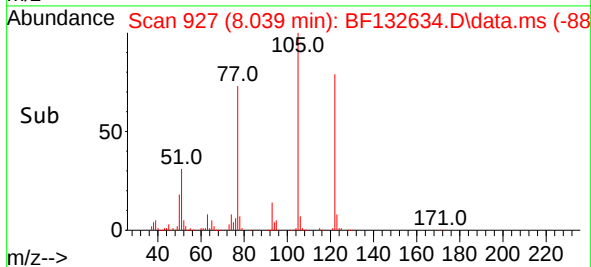
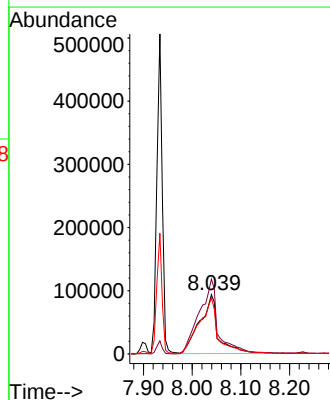
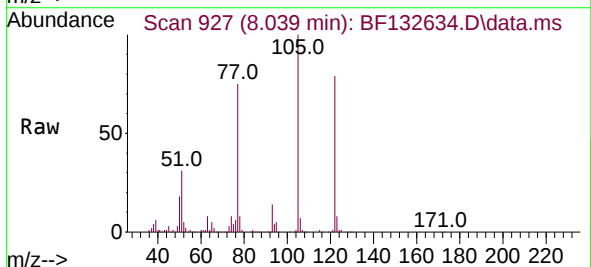
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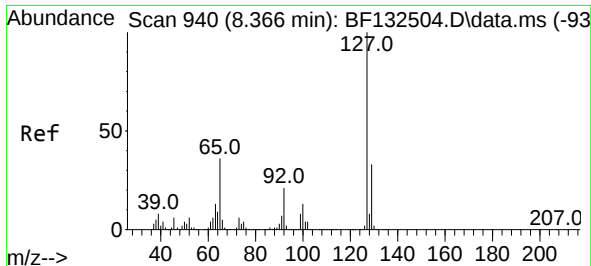
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#32  
Benzoic acid  
Concen: 34.415 ng  
RT: 8.039 min Scan# 927  
Delta R.T. -0.026 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:122 Resp: 247891  
Ion Ratio Lower Upper  
122 100  
105 126.2 102.6 142.6  
77 94.6 70.2 110.2



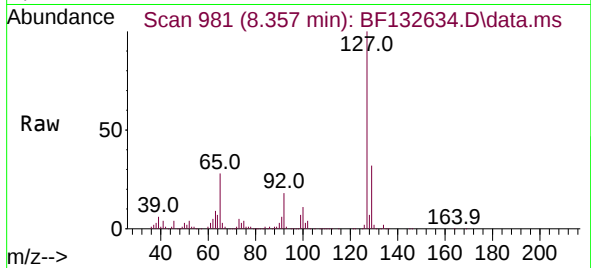


#33  
4-Chloroaniline  
Concen: 16.177 ng  
RT: 8.357 min Scan# 981  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

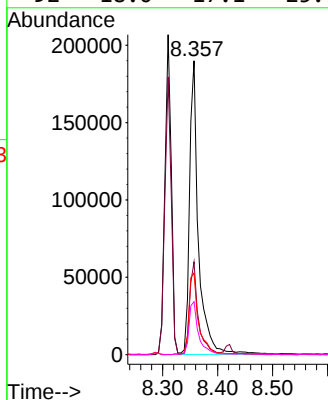
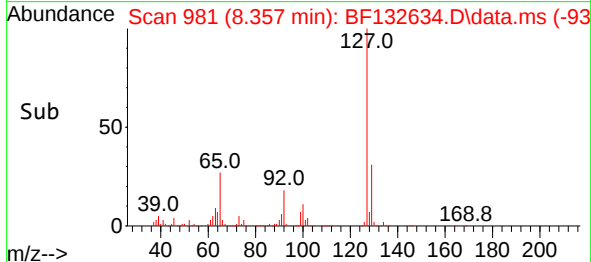
ClientSampleId :



Tgt Ion:127 Resp: 213991  
Ion Ratio Lower Upper  
127 100  
129 31.5 26.4 39.6  
65 27.8 28.8 43.2  
92 18.0 17.1 25.7

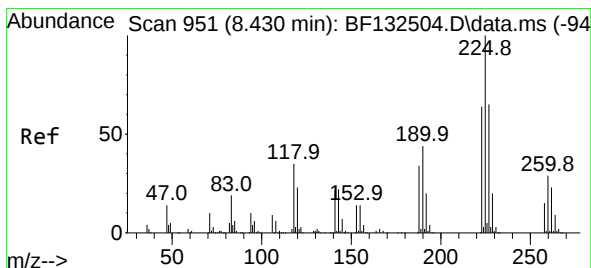
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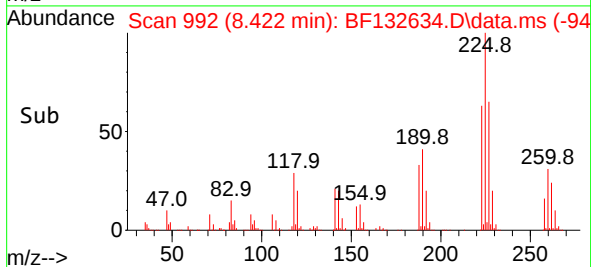
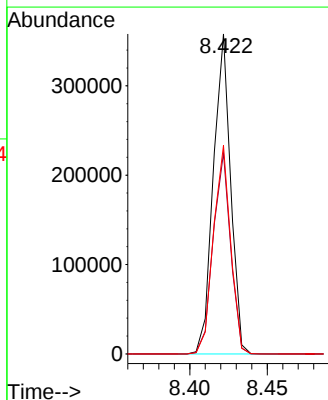
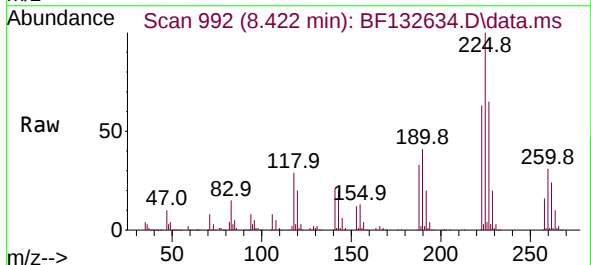
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Upadhyay

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#34  
Hexachlorobutadiene  
Concen: 42.616 ng  
RT: 8.422 min Scan# 992  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

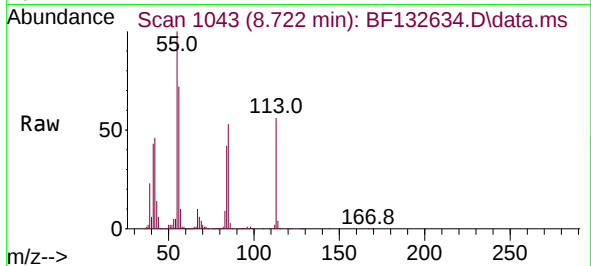
Tgt Ion:225 Resp: 276872  
Ion Ratio Lower Upper  
225 100  
223 62.8 51.0 76.4  
227 65.1 51.7 77.5





#35  
Caprolactam  
Concen: 36.862 ng m  
RT: 8.722 min Scan# 10  
Delta R.T. -0.021 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

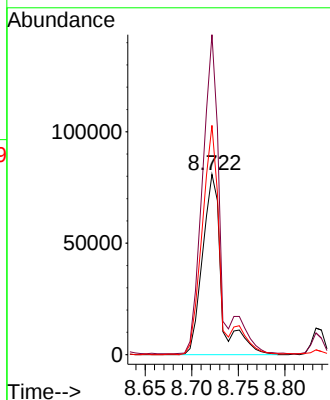
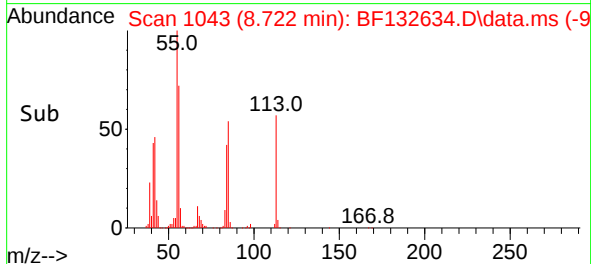
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:113 Resp: 114424  
Ion Ratio Lower Upper  
113 100  
55 177.6 149.4 189.4  
56 127.2 105.0 145.0

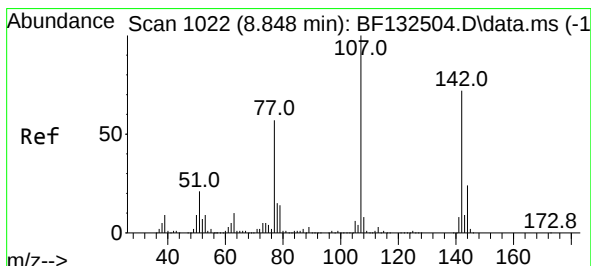
Manual Integrations  
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Reviewed By :Christian  
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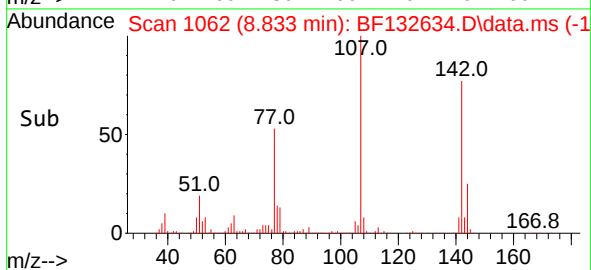
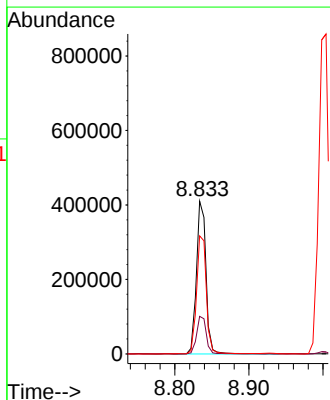
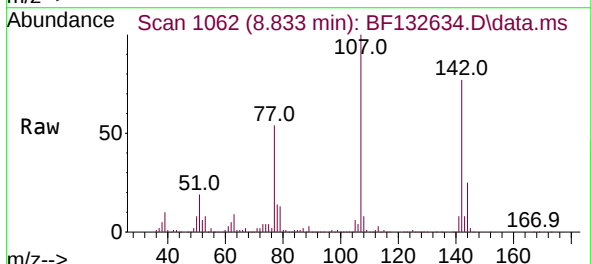
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Supervised By :Jagrut  
Upadhyay

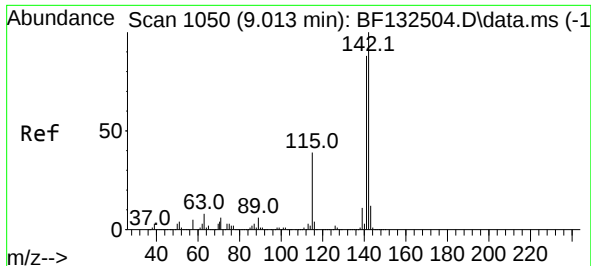
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#36  
4-Chloro-3-methylphenol  
Concen: 35.689 ng  
RT: 8.833 min Scan# 1062  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:107 Resp: 369038  
Ion Ratio Lower Upper  
107 100  
144 24.6 18.9 28.3  
142 77.3 57.9 86.9





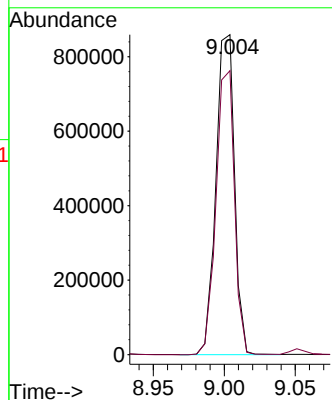
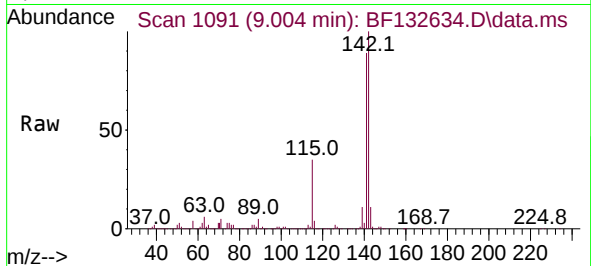
#37  
2-Methylnaphthalene  
Concen: 37.328 ng  
RT: 9.004 min Scan# 1108  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:142 Resp: 785263  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.2 105.2

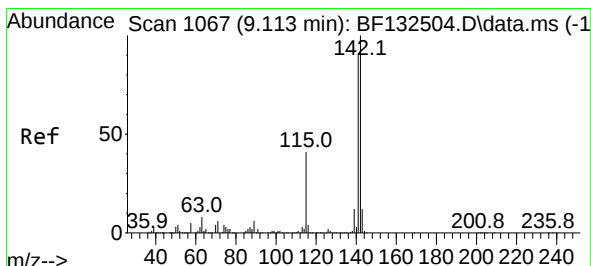
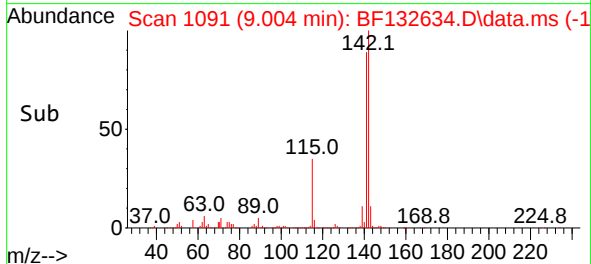
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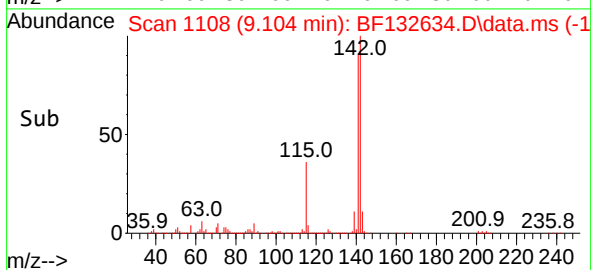
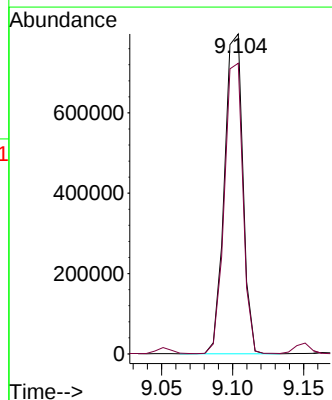
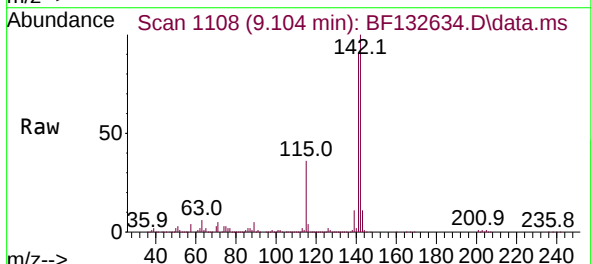
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Supervised By :Jagrut  
Upadhyay

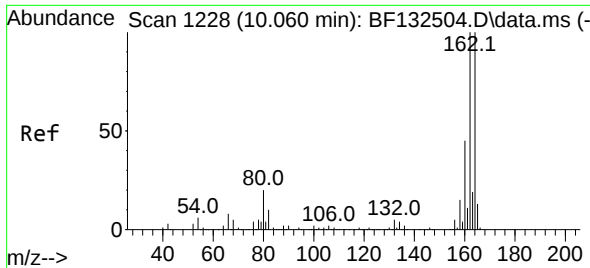
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#38  
1-Methylnaphthalene  
Concen: 36.814 ng  
RT: 9.104 min Scan# 1108  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

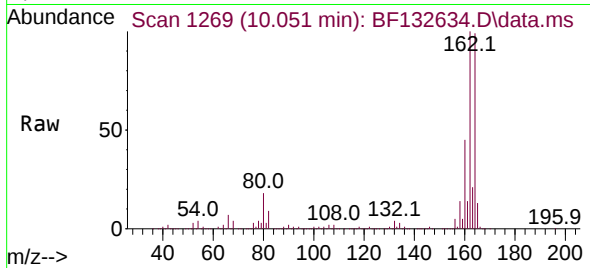
Tgt Ion:142 Resp: 723754  
Ion Ratio Lower Upper  
142 100  
141 90.8 73.0 109.6





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.051 min Scan# 1119  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

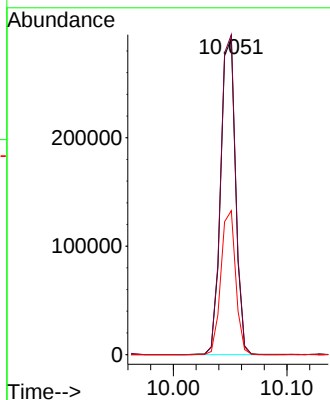
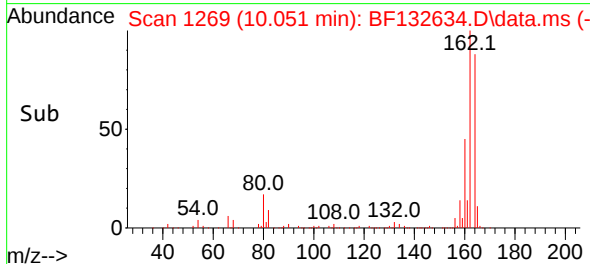
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:164 Resp: 264750  
Ion Ratio Lower Upper  
164 100  
162 101.2 79.8 119.8  
160 45.5 35.8 53.6

