

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011823\  
 Data File : BF132126.D  
 Acq On : 18 Jan 2023 19:26  
 Operator : CG\JU  
 Sample : PB150317BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150317BSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023  
 Supervised By : Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 07:53:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:42:19 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.095  | 152  | 229708   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.384  | 136  | 818943   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.154 | 164  | 454098   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.648 | 188  | 860299   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.313 | 240  | 508875   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.912 | 264  | 466557   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.737  | 112  | 1492143  | 115.569 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.719  | 99   | 1918001  | 114.990 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.666  | 82   | 1289528  | 83.581  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.948 | 330  | 606087   | 121.988 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.466  | 172  | 2055320  | 78.751  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.248 | 244  | 2416699  | 77.056  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.184  | 88   | 232424   | 34.371  | ng    | 99       |
| 3) Pyridine                   | 3.890  | 79   | 565178   | 31.214  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.854  | 42   | 356195   | 40.706  | ng    | 99       |
| 6) Aniline                    | 6.760  | 93   | 593469m  | 25.445  | ng    |          |
| 8) 2-Chlorophenol             | 6.884  | 128  | 609899   | 44.383  | ng    | 97       |
| 10) Phenol                    | 6.731  | 94   | 681648m  | 39.715  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.831  | 93   | 618156   | 42.352  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.042  | 146  | 643525   | 42.554  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.119  | 146  | 645672   | 42.656  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.272  | 146  | 623520   | 43.473  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.237  | 79   | 554442m  | 41.820  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 7.366  | 45   | 922811   | 42.471  | ng    | 99       |
| 17) 2-Methylphenol            | 7.337  | 107  | 485110   | 39.224  | ng    | 98       |
| 18) Hexachloroethane          | 7.613  | 117  | 251224   | 45.031  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.513  | 70   | 410959   | 39.190  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.489  | 107  | 585493   | 38.141  | ng    | 96       |
| 22) Acetophenone              | 7.507  | 105  | 771111   | 40.819  | ng    | 99       |
| 24) Nitrobenzene              | 7.684  | 77   | 669152   | 41.420  | ng    | 99       |
| 25) Isophorone                | 7.919  | 82   | 1258635  | 40.771  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.995  | 139  | 308860   | 46.923  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 8.025  | 122  | 554558   | 42.260  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 8.125  | 93   | 714839   | 40.380  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.236  | 162  | 507842   | 41.298  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.325  | 180  | 563135   | 41.907  | ng    | 99       |
| 31) Naphthalene               | 8.407  | 128  | 1604141  | 39.896  | ng    | 99       |
| 32) Benzoic acid              | 8.148  | 122  | 404296   | 44.848  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.448  | 127  | 177877   | 10.076  | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.519  | 225  | 385205   | 43.469  | ng    | 99       |
| 35) Caprolactam               | 8.825  | 113  | 172113m  | 43.073  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.925  | 107  | 534567   | 41.690  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 9.101  | 142  | 1058527  | 37.805  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.201  | 142  | 1007847  | 38.311  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.266  | 216  | 566553   | 38.818  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.254  | 237  | 702280   | 90.546  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.372  | 196  | 389269   | 41.500  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 9.419  | 196  | 440918   | 38.466  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011823\  
 Data File : BF132126.D  
 Acq On : 18 Jan 2023 19:26  
 Operator : CG\JU  
 Sample : PB150317BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150317BSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023  
 Supervised By : Jagrut Upadhyay 01/19/2023

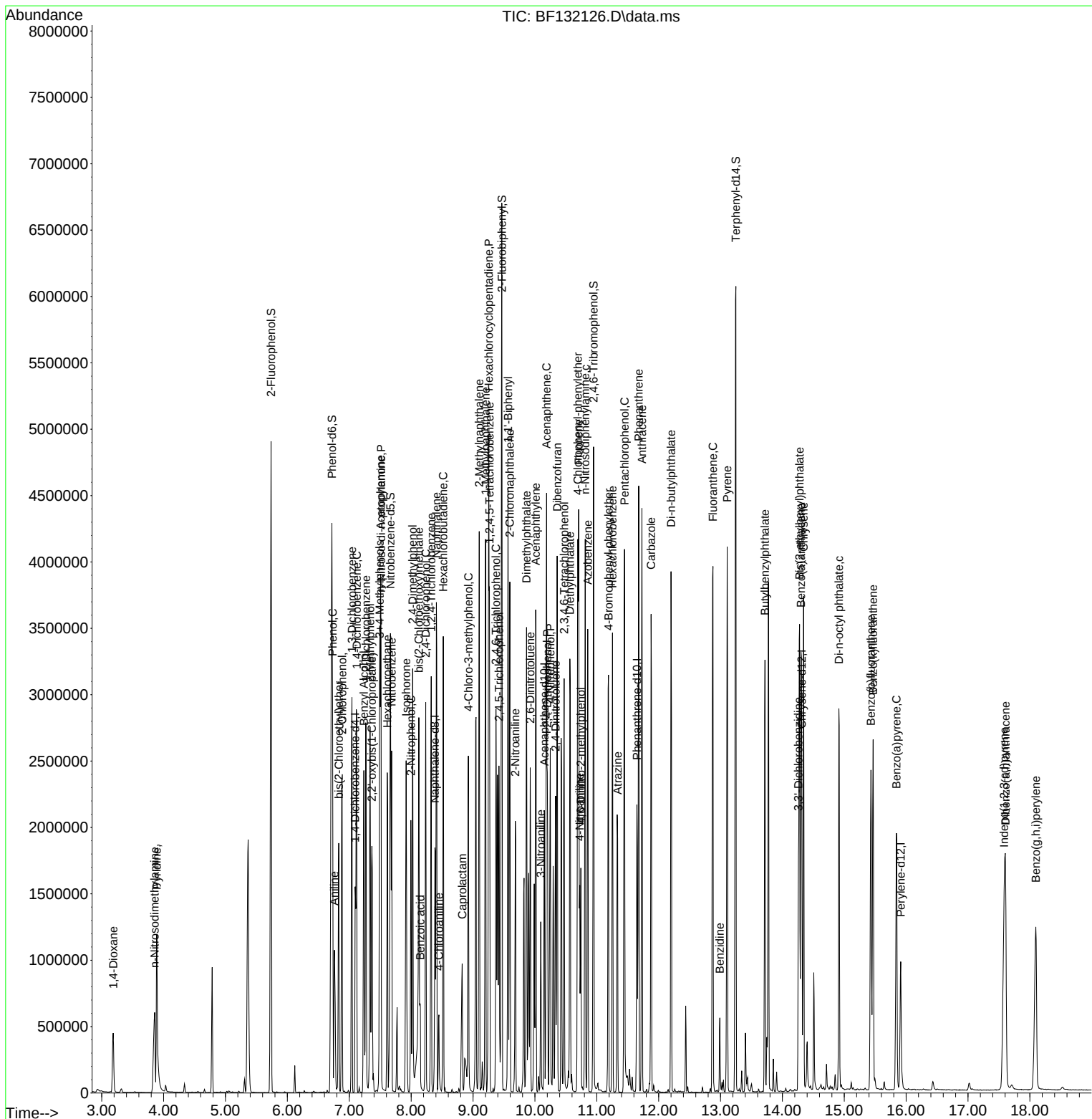
Quant Time: Jan 19 07:53:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:42:19 2023  
 Response via : Initial Calibration

