

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120522\  
 Data File : BF131504.D  
 Acq On : 05 Dec 2022 16:34  
 Operator : CG\JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/06/2022  
 Supervised By : Jagrut Upadhyay 12/06/2022

Quant Time: Dec 06 00:26:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 06 00:24:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.922  | 152  | 90689    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.210  | 136  | 368906   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.974  | 164  | 217822   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.468 | 188  | 403166   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.127 | 240  | 347952   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.645 | 264  | 233212   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 52360    | 10.988 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.534  | 99   | 68056    | 11.194 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 75160    | 10.270 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.763 | 330  | 19717    | 10.759 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.286  | 172  | 161245   | 10.769 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.057 | 244  | 169356   | 7.959  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 12240    | 5.388  | ng    | 98       |
| 3) Pyridine                   | 3.487  | 79   | 34995    | 5.548  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.428  | 42   | 17535    | 4.714  | ng    | # 98     |
| 6) Aniline                    | 6.575  | 93   | 44498m   | 5.585  | ng    |          |
| 8) 2-Chlorophenol             | 6.698  | 128  | 28094    | 5.204  | ng    | 99       |
| 10) Phenol                    | 6.545  | 94   | 38279    | 5.679  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.651  | 93   | 29258    | 5.181  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.857  | 146  | 33512    | 5.209  | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 6.939  | 146  | 34808    | 5.324  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 7.092  | 146  | 33364    | 5.543  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.057  | 79   | 27586    | 5.534  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.192  | 45   | 30722    | 2.844  | ng    | 95       |
| 17) 2-Methylphenol            | 7.163  | 107  | 24551    | 5.336  | ng    | 98       |
| 18) Hexachloroethane          | 7.433  | 117  | 12856    | 5.497  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 25043    | 5.627  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.316  | 107  | 32906    | 5.601  | ng    | 89       |
| 22) Acetophenone              | 7.328  | 105  | 46650    | 4.968  | ng    | # 95     |
| 24) Nitrobenzene              | 7.498  | 77   | 38969    | 5.111  | ng    | 97       |
| 25) Isophorone                | 7.739  | 82   | 59961    | 4.592  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.822  | 139  | 11348    | 5.563  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.851  | 122  | 22100    | 4.366  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.951  | 93   | 33083    | 4.461  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.057  | 162  | 24715    | 4.502  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 8.151  | 180  | 31978    | 4.702  | ng    | 96       |
| 31) Naphthalene               | 8.233  | 128  | 101451   | 5.161  | ng    | 100      |
| 33) 4-Chloroaniline           | 8.280  | 127  | 38170    | 4.922  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.345  | 225  | 24375    | 5.535  | ng    | 95       |
| 35) Caprolactam               | 8.610  | 113  | 7400     | 5.129  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.751  | 107  | 29596    | 5.189  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.927  | 142  | 70219    | 5.272  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.027  | 142  | 66247    | 5.129  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.092  | 216  | 39101    | 5.532  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.075  | 237  | 13209    | 4.157  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.204  | 196  | 20777    | 5.181  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 9.239  | 196  | 23247    | 5.156  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.392  | 154  | 85424    | 5.139  | ng    | 100      |

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 Operator : CG\JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 12/06/2022  
 Supervised By :Jagrut Upadhyay 12/06/2022

Quant Time: Dec 06 00:26:28 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 06 00:24:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 47) 2-Chloronaphthalene       | 9.416  | 162  | 69693    | 5.227 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.510  | 65   | 18046    | 4.457 | ng    | # 79     |
| 49) Acenaphthylene            | 9.833  | 152  | 101767   | 5.007 | ng    | 98       |
| 50) Dimethylphthalate         | 9.686  | 163  | 75879    | 5.000 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.751  | 165  | 15261    | 5.028 | ng    | 95       |
| 52) Acenaphthene              | 10.010 | 154  | 63716    | 5.006 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.922  | 138  | 16489    | 5.287 | ng    | 99       |
| 55) Dibenzofuran              | 10.180 | 168  | 94065    | 5.137 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.074 | 139  | 10303    | 4.760 | ng    | 85       |
| 57) 2,4-Dinitrotoluene        | 10.157 | 165  | 18095    | 4.738 | ng    | # 83     |
| 58) Fluorene                  | 10.521 | 166  | 76348    | 5.342 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.292 | 232  | 17878m   | 4.761 | ng    |          |
| 60) Diethylphthalate          | 10.392 | 149  | 68834    | 4.803 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.516 | 204  | 39897    | 5.446 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.533 | 138  | 14815    | 4.773 | ng    | 96       |
| 63) Azobenzene                | 10.674 | 77   | 79122    | 5.135 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.563 | 198  | 7686     | 4.844 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.633 | 169  | 62654    | 4.877 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.010 | 248  | 23379    | 4.731 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.069 | 284  | 25676    | 4.896 | ng    | 99       |
| 69) Atrazine                  | 11.157 | 200  | 18215    | 4.605 | ng    | 97       |
| 71) Phenanthrene              | 11.492 | 178  | 108073   | 4.960 | ng    | 99       |
| 72) Anthracene                | 11.545 | 178  | 105148   | 4.910 | ng    | 99       |
| 73) Carbazole                 | 11.698 | 167  | 92664    | 5.073 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.027 | 149  | 95883    | 4.455 | ng    | 100      |
| 75) Fluoranthene              | 12.686 | 202  | 125195   | 5.453 | ng    | 98       |
| 78) Pyrene                    | 12.921 | 202  | 133075   | 4.335 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.539 | 149  | 29075    | 3.287 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.115 | 228  | 114908   | 4.818 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 14.074 | 252  | 29432    | 4.650 | ng    | # 93     |
| 83) Chrysene                  | 14.151 | 228  | 112550   | 4.810 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149  | 36881    | 3.089 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.721 | 149  | 44539    | 2.474 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.186 | 276  | 52764    | 3.369 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.192 | 252  | 68752    | 4.438 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.221 | 252  | 83307m   | 5.232 | ng    |          |
| 90) Benzo(a)pyrene            | 15.580 | 252  | 56332    | 4.431 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.215 | 278  | 40064    | 3.098 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.662 | 276  | 47363    | 3.670 | ng    | 96       |

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

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 Acq On : 05 Dec 2022 16:34  
 Operator : CG\JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

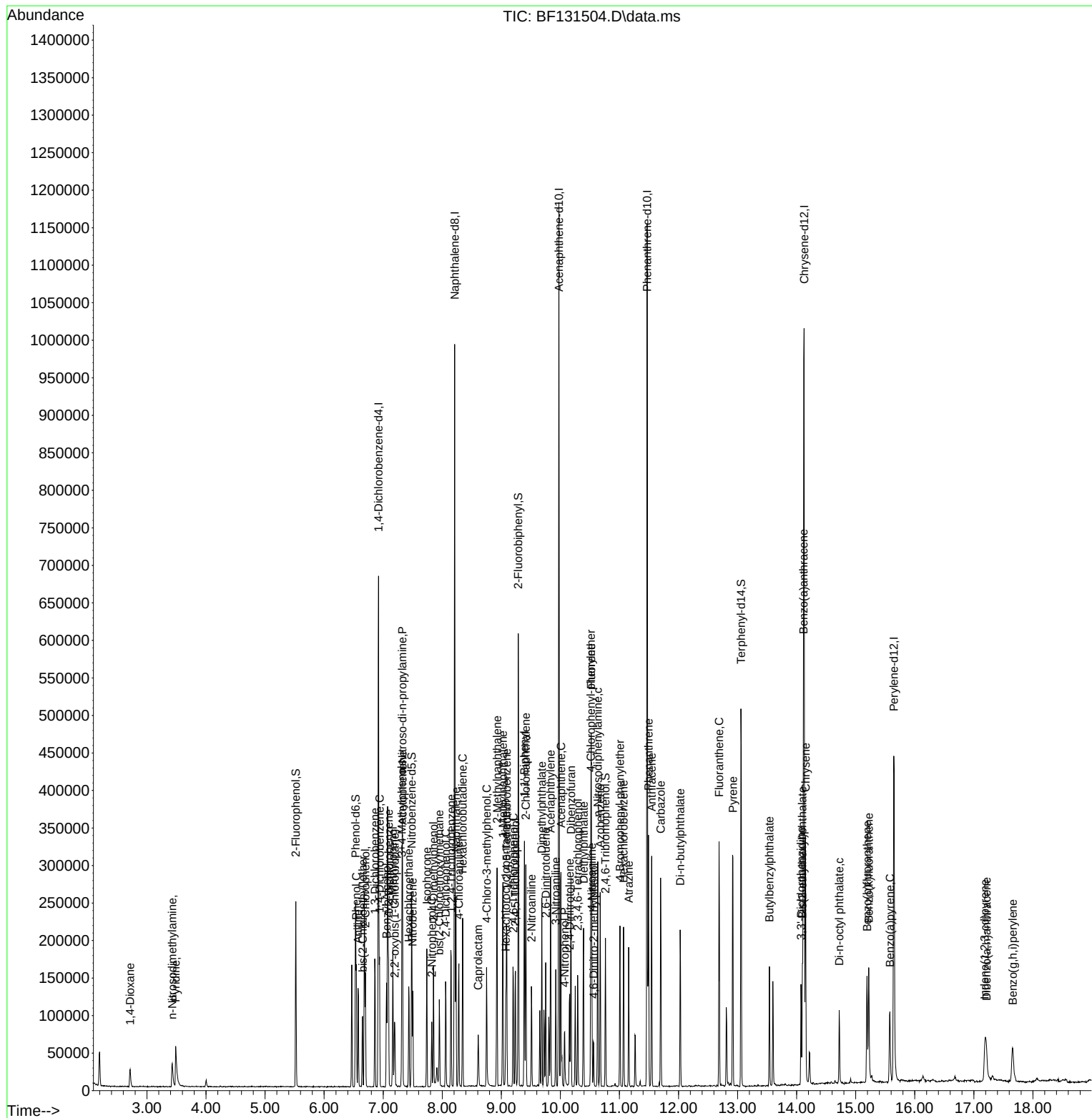
Manual Integrations

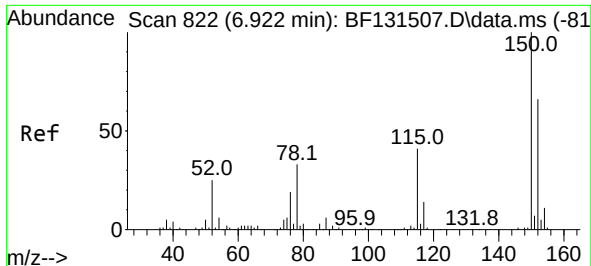
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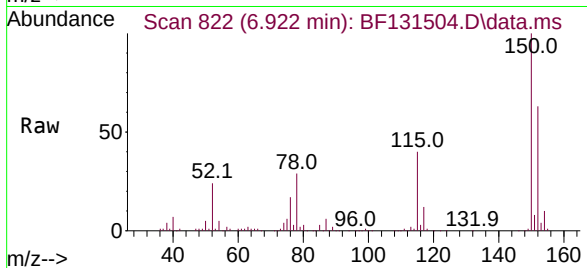
Quant Time: Dec 06 00:26:28 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.922 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

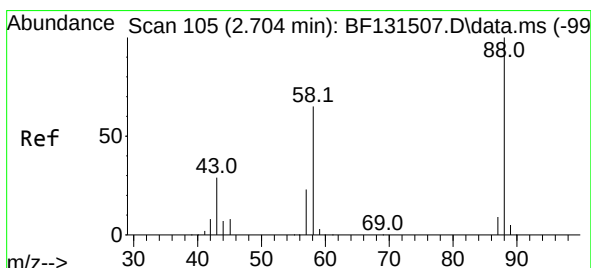
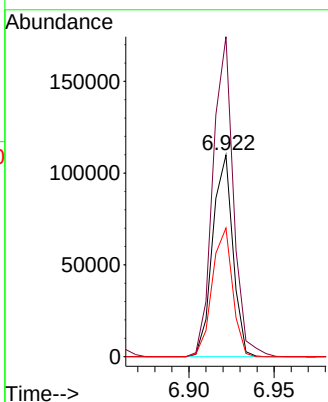
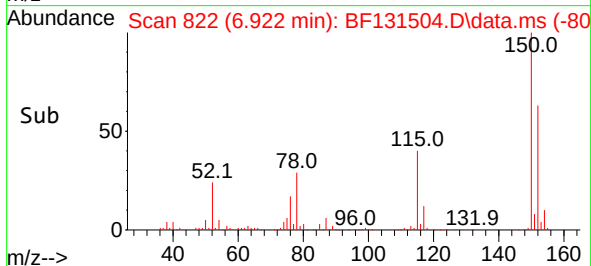
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:152 Resp: 90689  
Ion Ratio Lower Upper  
152 100  
150 158.8 121.9 182.9  
115 63.8 50.4 75.6

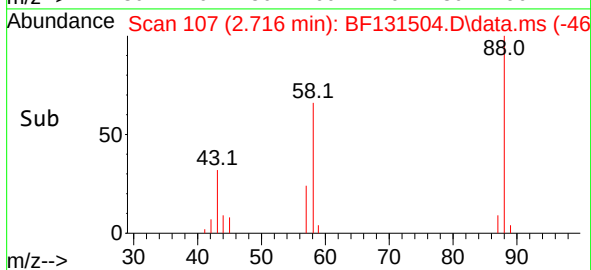
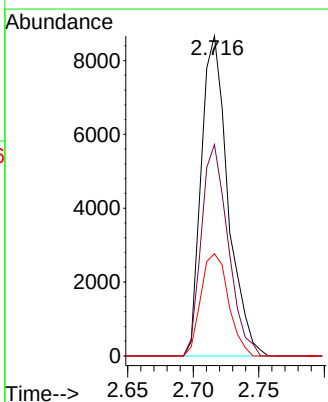
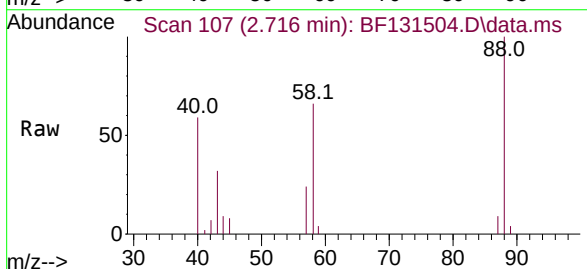
Manual Integrations  
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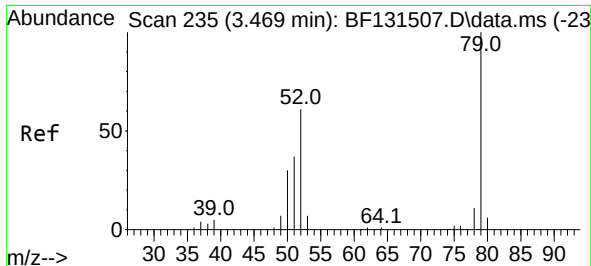
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#2  
1,4-Dioxane  
Concen: 5.388 ng  
RT: 2.716 min Scan# 107  
Delta R.T. 0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion: 88 Resp: 12240  
Ion Ratio Lower Upper  
88 100  
58 66.3 52.9 79.3  
43 33.0 23.8 35.6





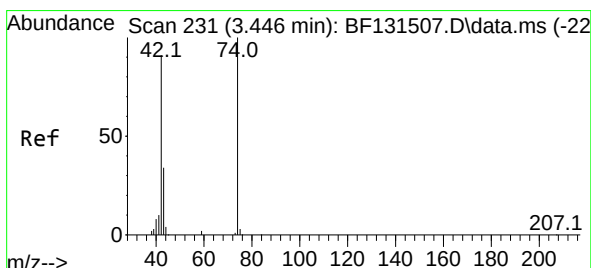
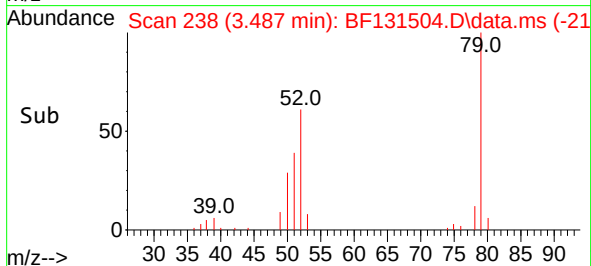
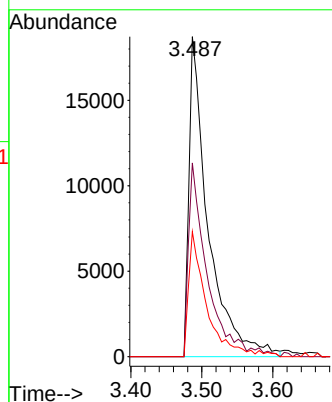
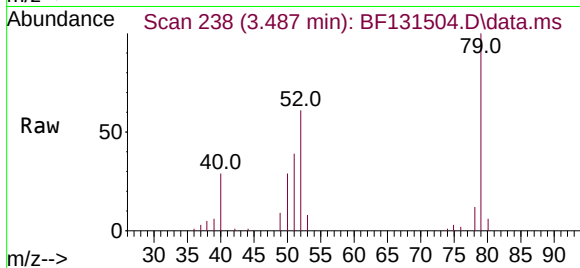
#3  
Pyridine  
Concen: 5.548 ng  
RT: 3.487 min Scan# 235  
Delta R.T. 0.018 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion: 79 Resp: 34995  
Ion Ratio Lower Upper  
79 100  
52 60.5 48.5 72.7  
51 39.0 29.4 44.0

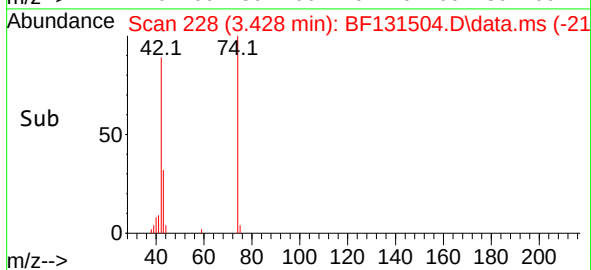
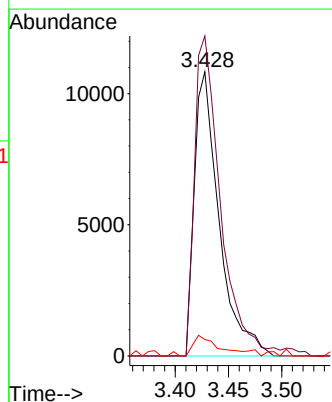
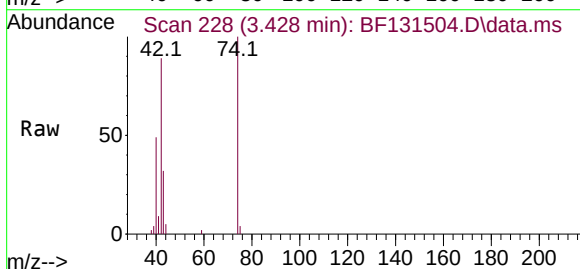
Manual Integrations  
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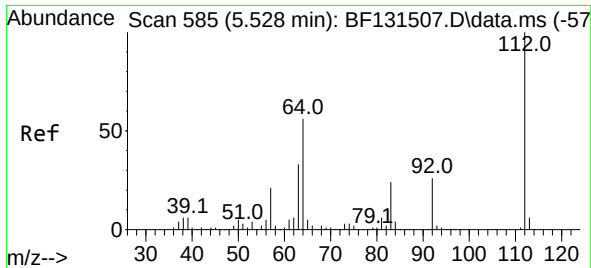
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Supervised By :Jagrut Upadhyay 12/06/2022



#4  
n-Nitrosodimethylamine  
Concen: 4.714 ng  
RT: 3.428 min Scan# 228  
Delta R.T. -0.018 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion: 42 Resp: 17535  
Ion Ratio Lower Upper  
42 100  
74 112.6 88.1 132.1  
44 5.8 3.7 5.5#





#5  
2-Fluorophenol  
Concen: 10.988 ng  
RT: 5.522 min Scan# 584  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

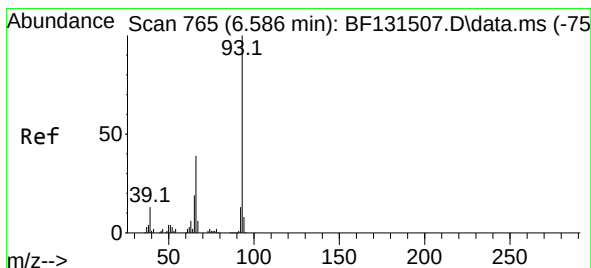
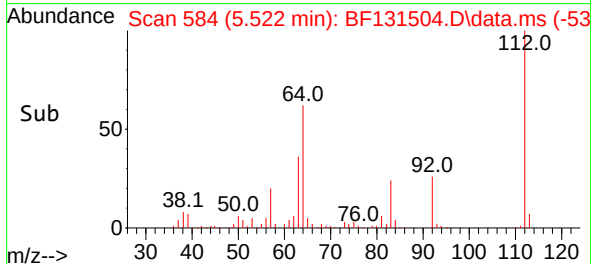
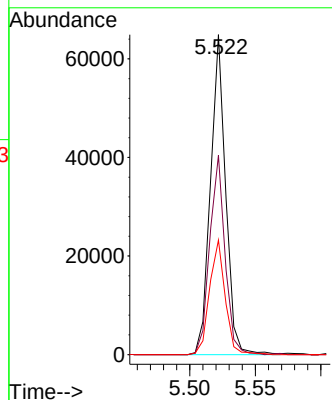
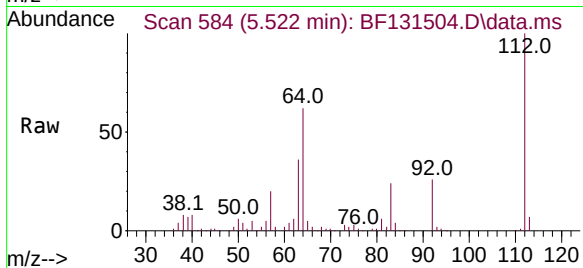
SSTDICC005

Tgt Ion:112 Resp: 52360  
Ion Ratio Lower Upper  
112 100  
64 62.3 44.5 66.7  
63 35.8 26.7 40.1

Manual Integrations

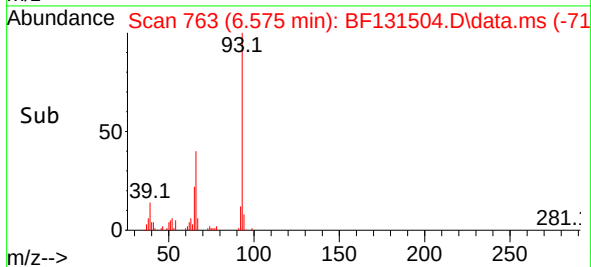
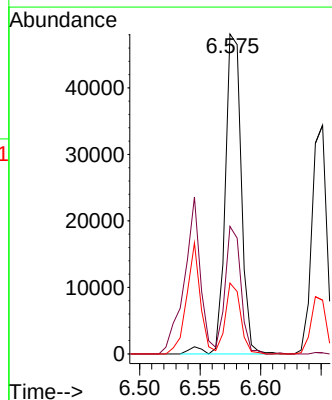
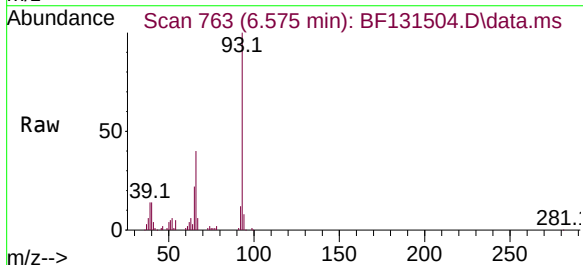
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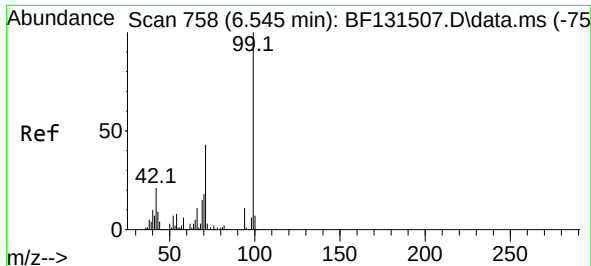
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#6  
Aniline  
Concen: 5.585 ng m  
RT: 6.575 min Scan# 763  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

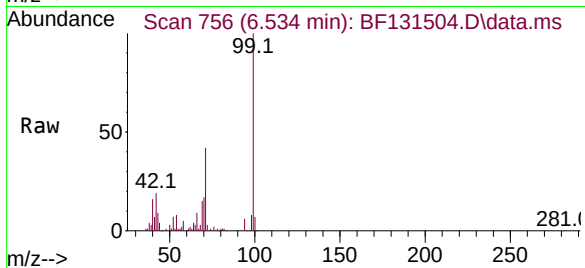
Tgt Ion: 93 Resp: 44498  
Ion Ratio Lower Upper  
93 100  
66 39.8 32.6 49.0  
65 22.1 15.8 23.8





#7  
Phenol-d6  
Concen: 11.194 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

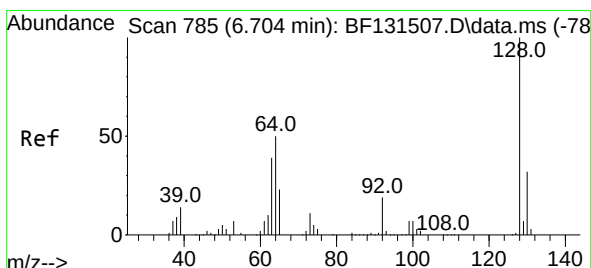
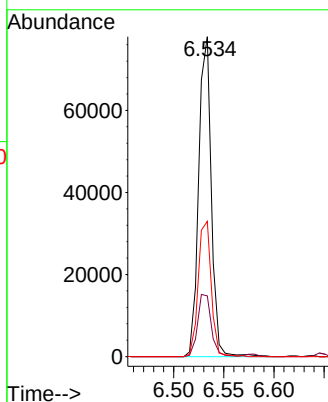
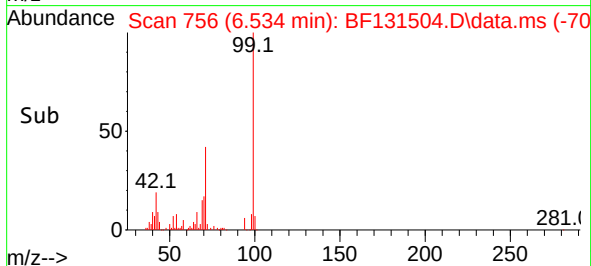
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion: 99 Resp: 68056  
Ion Ratio Lower Upper  
99 100  
42 19.0 16.6 25.0  
71 42.3 34.4 51.6