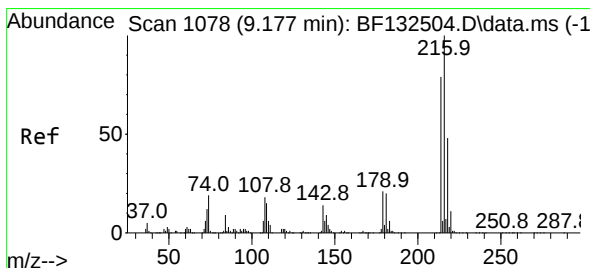
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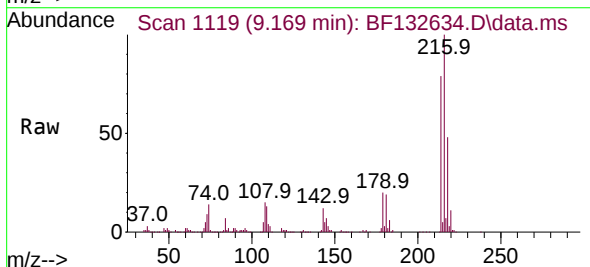


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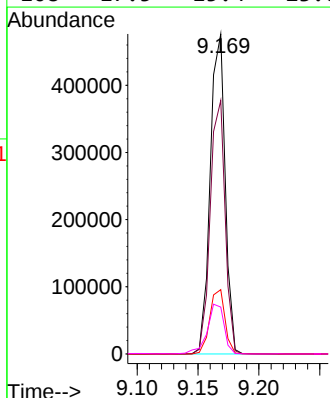
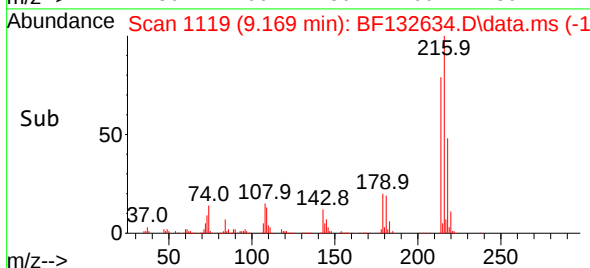
03/06/2023

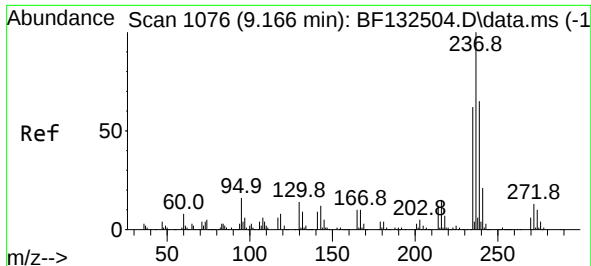


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.895 ng  
RT: 9.169 min Scan# 1119  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



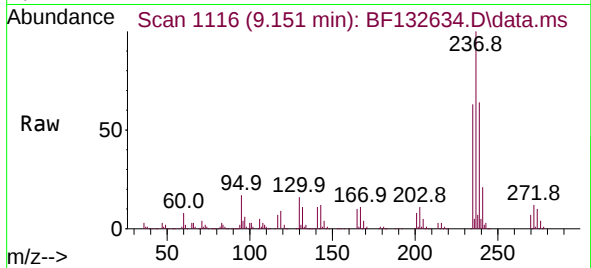
Tgt Ion:216 Resp: 406206  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.0 94.6  
179 20.4 16.6 24.8  
108 17.5 15.4 23.0





#41  
Hexachlorocyclopentadiene  
Concen: 39.138 ng  
RT: 9.151 min Scan# 1116  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

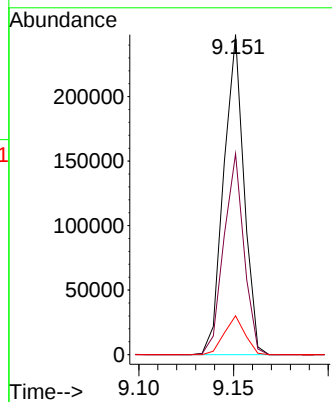
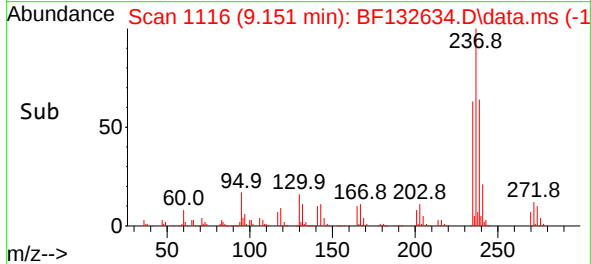
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:237 Resp: 183878  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.4 82.4  
272 12.1 0.0 32.7

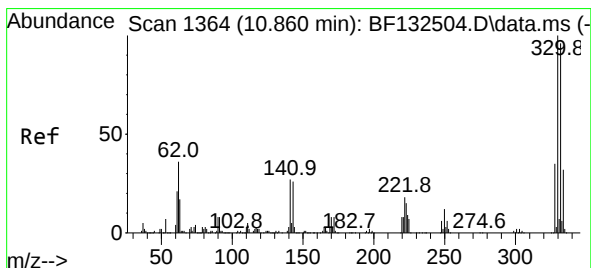
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

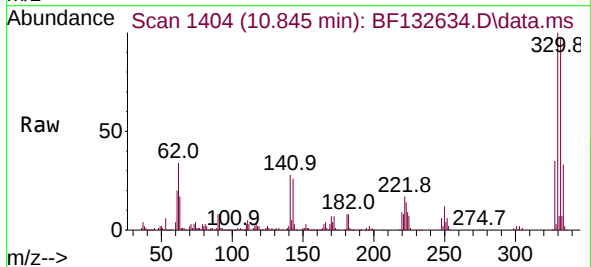


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Supervised By :Jagrut  
Upadhyay

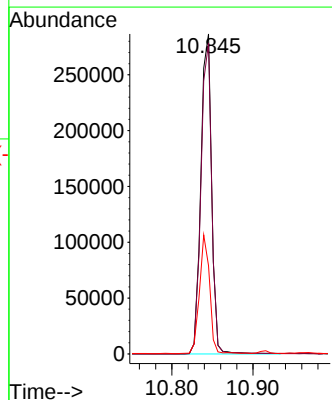
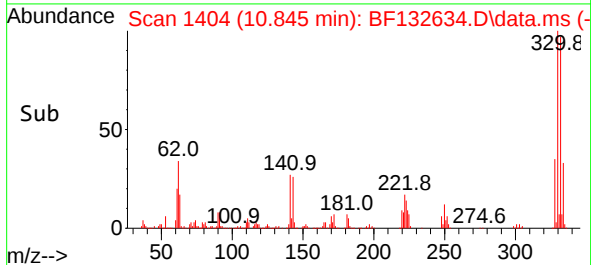
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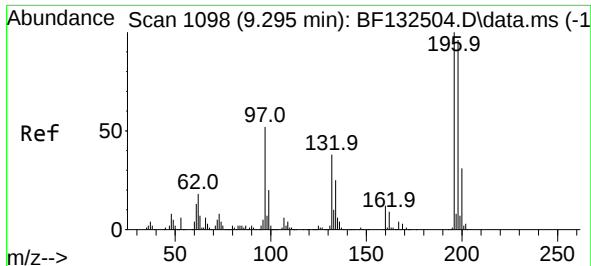


#42  
2,4,6-Tribromophenol  
Concen: 91.998 ng  
RT: 10.845 min Scan# 1404  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



Tgt Ion:330 Resp: 263039  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.2 114.4  
141 35.0 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 43.969 ng

RT: 9.280 min Scan# 1118

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:196 Resp: 258108

Ion Ratio Lower Upper

196 100

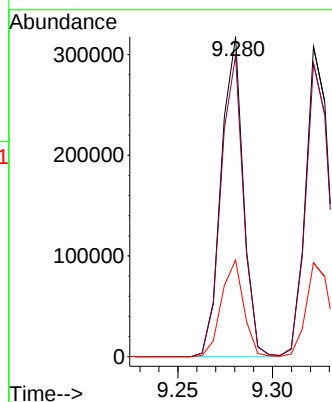
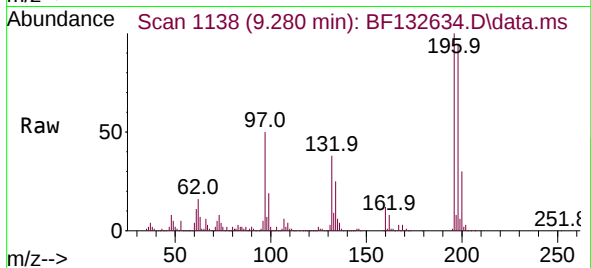
198 94.1 77.1 115.7

200 30.2 25.0 37.4

Manual Integrations

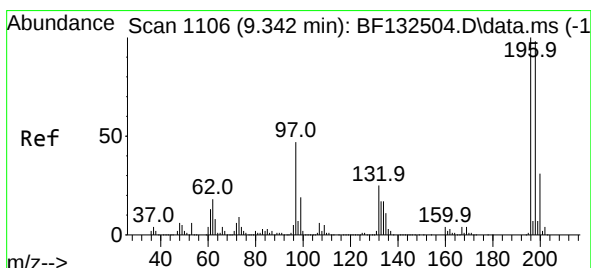
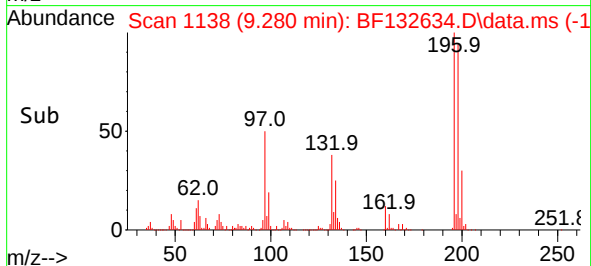
APPROVED

Reviewed By :Christian  
Giraldo



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Supervised By :Jagrut  
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#44

2,4,5-Trichlorophenol

Concen: 38.346 ng

RT: 9.322 min Scan# 1145

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Tgt Ion:196 Resp: 262720

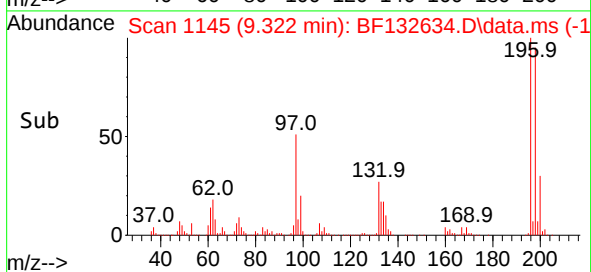
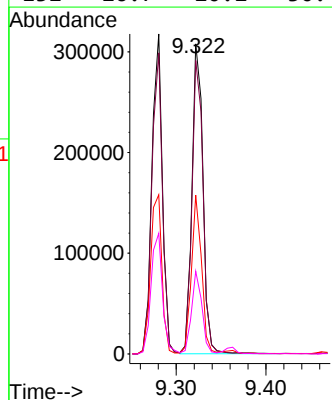
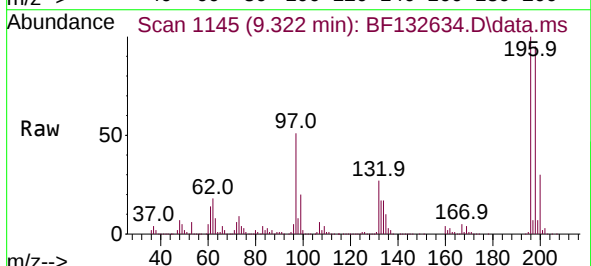
Ion Ratio Lower Upper

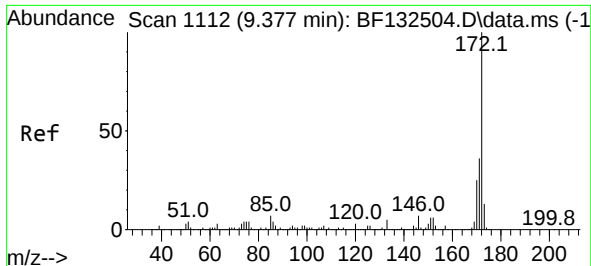
196 100

198 94.6 78.3 117.5

97 51.2 38.1 57.1

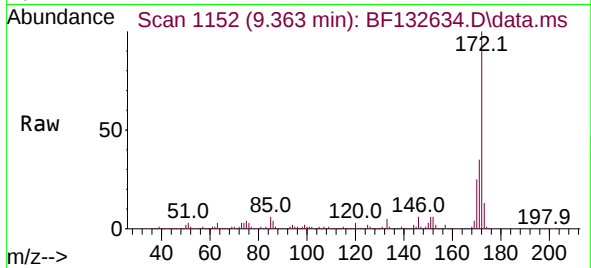
132 26.7 20.2 30.4





#45  
2-Fluorobiphenyl  
Concen: 69.989 ng  
RT: 9.363 min Scan# 1112  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

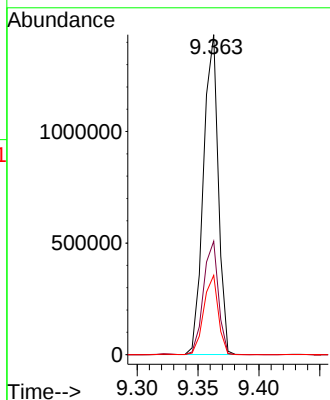
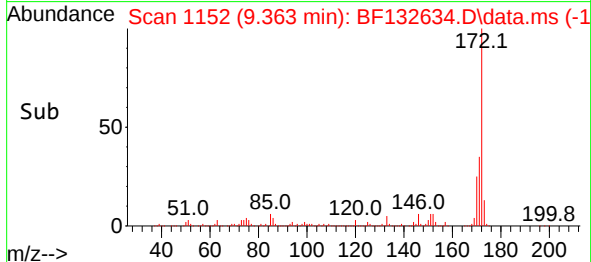
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:172 Resp: 1216917  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.8 43.2  
170 24.8 19.7 29.5

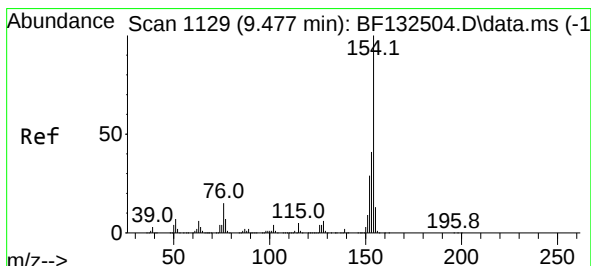
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

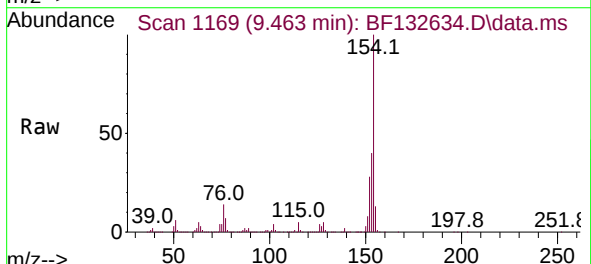


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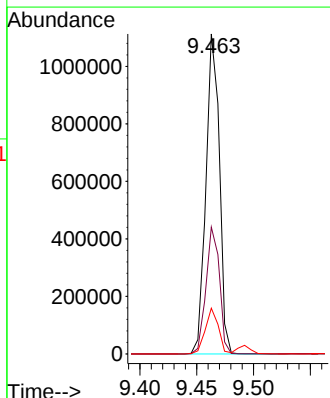
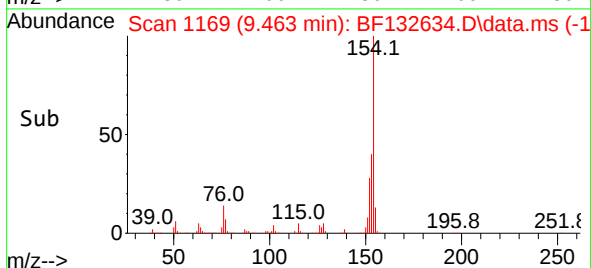
03/06/2023

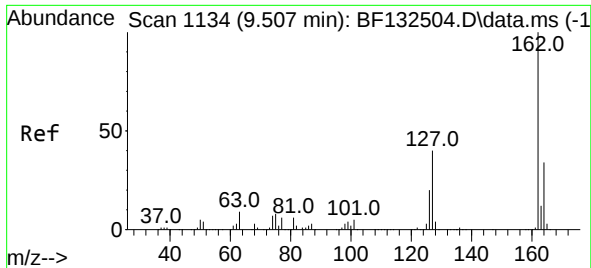


#46  
1,1'-Biphenyl  
Concen: 45.871 ng  
RT: 9.463 min Scan# 1169  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



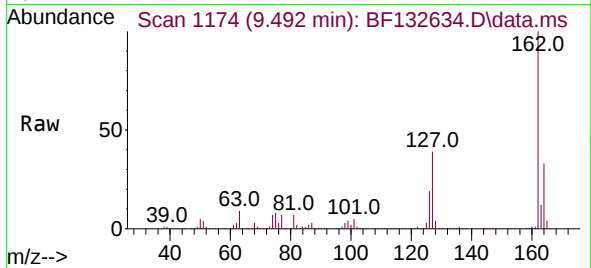
Tgt Ion:154 Resp: 919191  
Ion Ratio Lower Upper  
154 100  
153 39.6 20.9 60.9  
76 14.3 0.0 34.7