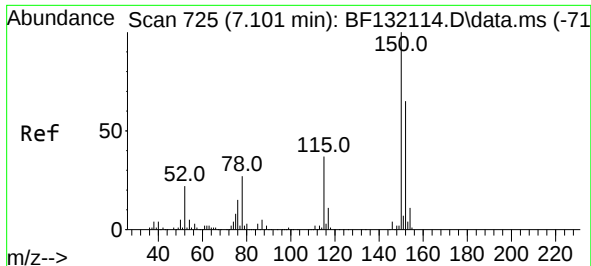
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.566  | 154  | 1302110  | 38.838  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.595  | 162  | 1028973  | 39.334  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.683  | 65   | 365351   | 40.967  | ng    | 100      |
| 49) Acenaphthylene            | 10.013 | 152  | 1612259  | 38.033  | ng    | 100      |
| 50) Dimethylphthalate         | 9.866  | 163  | 1263050  | 38.262  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.925  | 165  | 290697   | 41.396  | ng    | 99       |
| 52) Acenaphthene              | 10.189 | 154  | 1114172  | 43.402  | ng    | 97       |
| 53) 3-Nitroaniline            | 10.095 | 138  | 170770   | 22.971  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 10.201 | 184  | 310983   | 104.231 | ng    | # 88     |
| 55) Dibenzofuran              | 10.360 | 168  | 1481940  | 37.518  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.248 | 139  | 426404   | 80.283  | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 10.336 | 165  | 371555   | 42.837  | ng    | 88       |
| 58) Fluorene                  | 10.707 | 166  | 1103838  | 37.683  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.472 | 232  | 366864   | 40.663  | ng    | 100      |
| 60) Diethylphthalate          | 10.566 | 149  | 1283825  | 38.840  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.695 | 204  | 591203   | 37.549  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.725 | 138  | 262062   | 39.091  | ng    | 96       |
| 63) Azobenzene                | 10.854 | 77   | 1203534  | 37.381  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.742 | 198  | 198781   | 49.686  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.813 | 169  | 1018166  | 39.435  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.189 | 248  | 400478   | 40.980  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.254 | 284  | 426265   | 43.355  | ng    | 99       |
| 69) Atrazine                  | 11.336 | 200  | 267363   | 30.771  | ng    | 97       |
| 70) Pentachlorophenol         | 11.448 | 266  | 522311   | 77.323  | ng    | 98       |
| 71) Phenanthrene              | 11.677 | 178  | 1687460  | 39.678  | ng    | 99       |
| 72) Anthracene                | 11.730 | 178  | 1671466  | 38.653  | ng    | 99       |
| 73) Carbazole                 | 11.877 | 167  | 1502930  | 39.832  | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.201 | 149  | 1908402  | 41.650  | ng    | 99       |
| 75) Fluoranthene              | 12.877 | 202  | 1856651  | 40.756  | ng    | 100      |
| 77) Benzidine                 | 12.989 | 184  | 213971   | 15.615  | ng    | 98       |
| 78) Pyrene                    | 13.107 | 202  | 1859729  | 38.181  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.718 | 149  | 737725   | 42.967  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.301 | 228  | 1414184  | 39.762  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.260 | 252  | 315399   | 33.338  | ng    | 99       |
| 83) Chrysene                  | 14.342 | 228  | 1309954  | 39.180  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.277 | 149  | 1007875  | 44.887  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.913 | 149  | 1511139  | 51.319  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.583 | 276  | 1391683  | 50.625  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.430 | 252  | 1371057  | 46.710  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.465 | 252  | 1232132  | 41.963  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.842 | 252  | 1156731  | 43.592  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.606 | 278  | 1144648  | 51.820  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 18.095 | 276  | 1203992  | 52.315  | ng    | 99       |

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

## Manual Integrations

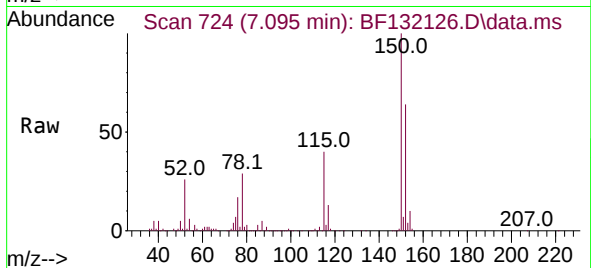
Quant Time: Jan 19 07:53:09 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 19 00:42:19 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.095 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