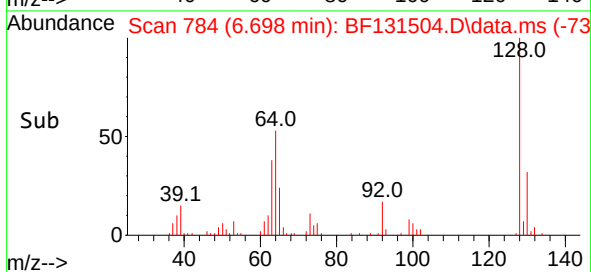
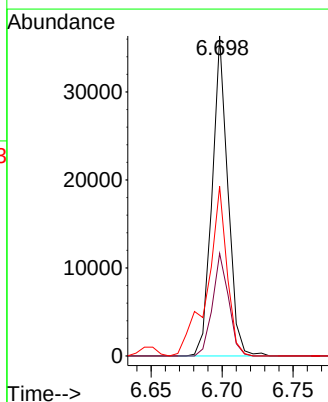
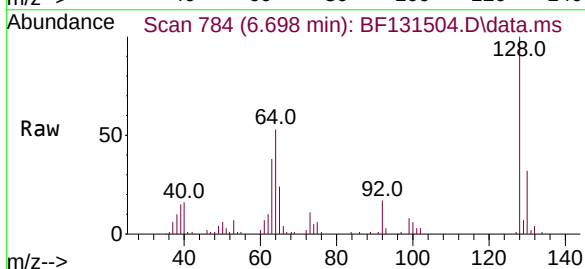
Manual Integrations  
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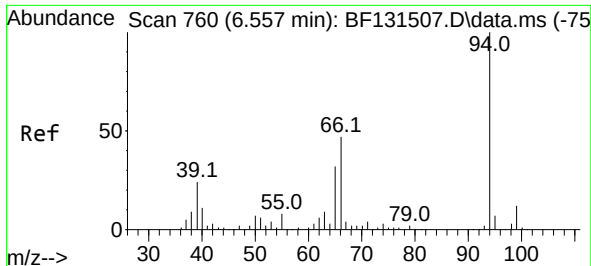
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#8  
2-Chlorophenol  
Concen: 5.204 ng  
RT: 6.698 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

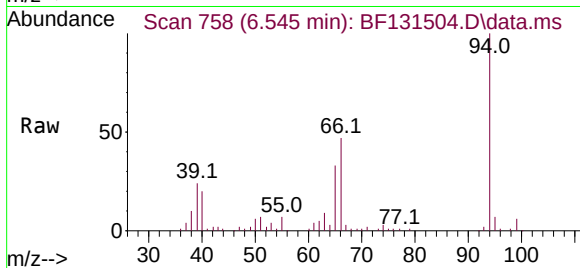
Tgt Ion:128 Resp: 28094  
Ion Ratio Lower Upper  
128 100  
130 32.0 11.9 51.9  
64 53.0 31.7 71.7





#10  
Phenol  
Concen: 5.679 ng  
RT: 6.545 min Scan# 710  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

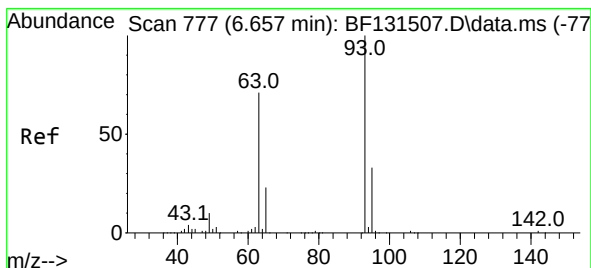
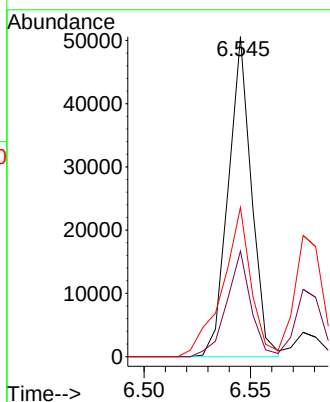
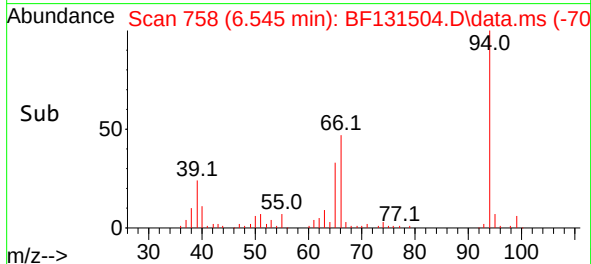
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion: 94 Resp: 38279  
Ion Ratio Lower Upper  
94 100  
65 33.0 12.1 52.1  
66 46.6 27.1 67.1

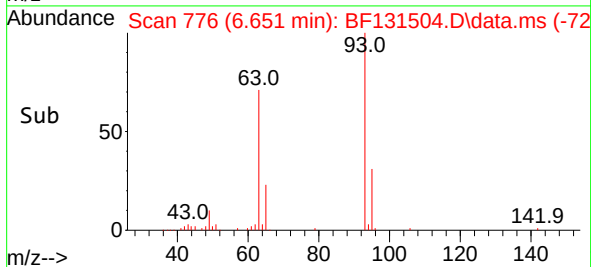
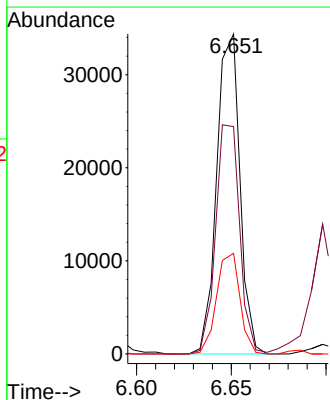
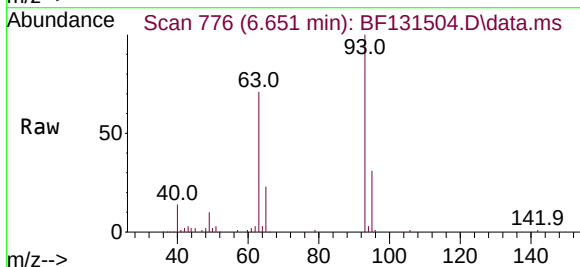
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Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

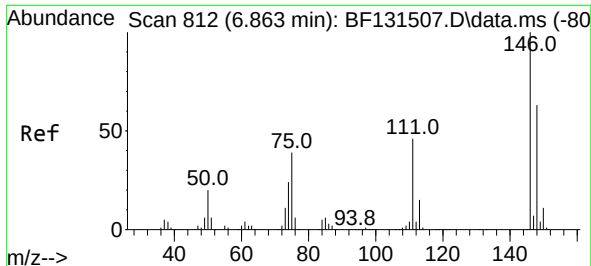


#11  
bis(2-Chloroethyl)ether  
Concen: 5.181 ng  
RT: 6.651 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion: 93 Resp: 29258  
Ion Ratio Lower Upper  
93 100  
63 71.0 51.2 91.2  
95 31.4 13.0 53.0







#12

1,3-Dichlorobenzene

Concen: 5.209 ng

RT: 6.857 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

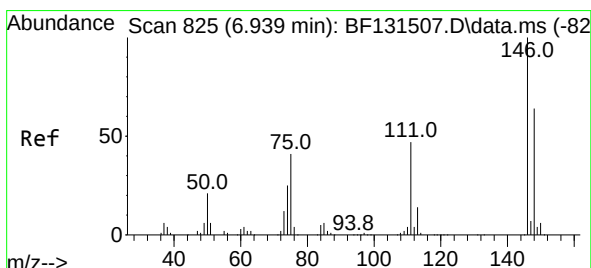
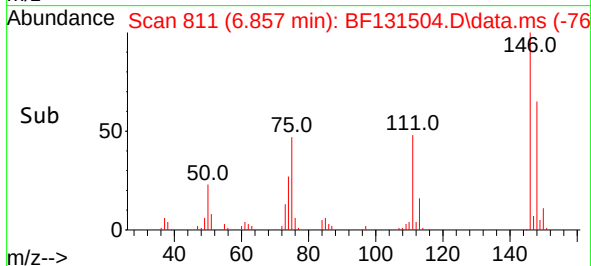
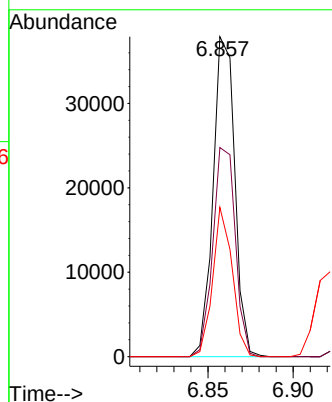
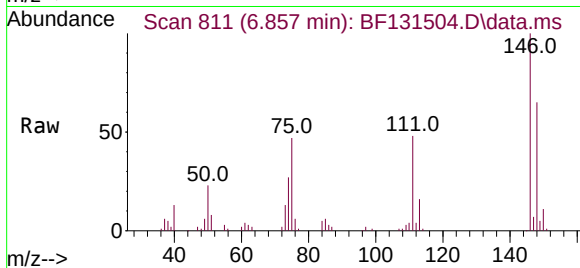
Tgt Ion:146 Resp: 33512

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.3  | 50.2  | 75.4  |
| 75  | 46.6  | 31.4  | 47.2  |

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#13

1,4-Dichlorobenzene

Concen: 5.324 ng

RT: 6.939 min Scan# 825

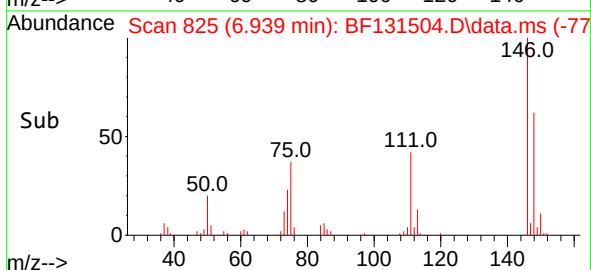
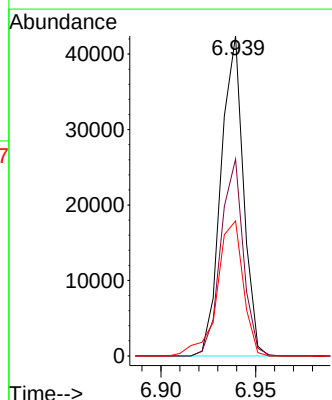
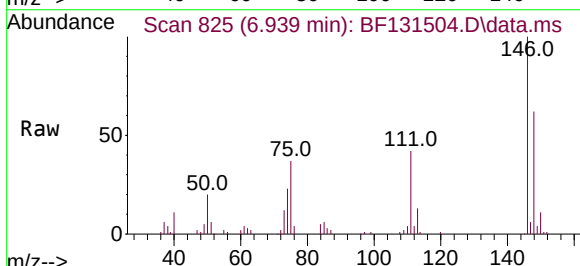
Delta R.T. -0.000 min

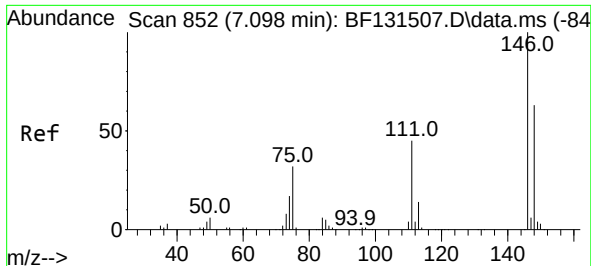
Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Tgt Ion:146 Resp: 34808

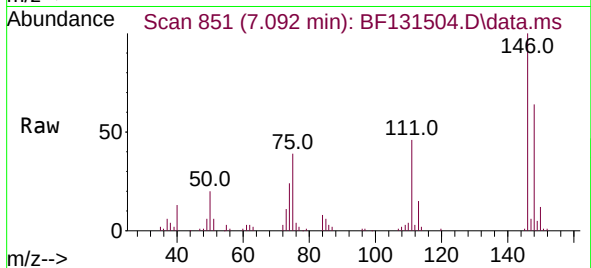
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 61.5  | 50.9  | 76.3  |
| 111 | 42.2  | 37.6  | 56.4  |





#14  
1,2-Dichlorobenzene  
Concen: 5.543 ng  
RT: 7.092 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

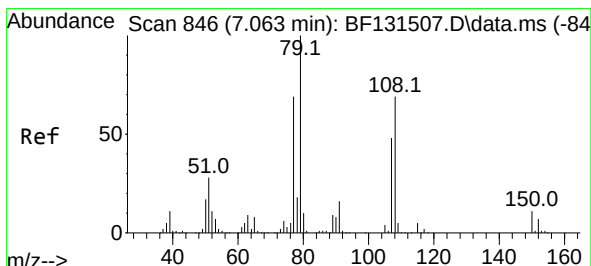
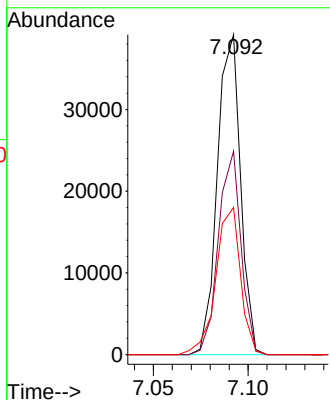
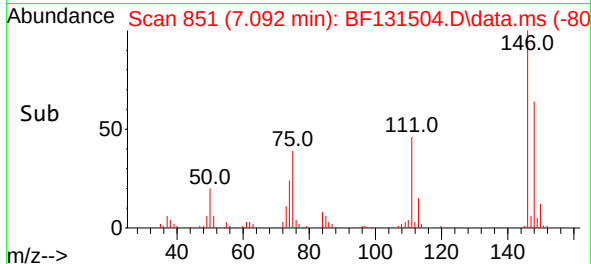
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



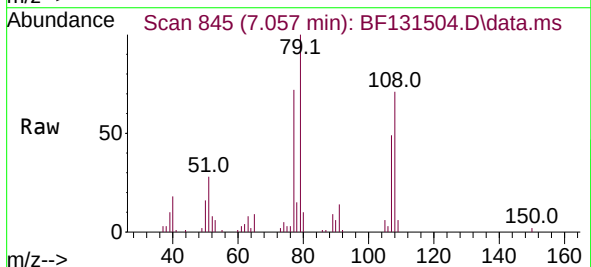
Tgt Ion:146 Resp: 33364  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.6 75.8  
111 46.0 36.1 54.1

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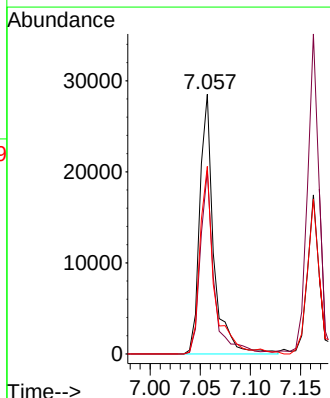
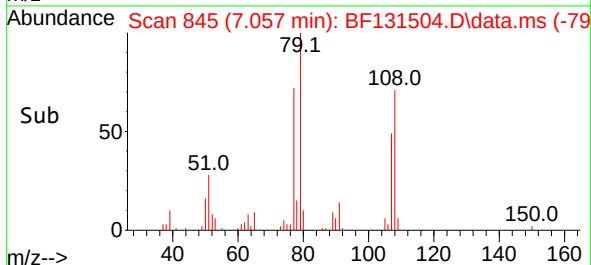
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

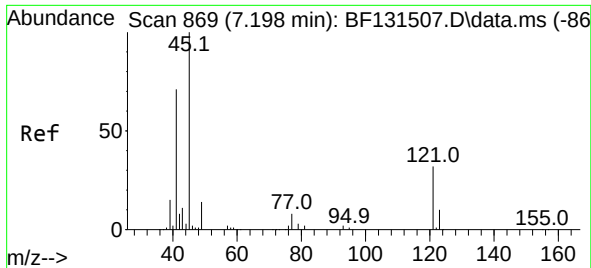


#15  
Benzyl Alcohol  
Concen: 5.534 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



Tgt Ion: 79 Resp: 27586  
Ion Ratio Lower Upper  
79 100  
108 70.7 55.1 82.7  
77 72.2 55.4 83.0





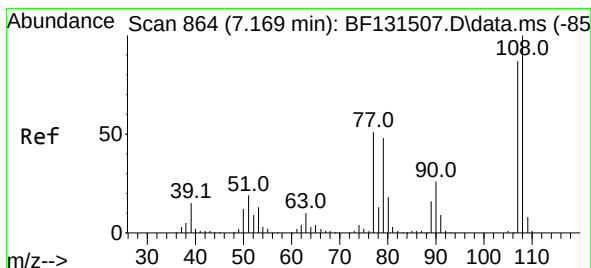
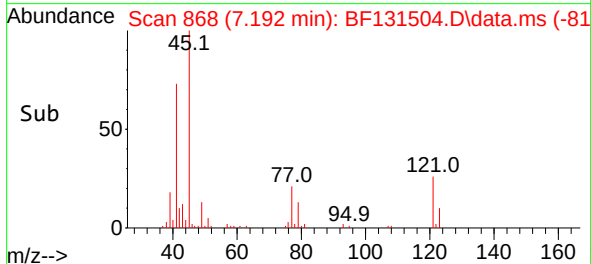
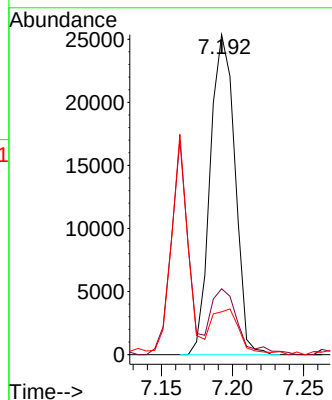
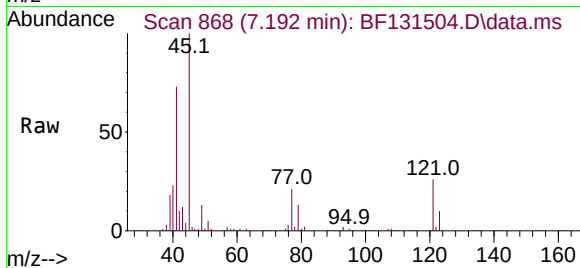
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 2.844 ng  
RT: 7.192 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion: 45 Resp: 3072  
Ion Ratio Lower Upper  
45 100  
77 20.6 1.8 41.8  
79 13.4 0.0 36.4

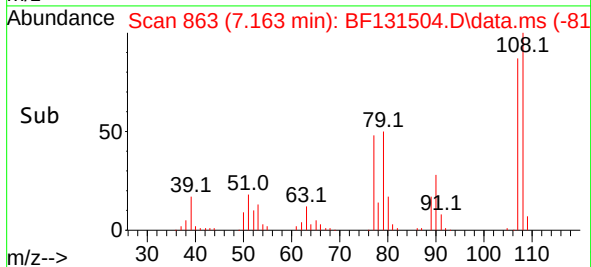
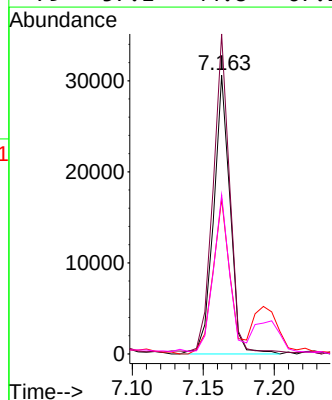
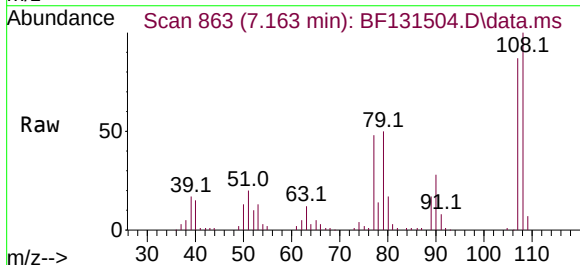
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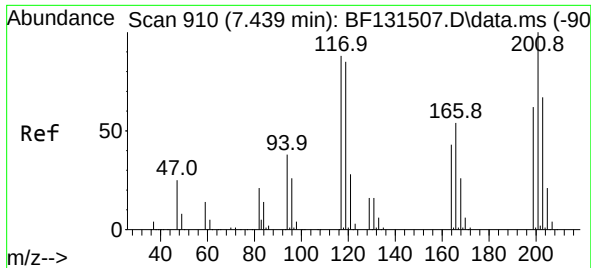
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#17  
2-Methylphenol  
Concen: 5.336 ng  
RT: 7.163 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:107 Resp: 24551  
Ion Ratio Lower Upper  
107 100  
108 114.8 92.1 138.1  
77 55.6 47.0 70.4  
79 57.1 44.8 67.2





#18  
Hexachloroethane  
Concen: 5.497 ng  
RT: 7.433 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

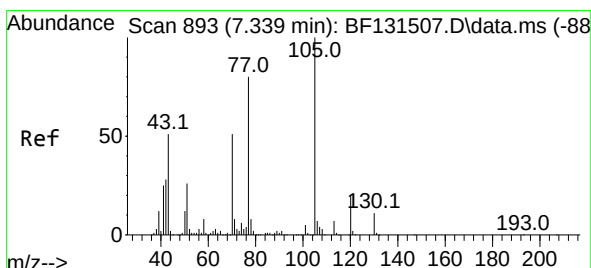
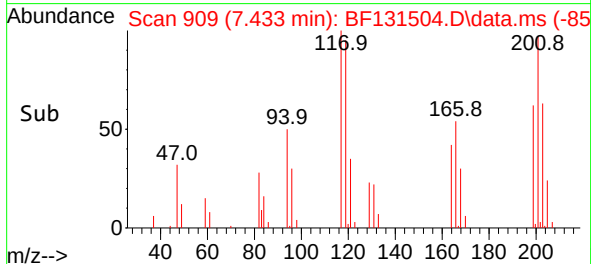
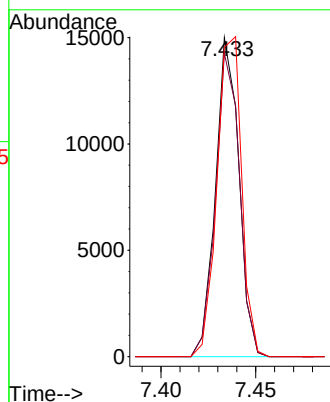
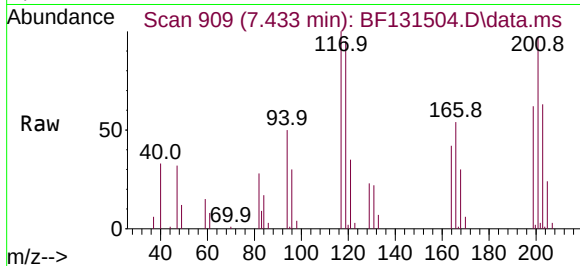
SSTDICC005

Tgt Ion:117 Resp: 12856  
Ion Ratio Lower Upper  
117 100  
119 95.0 77.8 116.8  
201 97.0 91.1 136.7

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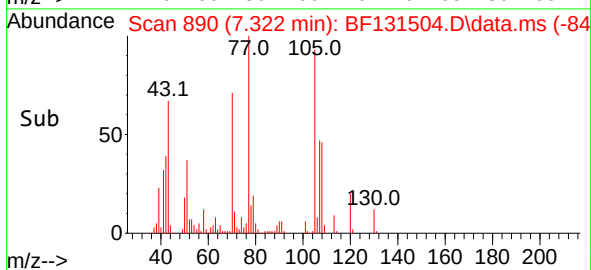
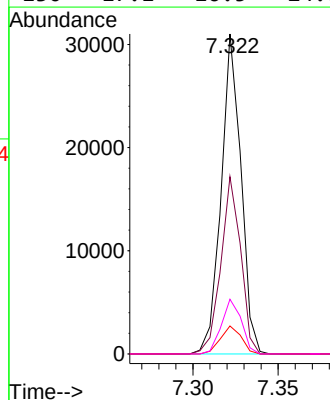
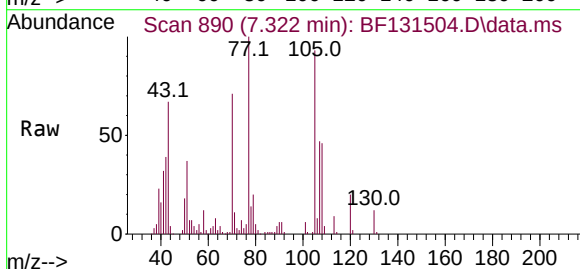
APPROVED

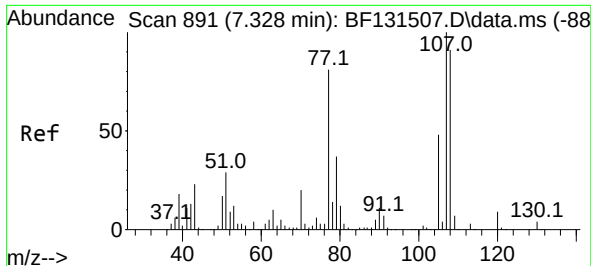
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#19  
n-Nitroso-di-n-propylamine  
Concen: 5.627 ng  
RT: 7.322 min Scan# 890  
Delta R.T. -0.018 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion: 70 Resp: 25043  
Ion Ratio Lower Upper  
70 100  
42 55.4 44.1 66.1  
101 8.7 7.7 11.5  
130 17.1 16.5 24.7