#47  
2-Chloronaphthalene  
Concen: 45.078 ng  
RT: 9.492 min Scan# 1134  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

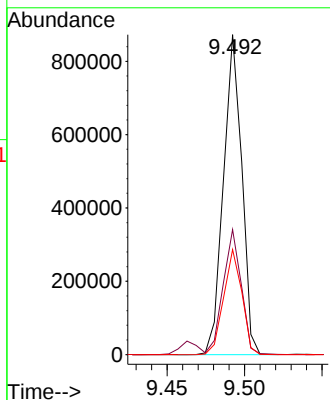
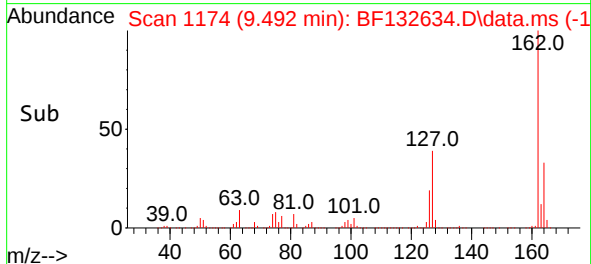
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:162 Resp: 716170  
Ion Ratio Lower Upper  
162 100  
127 39.1 32.3 48.5  
164 32.8 26.9 40.3

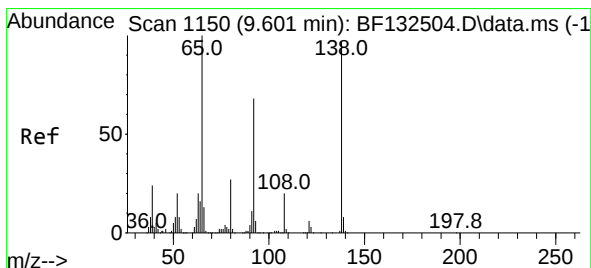
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



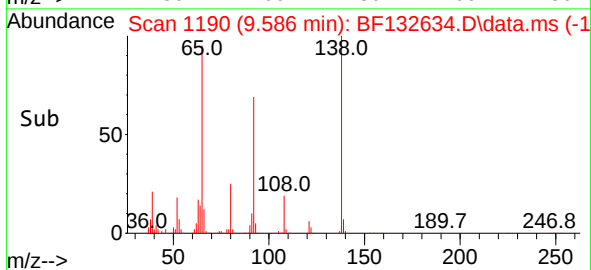
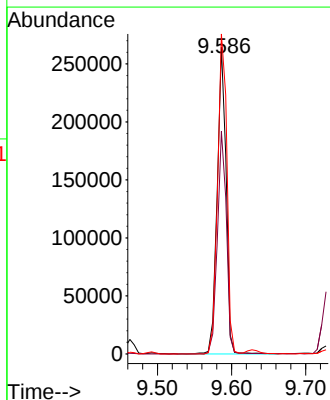
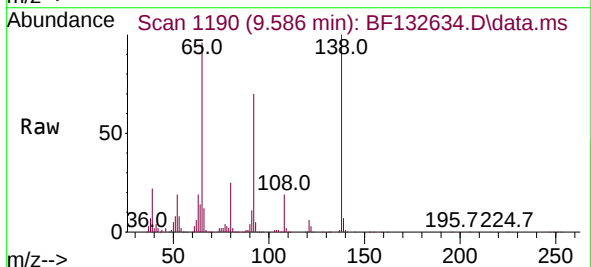
03/06/2023  
Supervised By :Jagrut  
Upadhyay

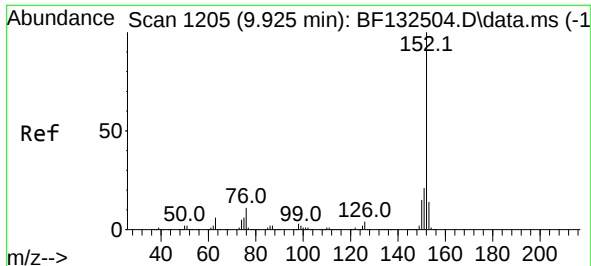
03/06/2023



#48  
2-Nitroaniline  
Concen: 37.793 ng  
RT: 9.586 min Scan# 1190  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion: 65 Resp: 221140  
Ion Ratio Lower Upper  
65 100  
92 72.5 54.5 81.7  
138 104.4 77.2 115.8





#49

Acenaphthylene

Concen: 43.213 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:152 Resp: 1092635

Ion Ratio Lower Upper

152 100

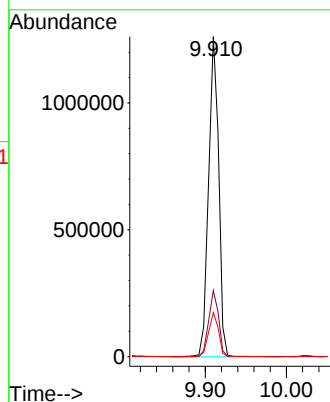
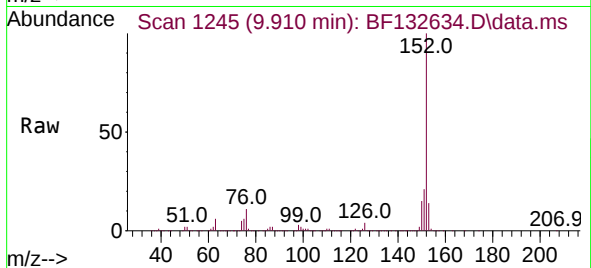
151 20.7 16.4 24.6

153 13.8 11.0 16.6

Manual Integrations

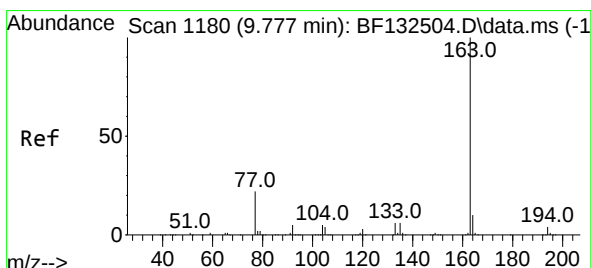
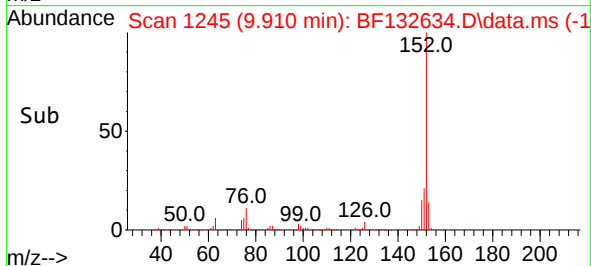
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#50

Dimethylphthalate

Concen: 42.441 ng

RT: 9.763 min Scan# 1220

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

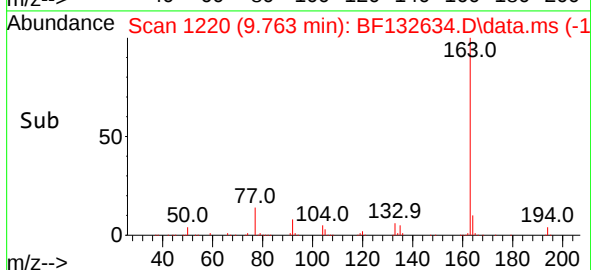
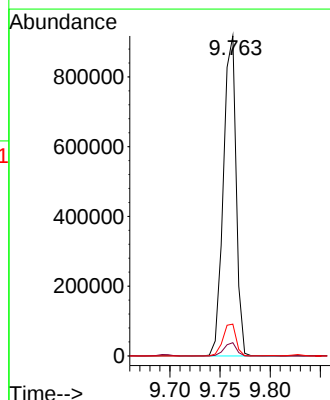
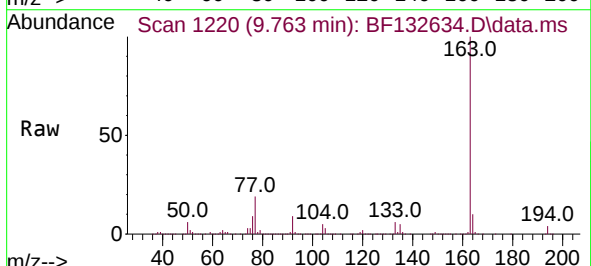
Tgt Ion:163 Resp: 818144

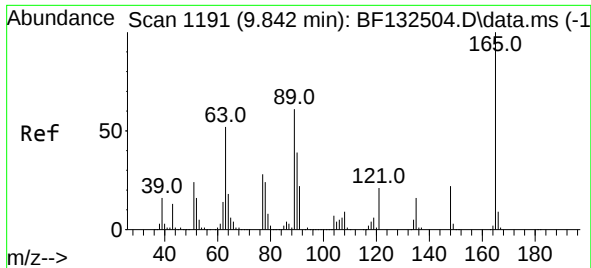
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.9 8.3 12.5



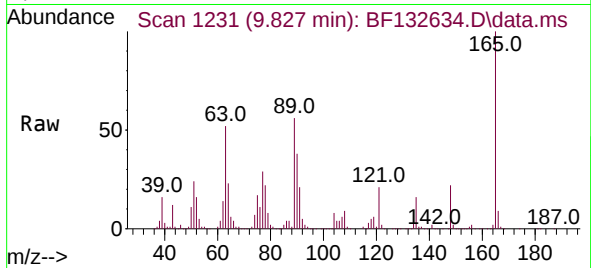


#51  
2,6-Dinitrotoluene  
Concen: 40.341 ng  
RT: 9.827 min Scan# 1191  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

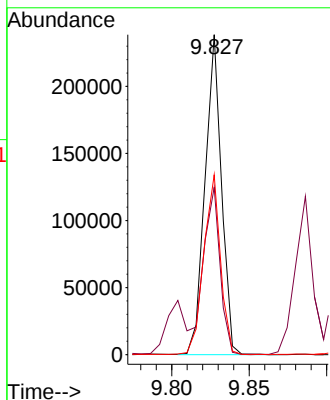
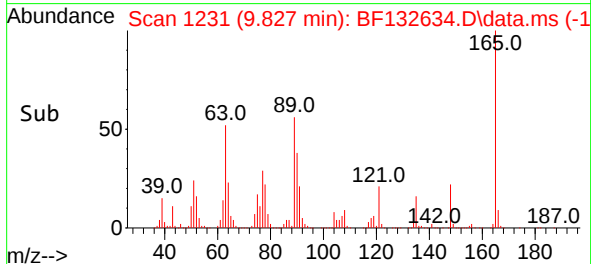
ClientSampleId :



Tgt Ion:165 Resp: 177102  
Ion Ratio Lower Upper  
165 100  
63 52.3 47.3 70.9  
89 56.2 48.9 73.3

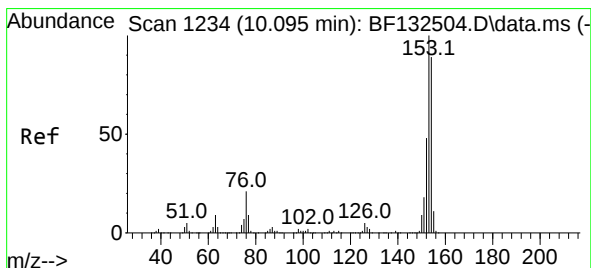
Manual Integrations  
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Reviewed By :Christian  
Giraldo

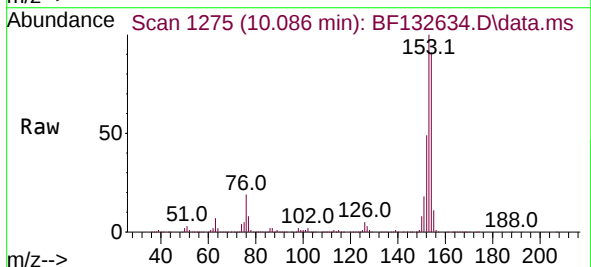


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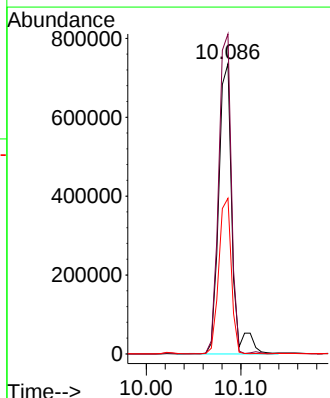
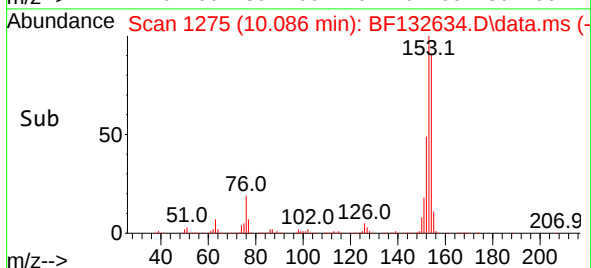
03/06/2023

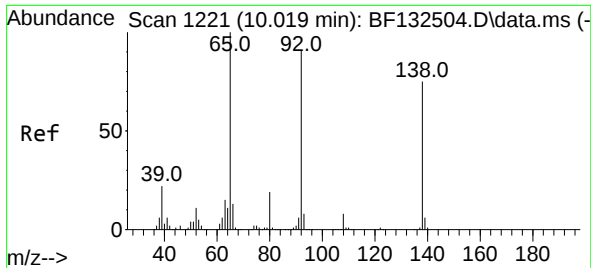


#52  
Acenaphthene  
Concen: 44.905 ng  
RT: 10.086 min Scan# 1275  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



Tgt Ion:154 Resp: 720993  
Ion Ratio Lower Upper  
154 100  
153 110.3 89.8 134.8  
152 53.6 43.3 64.9



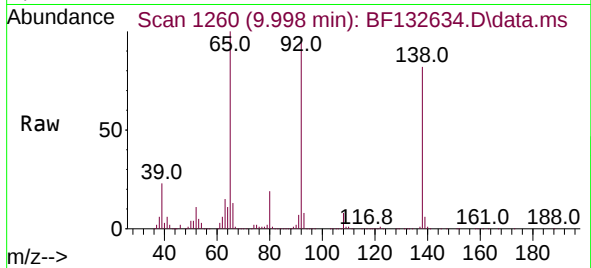


#53  
3-Nitroaniline  
Concen: 30.342 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

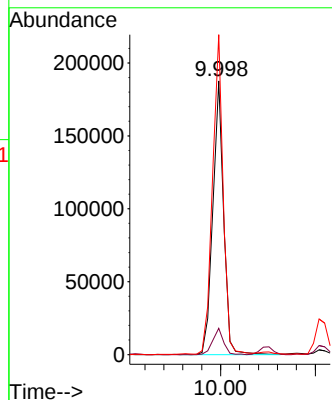
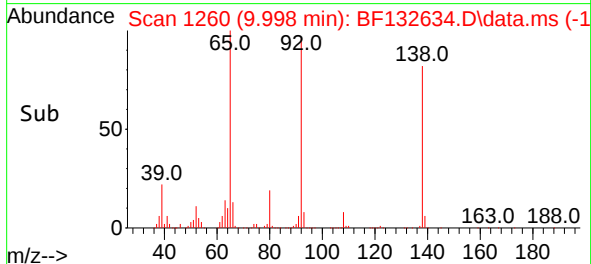
ClientSampleId :



Tgt Ion:138 Resp: 149009  
Ion Ratio Lower Upper  
138 100  
108 9.6 8.1 12.1  
92 116.9 97.2 145.8

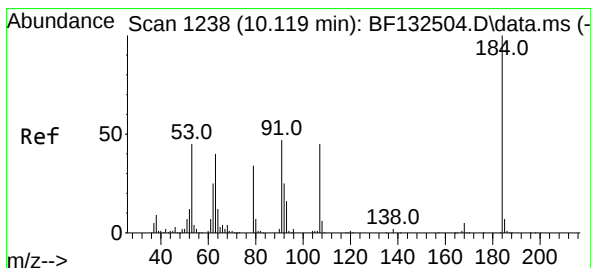
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

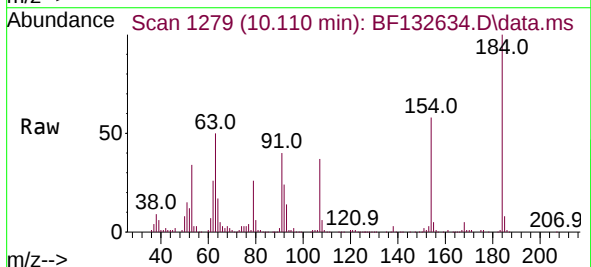


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Supervised By :Jagrut  
Upadhyay

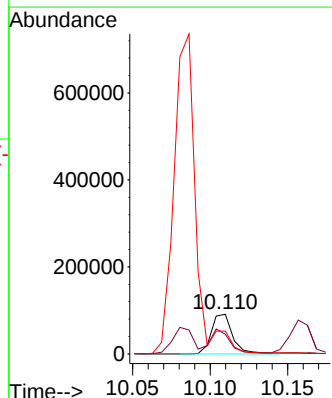
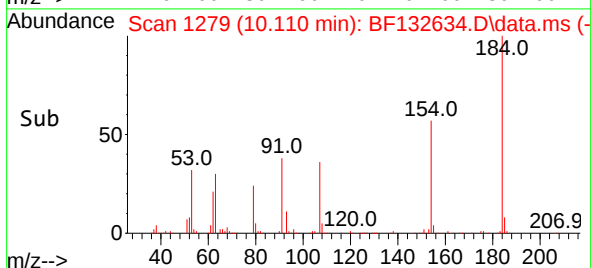
03/06/2023