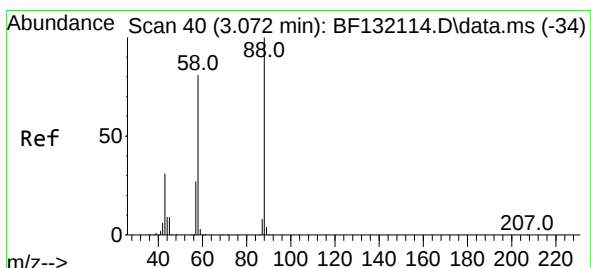
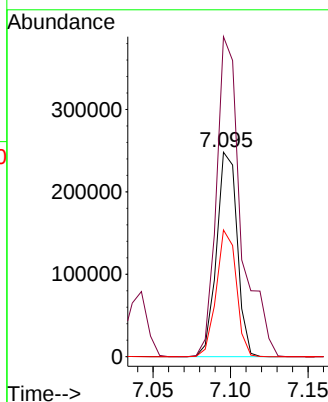
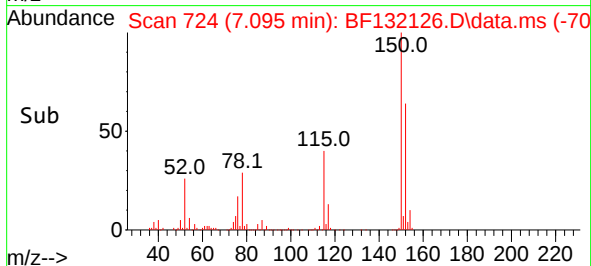
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



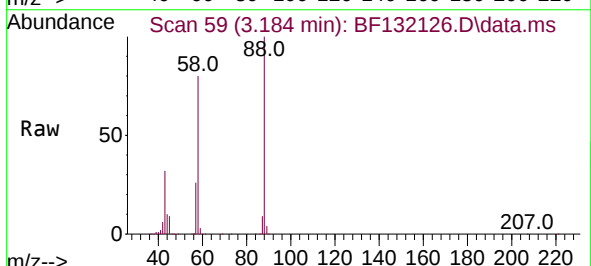
Tgt Ion:152 Resp: 229708  
Ion Ratio Lower Upper  
152 100  
150 156.5 123.3 184.9  
115 62.0 45.8 68.6

Manual Integrations  
APPROVED

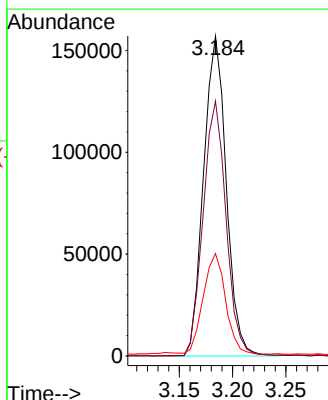
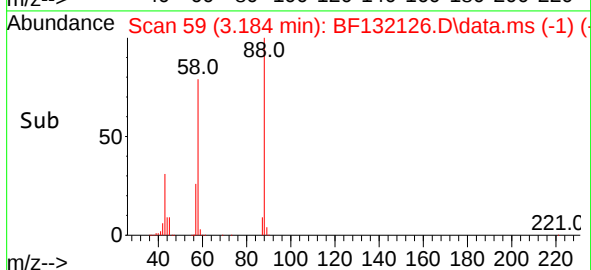
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

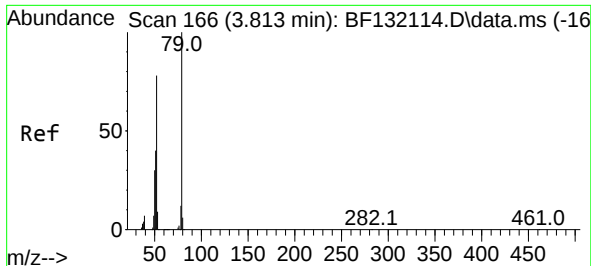


#2  
1,4-Dioxane  
Concen: 34.371 ng  
RT: 3.184 min Scan# 59  
Delta R.T. 0.112 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



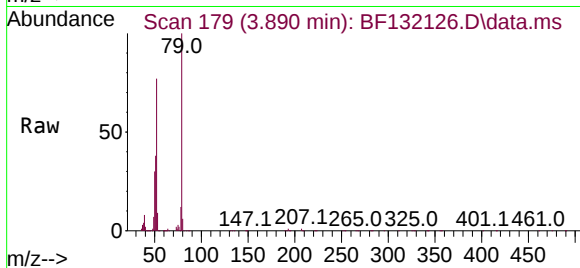
Tgt Ion: 88 Resp: 232424  
Ion Ratio Lower Upper  
88 100  
58 80.9 63.8 95.6  
43 31.1 24.7 37.1





#3  
Pyridine  
Concen: 31.214 ng  
RT: 3.890 min Scan# 179  
Delta R.T. 0.077 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

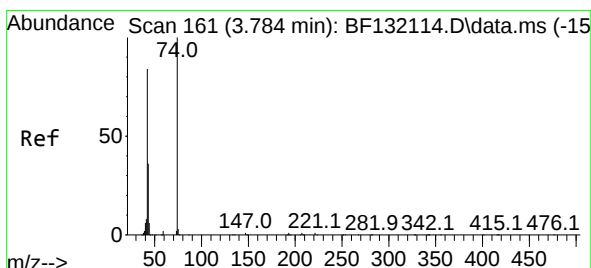
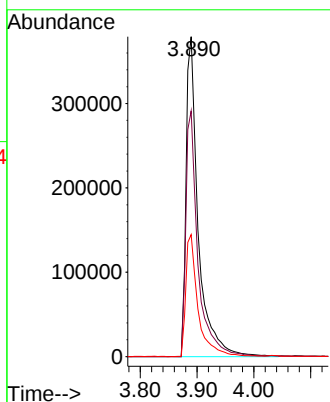
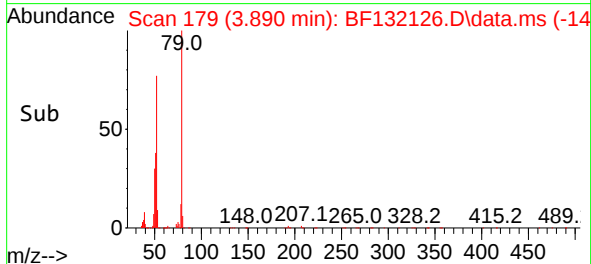
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