#20

3+4-Methylphenols

Concen: 5.601 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

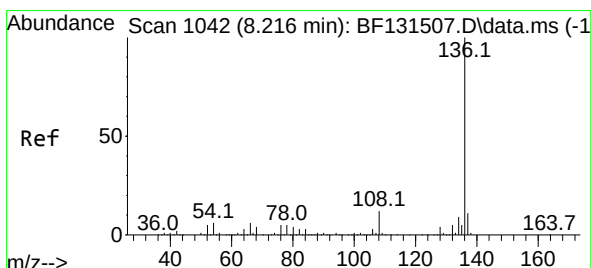
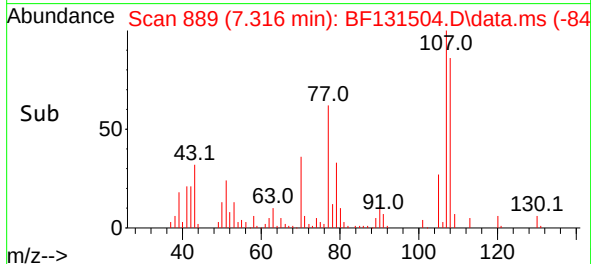
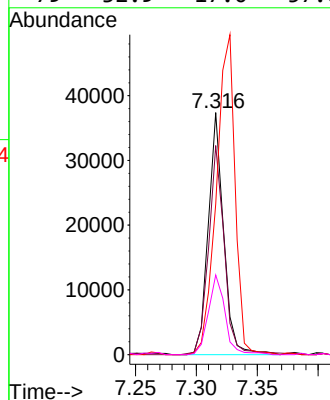
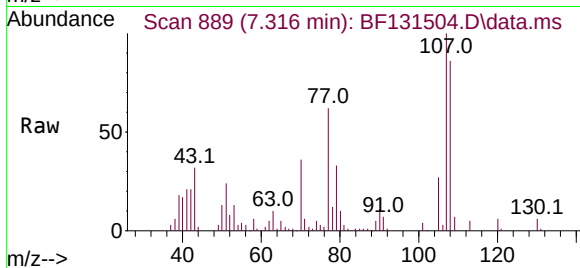
SSTDICC005

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:107 | Resp: | 32906      |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 108         | 86.4  | 70.8 110.8 |
| 77          | 62.2  | 60.7 100.7 |
| 79          | 32.9  | 17.0 57.0  |

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#21

Naphthalene-d8

Concen: 20.000 ng

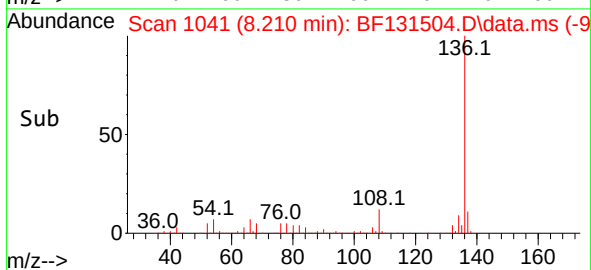
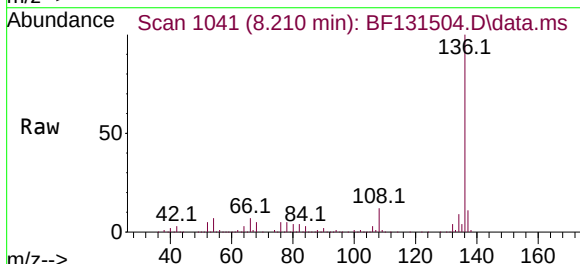
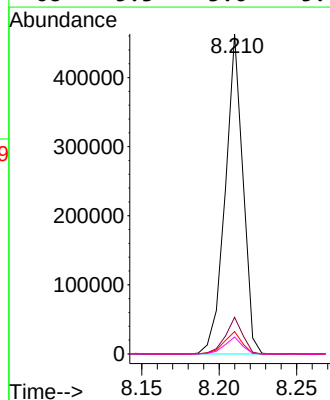
RT: 8.210 min Scan# 1041

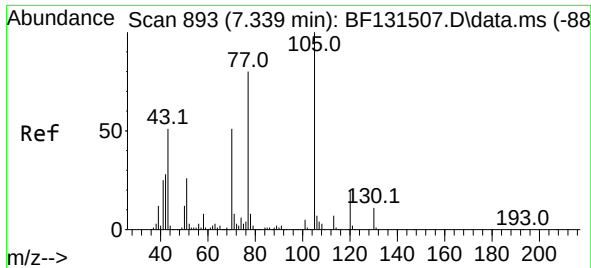
Delta R.T. -0.006 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 368906   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.4  | 8.8 13.2 |
| 54          | 7.0   | 5.0 7.6  |
| 68          | 5.3   | 3.6 5.4  |





#22  
Acetophenone  
Concen: 4.968 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

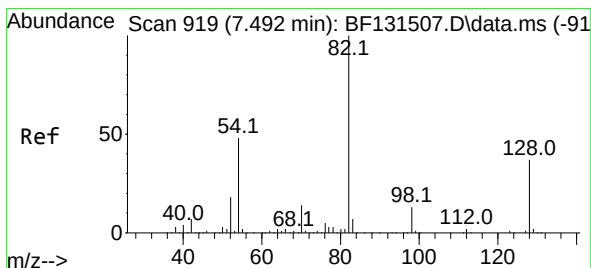
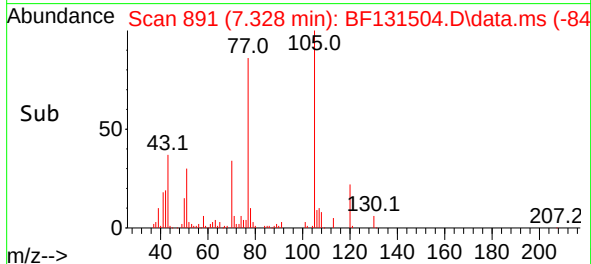
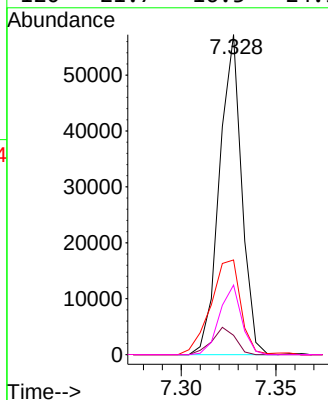
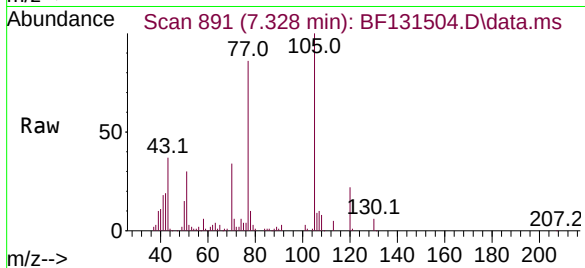
SSTDICC005

Tgt Ion:105 Resp: 46650  
Ion Ratio Lower Upper  
105 100  
71 6.0 6.6 10.0  
51 29.6 21.0 31.6  
120 21.7 16.3 24.5

Manual Integrations

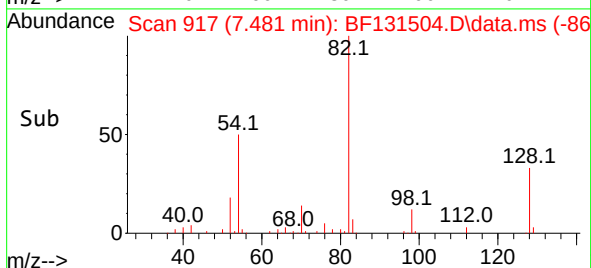
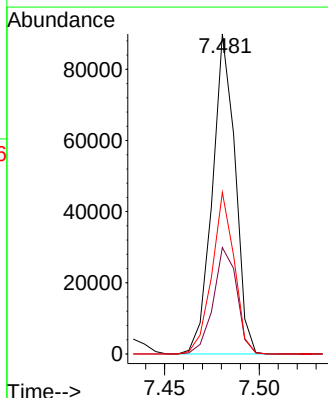
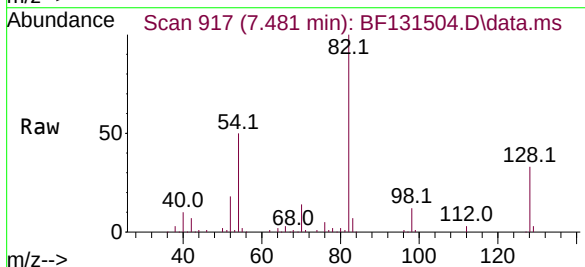
APPROVED

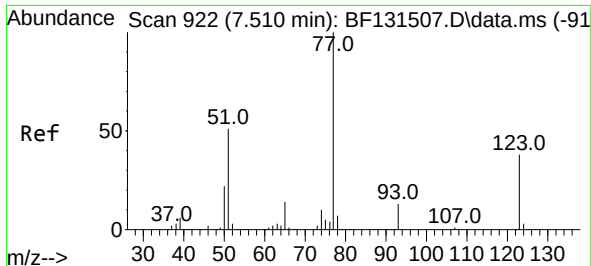
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#23  
Nitrobenzene-d5  
Concen: 10.270 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion: 82 Resp: 75160  
Ion Ratio Lower Upper  
82 100  
128 33.2 29.7 44.5  
54 50.5 38.7 58.1





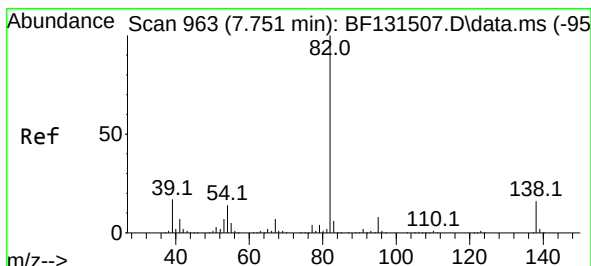
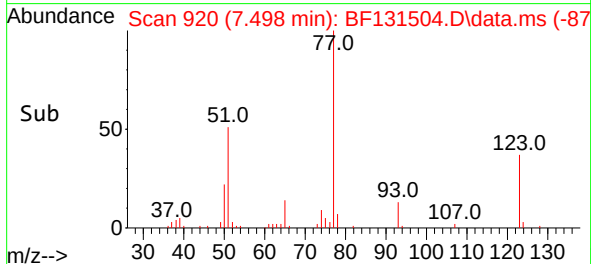
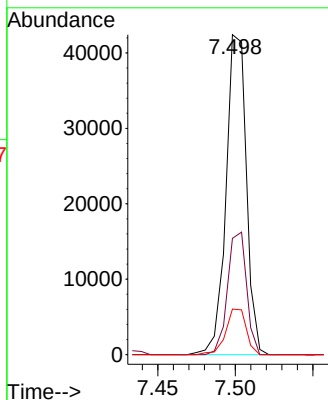
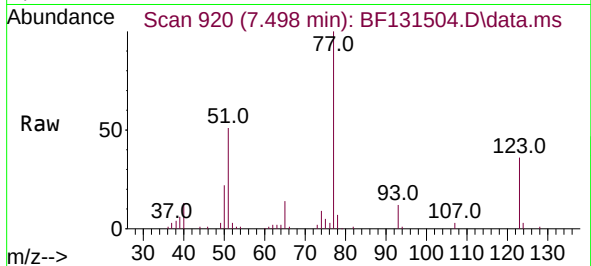
#24  
Nitrobenzene  
Concen: 5.111 ng  
RT: 7.498 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion: 77 Resp: 38969  
Ion Ratio Lower Upper  
77 100  
123 36.3 31.0 46.4  
65 14.2 11.4 17.2

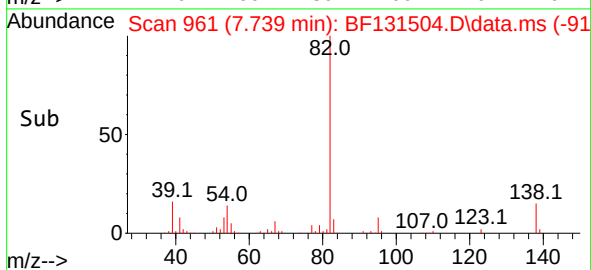
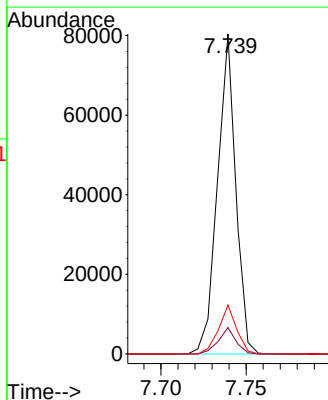
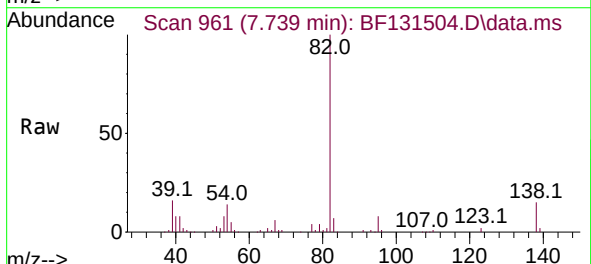
Manual Integrations  
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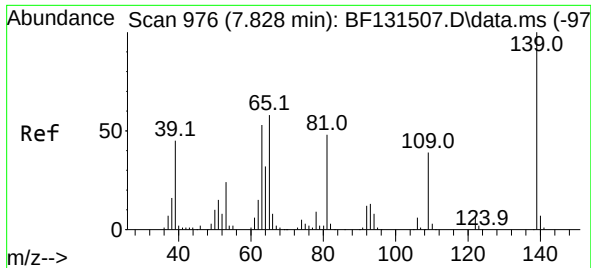
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#25  
Isophorone  
Concen: 4.592 ng  
RT: 7.739 min Scan# 961  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion: 82 Resp: 59961  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.6 9.8  
138 15.3 12.7 19.1





#26  
2-Nitrophenol  
Concen: 5.563 ng  
RT: 7.822 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

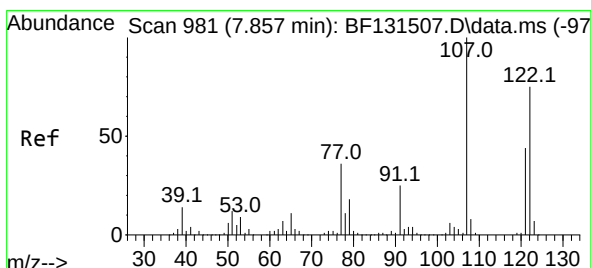
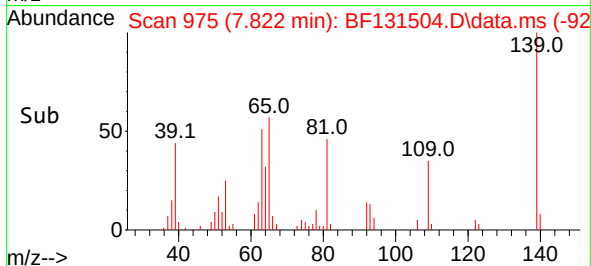
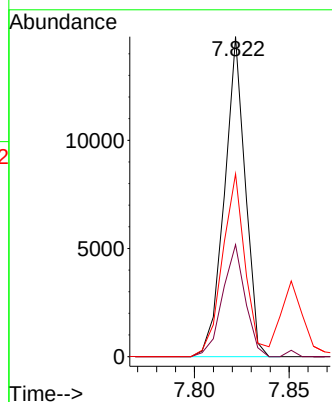
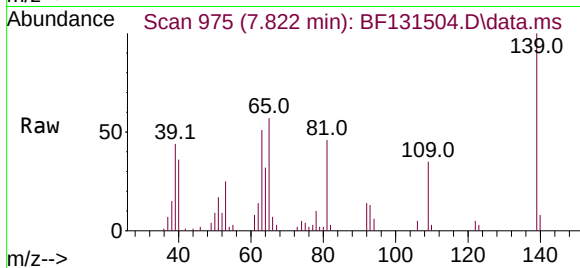
SSTDICC005

Tgt Ion:139 Resp: 11348  
Ion Ratio Lower Upper  
139 100  
109 35.0 31.6 47.4  
65 57.1 46.8 70.2

Manual Integrations

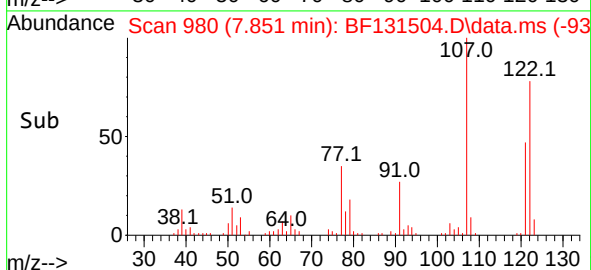
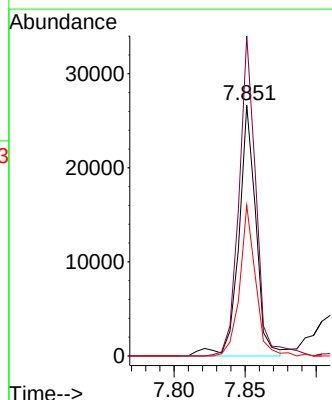
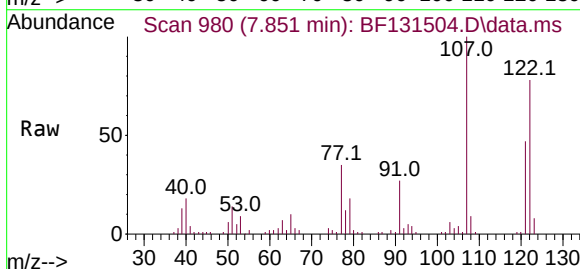
APPROVED

Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

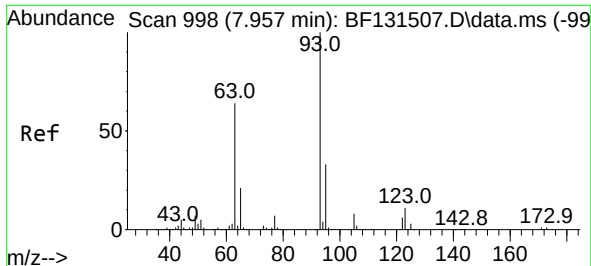


#27  
2,4-Dimethylphenol  
Concen: 4.366 ng  
RT: 7.851 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:122 Resp: 22100  
Ion Ratio Lower Upper  
122 100  
107 127.6 106.8 160.2  
121 60.0 47.3 70.9







#28

bis(2-Chloroethoxy)methane

Concen: 4.461 ng

RT: 7.951 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 33083

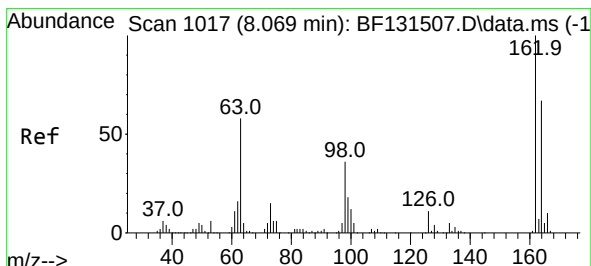
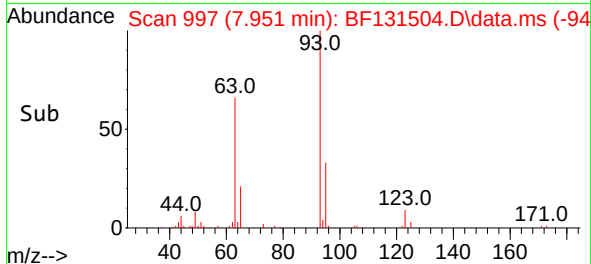
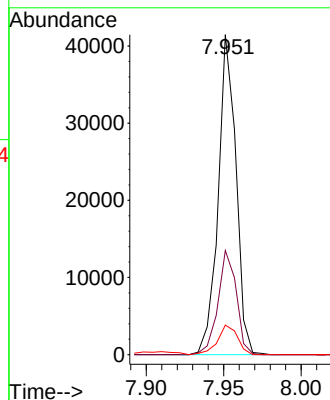
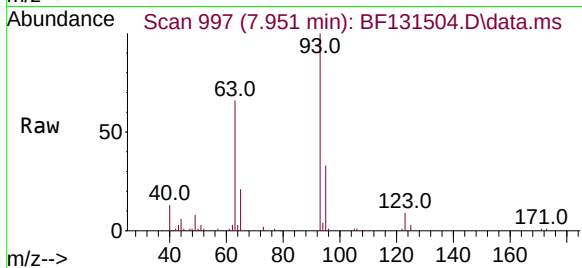
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.5  | 26.4  | 39.6  |
| 123 | 9.2   | 8.7   | 13.1  |

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#29

2,4-Dichlorophenol

Concen: 4.502 ng

RT: 8.057 min Scan# 1015

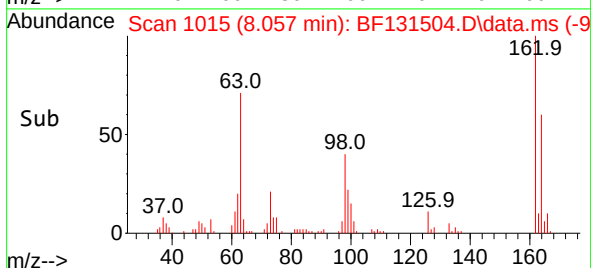
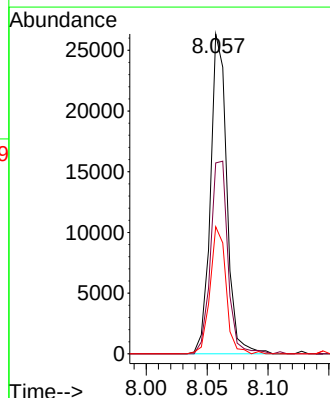
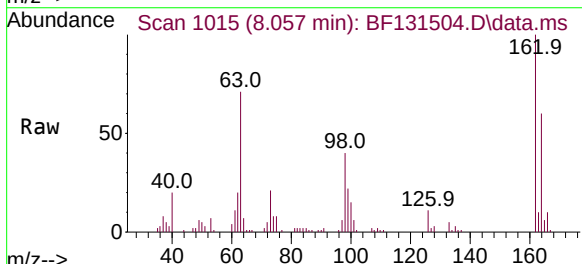
Delta R.T. -0.012 min

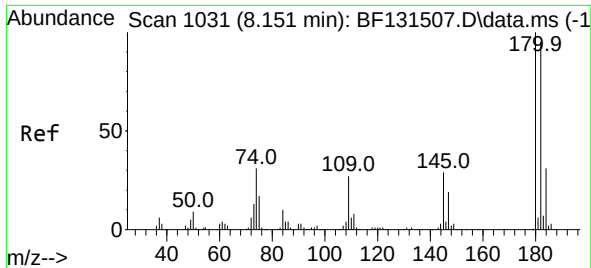
Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Tgt Ion:162 Resp: 24715

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 59.7  | 47.3  | 87.3  |
| 98  | 39.7  | 16.3  | 56.3  |





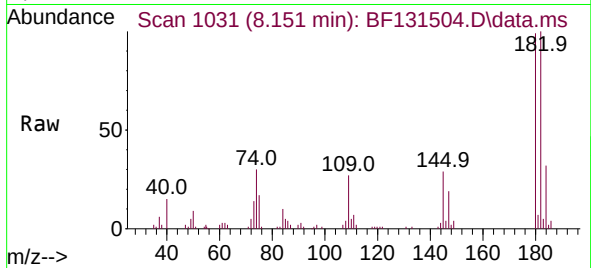
#30  
1,2,4-Trichlorobenzene  
Concen: 4.702 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

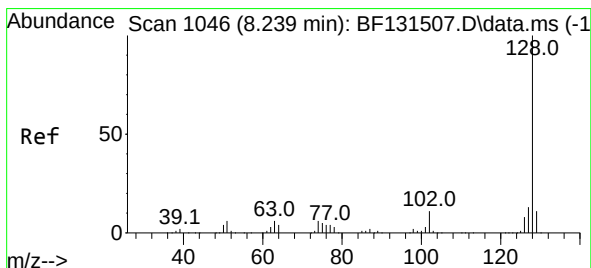
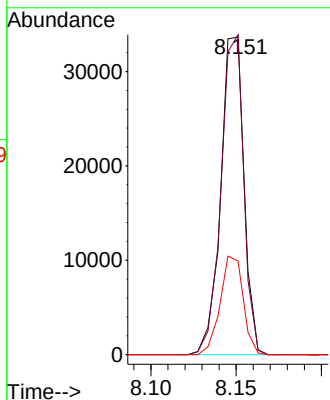
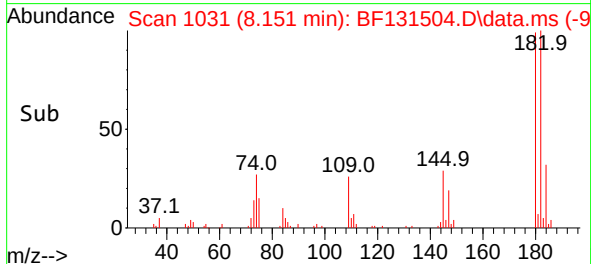


Tgt Ion:180 Resp: 31978  
Ion Ratio Lower Upper  
180 100  
182 100.8 76.3 114.5  
145 29.5 23.3 34.9

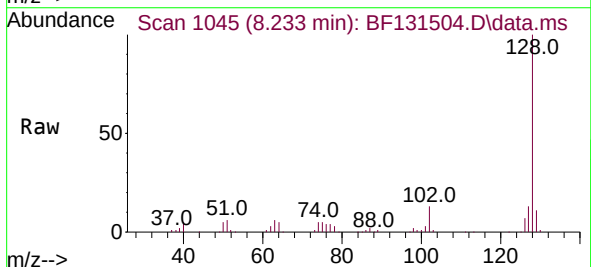
Manual Integrations

APPROVED

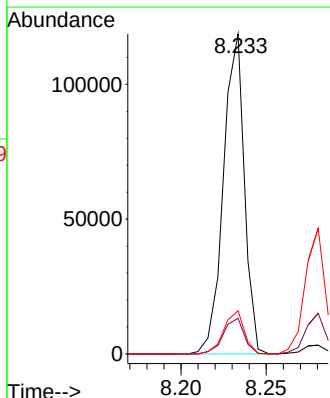
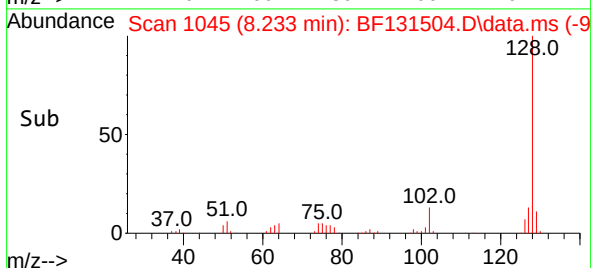
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