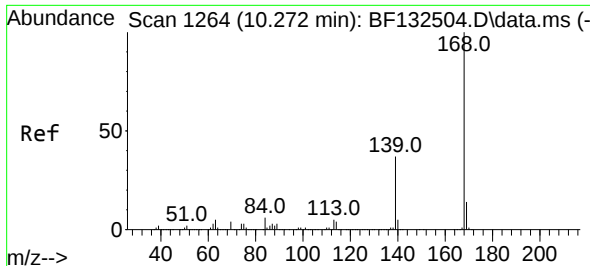


#54  
2,4-Dinitrophenol  
Concen: 32.836 ng  
RT: 10.110 min Scan# 1279  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



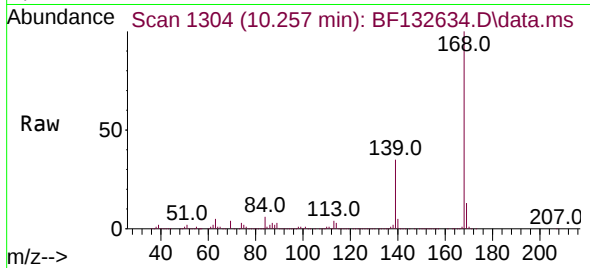
Tgt Ion:184 Resp: 87760  
Ion Ratio Lower Upper  
184 100  
63 49.5 51.4 77.2#  
154 57.6 48.3 72.5





#55  
Dibenzenofuran  
Concen: 43.039 ng  
RT: 10.257 min Scan# 1304  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

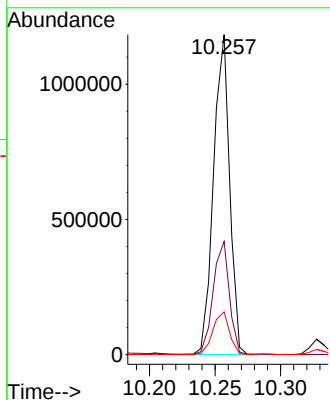
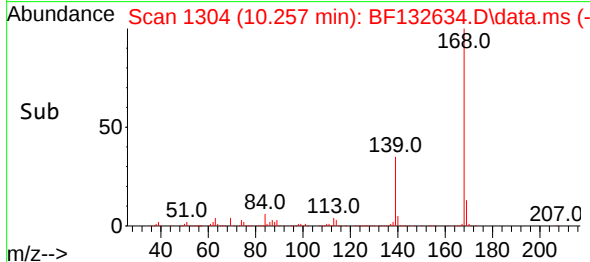
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:168 Resp: 1007400  
Ion Ratio Lower Upper  
168 100  
139 35.4 29.8 44.6  
169 13.4 10.9 16.3

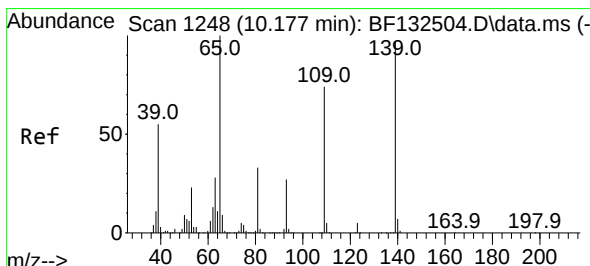
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



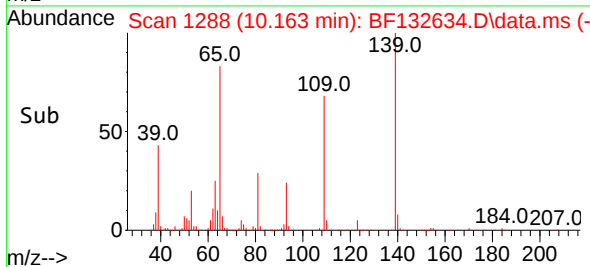
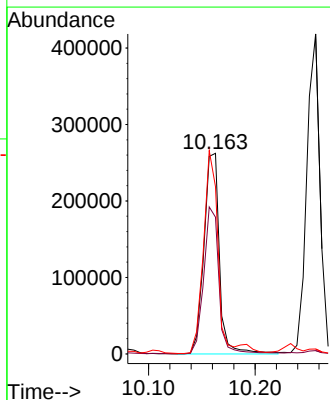
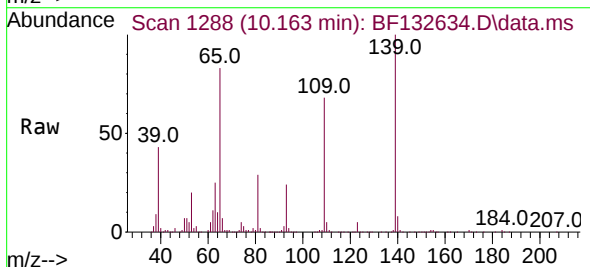
03/06/2023  
Supervised By :Jagrut  
Upadhyay

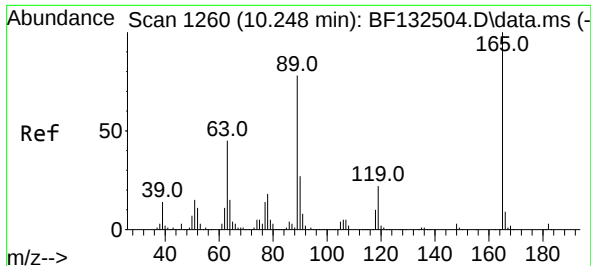
03/06/2023



#56  
4-Nitrophenol  
Concen: 72.484 ng  
RT: 10.163 min Scan# 1288  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:139 Resp: 265465  
Ion Ratio Lower Upper  
139 100  
109 68.2 56.7 96.7  
65 83.4 83.5 123.5#



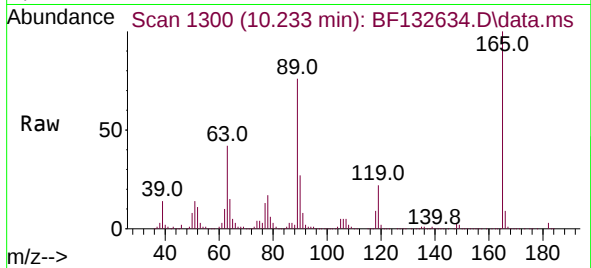


#57  
2,4-Dinitrotoluene  
Concen: 38.360 ng  
RT: 10.233 min Scan# 1300  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

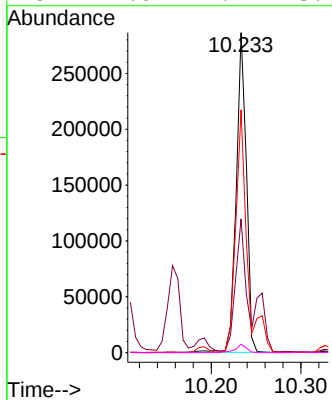
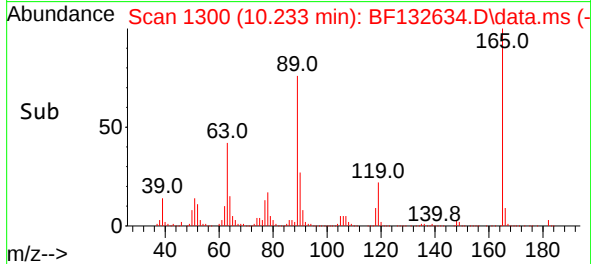
ClientSampleId :



Tgt Ion:165 Resp: 224042  
Ion Ratio Lower Upper  
165 100  
63 41.8 36.5 54.7  
89 75.9 62.4 93.6  
182 2.6 2.1 3.1

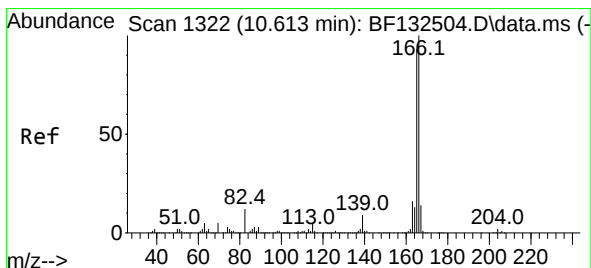
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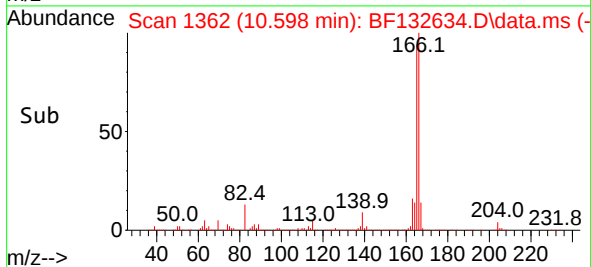
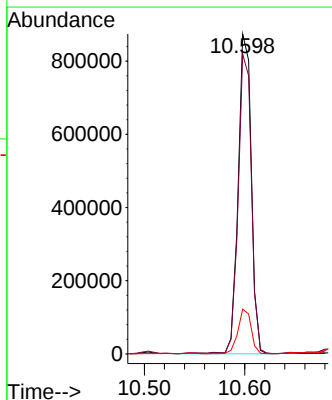
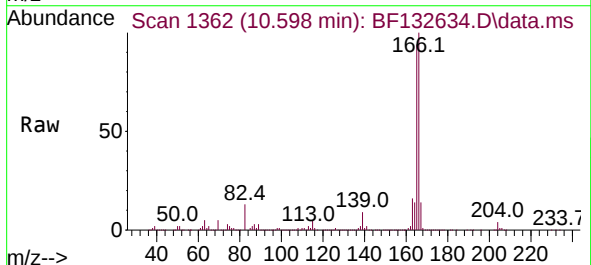
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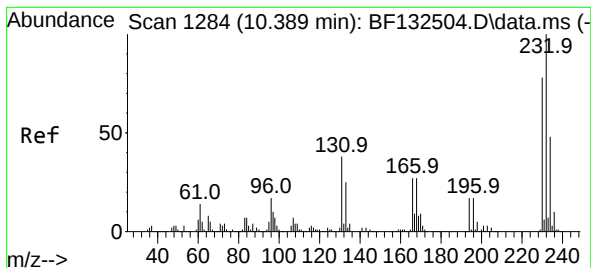
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#58  
Fluorene  
Concen: 44.221 ng  
RT: 10.598 min Scan# 1362  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:166 Resp: 791735  
Ion Ratio Lower Upper  
166 100  
165 93.6 74.2 111.4  
167 14.0 11.1 16.7



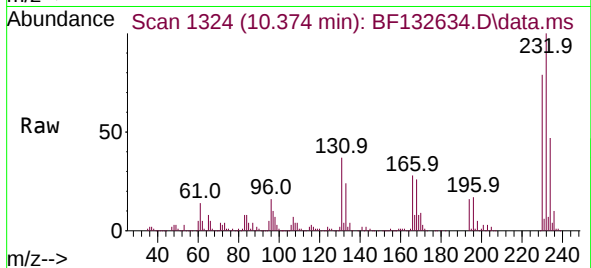


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.268 ng  
RT: 10.374 min Scan# 1312  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

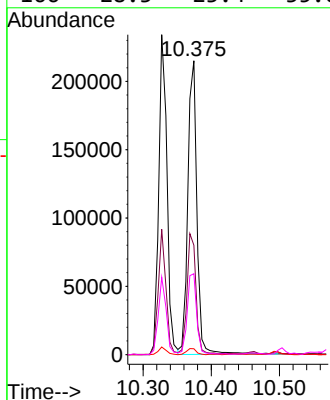
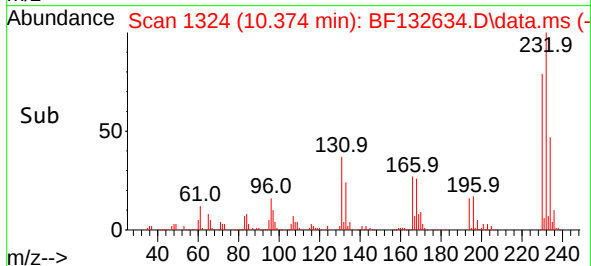
ClientSampleId :



Tgt Ion:232 Resp: 199850  
Ion Ratio Lower Upper  
232 100  
131 39.6 33.8 50.8  
130 2.2 1.7 2.5  
166 28.3 23.4 35.0

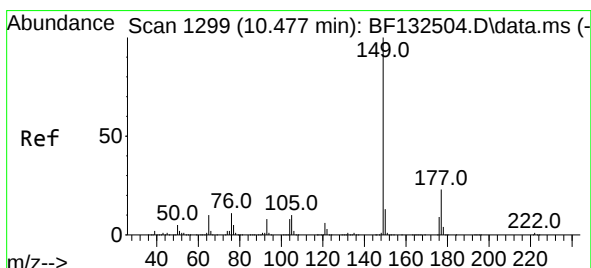
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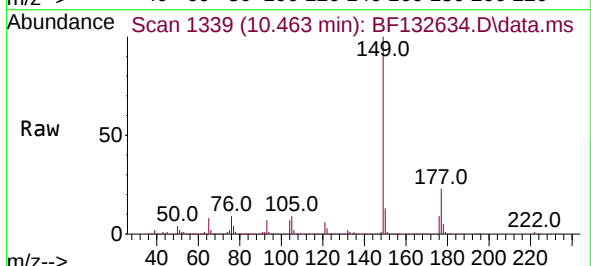


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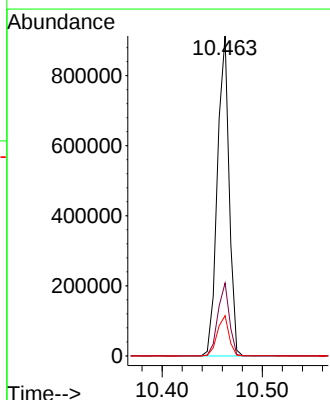
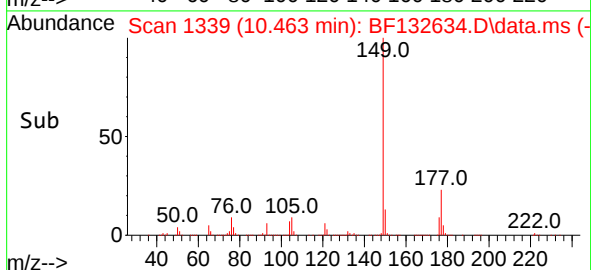
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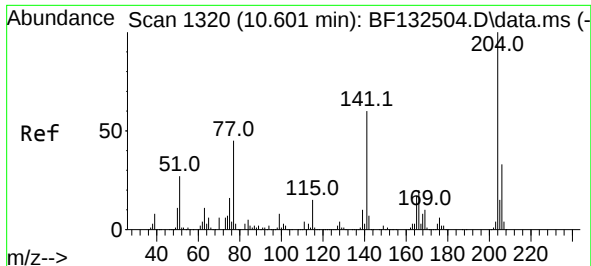


#60  
Diethylphthalate  
Concen: 39.611 ng  
RT: 10.463 min Scan# 1339  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



Tgt Ion:149 Resp: 745761  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.1 27.1  
150 12.6 10.2 15.2



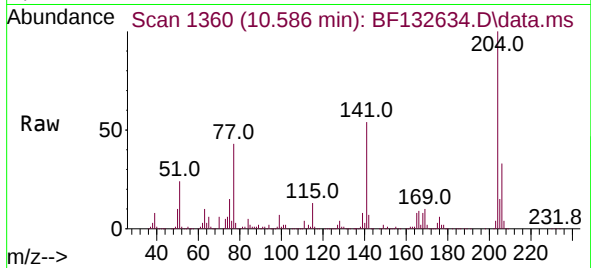


#61  
4-Chlorophenyl-phenylether  
Concen: 39.721 ng  
RT: 10.586 min Scan# 1319  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

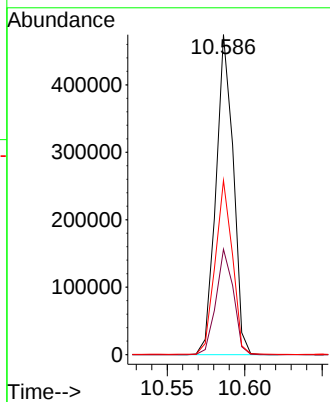
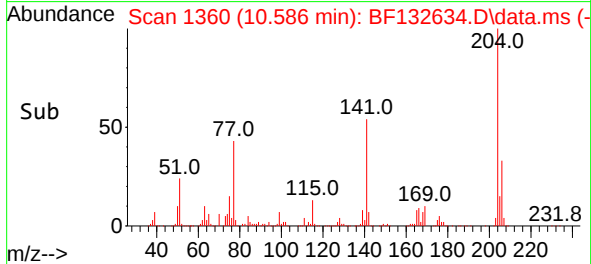
ClientSampleId :



Tgt Ion:204 Resp: 368928  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.3 39.5  
141 54.4 47.8 71.8

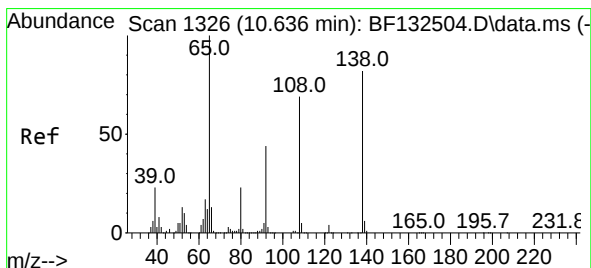
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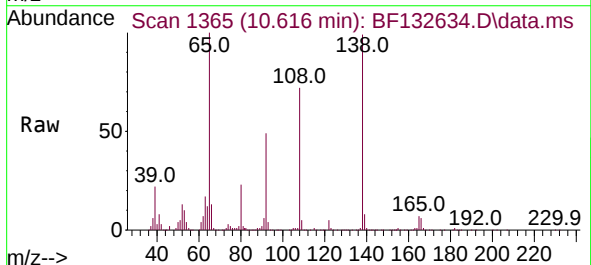