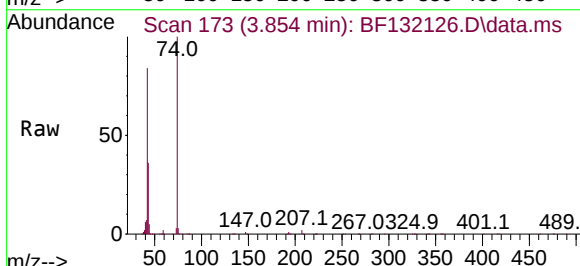
Tgt Ion: 79 Resp: 565178  
Ion Ratio Lower Upper  
79 100  
52 76.8 62.2 93.4  
51 38.1 31.9 47.9

Manual Integrations  
APPROVED

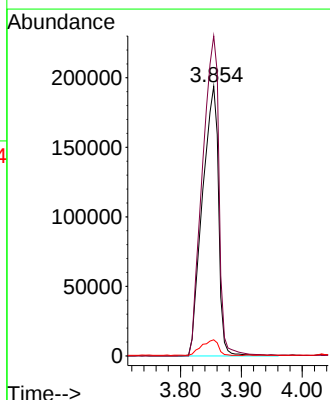
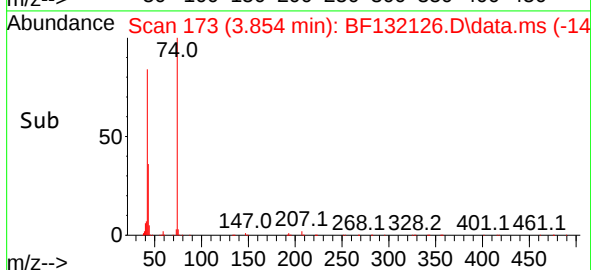
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

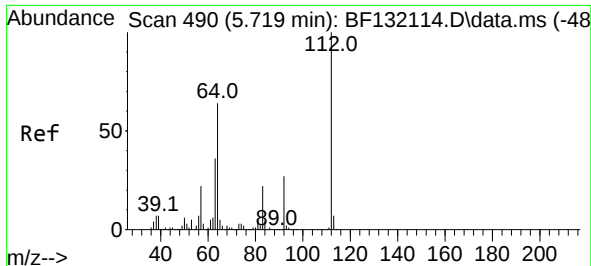


#4  
n-Nitrosodimethylamine  
Concen: 40.706 ng  
RT: 3.854 min Scan# 173  
Delta R.T. 0.071 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



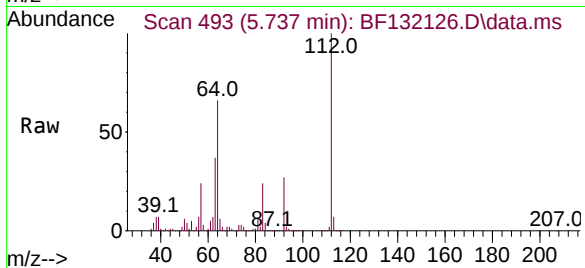
Tgt Ion: 42 Resp: 356195  
Ion Ratio Lower Upper  
42 100  
74 118.8 95.8 143.6  
44 6.0 5.6 8.4





#5  
2-Fluorophenol  
Concen: 115.569 ng  
RT: 5.737 min Scan# 490  
Delta R.T. 0.018 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

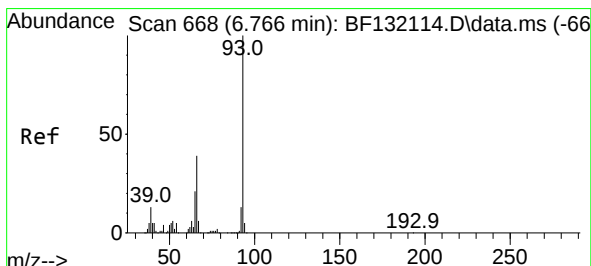
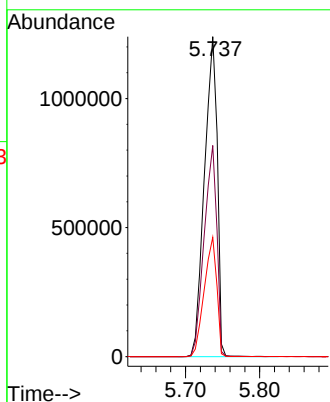
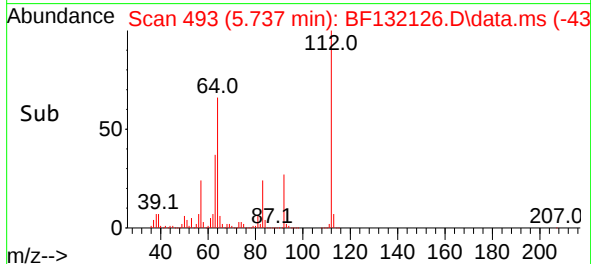
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion: 112 Resp: 1492143  
Ion Ratio Lower Upper  
112 100  
64 66.0 51.0 76.6  
63 37.3 28.7 43.1

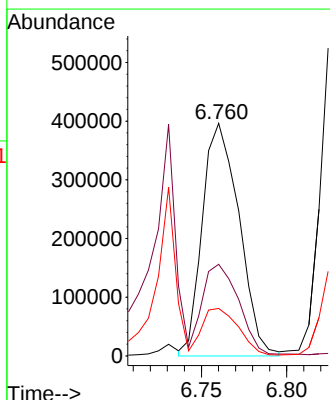
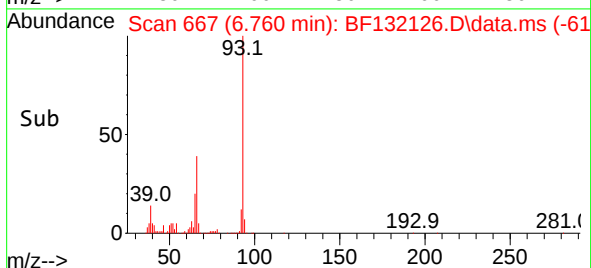
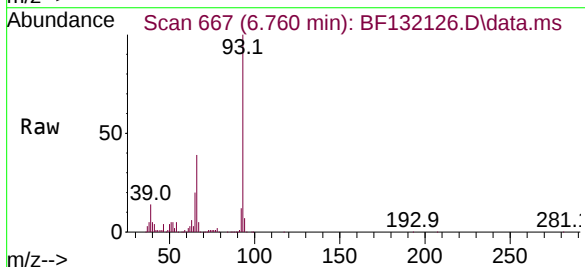
Manual Integrations  
APPROVED