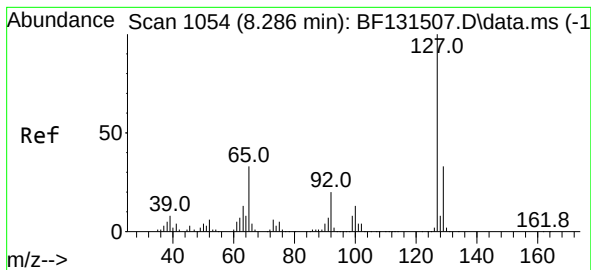


#31  
Naphthalene  
Concen: 5.161 ng  
RT: 8.233 min Scan# 1045  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



Tgt Ion:128 Resp: 101451  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.5 10.6 16.0





#33  
4-Chloroaniline  
Concen: 4.922 ng  
RT: 8.280 min Scan# 1054  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

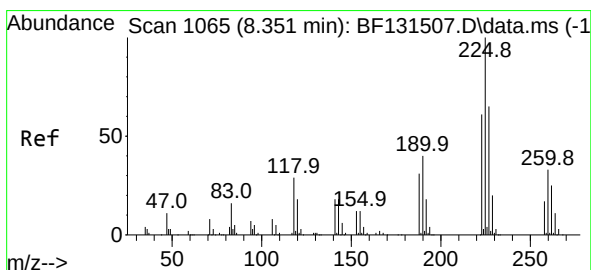
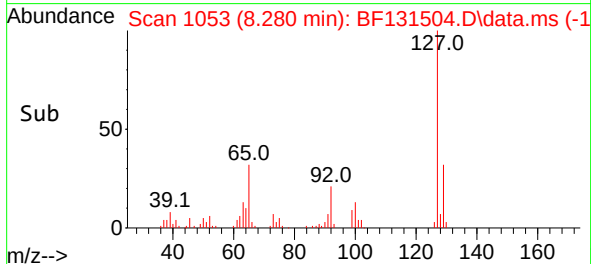
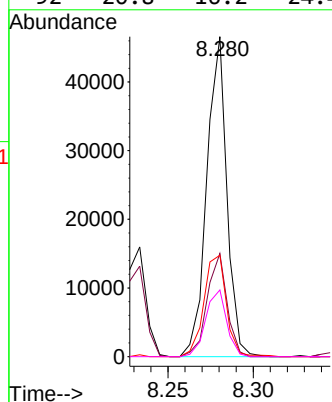
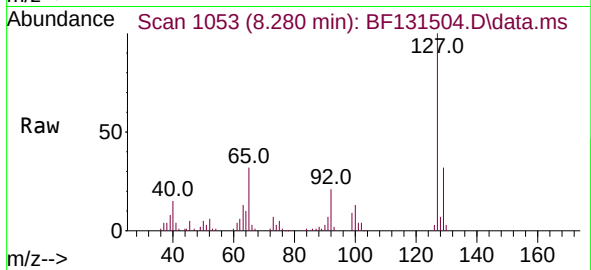
SSTDICC005

Tgt Ion:127 Resp: 38176  
Ion Ratio Lower Upper  
127 100  
129 32.2 26.5 39.7  
65 31.7 26.4 39.6  
92 20.8 16.2 24.4

Manual Integrations

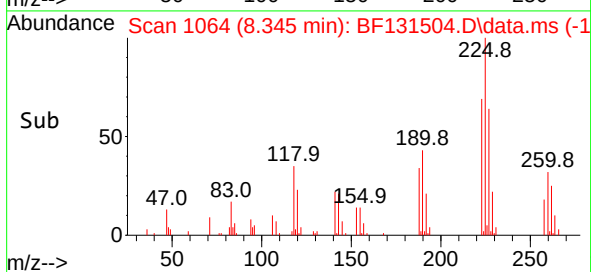
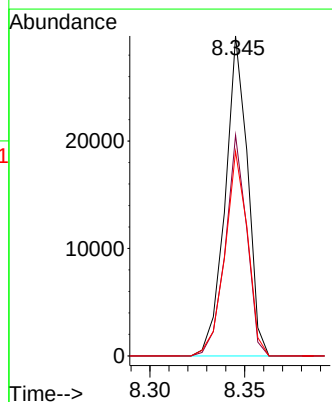
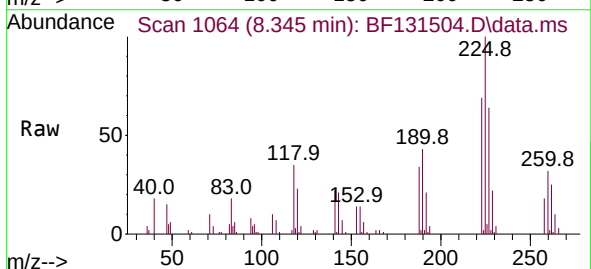
APPROVED

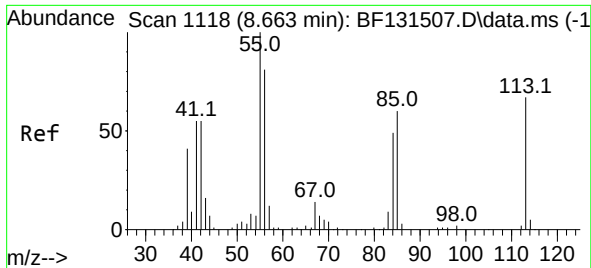
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#34  
Hexachlorobutadiene  
Concen: 5.535 ng  
RT: 8.345 min Scan# 1064  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

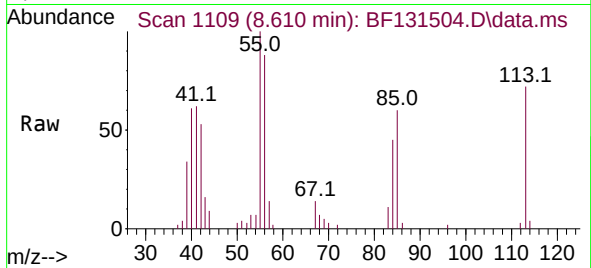
Tgt Ion:225 Resp: 24375  
Ion Ratio Lower Upper  
225 100  
223 69.0 49.2 73.8  
227 63.9 51.7 77.5





#35  
Caprolactam  
Concen: 5.129 ng  
RT: 8.610 min Scan# 1109  
Delta R.T. -0.053 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

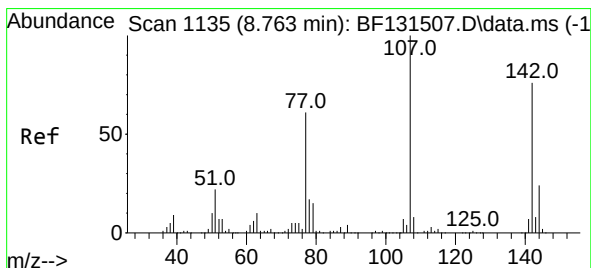
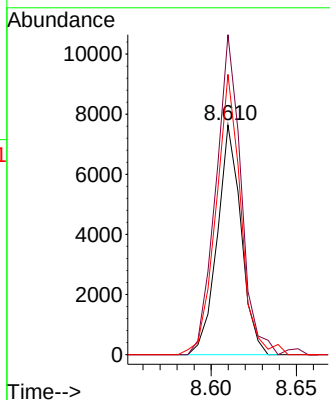
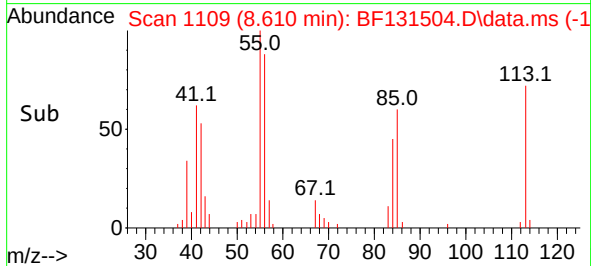
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:113 Resp: 7400  
Ion Ratio Lower Upper  
113 100  
55 139.5 128.2 168.2  
56 122.1 100.7 140.7

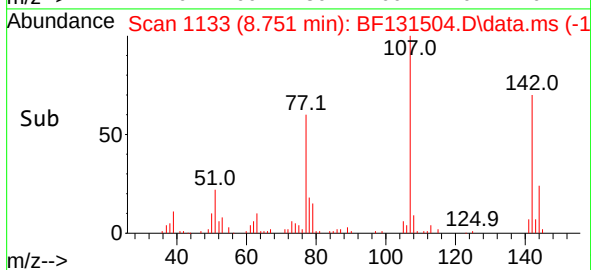
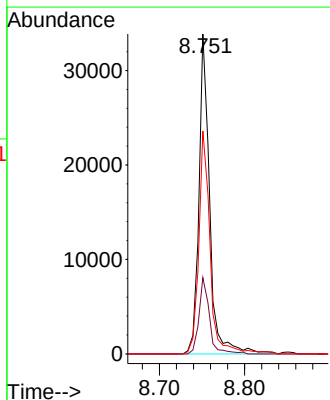
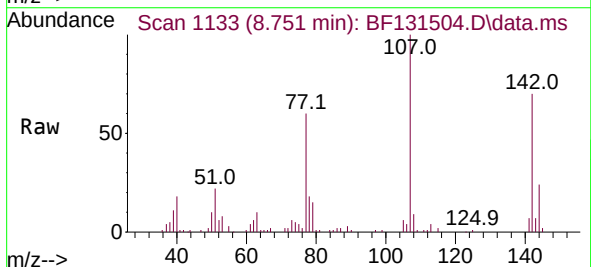
Manual Integrations  
APPROVED

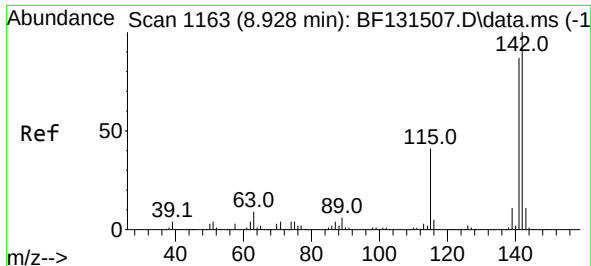
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#36  
4-Chloro-3-methylphenol  
Concen: 5.189 ng  
RT: 8.751 min Scan# 1133  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:107 Resp: 29596  
Ion Ratio Lower Upper  
107 100  
144 23.8 19.4 29.0  
142 69.7 61.1 91.7





#37

2-Methylnaphthalene

Concen: 5.272 ng

RT: 8.927 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 70219

Ion Ratio Lower Upper

142 100

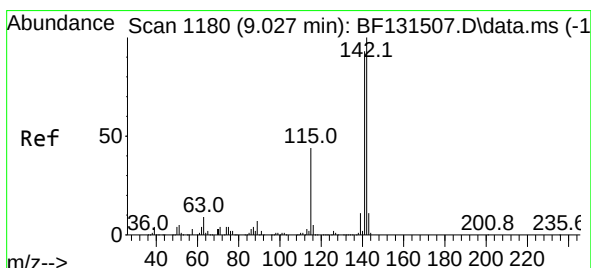
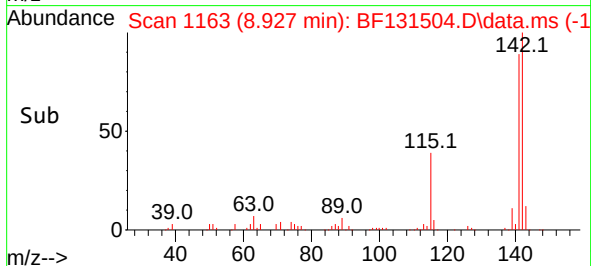
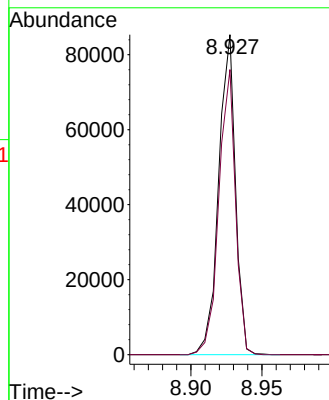
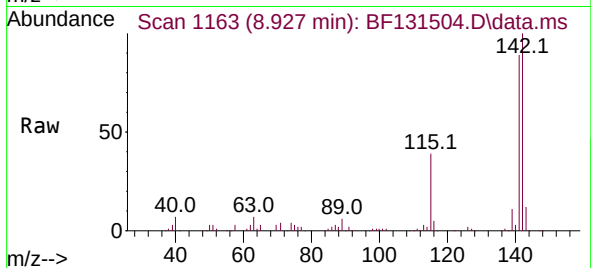
141 89.1 69.7 104.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#38

1-Methylnaphthalene

Concen: 5.129 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF131504.D

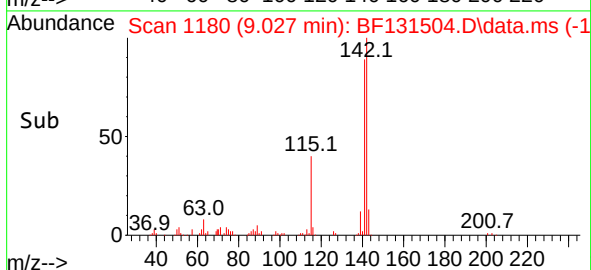
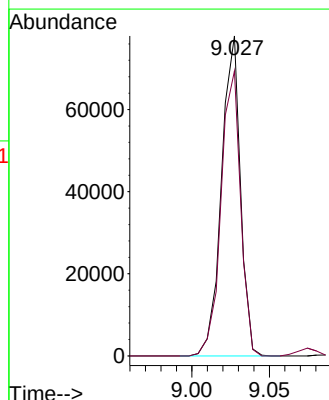
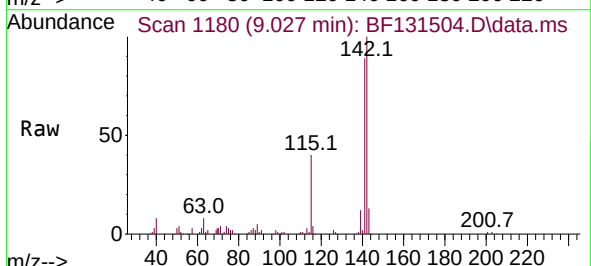
Acq: 05 Dec 2022 16:34

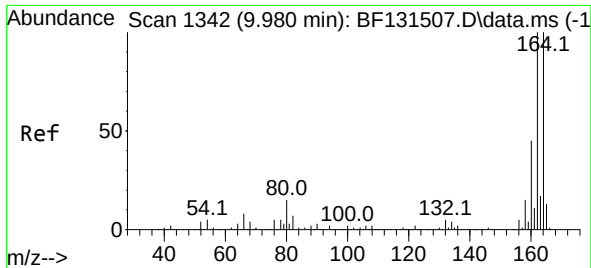
Tgt Ion:142 Resp: 66247

Ion Ratio Lower Upper

142 100

141 89.0 74.2 111.2





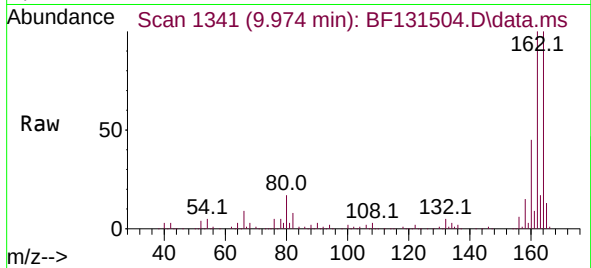
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.974 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

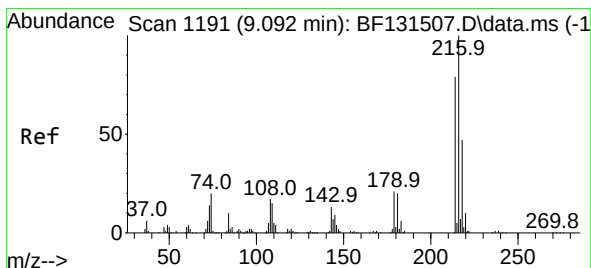
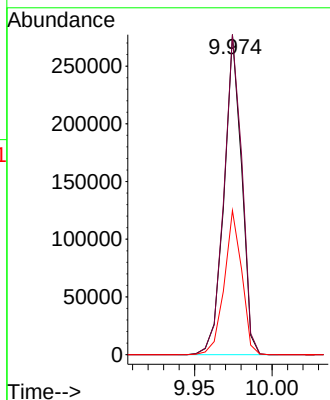
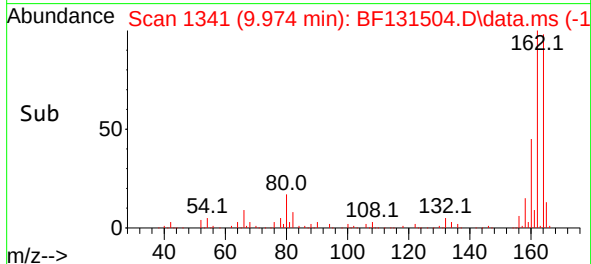


Tgt Ion:164 Resp: 217822  
Ion Ratio Lower Upper  
164 100  
162 100.0 80.1 120.1  
160 45.0 36.4 54.6

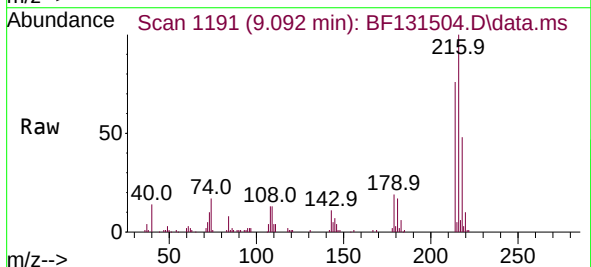
Manual Integrations

APPROVED

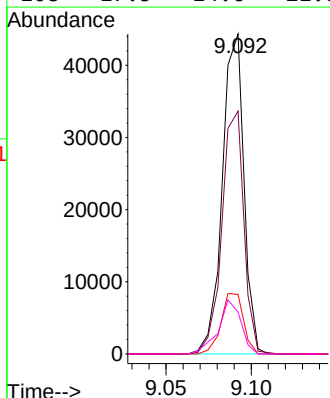
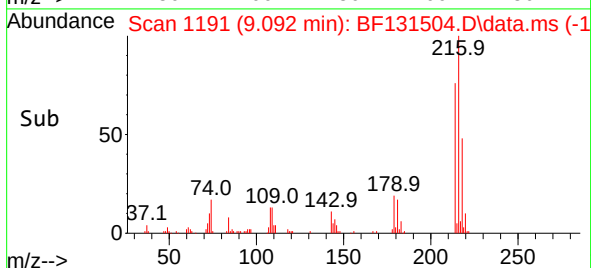
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

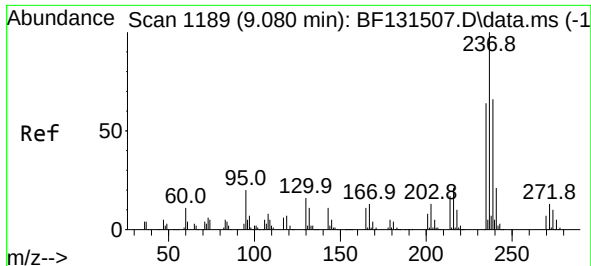


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 5.532 ng  
RT: 9.092 min Scan# 1191  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



Tgt Ion:216 Resp: 39101  
Ion Ratio Lower Upper  
216 100  
214 77.0 62.2 93.4  
179 19.5 16.4 24.6  
108 17.5 14.6 21.8





#41  
Hexachlorocyclopentadiene  
Concen: 4.157 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

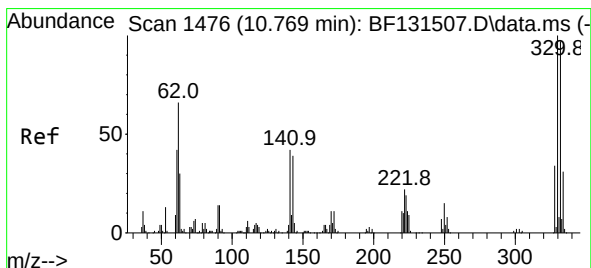
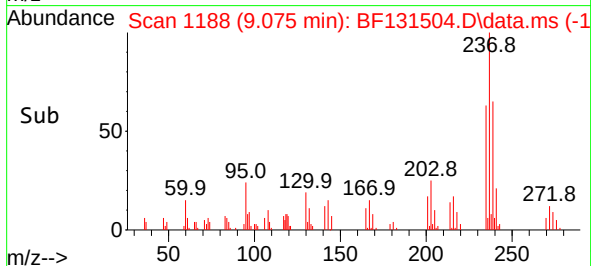
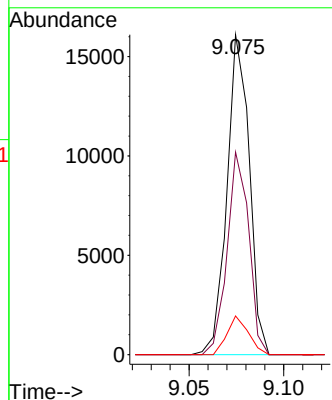
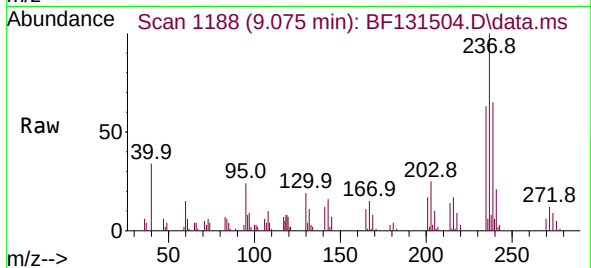
SSTDICC005

Tgt Ion:237 Resp: 13209  
Ion Ratio Lower Upper  
237 100  
235 63.3 44.2 84.2  
272 12.1 0.0 32.9

Manual Integrations

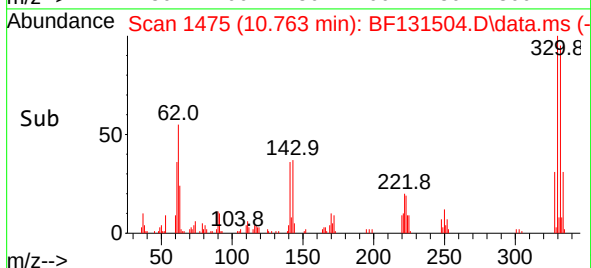
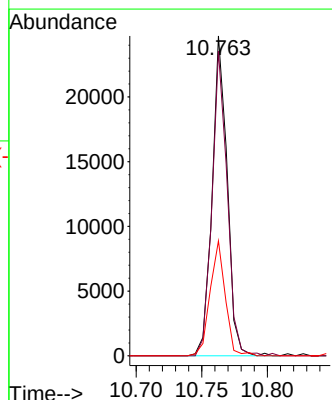
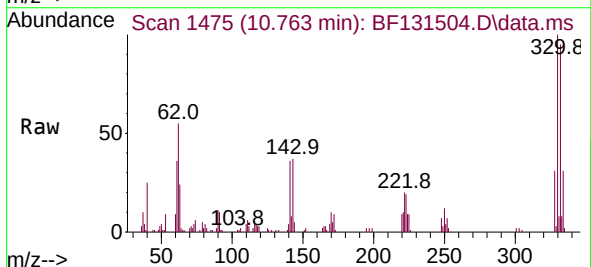
APPROVED

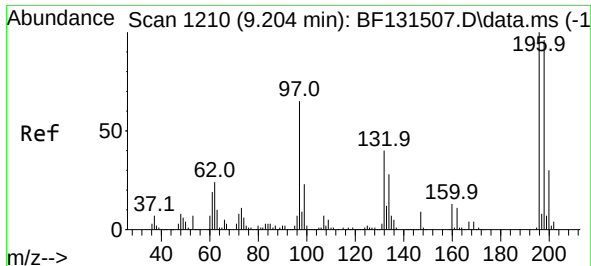
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#42  
2,4,6-Tribromophenol  
Concen: 10.759 ng  
RT: 10.763 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:330 Resp: 19717  
Ion Ratio Lower Upper  
330 100  
332 95.8 78.2 117.2  
141 36.4 29.1 43.7





#43

2,4,6-Trichlorophenol

Concen: 5.181 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

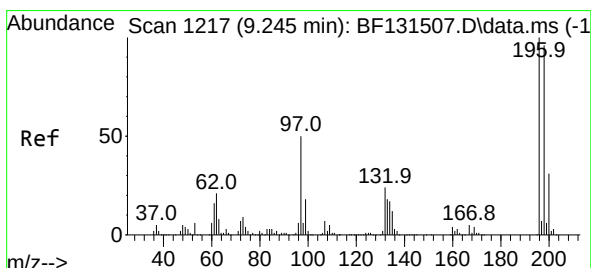
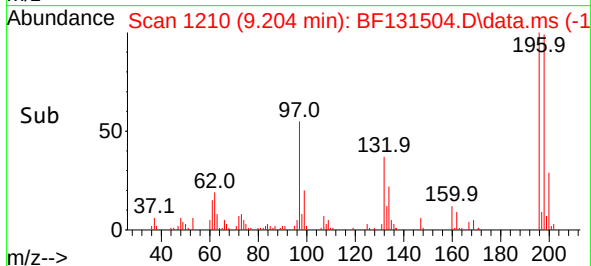
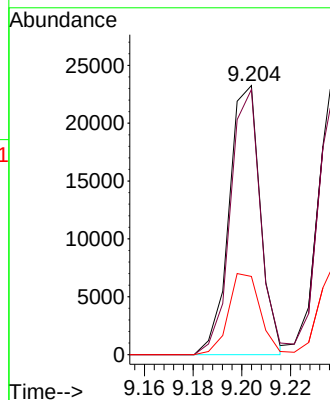
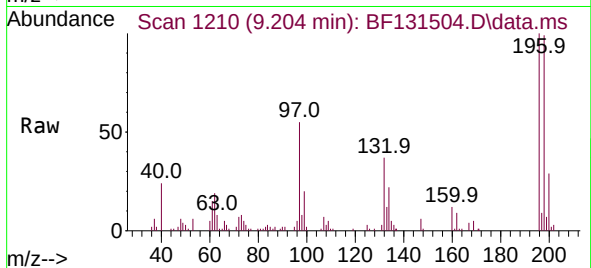
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:196 | Resp: | 2077  |       |
| Ion Ratio   | Lower | Upper |       |
| 196         | 100   |       |       |
| 198         | 98.5  | 76.5  | 114.7 |
| 200         | 29.1  | 24.2  | 36.2  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#44