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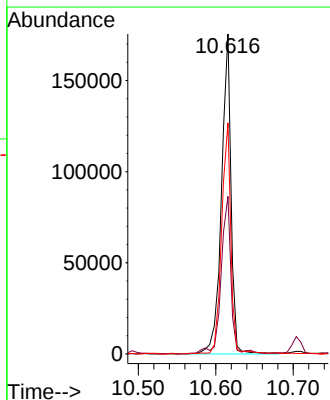
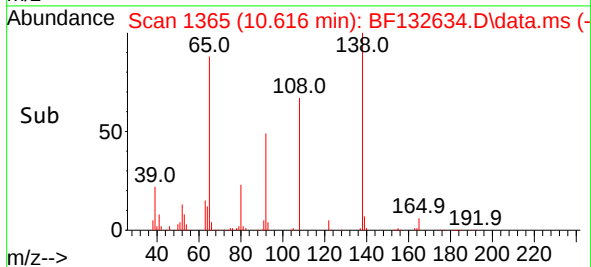
03/06/2023

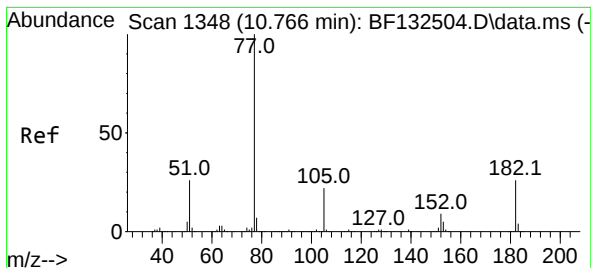


#62  
4-Nitroaniline  
Concen: 31.310 ng  
RT: 10.616 min Scan# 1365  
Delta R.T. -0.015 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



Tgt Ion:138 Resp: 150934  
Ion Ratio Lower Upper  
138 100  
92 49.2 33.8 73.8  
108 72.2 63.7 103.7



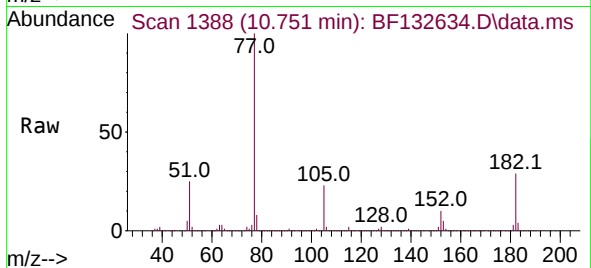


#63  
Azobenzene  
Concen: 37.272 ng  
RT: 10.751 min Scan# 1348  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

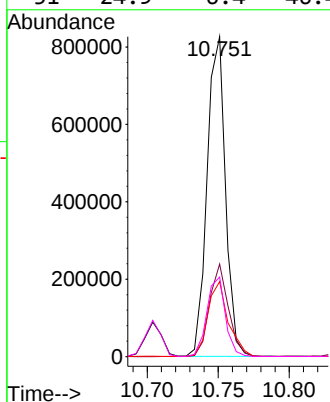
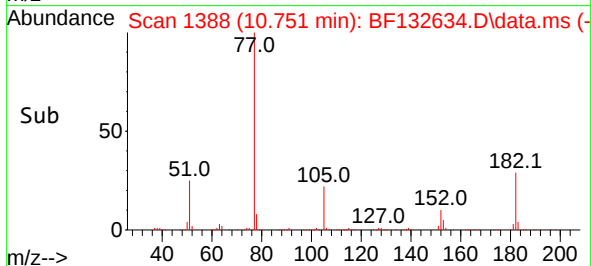
ClientSampleId :



Tgt Ion: 77 Resp: 743163  
Ion Ratio Lower Upper  
77 100  
182 28.9 5.5 45.5  
105 23.4 1.8 41.8  
51 24.9 6.4 46.4

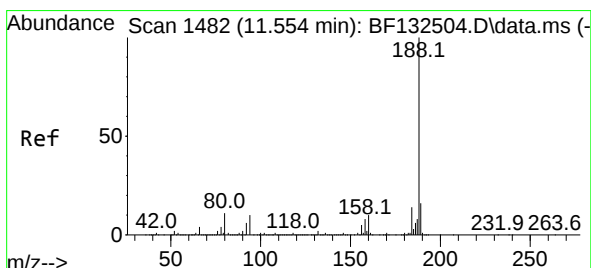
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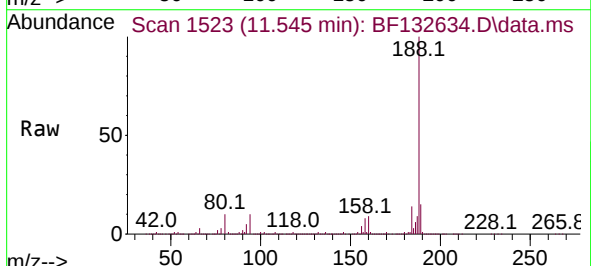


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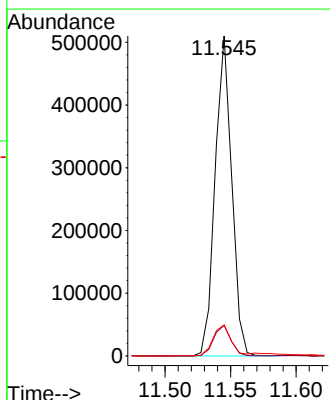
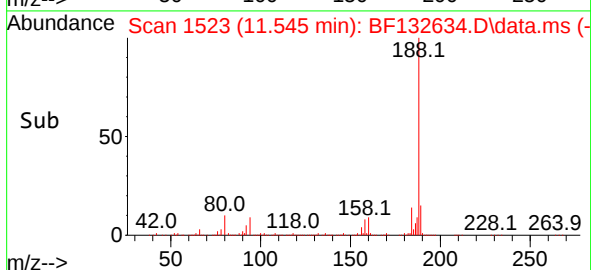
03/06/2023

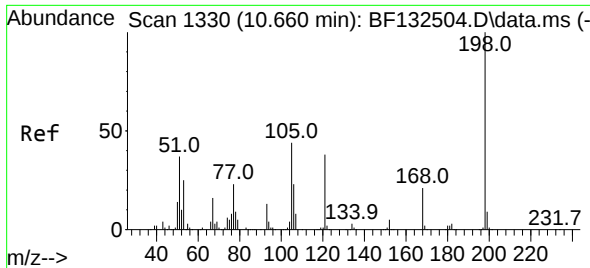


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.545 min Scan# 1523  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



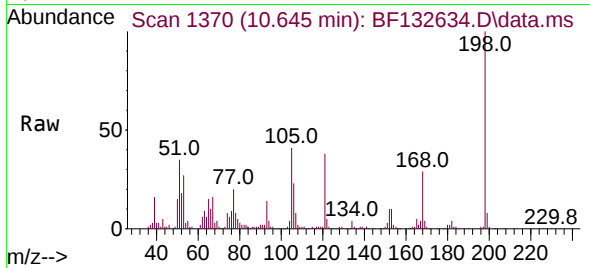
Tgt Ion:188 Resp: 450537  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.3 12.5  
80 9.7 8.7 13.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 21.202 ng  
RT: 10.645 min Scan# 1330  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

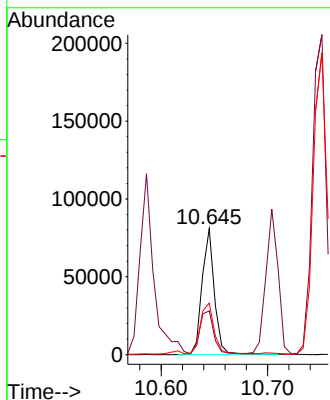
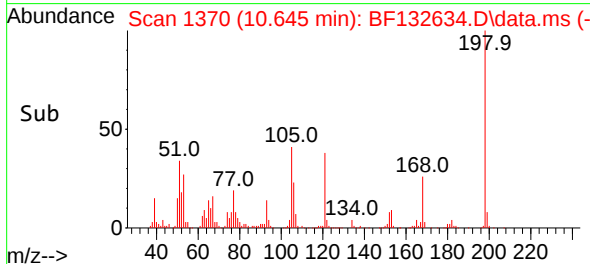
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:198 Resp: 64664  
Ion Ratio Lower Upper  
198 100  
51 34.8 20.6 60.6  
105 40.8 24.3 64.3

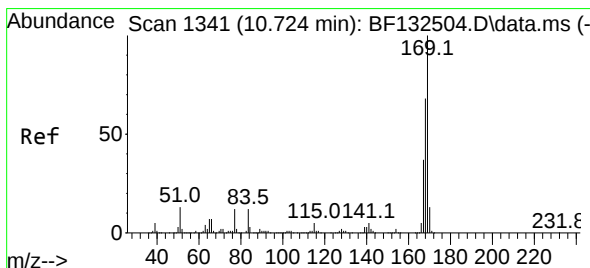
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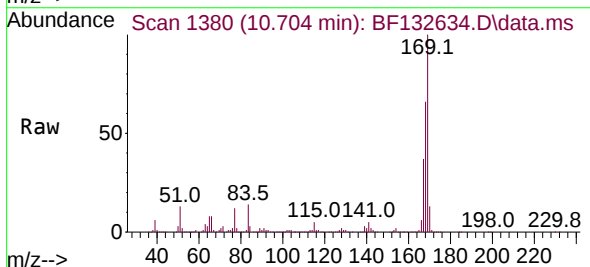


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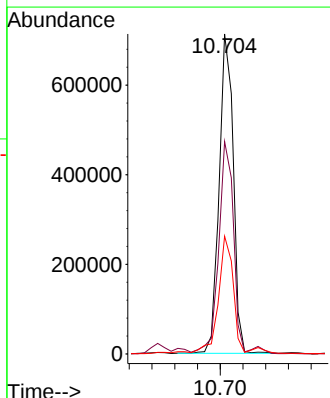
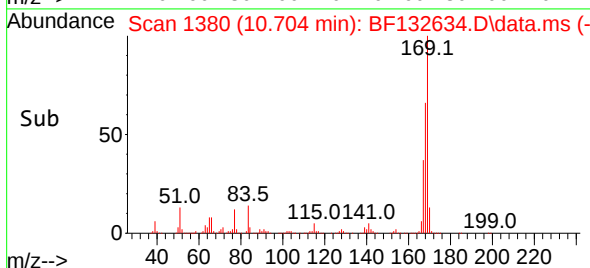
03/06/2023

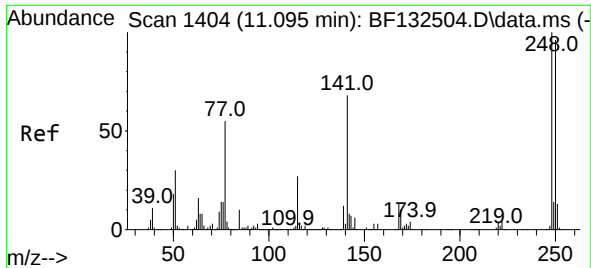


#66  
n-Nitrosodiphenylamine  
Concen: 43.635 ng  
RT: 10.704 min Scan# 1380  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06



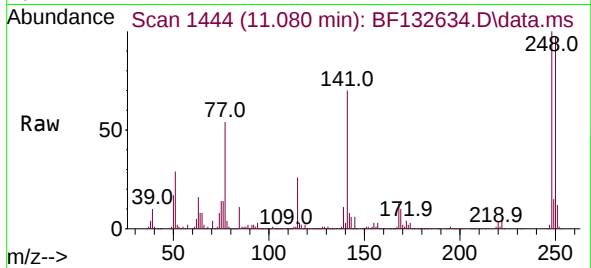
Tgt Ion:169 Resp: 612894  
Ion Ratio Lower Upper  
169 100  
168 66.4 54.2 81.4  
167 36.8 29.6 44.4





#67  
4-Bromophenyl-phenylether  
Concen: 42.705 ng  
RT: 11.080 min Scan# 1404  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

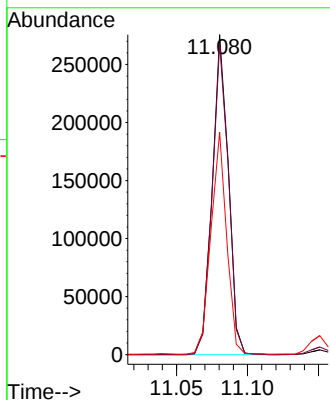
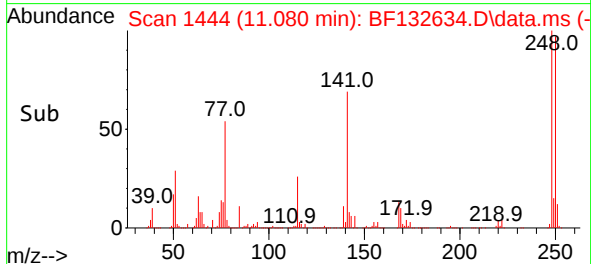
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:248 Resp: 217637  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.0 115.4  
141 69.5 54.2 81.2

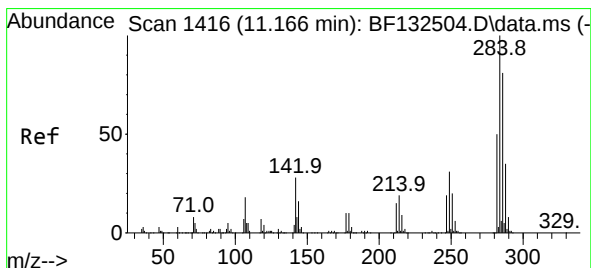
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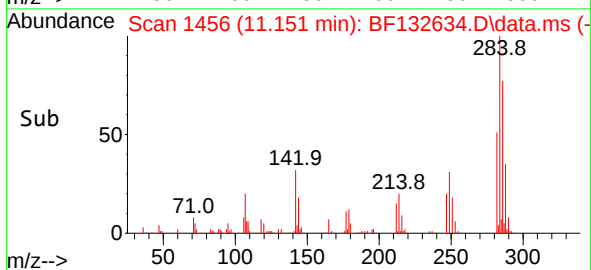
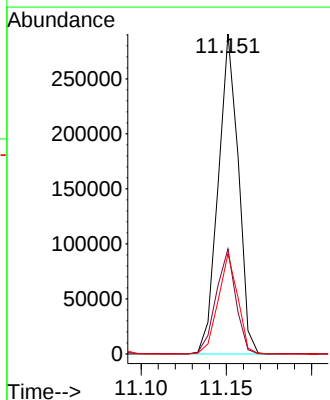
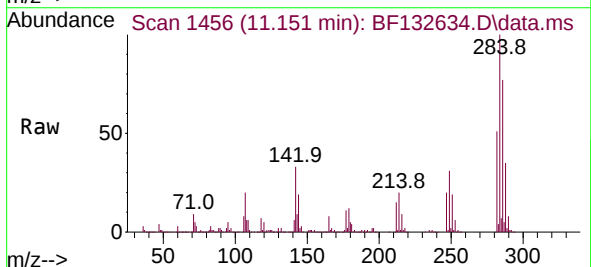
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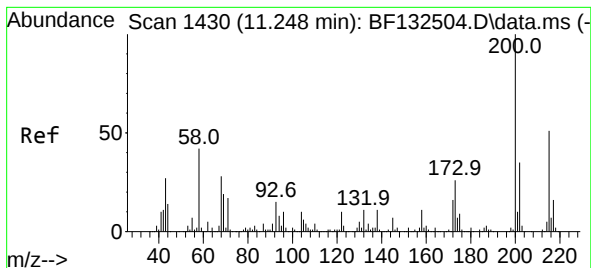
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#68  
Hexachlorobenzene  
Concen: 44.364 ng  
RT: 11.151 min Scan# 1456  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:284 Resp: 237901  
Ion Ratio Lower Upper  
284 100  
142 32.8 22.2 33.4  
249 31.3 24.9 37.3





#69

Atrazine

Concen: 44.784 ng

RT: 11.233 min Scan# 14

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:200 Resp: 196374

Ion Ratio Lower Upper

200 100

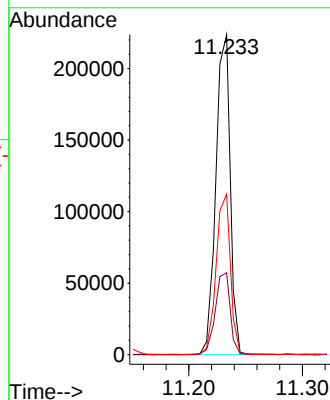
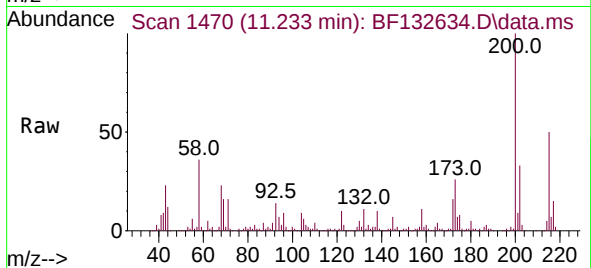
173 25.6 6.4 46.4