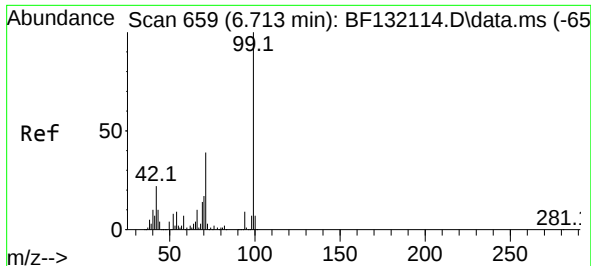
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#6  
Aniline  
Concen: 25.445 ng m  
RT: 6.760 min Scan# 667  
Delta R.T. -0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

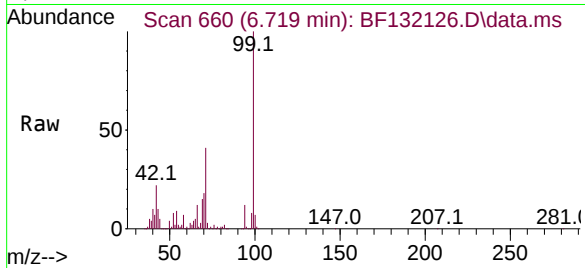
Tgt Ion: 93 Resp: 593469  
Ion Ratio Lower Upper  
93 100  
66 39.4 32.2 48.2  
65 20.4 17.0 25.4





#7  
Phenol-d6  
Concen: 114.990 ng  
RT: 6.719 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

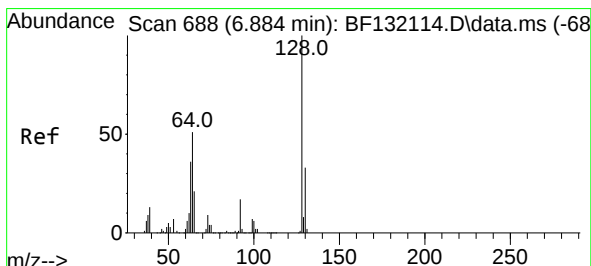
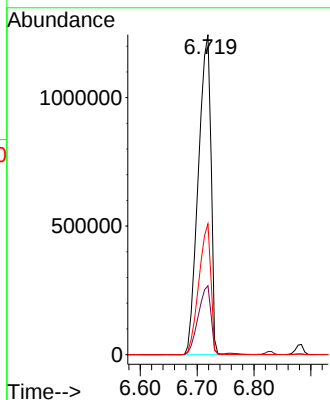
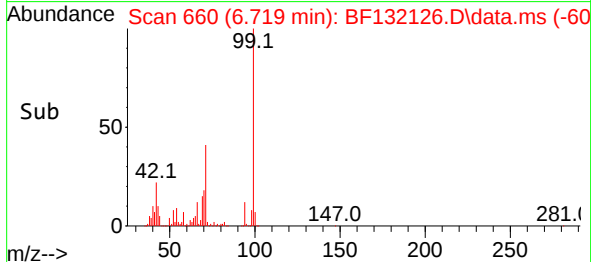
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion: 99 Resp: 191800  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.2 25.8  
71 40.9 31.0 46.6

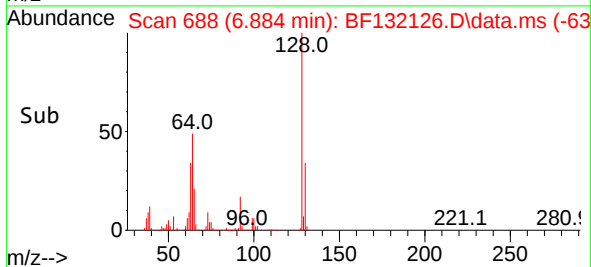
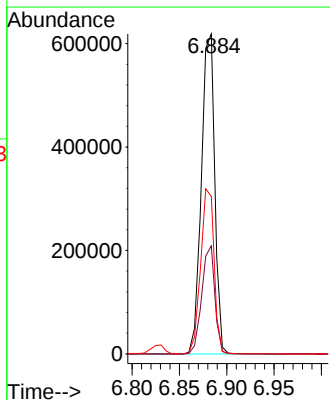
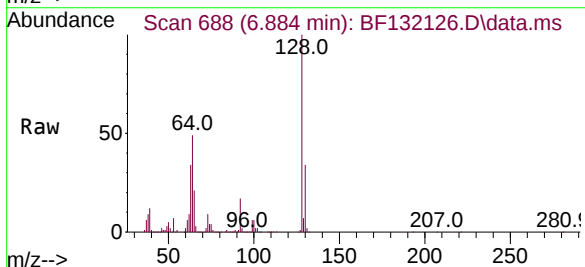
Manual Integrations  
APPROVED

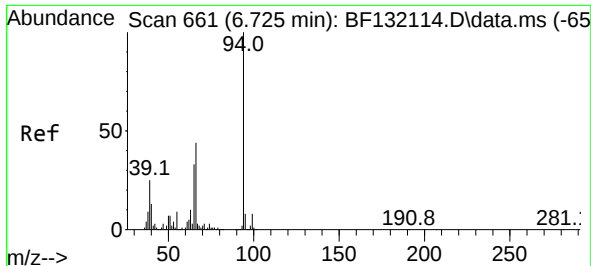
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#8  
2-Chlorophenol  
Concen: 44.383 ng  
RT: 6.884 min Scan# 688  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

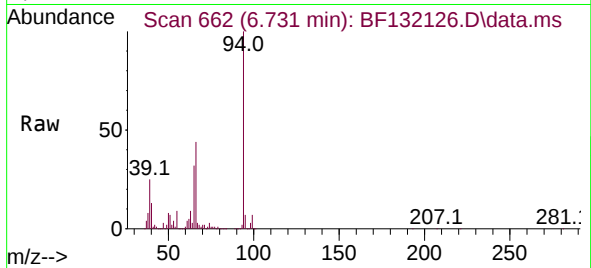
Tgt Ion:128 Resp: 609899  
Ion Ratio Lower Upper  
128 100  
130 33.8 13.1 53.1  
64 49.3 32.0 72.0