2,4,5-Trichlorophenol

Concen: 5.156 ng

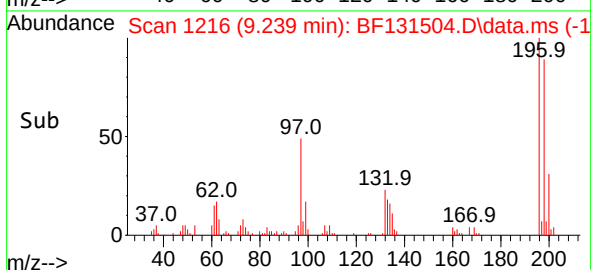
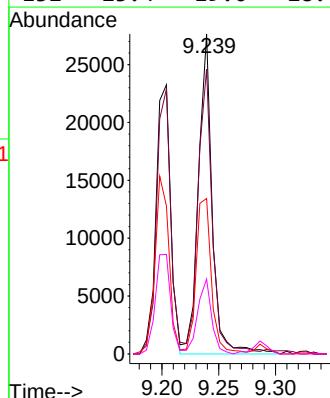
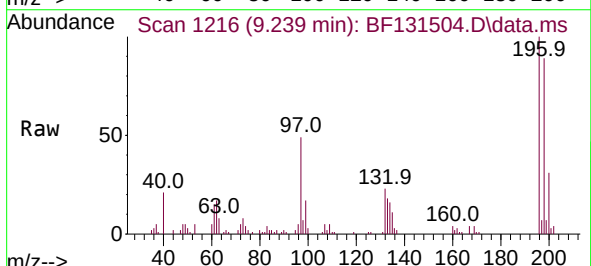
RT: 9.239 min Scan# 1216

Delta R.T. -0.006 min

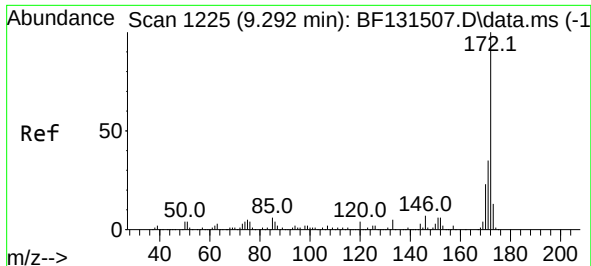
Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:196 | Resp: | 23247 |       |
| Ion Ratio   | Lower | Upper |       |
| 196         | 100   |       |       |
| 198         | 89.0  | 76.6  | 114.8 |
| 97          | 48.6  | 40.6  | 61.0  |
| 132         | 23.4  | 19.0  | 28.4  |







#45  
2-Fluorobiphenyl  
Concen: 10.769 ng  
RT: 9.286 min Scan# 1224  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

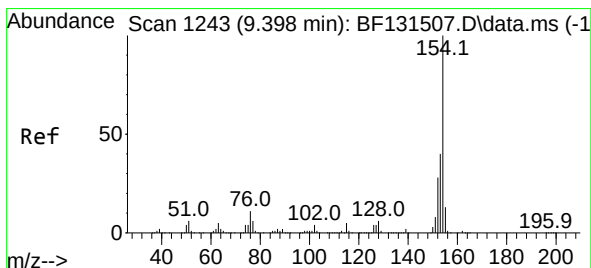
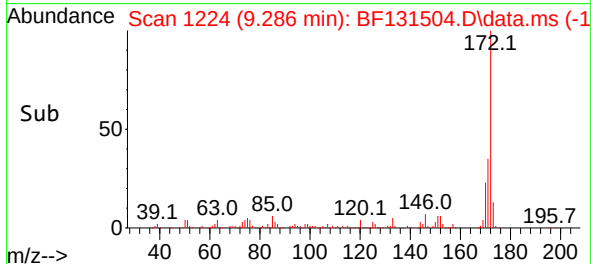
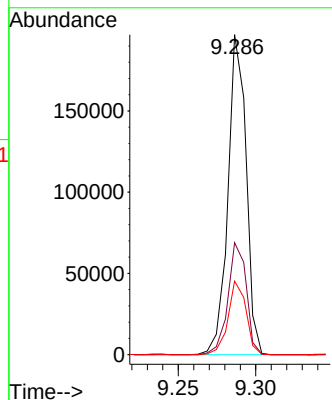
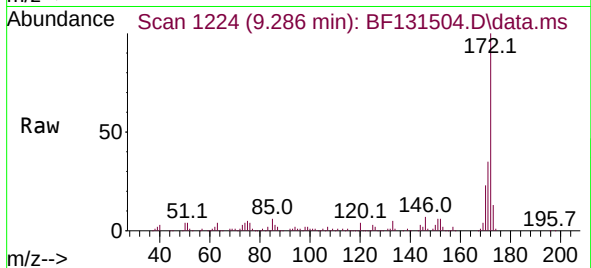
SSTDICC005

Tgt Ion:172 Resp: 161245  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.8  
170 23.0 18.7 28.1

Manual Integrations

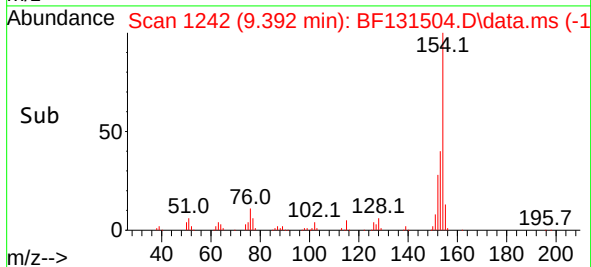
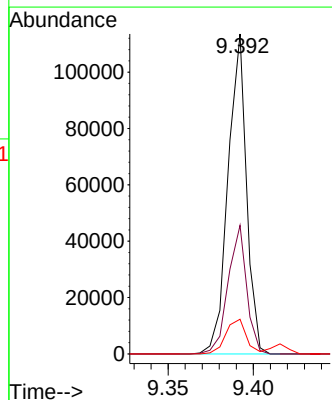
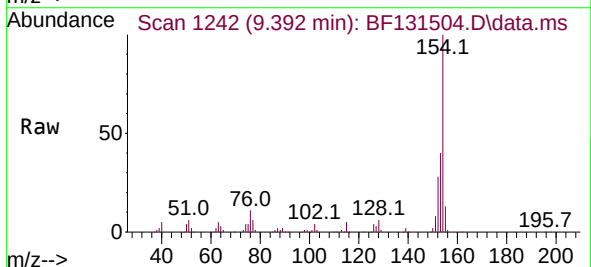
APPROVED

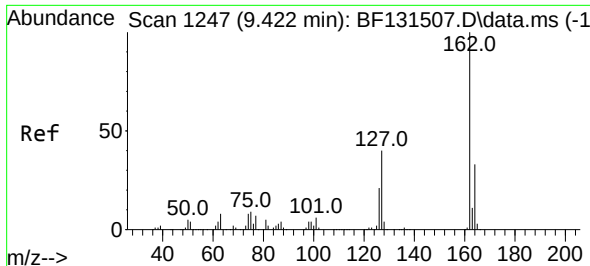
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#46  
1,1'-Biphenyl  
Concen: 5.139 ng  
RT: 9.392 min Scan# 1242  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:154 Resp: 85424  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.3 60.3  
76 10.8 0.0 30.9





#47

2-Chloronaphthalene

Concen: 5.227 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

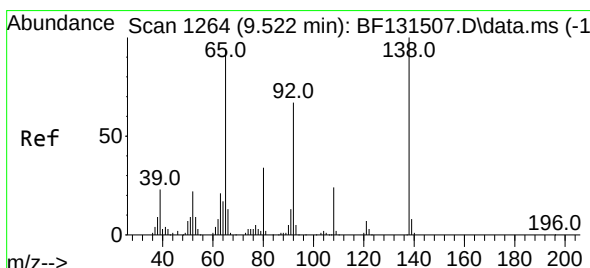
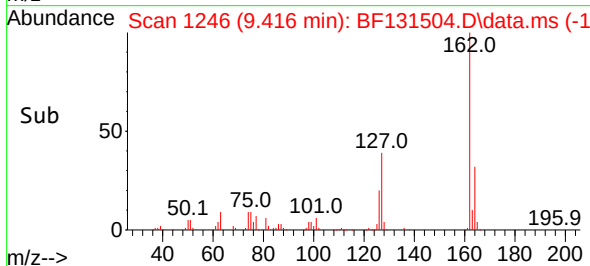
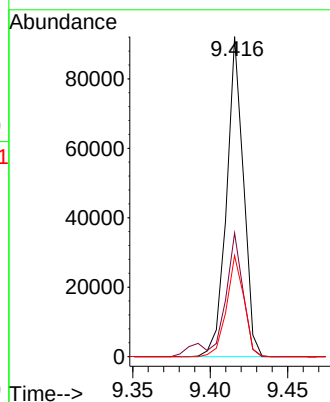
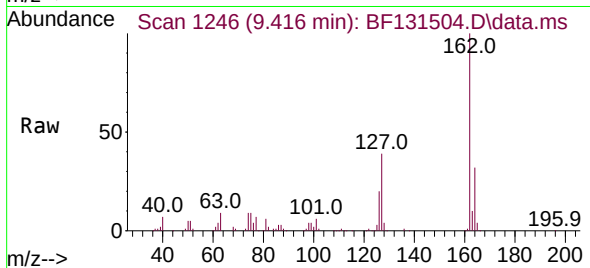
SSTDICC005

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 69693     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 127         | 38.6  | 32.6 48.8 |
| 164         | 31.6  | 26.0 39.0 |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#48

2-Nitroaniline

Concen: 4.457 ng

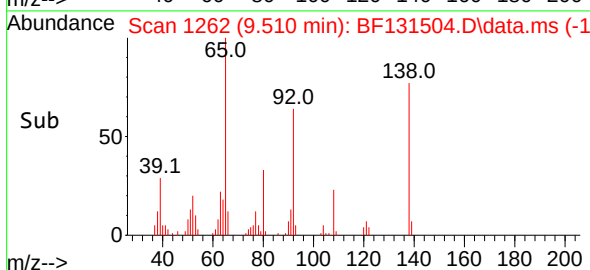
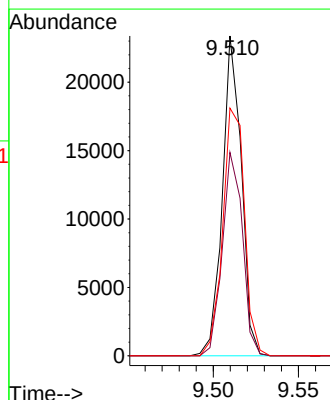
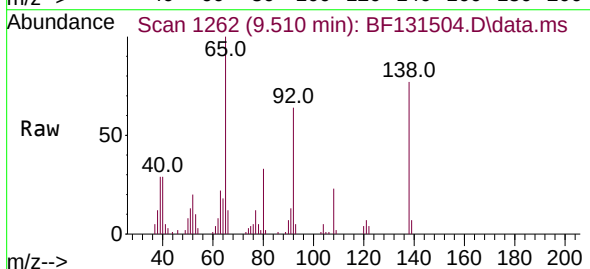
RT: 9.510 min Scan# 1262

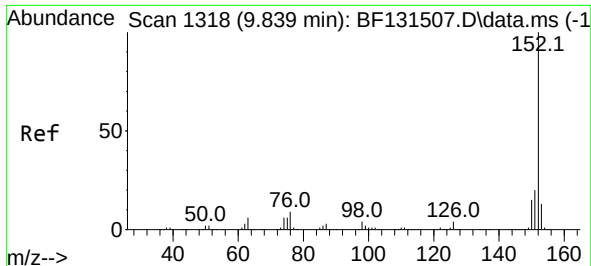
Delta R.T. -0.012 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 65 | Resp: | 18046      |
| Ion Ratio   | Lower | Upper      |
| 65          | 100   |            |
| 92          | 63.6  | 57.4 86.0  |
| 138         | 77.4  | 85.4 128.0 |





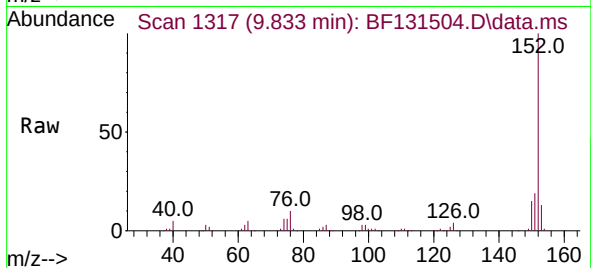
#49  
Acenaphthylene  
Concen: 5.007 ng  
RT: 9.833 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

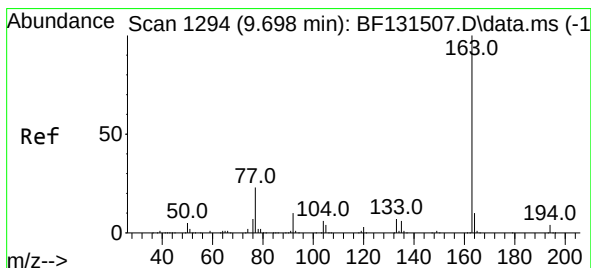
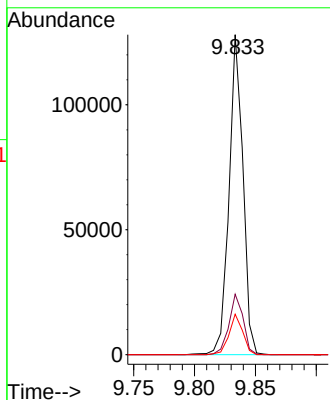
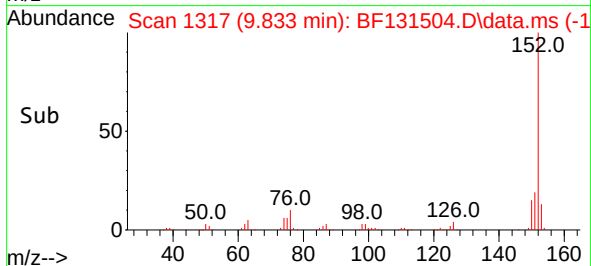


Tgt Ion:152 Resp: 101762  
Ion Ratio Lower Upper  
152 100  
151 18.9 15.8 23.8  
153 12.6 10.6 16.0

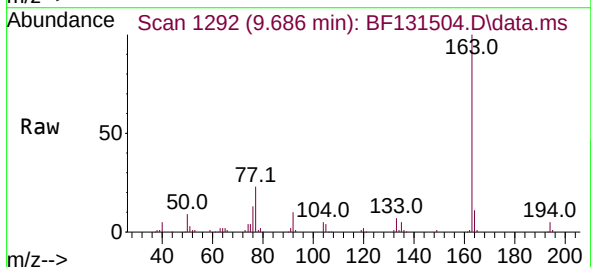
Manual Integrations

APPROVED

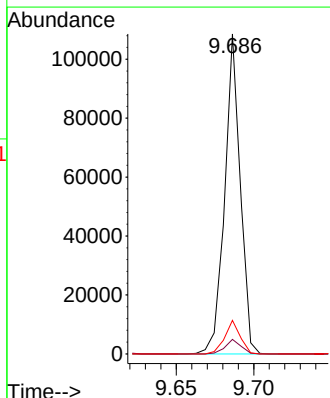
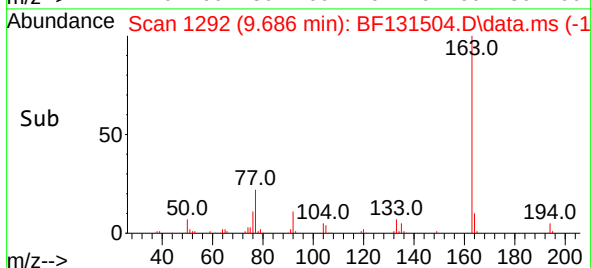
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

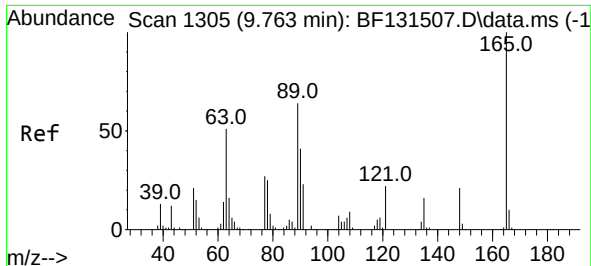


#50  
Dimethylphthalate  
Concen: 5.000 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



Tgt Ion:163 Resp: 75879  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.1 4.7  
164 10.5 7.9 11.9





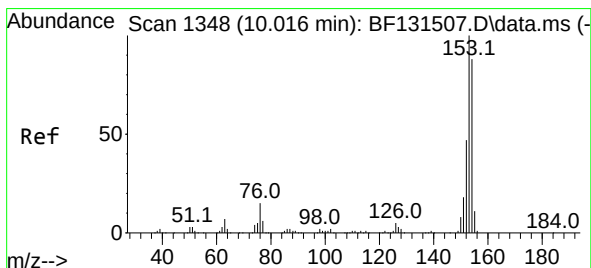
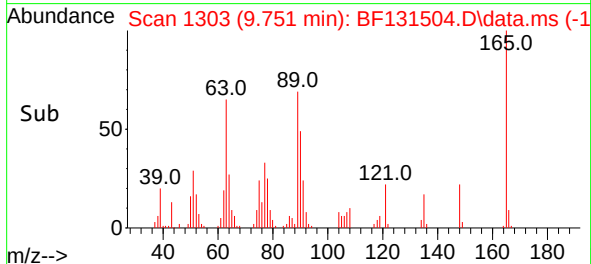
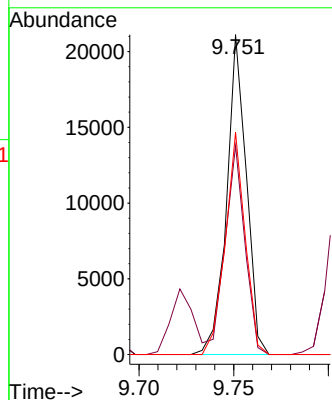
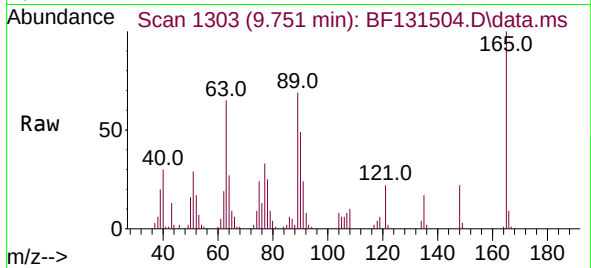
#51  
2,6-Dinitrotoluene  
Concen: 5.028 ng  
RT: 9.751 min Scan# 1303  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:165 Resp: 1526  
Ion Ratio Lower Upper  
165 100  
63 65.3 50.1 75.1  
89 69.4 51.3 76.9

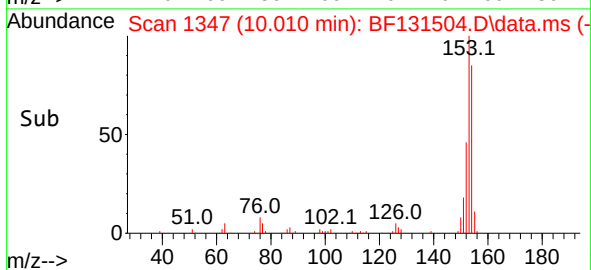
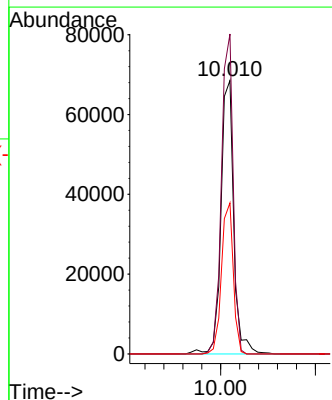
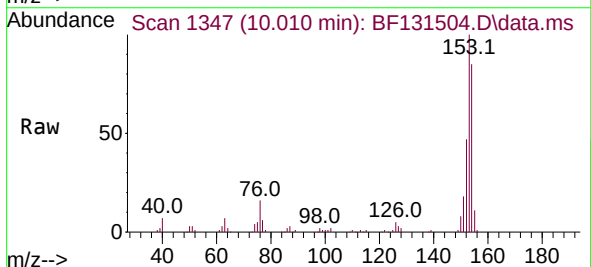
Manual Integrations  
APPROVED

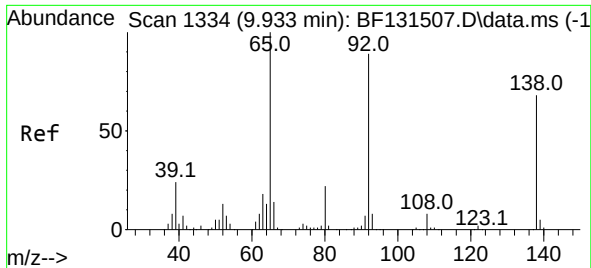
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#52  
Acenaphthene  
Concen: 5.006 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:154 Resp: 63716  
Ion Ratio Lower Upper  
154 100  
153 117.0 90.9 136.3  
152 55.2 43.1 64.7





#53  
3-Nitroaniline  
Concen: 5.287 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

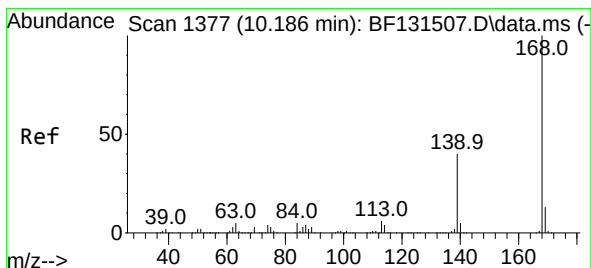
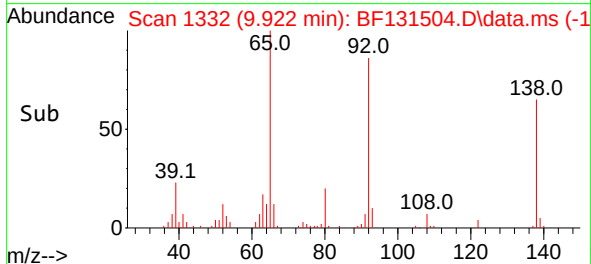
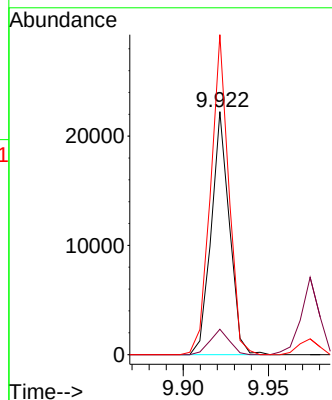
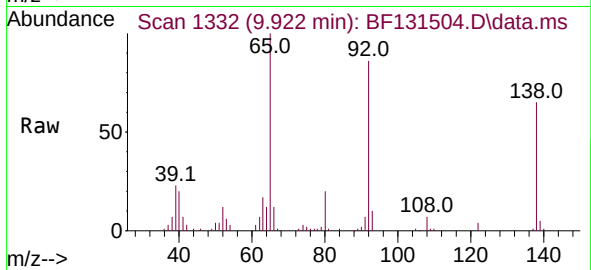
SSTDICC005

Tgt Ion:138 Resp: 16489  
Ion Ratio Lower Upper  
138 100  
108 10.5 9.4 14.2  
92 131.7 104.8 157.2

Manual Integrations

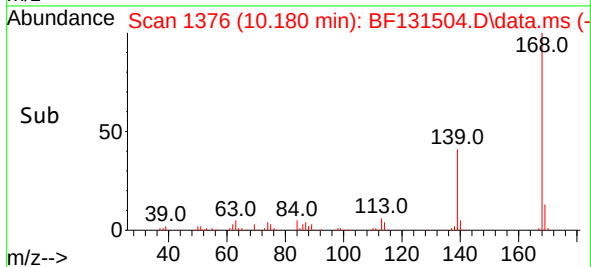
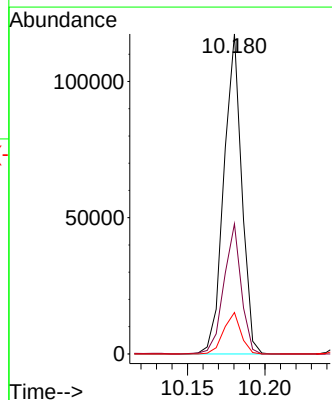
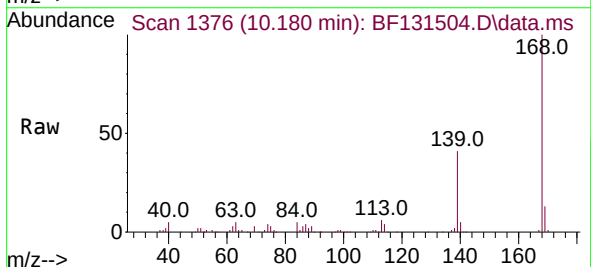
APPROVED

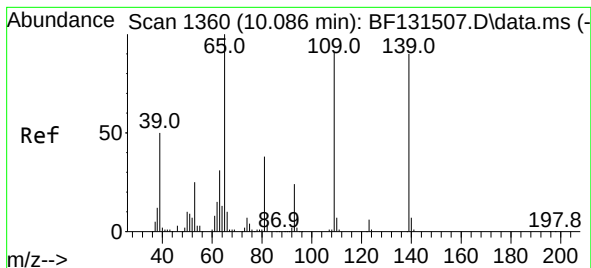
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#55  
Dibenzofuran  
Concen: 5.137 ng  
RT: 10.180 min Scan# 1376  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

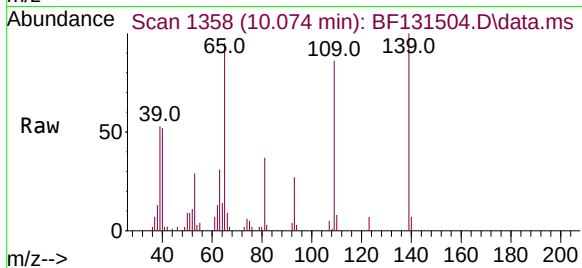
Tgt Ion:168 Resp: 94065  
Ion Ratio Lower Upper  
168 100  
139 40.6 31.8 47.8  
169 12.9 10.6 15.8





#56  
4-Nitrophenol  
Concen: 4.760 ng  
RT: 10.074 min Scan# 1358  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