215 50.1 31.0 71.0

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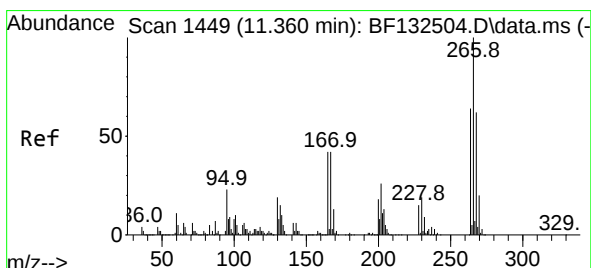
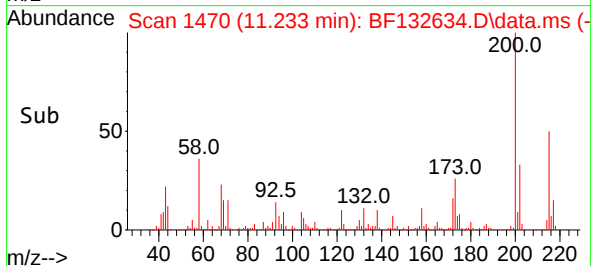
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Giraldo



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Supervised By :Jagrut  
Upadhyay

03/06/2023



#70

Pentachlorophenol

Concen: 80.415 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

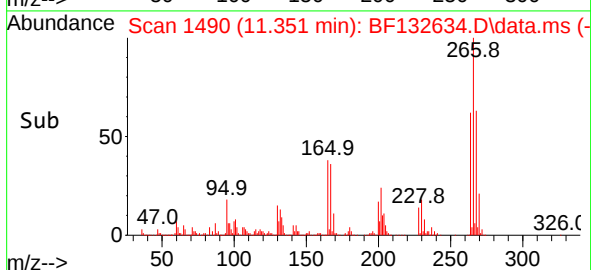
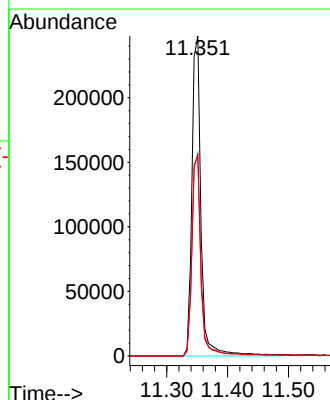
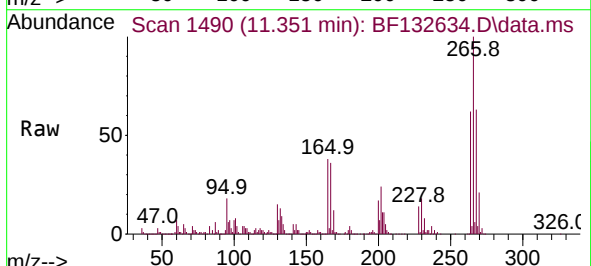
Tgt Ion:266 Resp: 256563

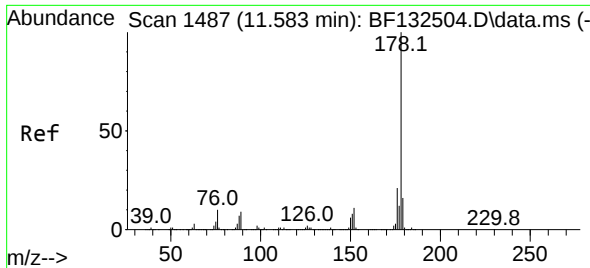
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.6

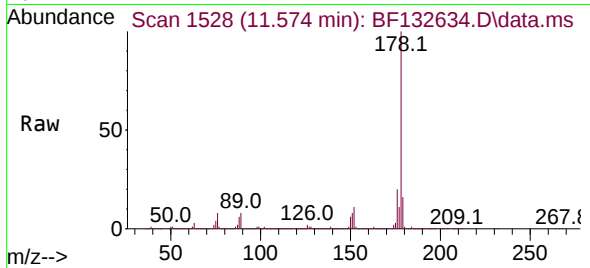
264 62.4 50.9 76.3





#71  
Phenanthrene  
Concen: 65.999 ng  
RT: 11.574 min Scan# 11536  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

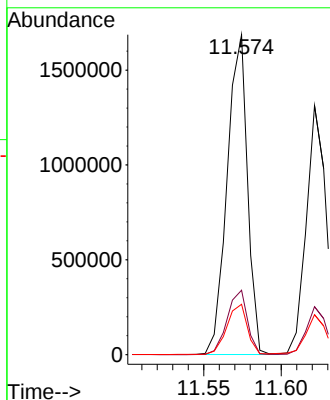
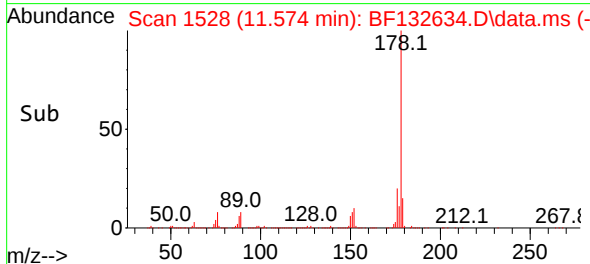
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:178 Resp: 1540406  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.5 24.7  
179 15.7 13.0 19.6

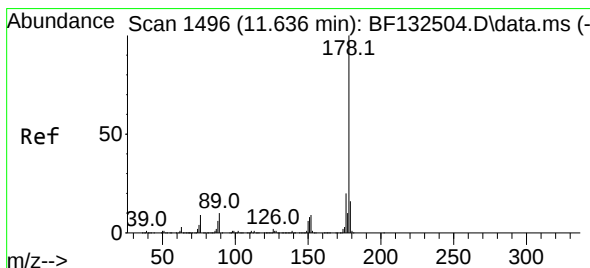
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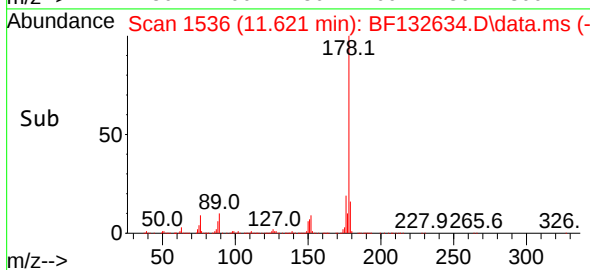
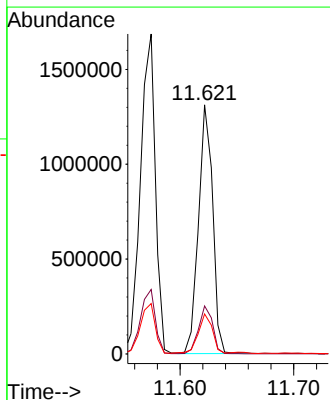
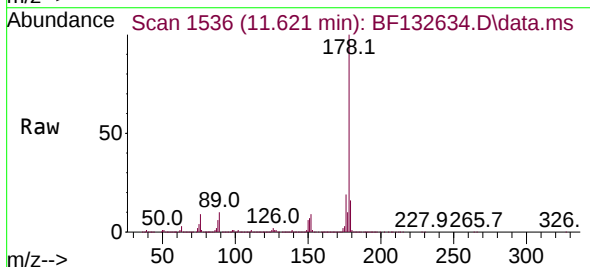
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Supervised By :Jagrut  
Upadhyay

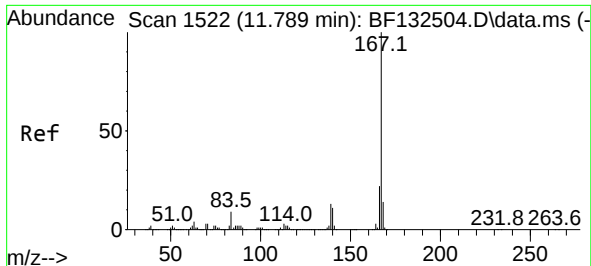
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#72  
Anthracene  
Concen: 47.301 ng  
RT: 11.621 min Scan# 1536  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:178 Resp: 1136878  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.6 23.4  
179 16.0 12.5 18.7



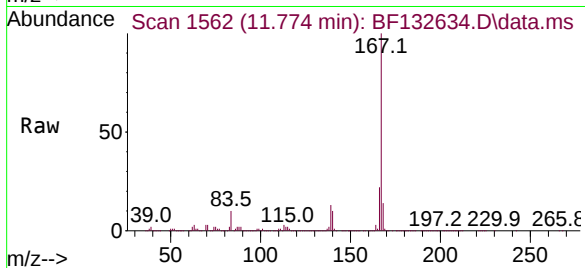


#73  
 Carbazole  
 Concen: 44.977 ng  
 RT: 11.774 min Scan# 11  
 Delta R.T. -0.009 min  
 Lab File: BF132634.D  
 Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

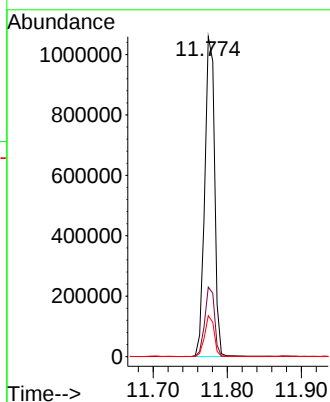
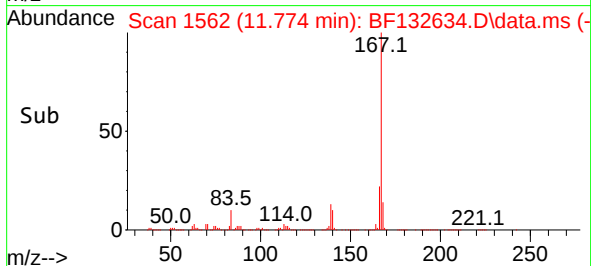
ClientSampleId :



Tgt Ion:167 Resp: 974652  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.7 26.5  
 139 12.8 10.5 15.7

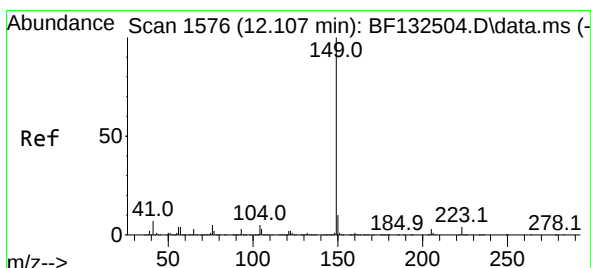
Manual Integrations  
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Reviewed By :Christian  
 Giraldo

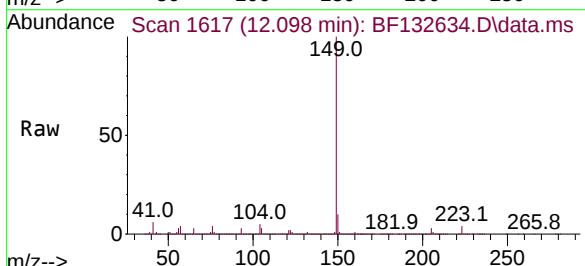


03/06/2023  
 Supervised By :Jagrut  
 Upadhyay

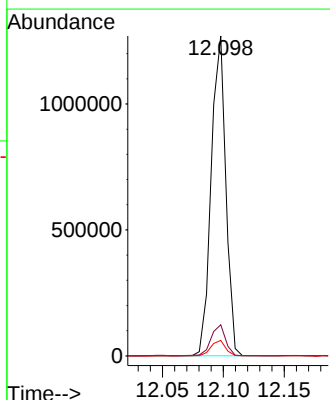
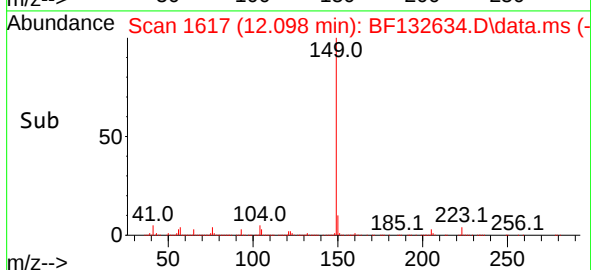
03/06/2023

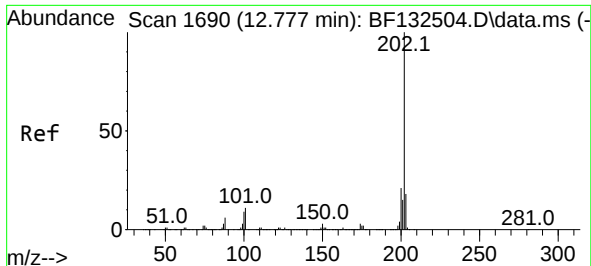


#74  
 Di-n-butylphthalate  
 Concen: 41.808 ng  
 RT: 12.098 min Scan# 1617  
 Delta R.T. -0.003 min  
 Lab File: BF132634.D  
 Acq: 03 Mar 2023 18:06



Tgt Ion:149 Resp: 1062727  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.8 11.8  
 104 4.8 4.3 6.5



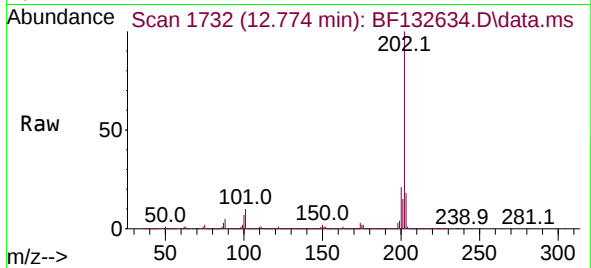


#75  
Fluoranthene  
Concen: 73.866 ng  
RT: 12.774 min Scan# 1732  
Delta R.T. 0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

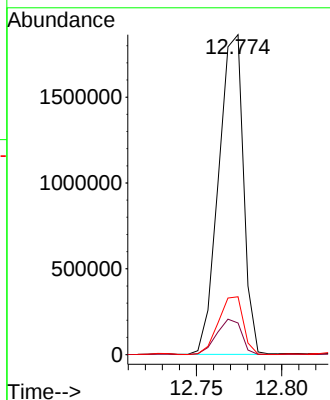
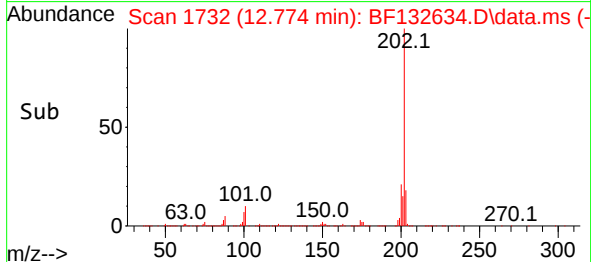
ClientSampleId :



Tgt Ion:202 Resp: 1884711  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 31.4  
203 18.1 0.0 38.0

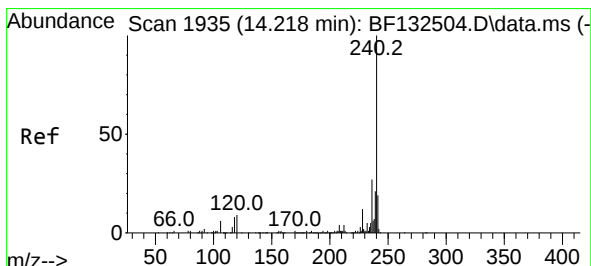
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



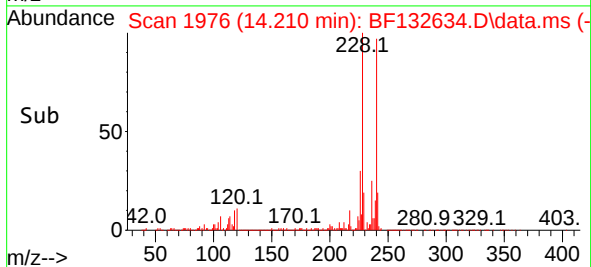
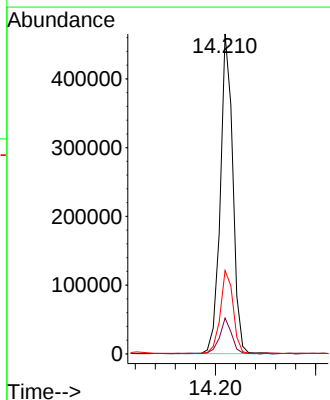
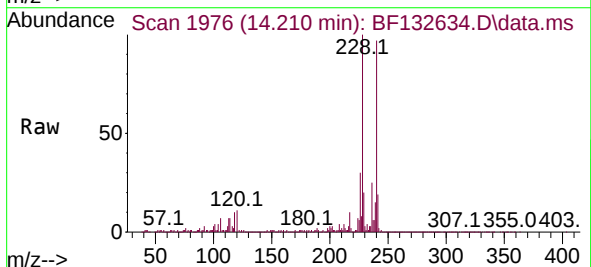
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Upadhyay

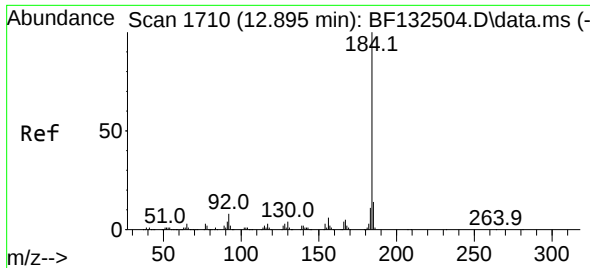
03/06/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.210 min Scan# 1976  
Delta R.T. 0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