#10  
Phenol  
Concen: 39.715 ng m  
RT: 6.731 min Scan# 661  
Delta R.T. 0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

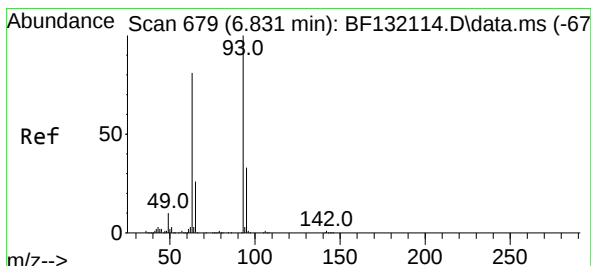
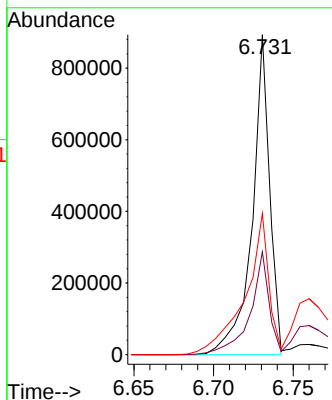
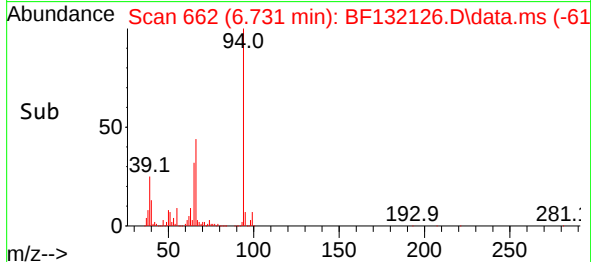
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion: 94 Resp: 681648  
Ion Ratio Lower Upper  
94 100  
65 32.1 12.7 52.7  
66 44.1 23.8 63.8

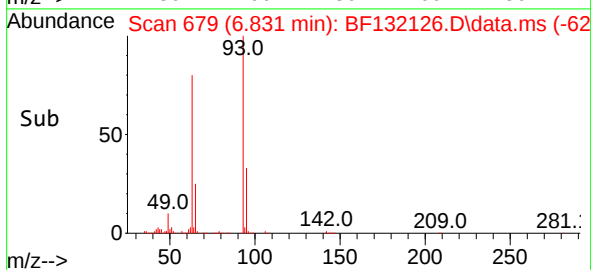
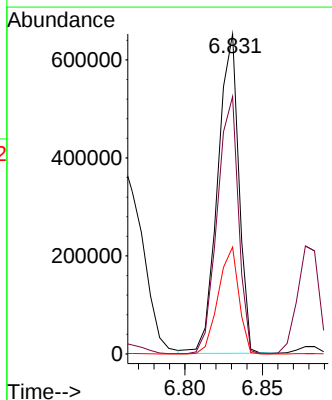
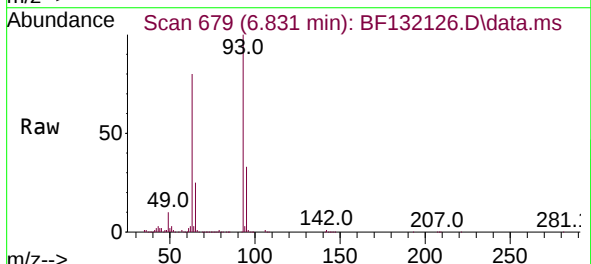
Manual Integrations  
APPROVED

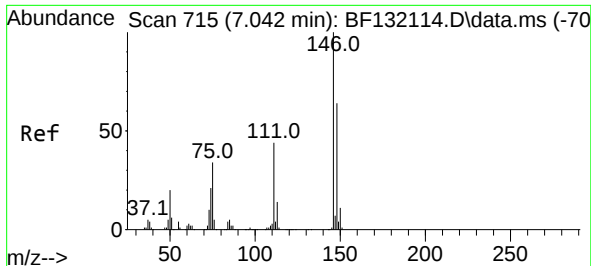
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#11  
bis(2-Chloroethyl)ether  
Concen: 42.352 ng  
RT: 6.831 min Scan# 679  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Tgt Ion: 93 Resp: 618156  
Ion Ratio Lower Upper  
93 100  
63 80.4 60.8 100.8  
95 33.4 13.1 53.1





#12

1,3-Dichlorobenzene

Concen: 42.554 ng

RT: 7.042 min Scan# 715

Delta R.T. 0.000 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

Instrument :

BNA\_F

ClientSampleId :

PB150317BSD

Tgt Ion:146 Resp: 643525

Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

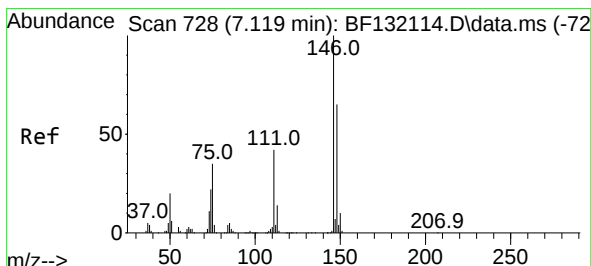
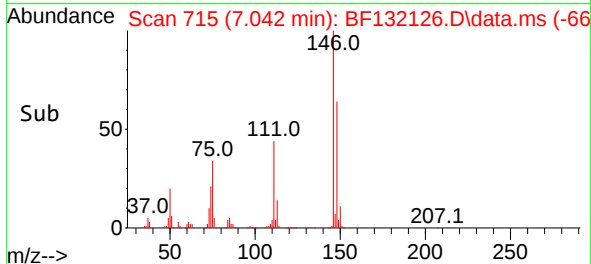
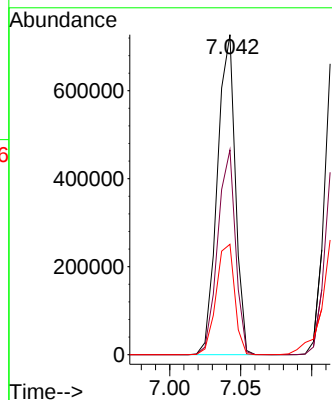
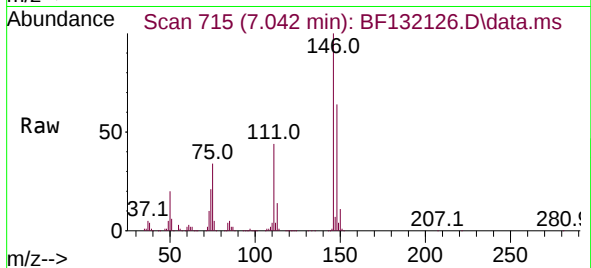
75 34.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#13