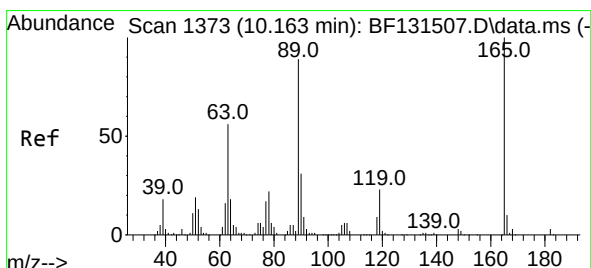
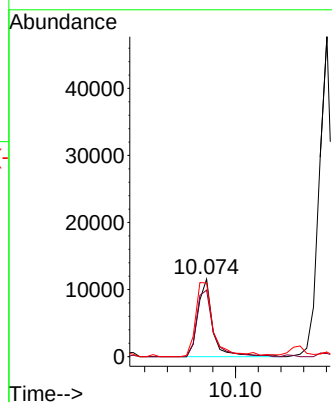
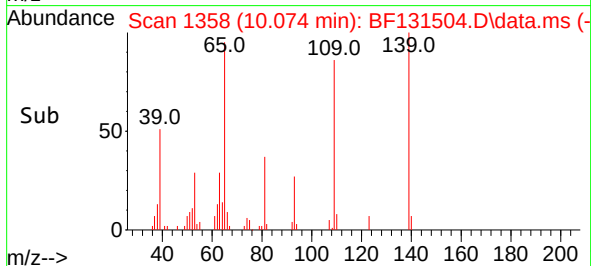
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:139 Resp: 10303  
Ion Ratio Lower Upper  
139 100  
109 85.8 81.1 121.1  
65 95.0 91.5 131.5

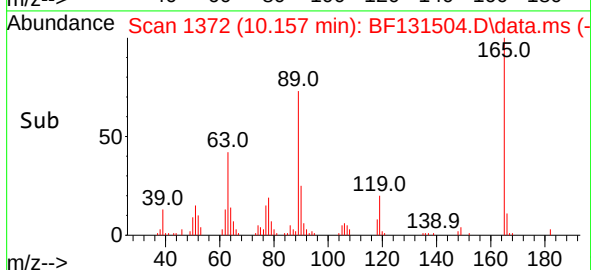
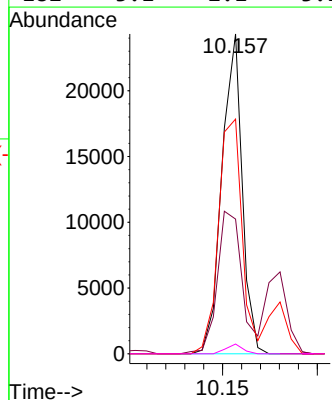
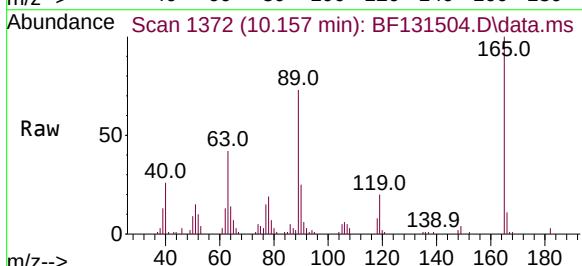
Manual Integrations  
APPROVED

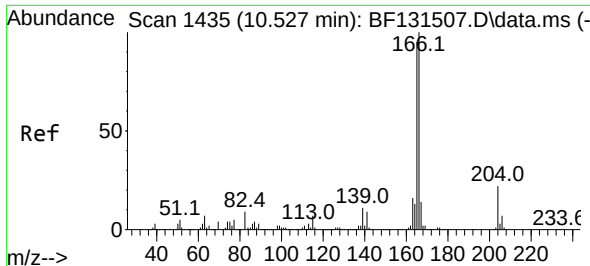
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#57  
2,4-Dinitrotoluene  
Concen: 4.738 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:165 Resp: 18095  
Ion Ratio Lower Upper  
165 100  
63 42.1 45.3 67.9#  
89 73.4 71.0 106.4  
182 3.1 2.1 3.1





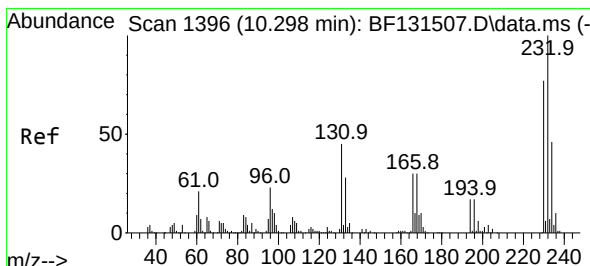
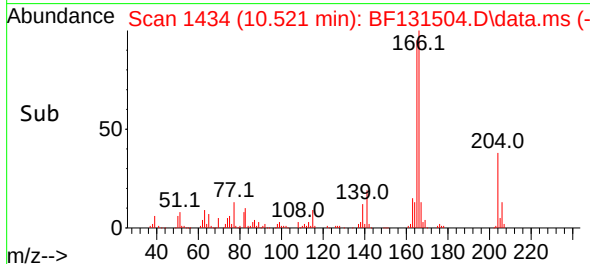
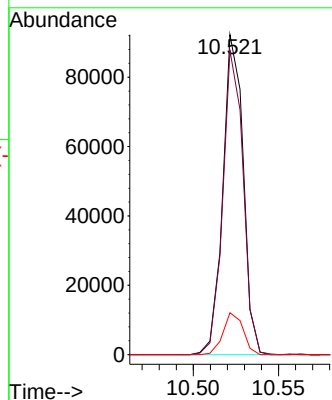
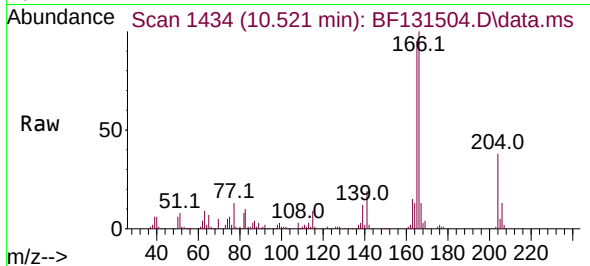
#58  
Fluorene  
Concen: 5.342 ng  
RT: 10.521 min Scan# 1435  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:166 Resp: 76348  
Ion Ratio Lower Upper  
166 100  
165 95.0 75.7 113.5  
167 13.1 10.9 16.3

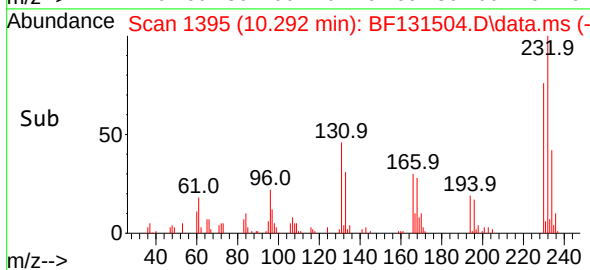
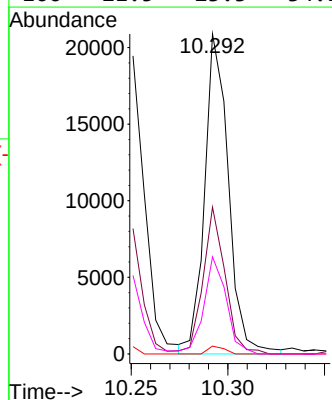
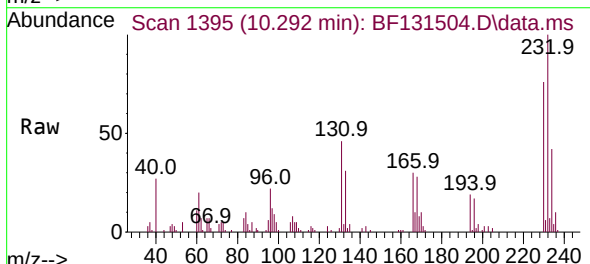
Manual Integrations  
APPROVED

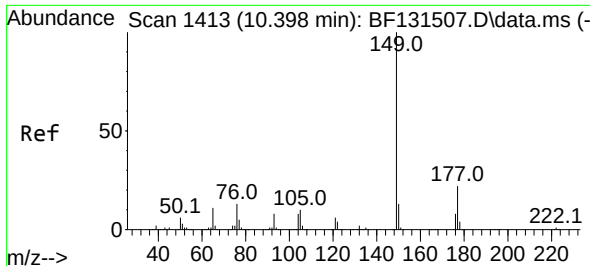
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.761 ng m  
RT: 10.292 min Scan# 1395  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:232 Resp: 17878  
Ion Ratio Lower Upper  
232 100  
131 34.1 34.8 52.2#  
130 1.8 1.8 2.6  
166 21.5 23.3 34.9#





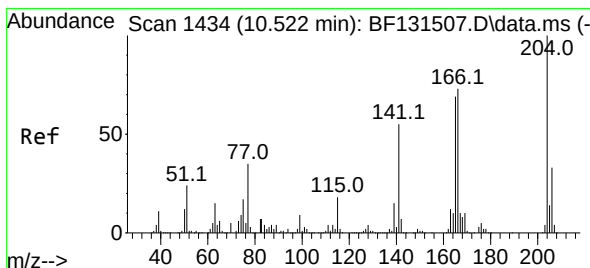
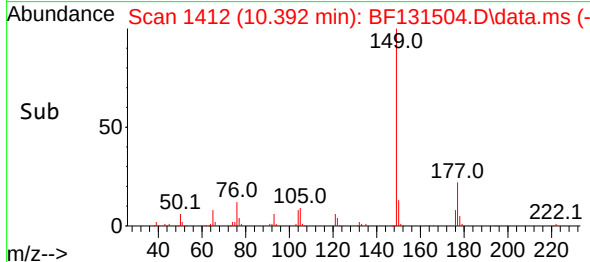
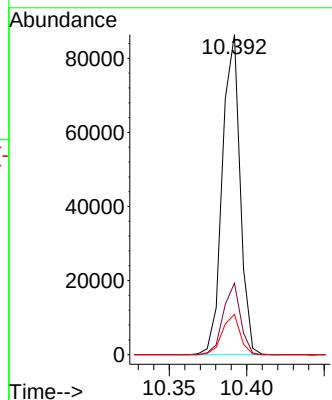
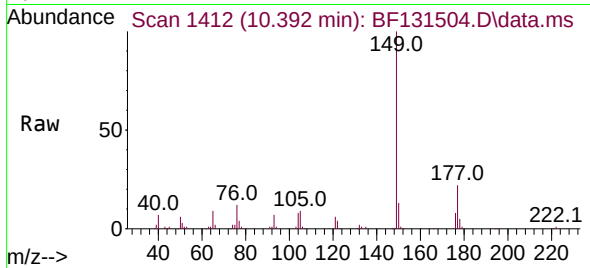
#60  
Diethylphthalate  
Concen: 4.803 ng  
RT: 10.392 min Scan# 1413  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:149 Resp: 68834  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.4 26.2  
150 12.6 10.2 15.4

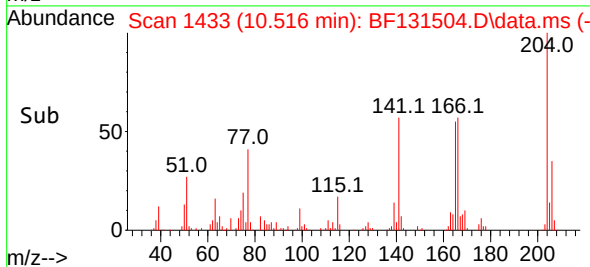
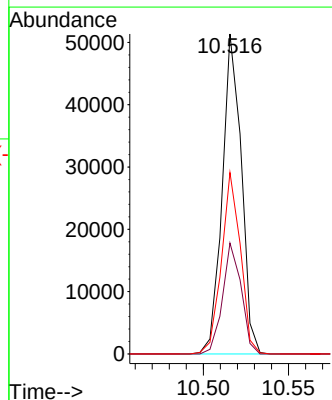
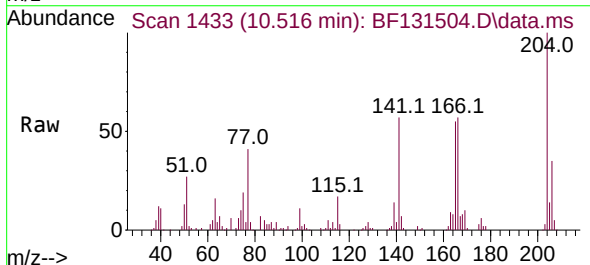
Manual Integrations  
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Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

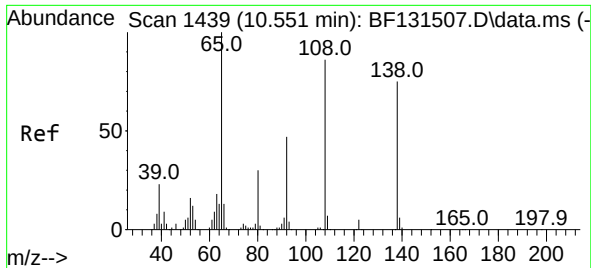


#61  
4-Chlorophenyl-phenylether  
Concen: 5.446 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:204 Resp: 39897  
Ion Ratio Lower Upper  
204 100  
206 34.6 26.4 39.6  
141 56.7 44.4 66.6







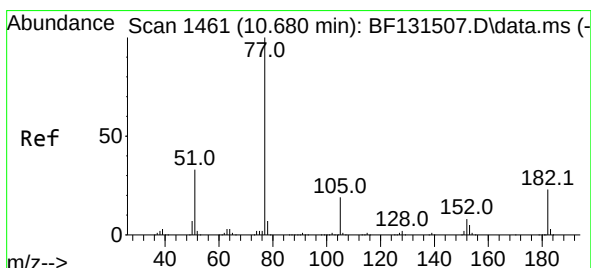
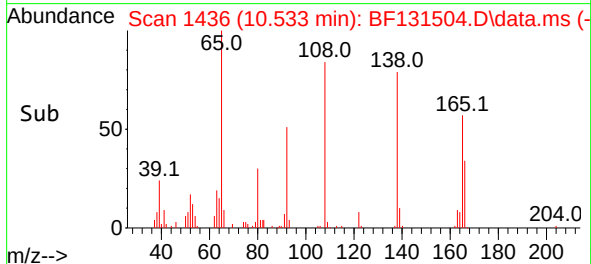
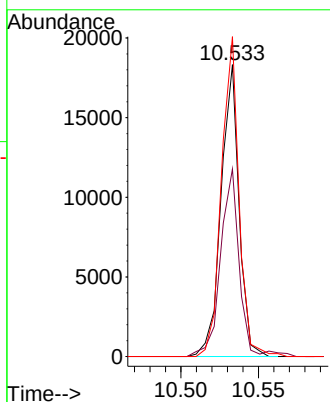
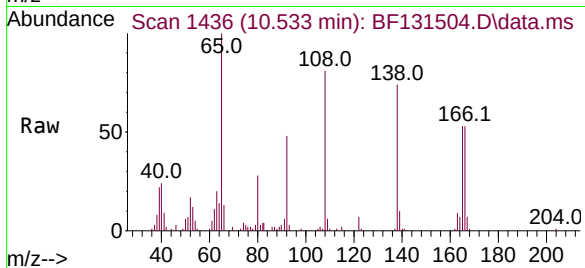
#62  
4-Nitroaniline  
Concen: 4.773 ng  
RT: 10.533 min Scan# 1439  
Delta R.T. -0.018 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:138 Resp: 14815  
Ion Ratio Lower Upper  
138 100  
92 64.2 42.7 82.7  
108 109.6 95.0 135.0

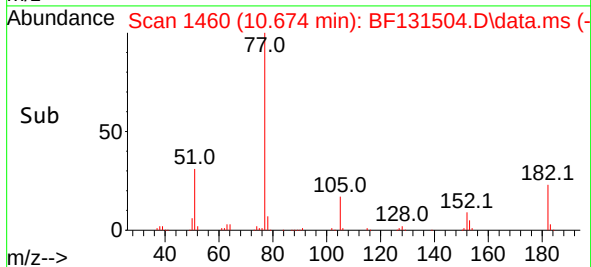
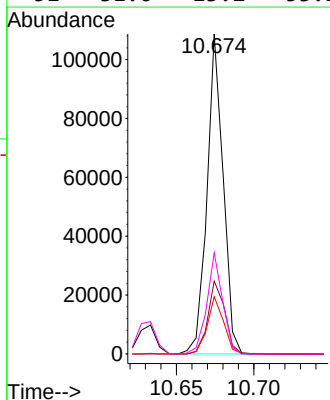
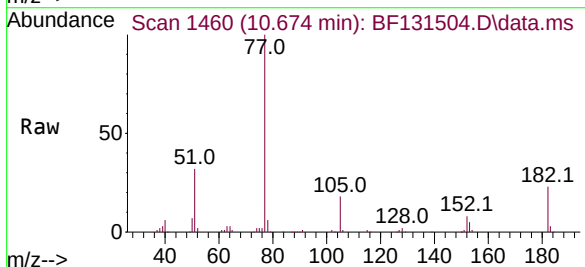
Manual Integrations  
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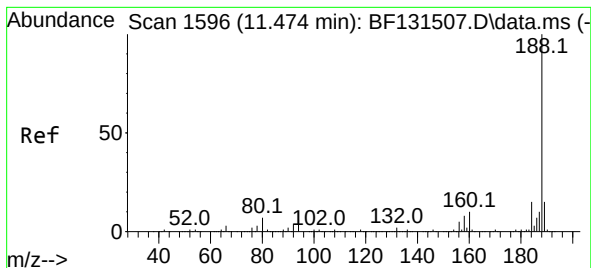
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#63  
Azobenzene  
Concen: 5.135 ng  
RT: 10.674 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion: 77 Resp: 79122  
Ion Ratio Lower Upper  
77 100  
182 22.7 2.6 42.6  
105 17.9 0.0 39.1  
51 31.6 13.2 53.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.468 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:188 Resp: 403166

Ion Ratio Lower Upper

188 100

94 7.6 5.1 7.7

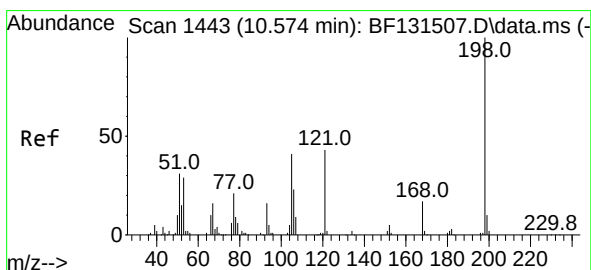
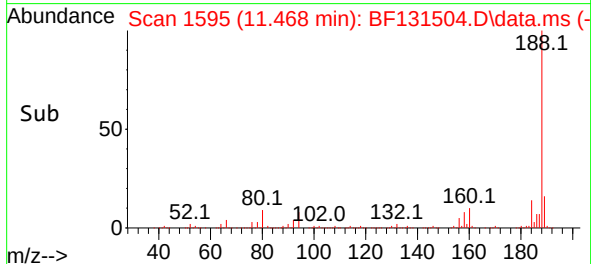
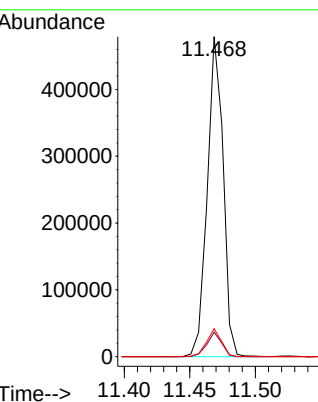
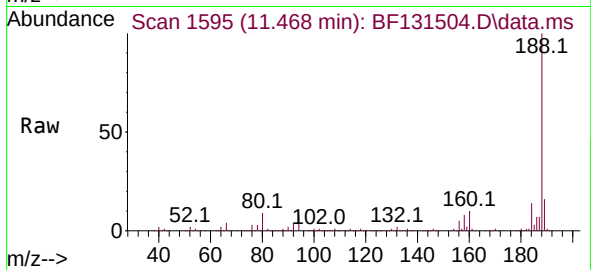
80 8.7 5.9 8.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/06/2022

Supervised By :Jagrut Upadhyay 12/06/2022



#65

4,6-Dinitro-2-methylphenol

Concen: 4.844 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF131504.D

Acq: 05 Dec 2022 16:34

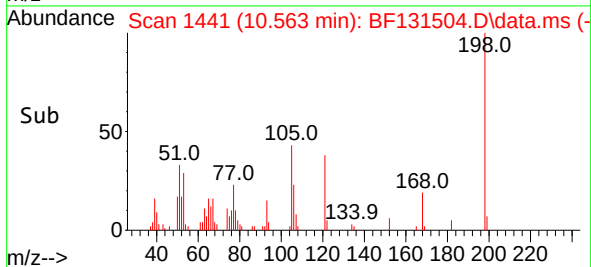
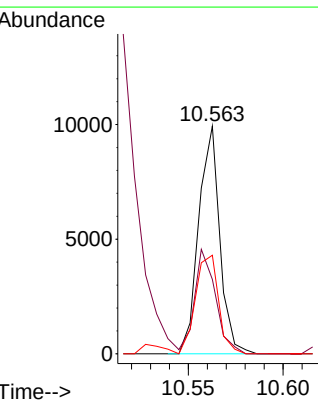
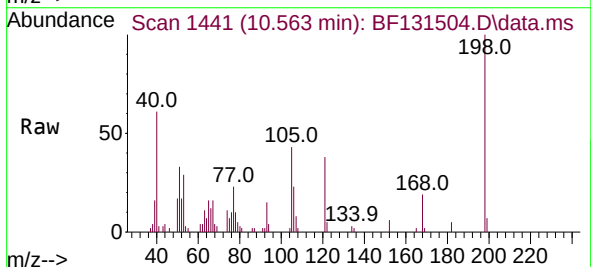
Tgt Ion:198 Resp: 7686

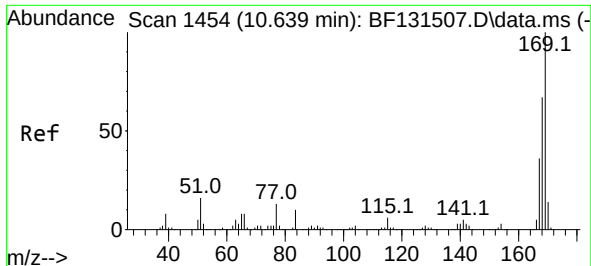
Ion Ratio Lower Upper

198 100

51 32.7 19.7 59.7

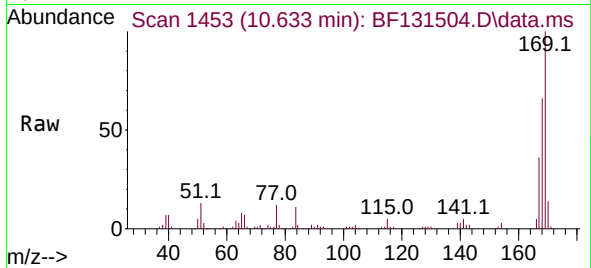
105 43.3 21.9 61.9





#66  
n-Nitrosodiphenylamine  
Concen: 4.877 ng  
RT: 10.633 min Scan# 1454  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

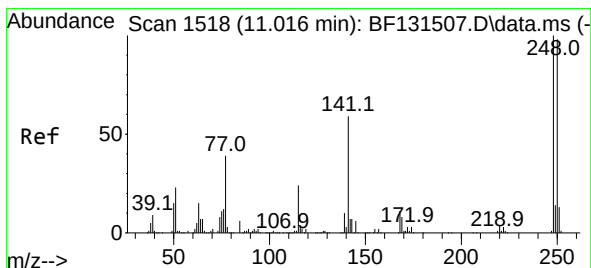
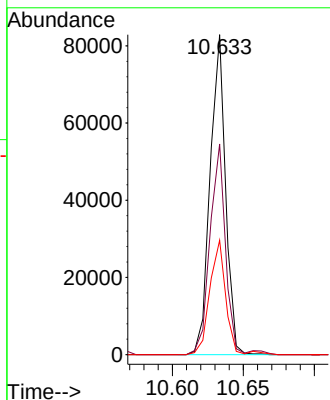
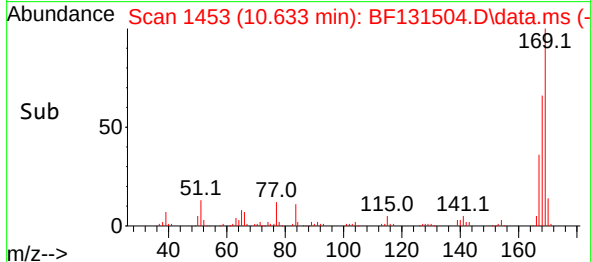
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:169 Resp: 62654  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.7 80.5  
167 35.7 28.4 42.6

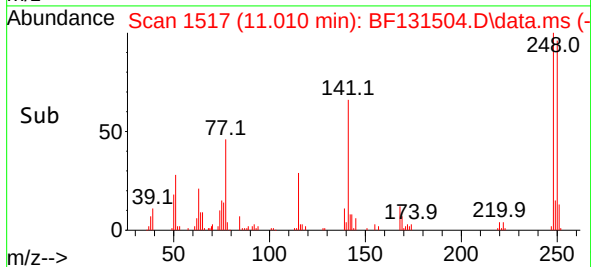
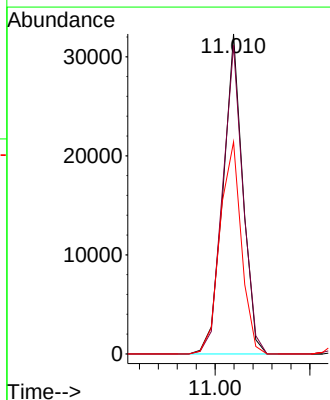
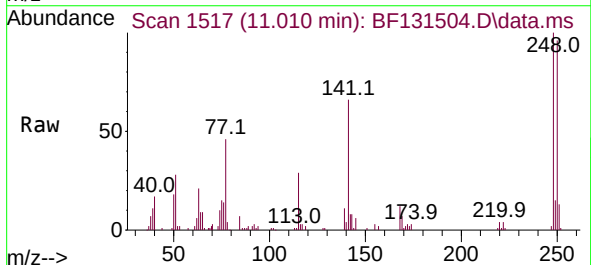
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APPROVED