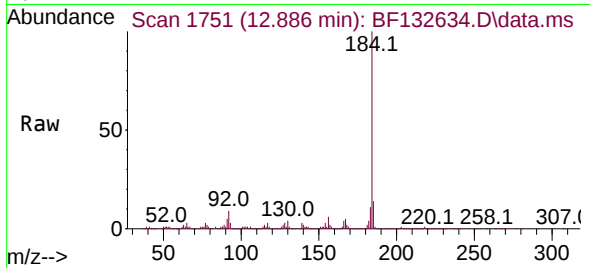
Tgt Ion:240 Resp: 404405  
Ion Ratio Lower Upper  
240 100  
120 11.2 7.2 10.8#  
236 26.0 21.8 32.6





#77  
Benzidine  
Concen: 60.604 ng  
RT: 12.886 min Scan# 1710  
Delta R.T. 0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

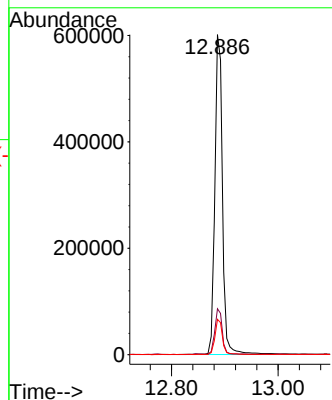
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:184 Resp: 596612  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.7 17.5  
183 11.0 8.7 13.1

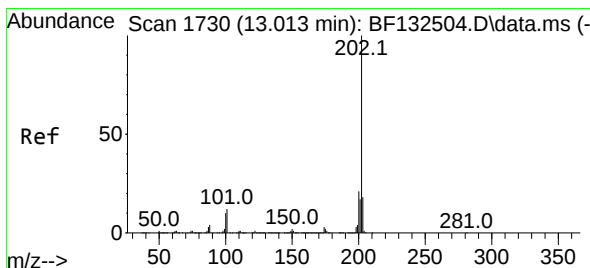
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



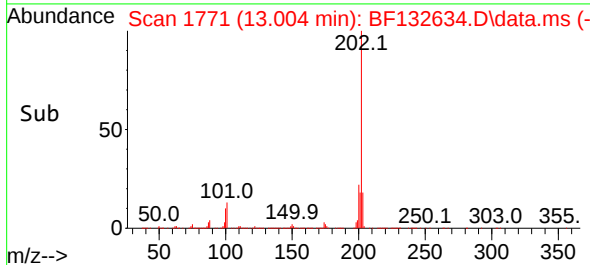
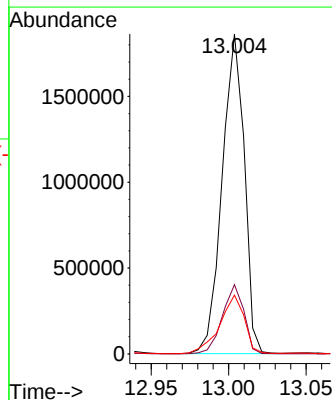
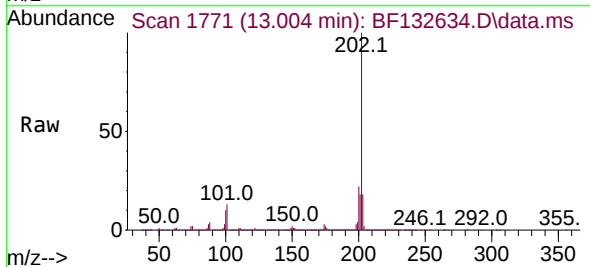
03/06/2023  
Supervised By :Jagrut  
Upadhyay

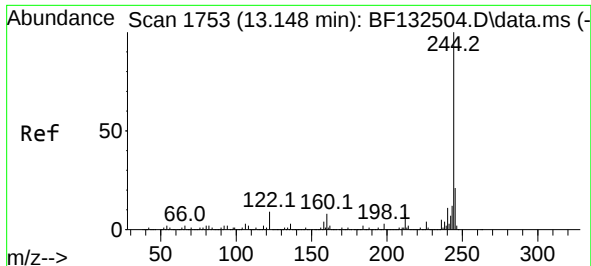
03/06/2023



#78  
Pyrene  
Concen: 50.406 ng  
RT: 13.004 min Scan# 1771  
Delta R.T. 0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

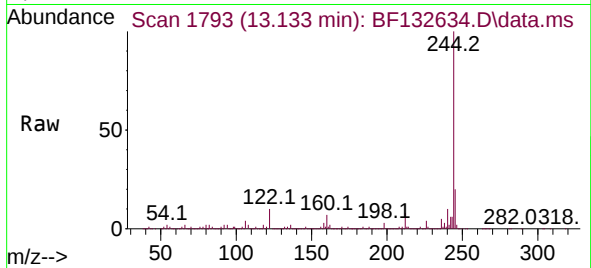
Tgt Ion:202 Resp: 1853299  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.1 25.7  
203 18.4 14.6 21.8





#79  
Terphenyl-d14  
Concen: 52.745 ng  
RT: 13.133 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

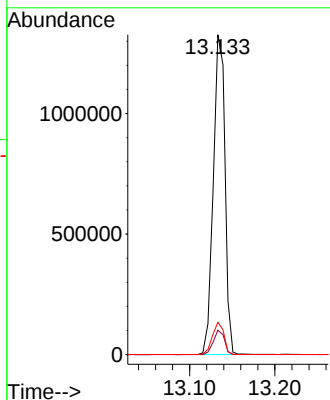
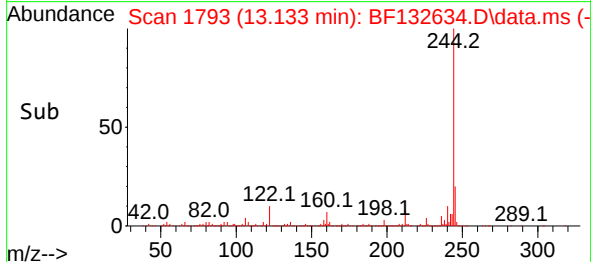
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:244 Resp: 1261594  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.5 9.7  
122 10.1 7.5 11.3

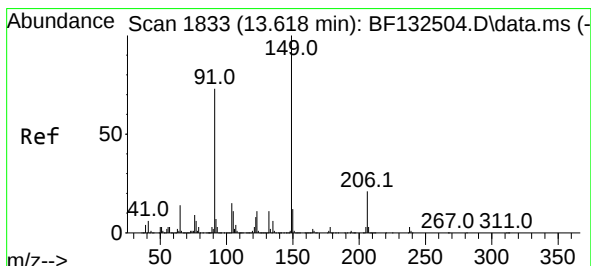
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



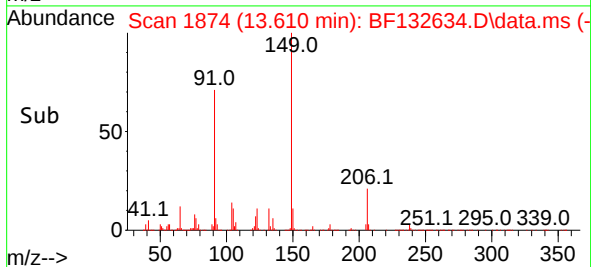
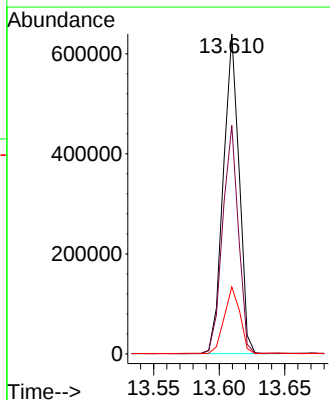
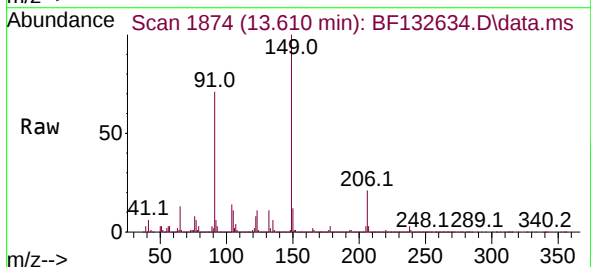
03/06/2023  
Supervised By :Jagrut  
Upadhyay

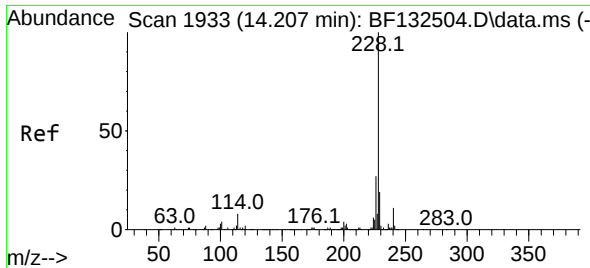
03/06/2023



#80  
Butylbenzylphthalate  
Concen: 37.012 ng  
RT: 13.610 min Scan# 1874  
Delta R.T. -0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

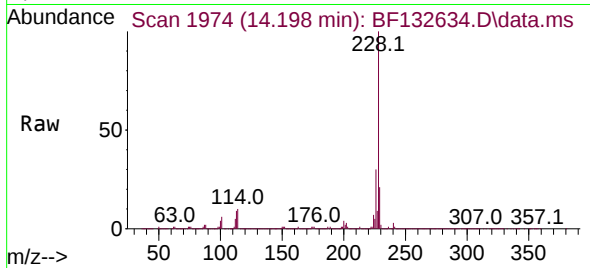
Tgt Ion:149 Resp: 537015  
Ion Ratio Lower Upper  
149 100  
91 71.4 58.4 87.6  
206 20.9 16.8 25.2





#81  
Benzo(a)anthracene  
Concen: 53.708 ng  
RT: 14.198 min Scan# 1933  
Delta R.T. 0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

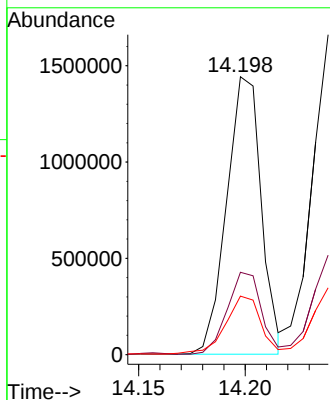
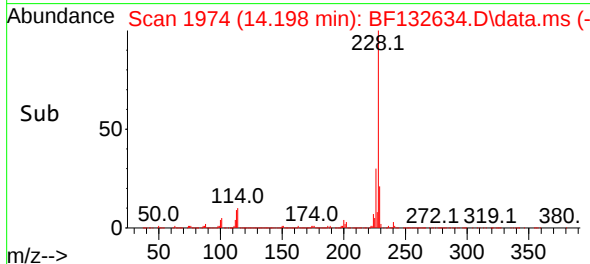
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:228 Resp: 1625132  
Ion Ratio Lower Upper  
228 100  
226 29.6 21.7 32.5  
229 21.0 15.4 23.2

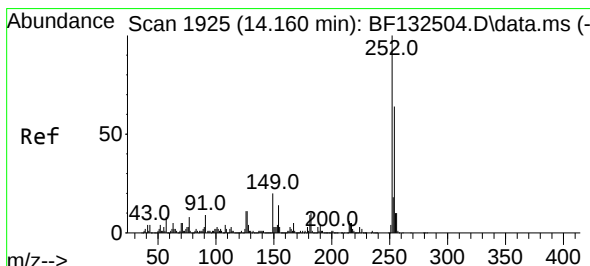
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



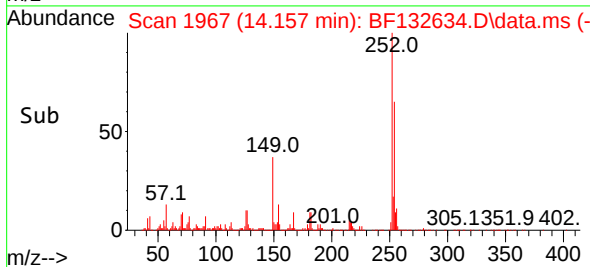
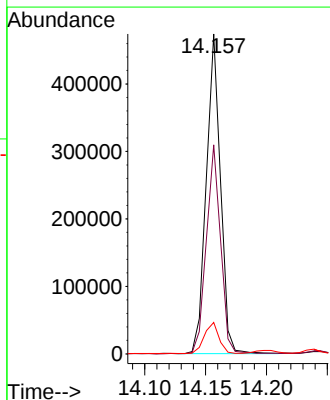
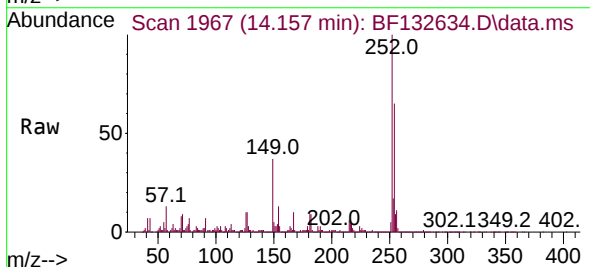
03/06/2023  
Supervised By :Jagrut  
Upadhyay

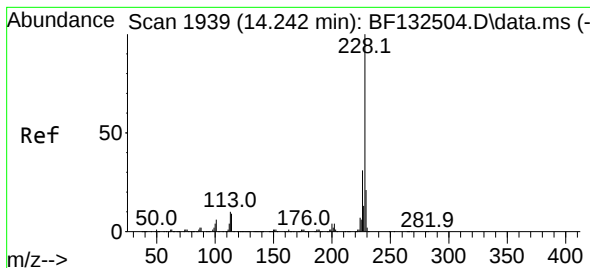
03/06/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 43.135 ng  
RT: 14.157 min Scan# 1967  
Delta R.T. 0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:252 Resp: 384801  
Ion Ratio Lower Upper  
252 100  
254 65.3 51.4 77.2  
126 9.8 8.9 13.3





#83

Chrysene

Concen: 54.310 ng

RT: 14.239 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:228 Resp: 1536735

Ion Ratio Lower Upper

228 100

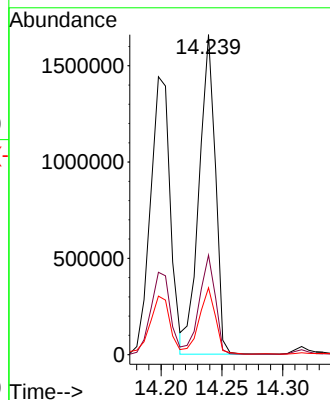
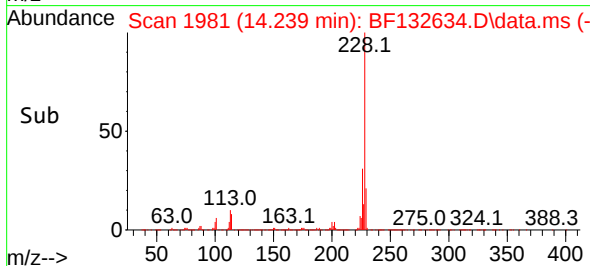
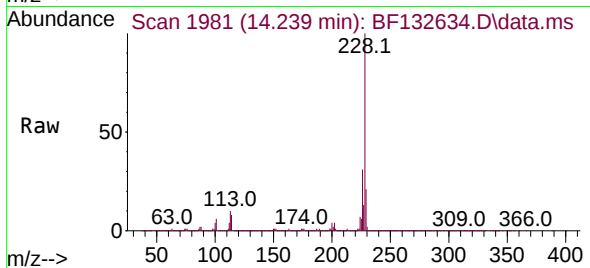
226 31.1 25.0 37.6

229 20.9 16.4 24.6

Manual Integrations

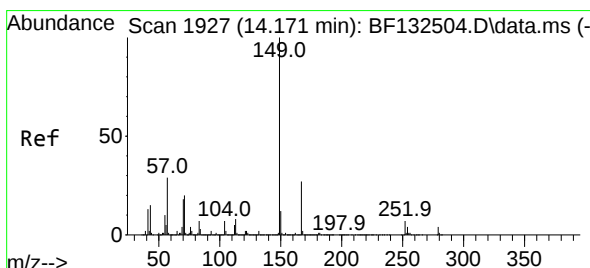
APPROVED

Reviewed By :Christian  
Giraldo



03/06/2023  
Supervised By :Jagrut  
Upadhyay

03/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.558 ng

RT: 14.168 min Scan# 1969

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

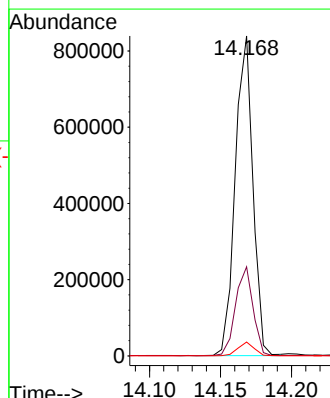
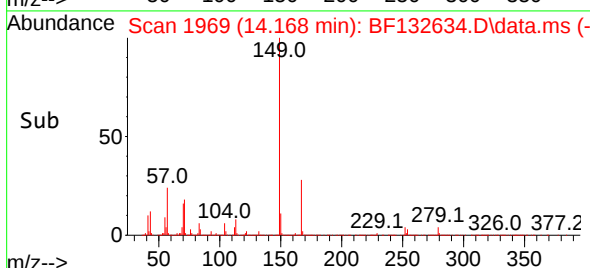
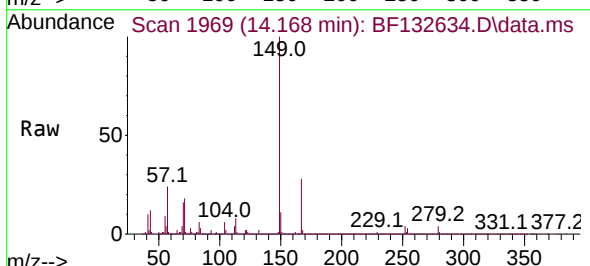
Tgt Ion:149 Resp: 722900