1,4-Dichlorobenzene

Concen: 42.656 ng

RT: 7.119 min Scan# 728

Delta R.T. 0.000 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

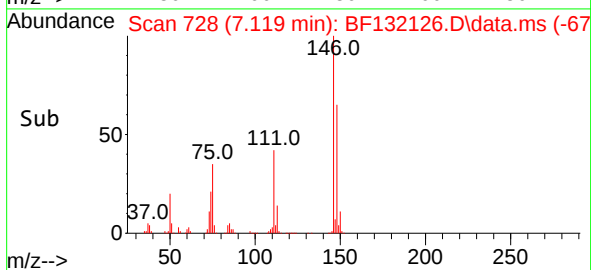
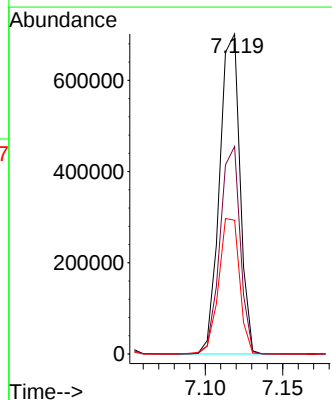
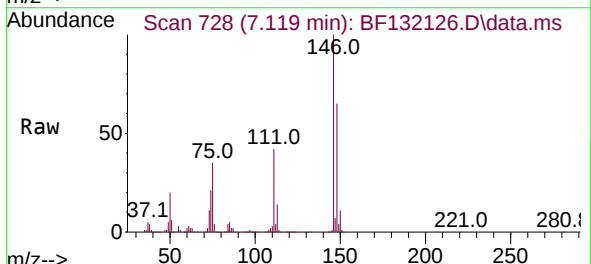
Tgt Ion:146 Resp: 645672

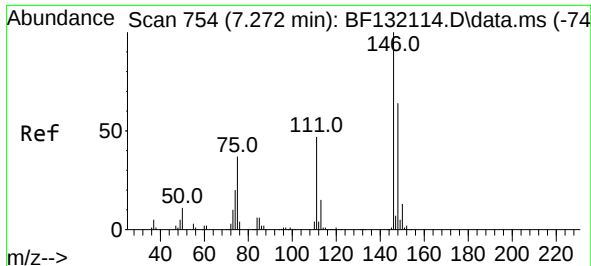
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

111 41.8 33.2 49.8





#14

1,2-Dichlorobenzene

Concen: 43.473 ng

RT: 7.272 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

Instrument :

BNA\_F

ClientSampleId :

PB150317BSD

Tgt Ion:146 Resp: 623520

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

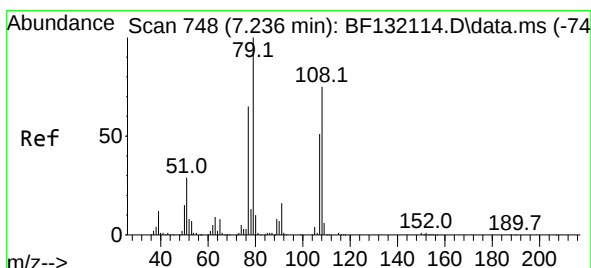
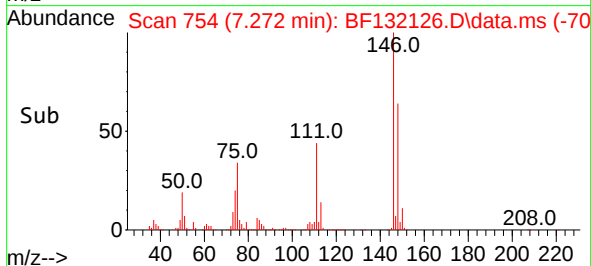
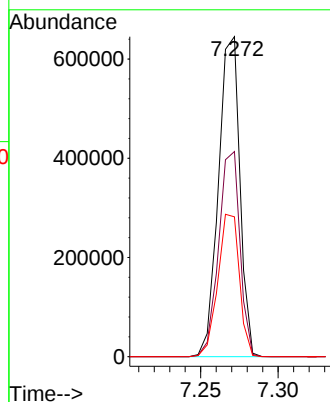
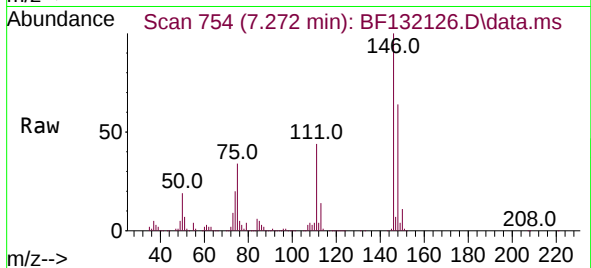
111 43.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#15