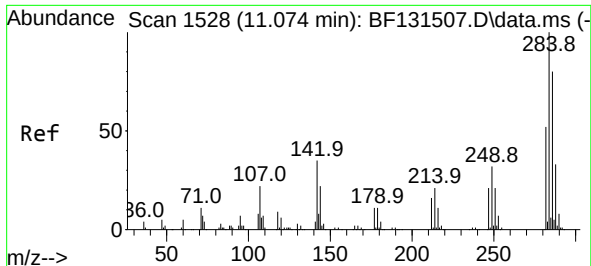
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#67  
4-Bromophenyl-phenylether  
Concen: 4.731 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:248 Resp: 23379  
Ion Ratio Lower Upper  
248 100  
250 96.5 78.6 117.8  
141 66.2 47.1 70.7





#68  
Hexachlorobenzene  
Concen: 4.896 ng  
RT: 11.069 min Scan# 11069  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

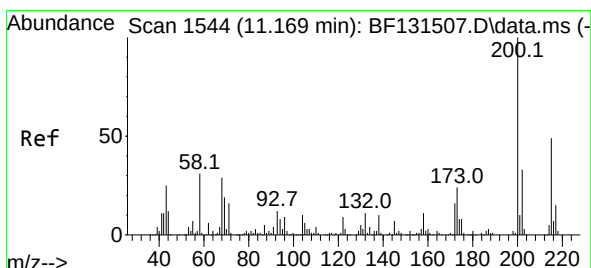
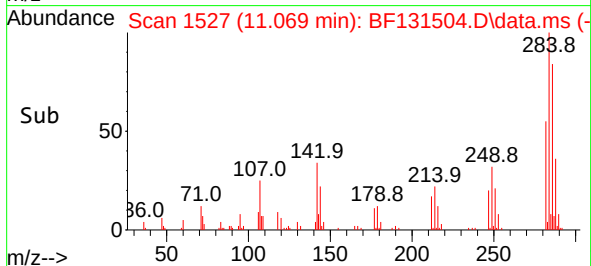
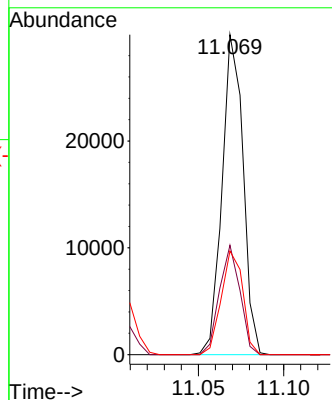
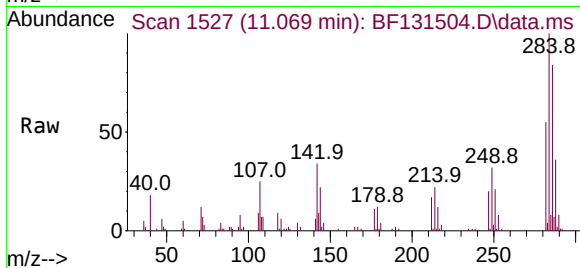
SSTDICC005

Tgt Ion:284 Resp: 25676  
Ion Ratio Lower Upper  
284 100  
142 34.2 28.2 42.4  
249 32.4 25.8 38.8

Manual Integrations

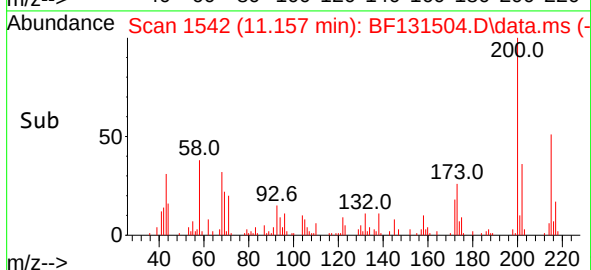
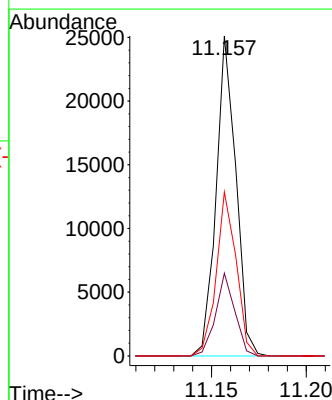
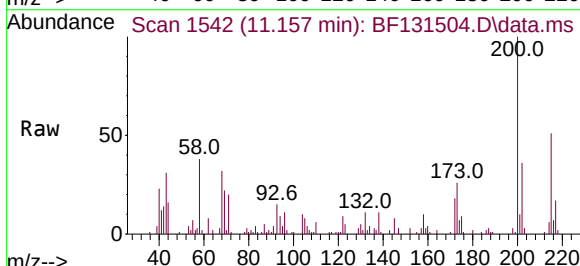
APPROVED

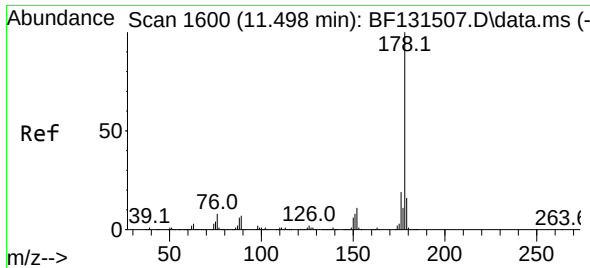
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#69  
Atrazine  
Concen: 4.605 ng  
RT: 11.157 min Scan# 1542  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Tgt Ion:200 Resp: 18215  
Ion Ratio Lower Upper  
200 100  
173 25.8 4.4 44.4  
215 51.2 29.3 69.3





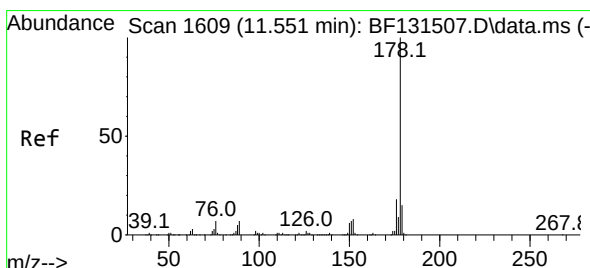
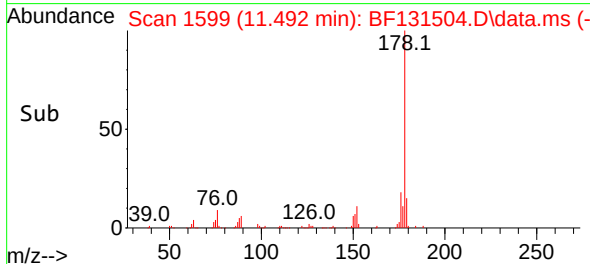
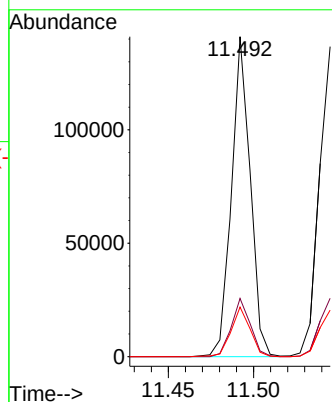
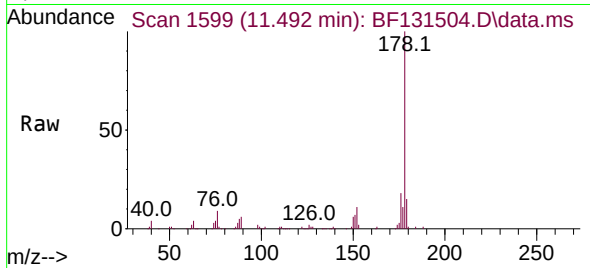
#71  
Phenanthrene  
Concen: 4.960 ng  
RT: 11.492 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:178 Resp: 108073  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.4 23.2  
179 15.5 12.5 18.7

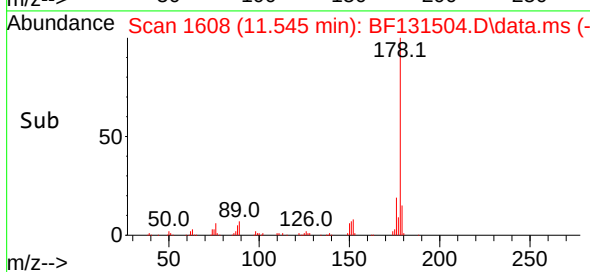
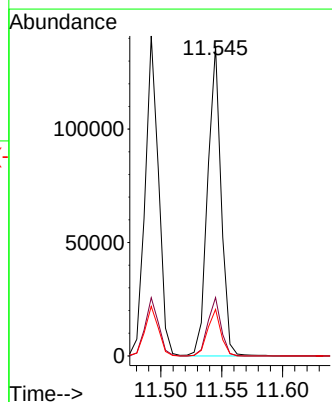
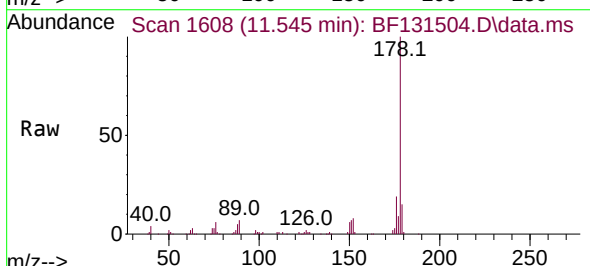
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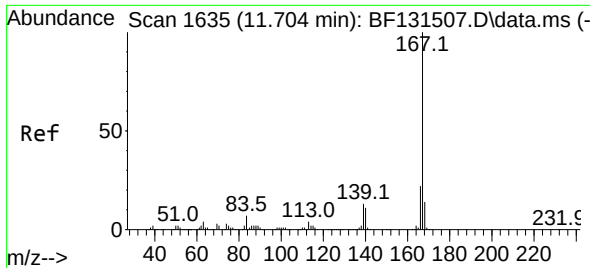
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#72  
Anthracene  
Concen: 4.910 ng  
RT: 11.545 min Scan# 1608  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

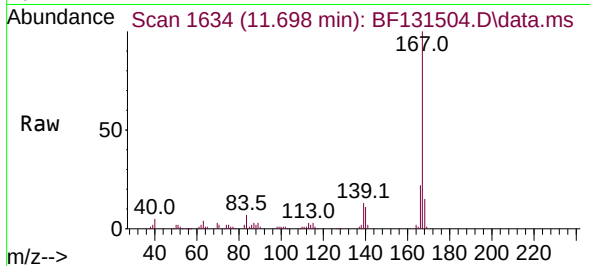
Tgt Ion:178 Resp: 105148  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.7 22.1  
179 15.0 12.3 18.5





#73  
 Carbazole  
 Concen: 5.073 ng  
 RT: 11.698 min Scan# 1634  
 Delta R.T. -0.006 min  
 Lab File: BF131504.D  
 Acq: 05 Dec 2022 16:34

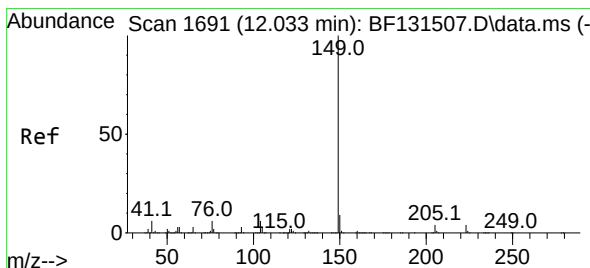
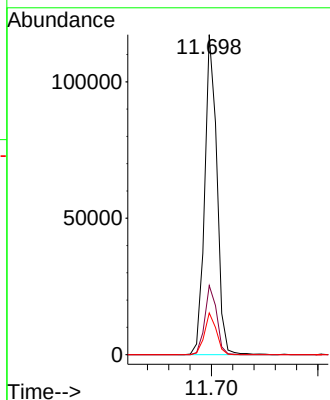
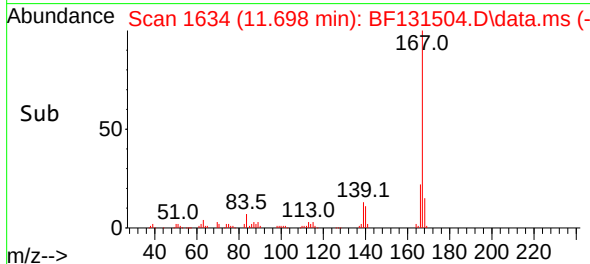
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005



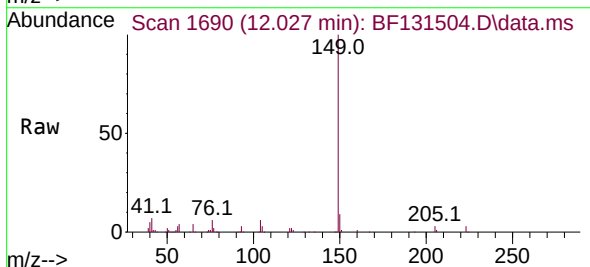
Tgt Ion:167 Resp: 92664  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.2  
 139 13.0 10.6 15.8

Manual Integrations  
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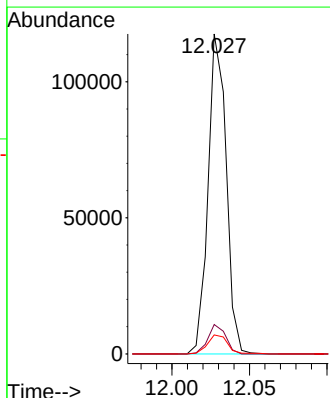
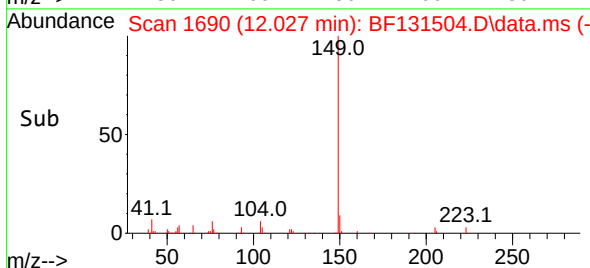
Reviewed By :Christian Giraldo 12/06/2022  
 Supervised By :Jagrut Upadhyay 12/06/2022

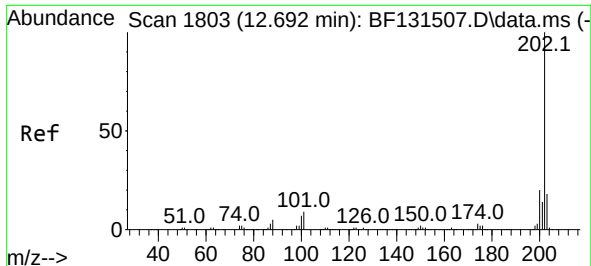


#74  
 Di-n-butylphthalate  
 Concen: 4.455 ng  
 RT: 12.027 min Scan# 1690  
 Delta R.T. -0.006 min  
 Lab File: BF131504.D  
 Acq: 05 Dec 2022 16:34



Tgt Ion:149 Resp: 95883  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.9 4.7 7.1





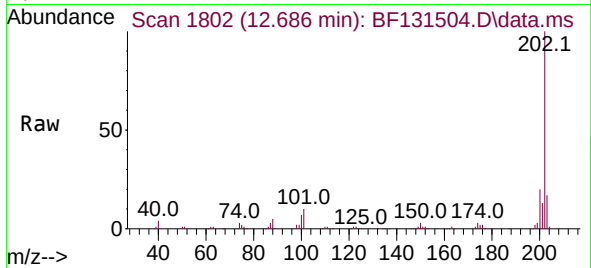
#75  
Fluoranthene  
Concen: 5.453 ng  
RT: 12.686 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

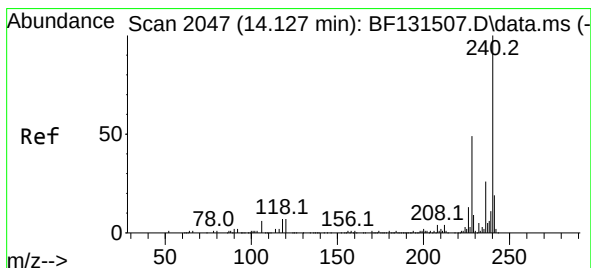
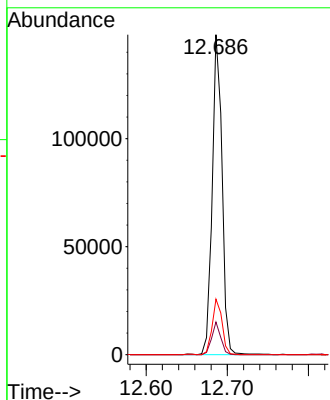
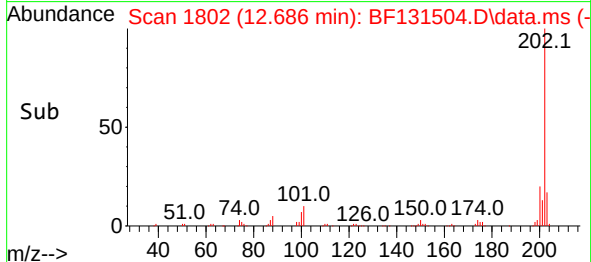


Tgt Ion:202 Resp: 125195  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 28.5  
203 17.3 0.0 37.6

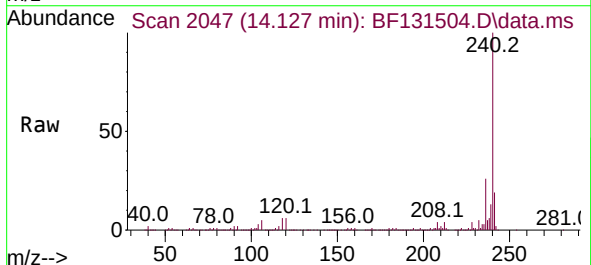
Manual Integrations

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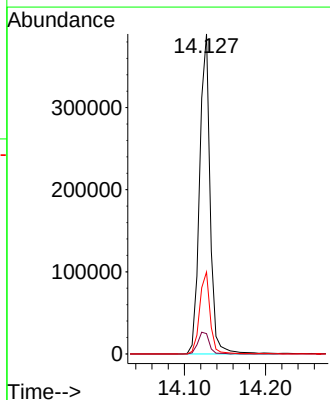
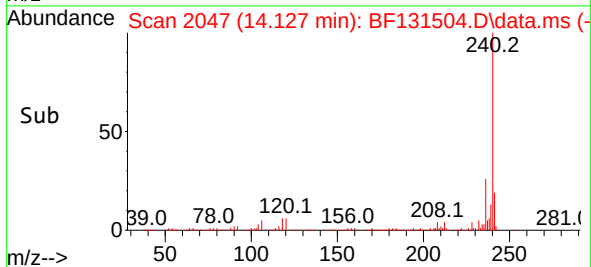
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

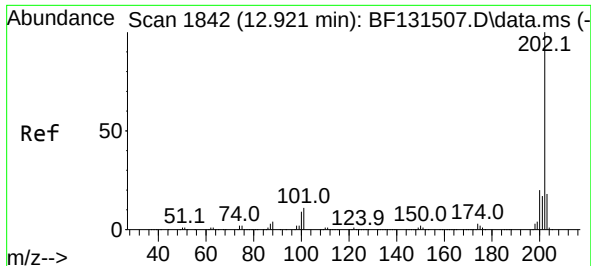


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2047  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



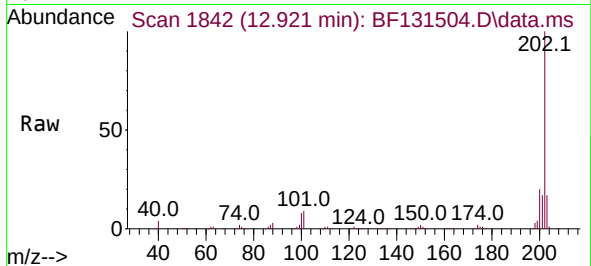
Tgt Ion:240 Resp: 347952  
Ion Ratio Lower Upper  
240 100  
120 6.3 5.6 8.4  
236 25.6 20.6 31.0





#78  
Pyrene  
Concen: 4.335 ng  
RT: 12.921 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

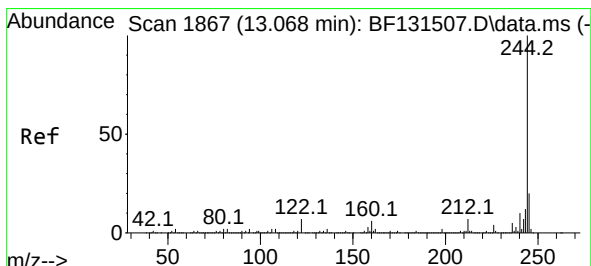
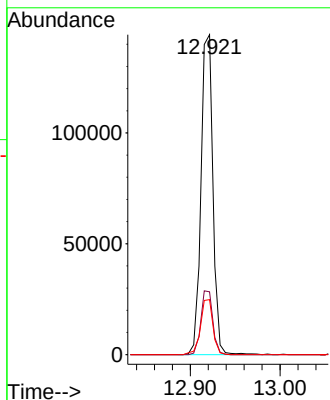
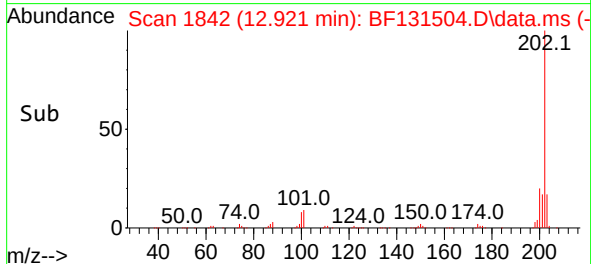
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



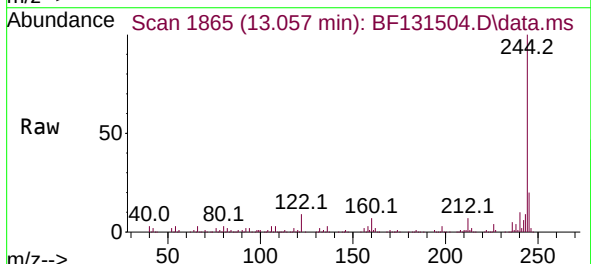
Tgt Ion:202 Resp: 133075  
Ion Ratio Lower Upper  
202 100  
200 19.6 16.3 24.5  
203 17.2 14.2 21.4

Manual Integrations  
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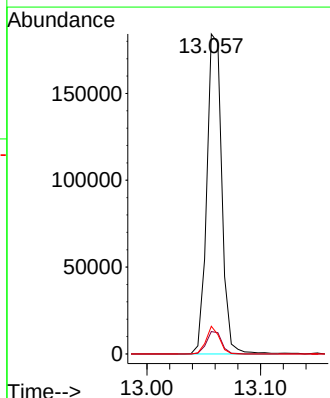
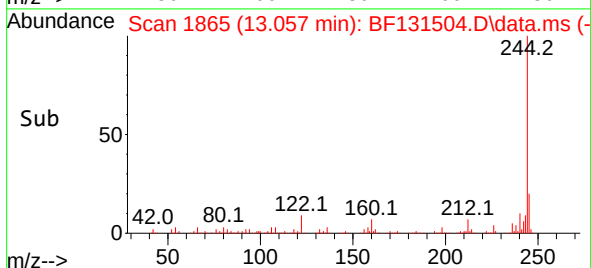
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



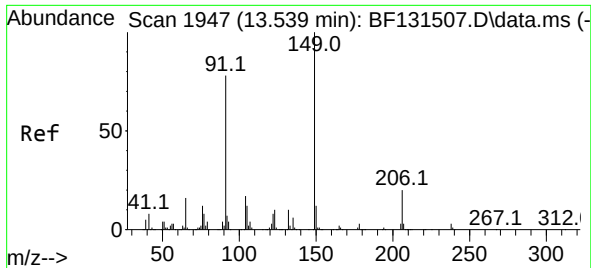
#79  
Terphenyl-d14  
Concen: 7.959 ng  
RT: 13.057 min Scan# 1865  
Delta R.T. -0.012 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



Tgt Ion:244 Resp: 169356  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 8.6 5.4 8.2#







#80  
Butylbenzylphthalate  
Concen: 3.287 ng  
RT: 13.539 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

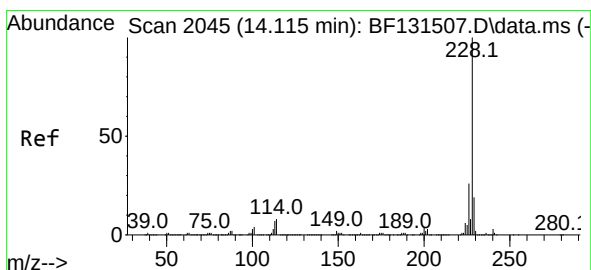
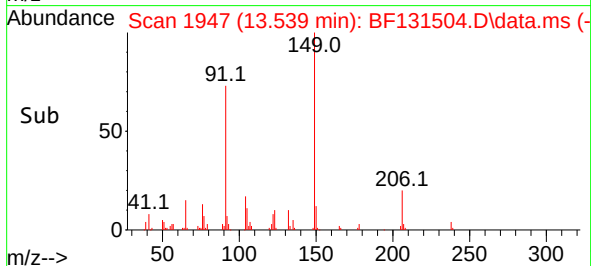
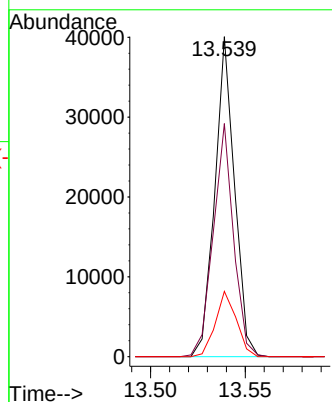
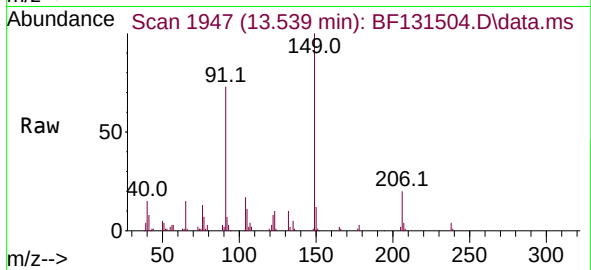
SSTDICC005

Tgt Ion:149 Resp: 29075  
Ion Ratio Lower Upper  
149 100  
91 72.8 62.5 93.7  
206 20.4 16.1 24.1