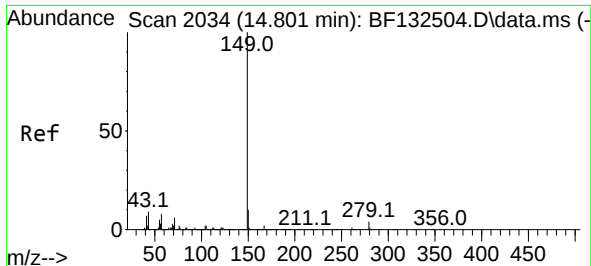
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

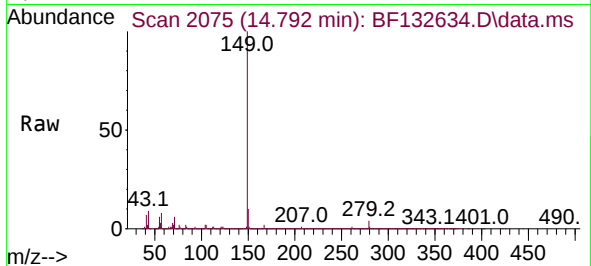
279 4.3 3.0 4.6





#85  
Di-n-octyl phthalate  
Concen: 52.876 ng  
RT: 14.792 min Scan# 2034  
Delta R.T. 0.003 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

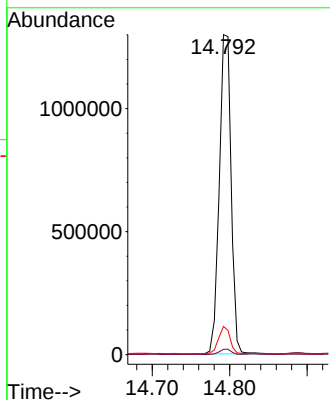
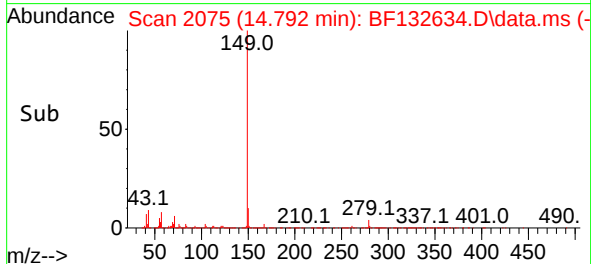
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:149 Resp: 1377216  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.2 7.2 10.8

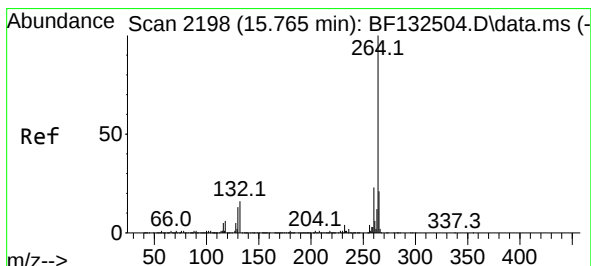
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



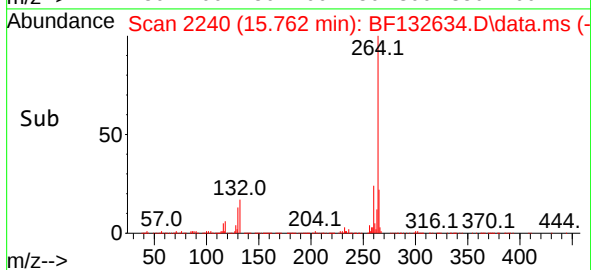
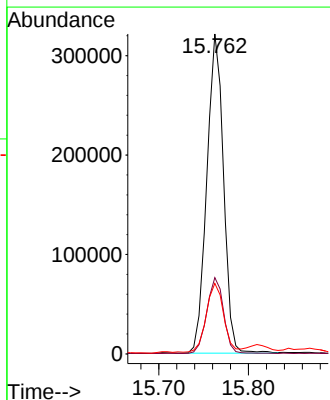
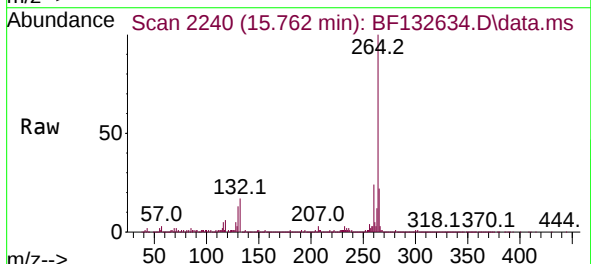
03/06/2023  
Supervised By :Jagrut  
Upadhyay

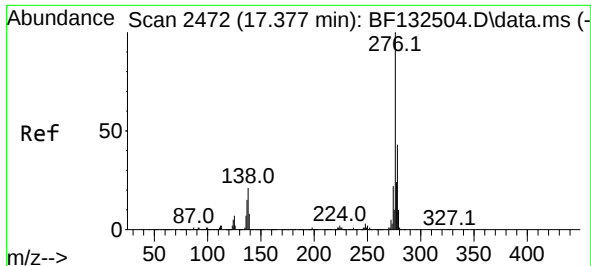
03/06/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.762 min Scan# 2240  
Delta R.T. 0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:264 Resp: 416400  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.8 28.2  
265 22.0 17.1 25.7





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.772 ng  
RT: 17.368 min Scan# 211  
Delta R.T. 0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Instrument :

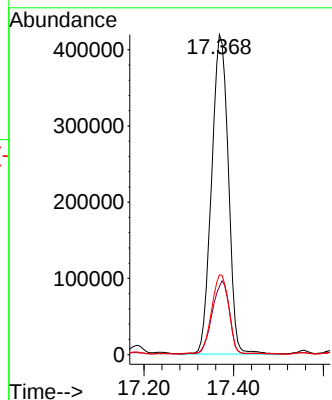
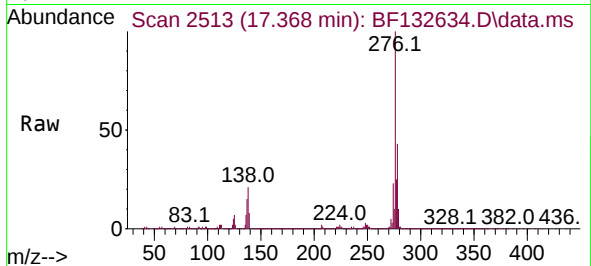
BNA\_F

ClientSampleId :

Tgt Ion:276 Resp: 1085168  
Ion Ratio Lower Upper  
276 100  
138 23.3 19.0 28.4  
277 25.2 20.0 30.0

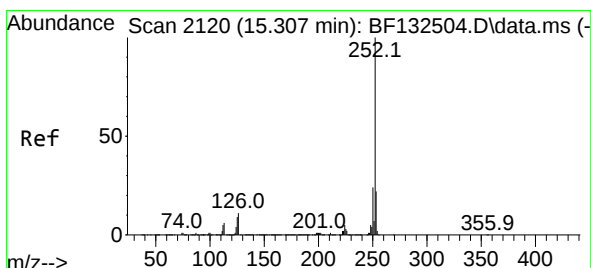
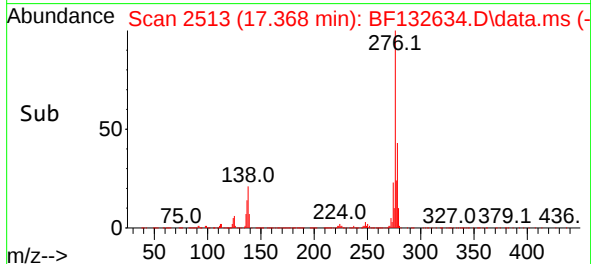
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



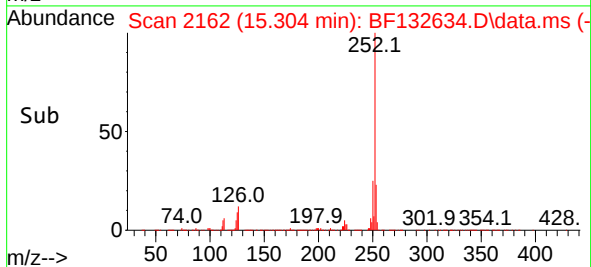
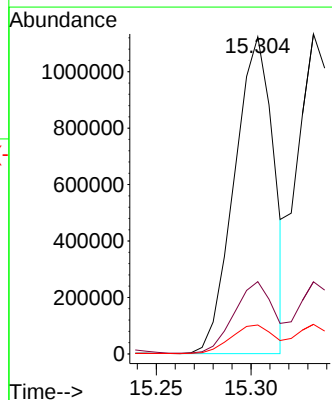
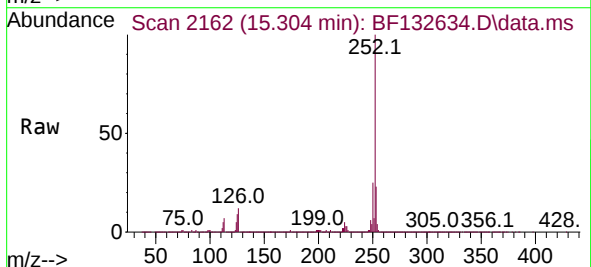
03/06/2023  
Supervised By :Jagrut  
Upadhyay

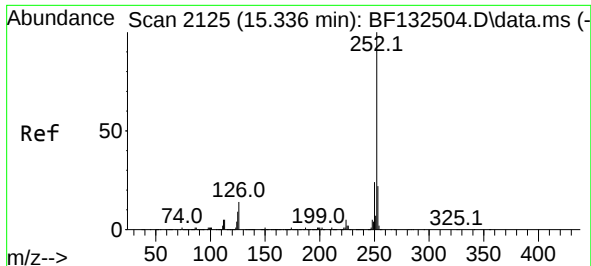
03/06/2023



#88  
Benzo(b)fluoranthene  
Concen: 58.188 ng  
RT: 15.304 min Scan# 2162  
Delta R.T. 0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:252 Resp: 1623729  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.4 26.0  
125 9.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 50.180 ng

RT: 15.333 min Scan# 21

Delta R.T. 0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNF

ClientSampleId :

Tgt Ion:252 Resp: 1370426

Ion Ratio Lower Upper

252 100

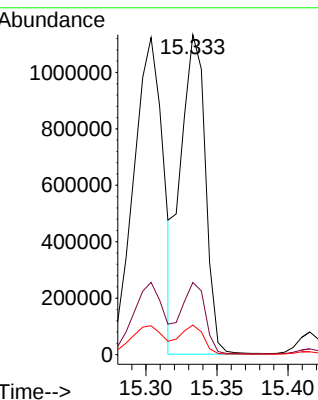
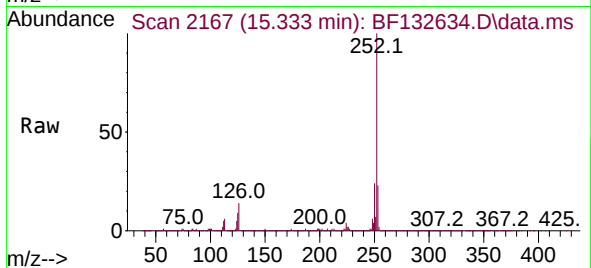
253 22.5 17.5 26.3

125 9.2 7.2 10.8

Manual Integrations

APPROVED

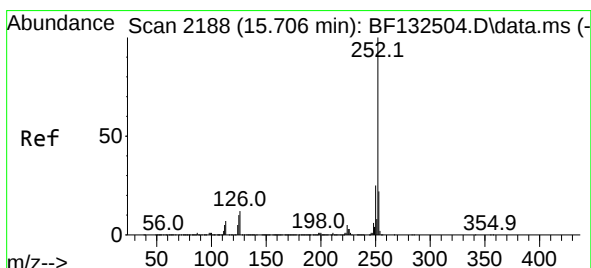
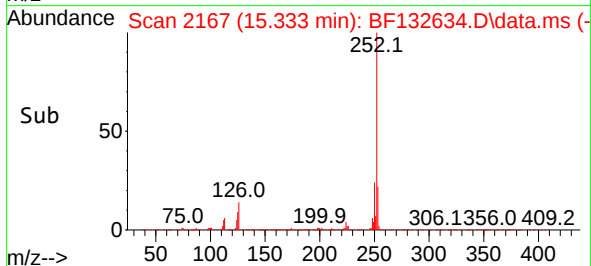
Reviewed By :Christian  
Giraldo



03/06/2023

Supervised By :Jagrut  
Upadhyay

03/06/2023



#90

Benzo(a)pyrene

Concen: 49.128 ng

RT: 15.704 min Scan# 2230

Delta R.T. 0.015 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

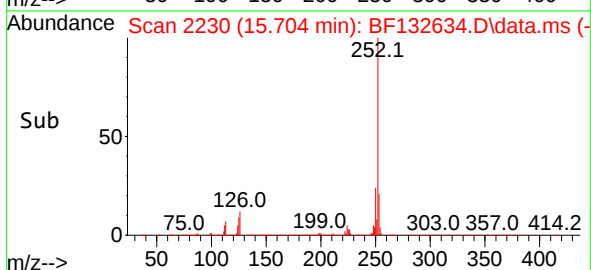
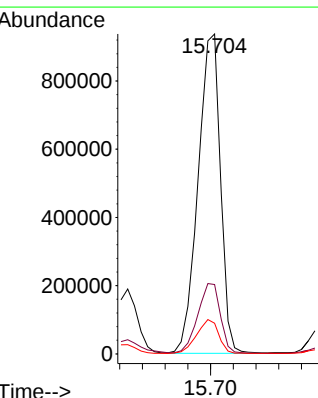
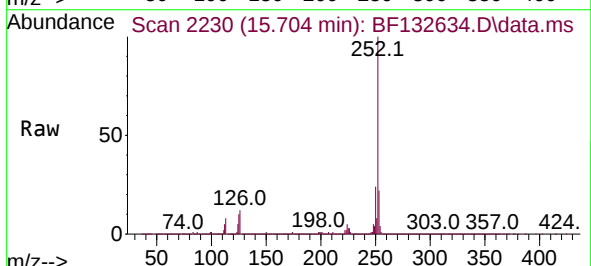
Tgt Ion:252 Resp: 1283077

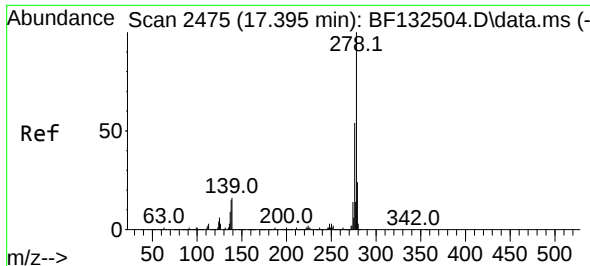
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

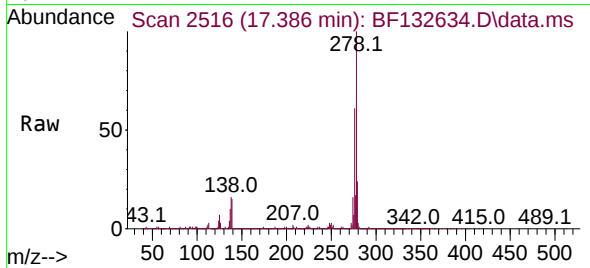
125 9.6 8.0 12.0





#91  
Dibenzo(a,h)anthracene  
Concen: 36.700 ng  
RT: 17.386 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

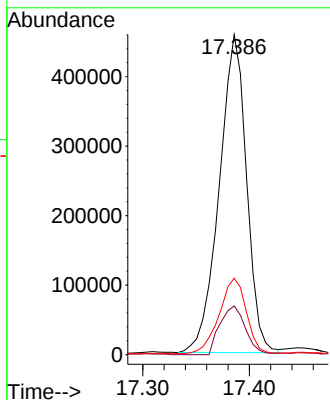
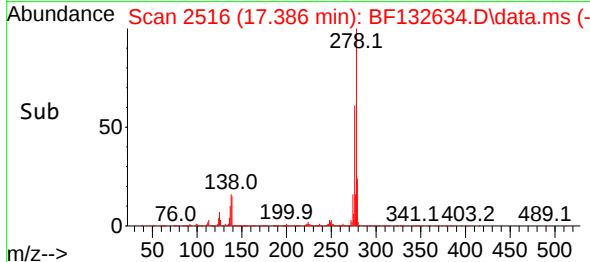
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 815854  
Ion Ratio Lower Upper  
278 100  
139 15.2 13.0 19.4  
279 23.9 19.0 28.4

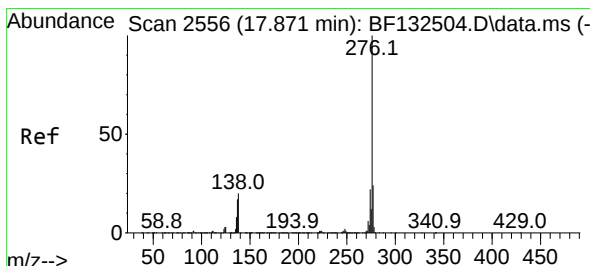
Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo



03/06/2023  
Supervised By :Jagrut  
Upadhyay

03/06/2023



#92  
Benzo(g,h,i)perylene  
Concen: 34.632 ng  
RT: 17.862 min Scan# 2597  
Delta R.T. 0.009 min  
Lab File: BF132634.D  
Acq: 03 Mar 2023 18:06

Tgt Ion:276 Resp: 858361  
Ion Ratio Lower Upper  
276 100  
277 23.5 18.9 28.3  
138 21.1 16.2 24.4