Manual Integrations

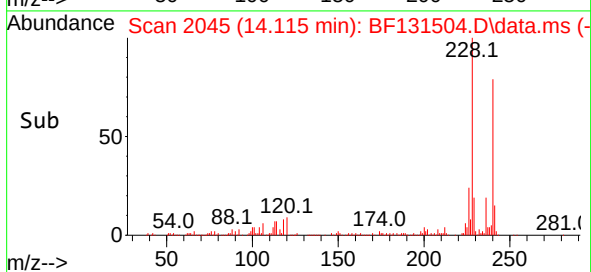
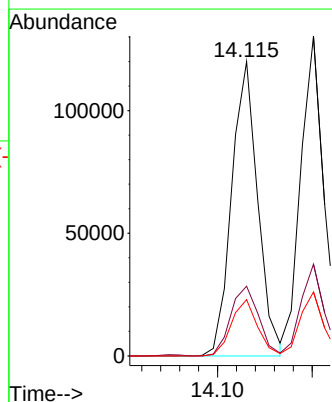
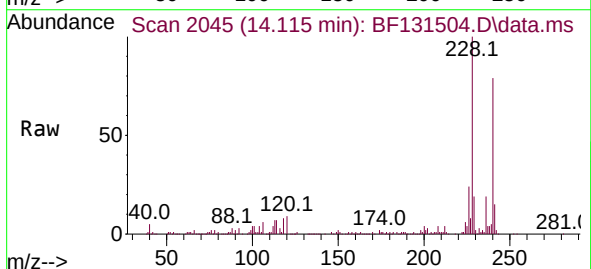
APPROVED

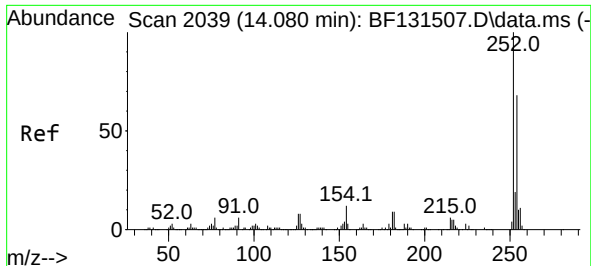
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#81  
Benzo(a)anthracene  
Concen: 4.818 ng  
RT: 14.115 min Scan# 2045  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

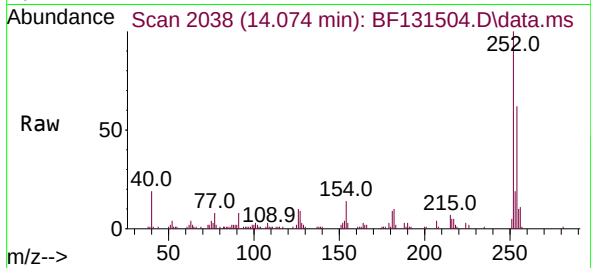
Tgt Ion:228 Resp: 114908  
Ion Ratio Lower Upper  
228 100  
226 23.7 21.0 31.4  
229 19.1 15.5 23.3





#82  
3,3'-Dichlorobenzidine  
Concen: 4.650 ng  
RT: 14.074 min Scan# 2039  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

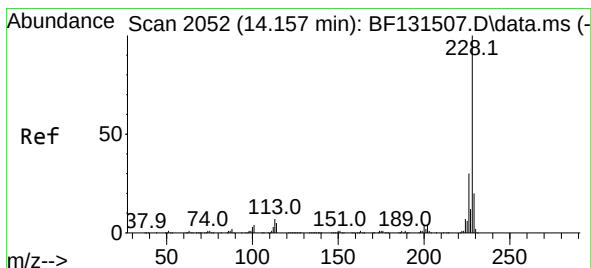
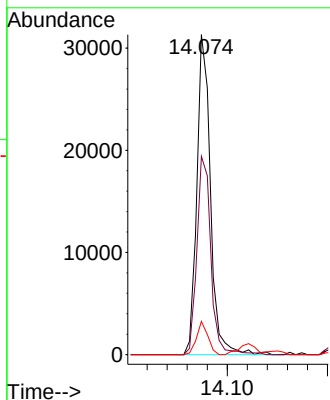
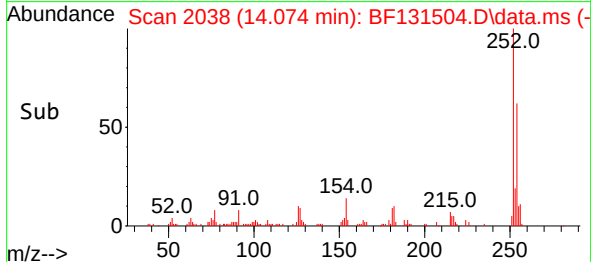
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:252 Resp: 29432  
Ion Ratio Lower Upper  
252 100  
254 62.0 54.3 81.5  
126 10.4 6.3 9.5

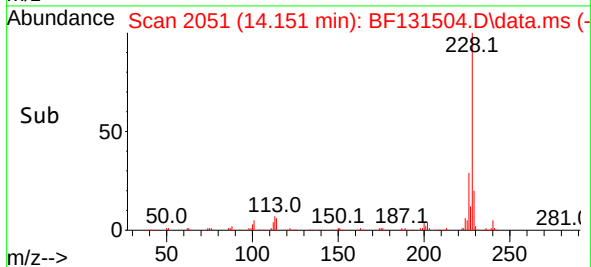
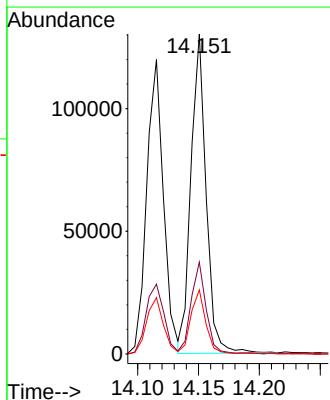
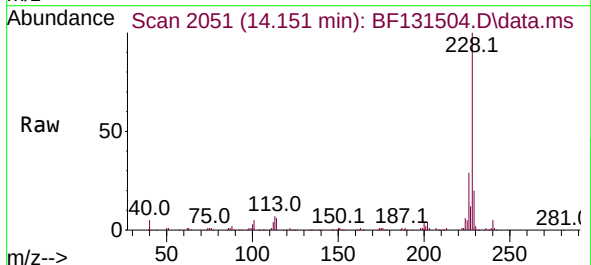
Manual Integrations  
APPROVED

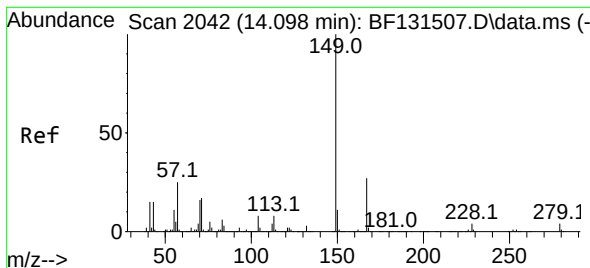
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#83  
Chrysene  
Concen: 4.810 ng  
RT: 14.151 min Scan# 2051  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

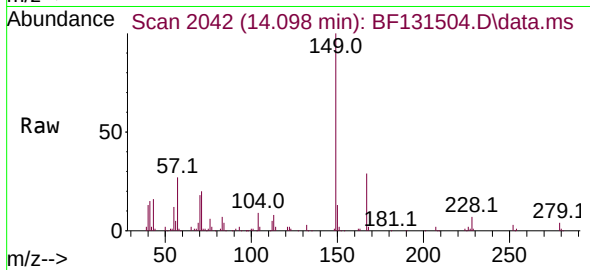
Tgt Ion:228 Resp: 112550  
Ion Ratio Lower Upper  
228 100  
226 28.7 23.8 35.8  
229 20.0 15.9 23.9





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.089 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

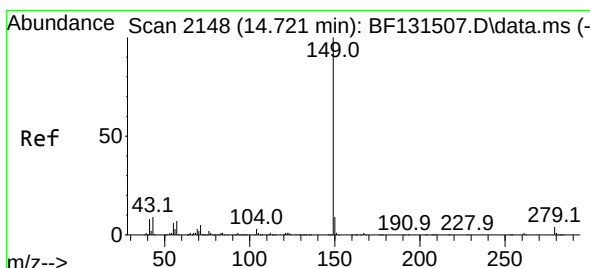
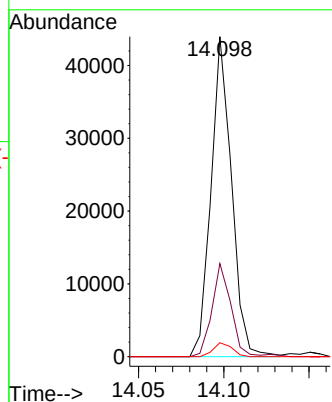
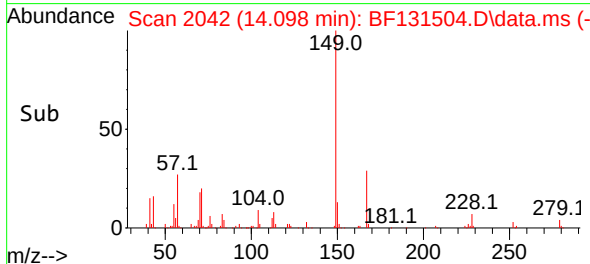
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



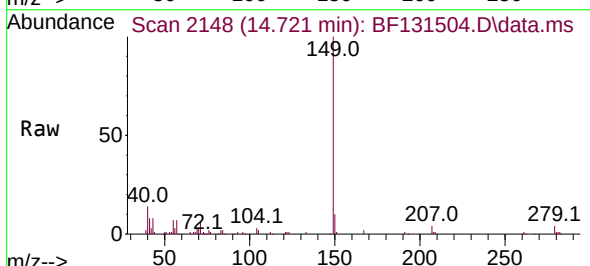
Tgt Ion:149 Resp: 3688  
Ion Ratio Lower Upper  
149 100  
167 29.1 21.7 32.5  
279 4.3 3.5 5.3

Manual Integrations  
APPROVED

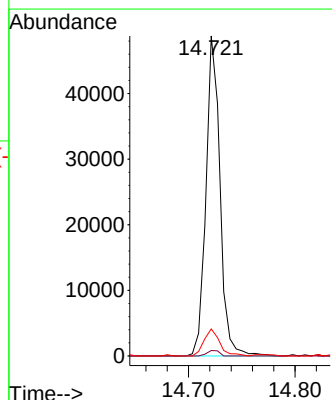
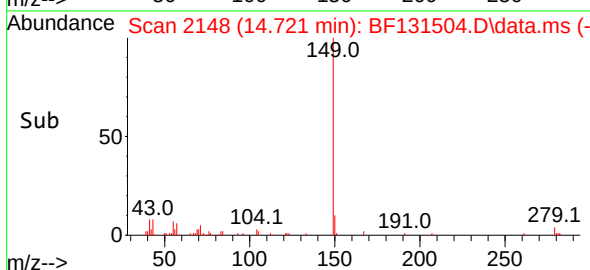
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

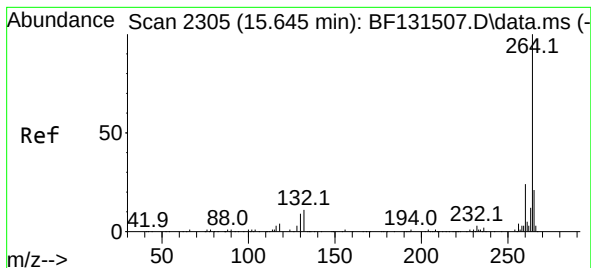


#85  
Di-n-octyl phthalate  
Concen: 2.474 ng  
RT: 14.721 min Scan# 2148  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



Tgt Ion:149 Resp: 44539  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 9.3 7.4 11.0





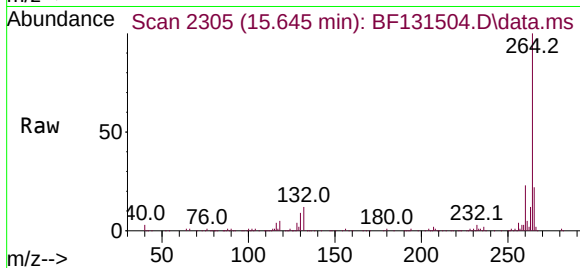
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.645 min Scan# 2305  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

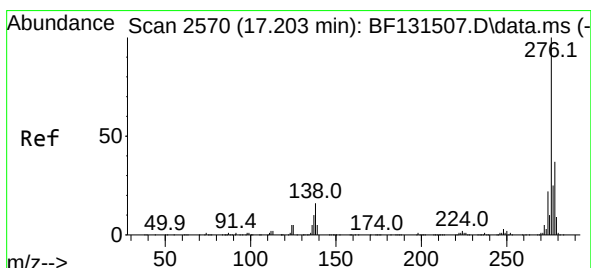
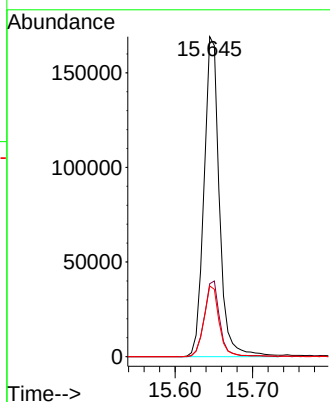
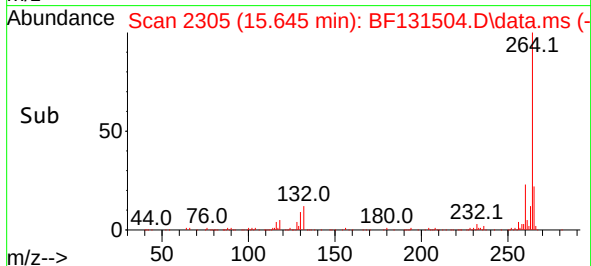


Tgt Ion:264 Resp: 233212  
Ion Ratio Lower Upper  
264 100  
260 22.8 19.0 28.4  
265 22.1 17.0 25.4

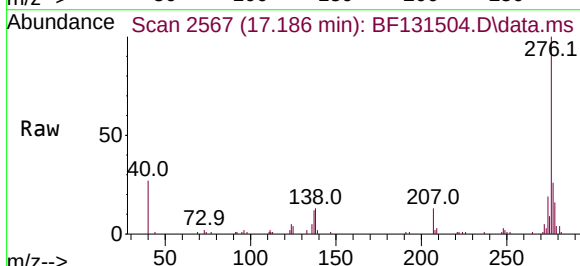
Manual Integrations

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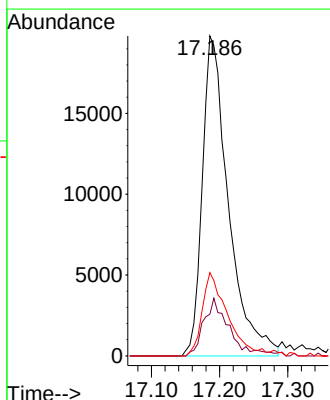
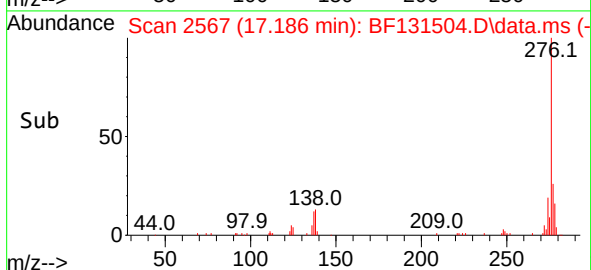
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

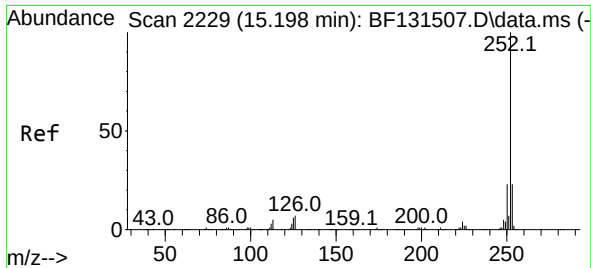


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 3.369 ng  
RT: 17.186 min Scan# 2567  
Delta R.T. -0.018 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



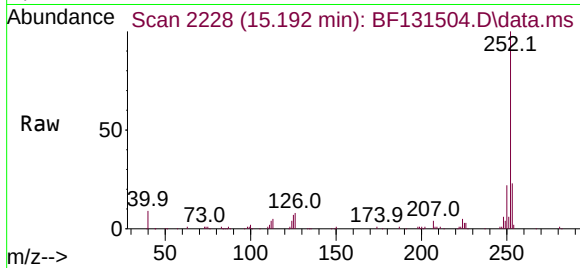
Tgt Ion:276 Resp: 52764  
Ion Ratio Lower Upper  
276 100  
138 17.5 13.2 19.8  
277 25.2 19.6 29.4





#88  
Benzo(b)fluoranthene  
Concen: 4.438 ng  
RT: 15.192 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

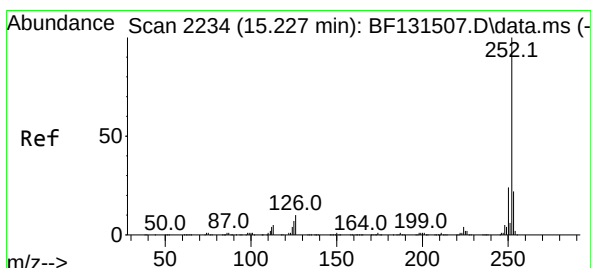
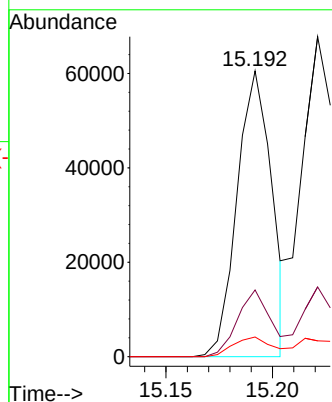
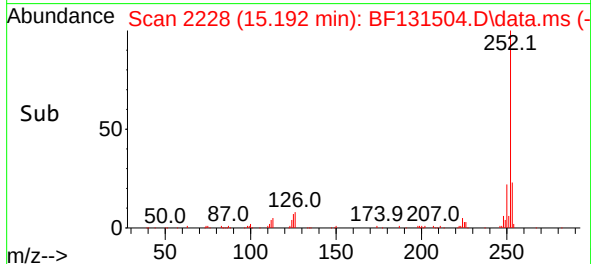
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



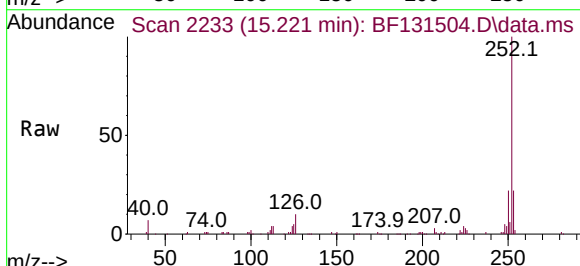
Tgt Ion:252 Resp: 68752  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.0 27.0  
125 6.9 5.0 7.6

Manual Integrations  
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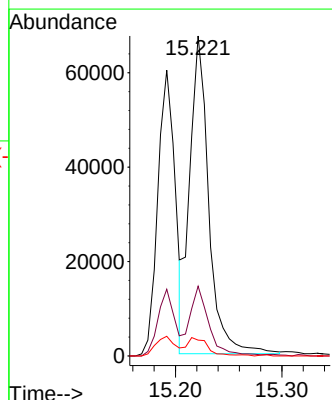
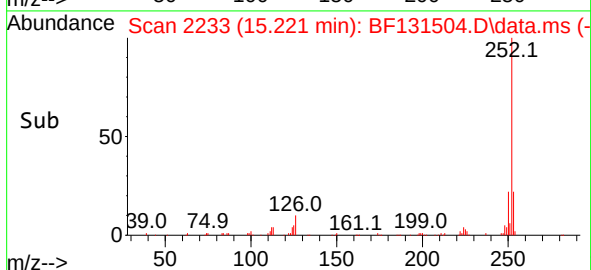
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022

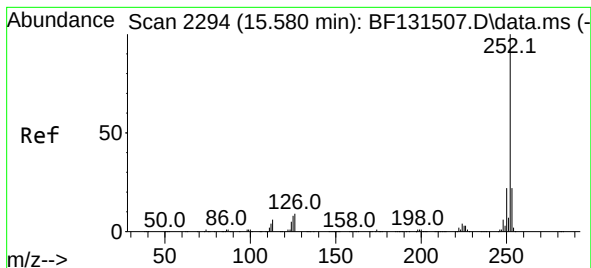


#89  
Benzo(k)fluoranthene  
Concen: 5.232 ng m  
RT: 15.221 min Scan# 2233  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34



Tgt Ion:252 Resp: 83307  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.7 26.5  
125 4.9 5.3 7.9#





#90  
Benzo(a)pyrene  
Concen: 4.431 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. -0.000 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

Instrument :

BNA\_F

ClientSampleId :

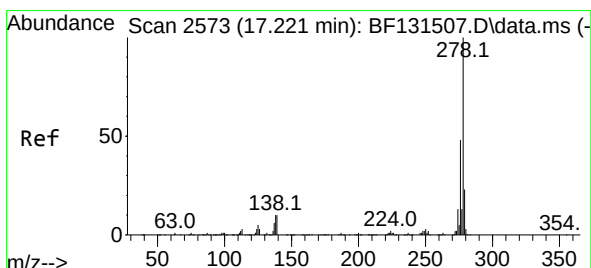
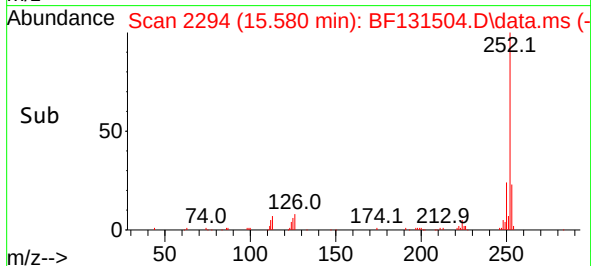
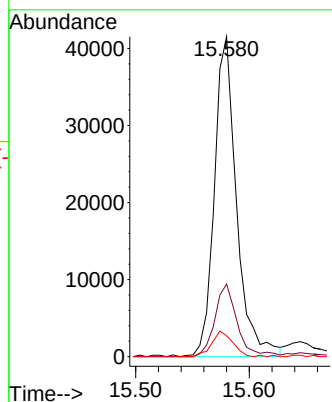
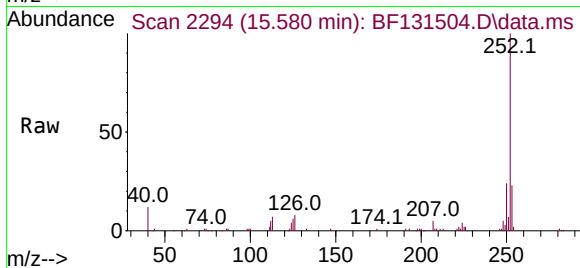
SSTDICC005

Tgt Ion:252 Resp: 56332  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.2 25.8  
125 6.5 6.1 9.1

Manual Integrations

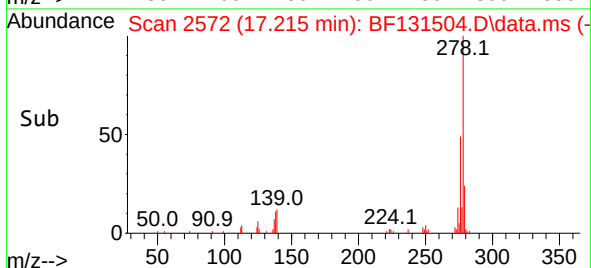
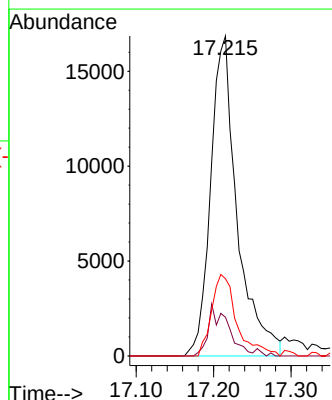
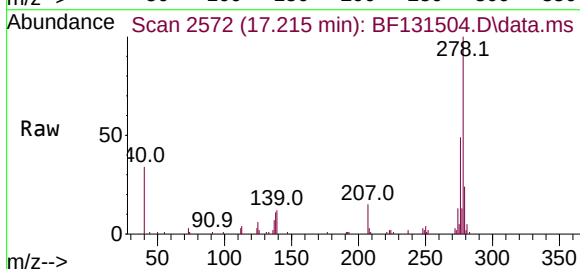
APPROVED

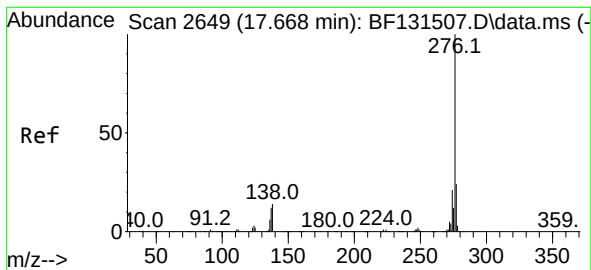
Reviewed By :Christian Giraldo 12/06/2022  
Supervised By :Jagrut Upadhyay 12/06/2022



#91  
Dibenzo(a,h)anthracene  
Concen: 3.098 ng  
RT: 17.215 min Scan# 2572  
Delta R.T. -0.006 min  
Lab File: BF131504.D  
Acq: 05 Dec 2022 16:34

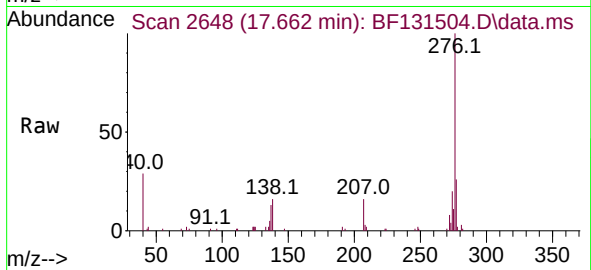
Tgt Ion:278 Resp: 40064  
Ion Ratio Lower Upper  
278 100  
139 12.1 8.4 12.6  
279 24.1 18.8 28.2





#92  
 Benzo(g,h,i)perylene  
 Concen: 3.670 ng  
 RT: 17.662 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: BF131504.D  
 Acq: 05 Dec 2022 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 47363 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.9  | 19.0  | 28.4  |
| 138       | 16.0  | 11.7  | 17.5  |

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 12/06/2022  
 Supervised By :Jagrut Upadhyay 12/06/2022