Benzyl Alcohol

Concen: 41.820 ng m

RT: 7.237 min Scan# 748

Delta R.T. 0.000 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

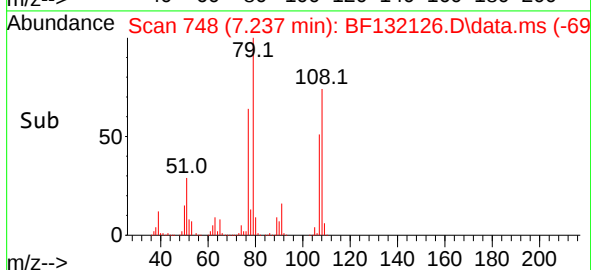
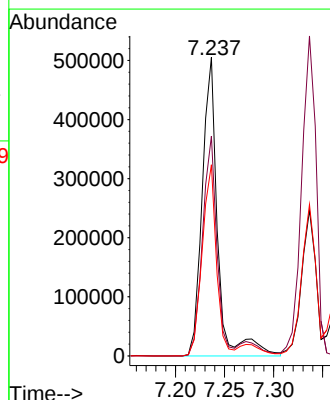
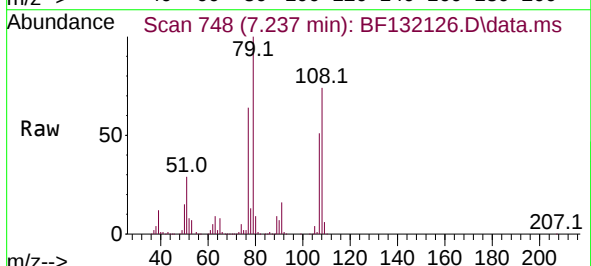
Tgt Ion: 79 Resp: 554442

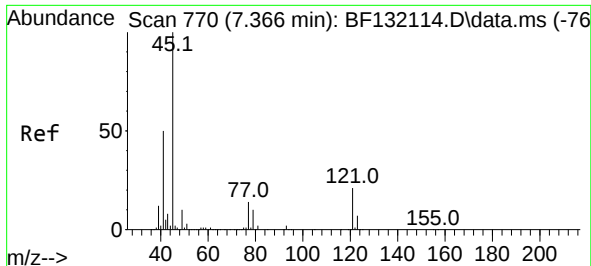
Ion Ratio Lower Upper

79 100

108 73.7 59.7 89.5

77 64.0 51.9 77.9





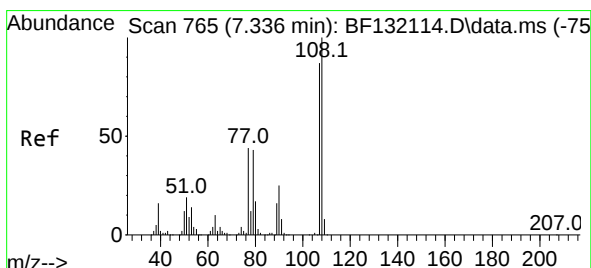
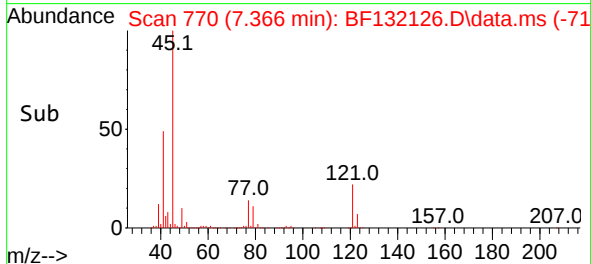
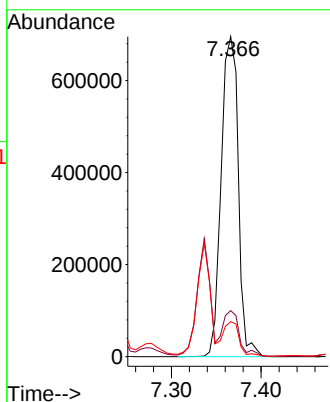
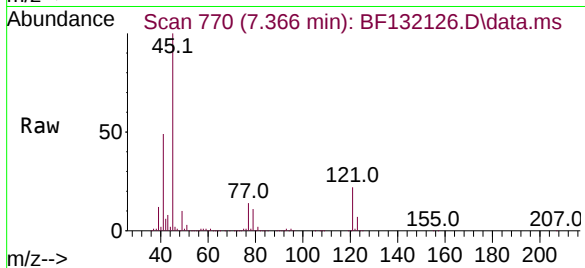
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.471 ng  
RT: 7.366 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD

Tgt Ion: 45 Resp: 92281  
Ion Ratio Lower Upper  
45 100  
77 14.4 0.0 34.1  
79 11.0 0.0 30.5

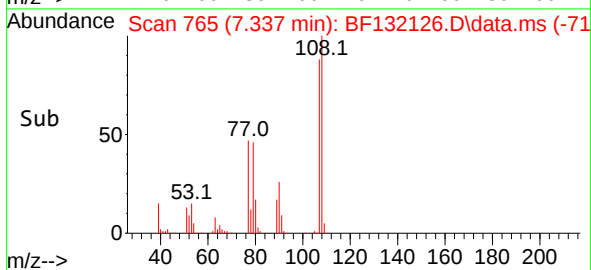
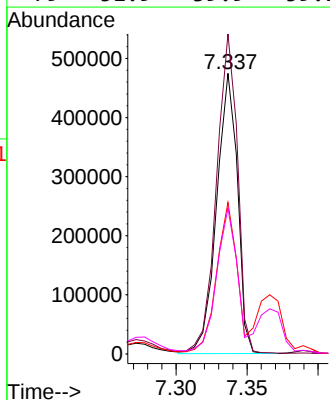
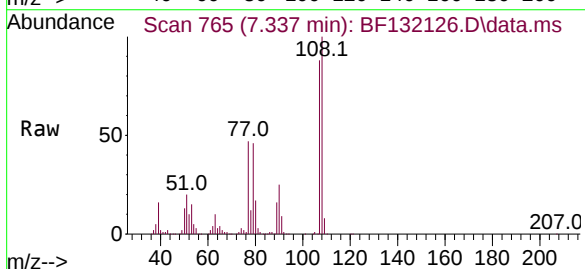
Manual Integrations  
APPROVED

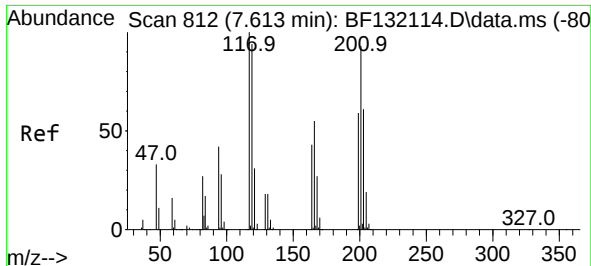
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#17  
2-Methylphenol  
Concen: 39.224 ng  
RT: 7.337 min Scan# 765  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

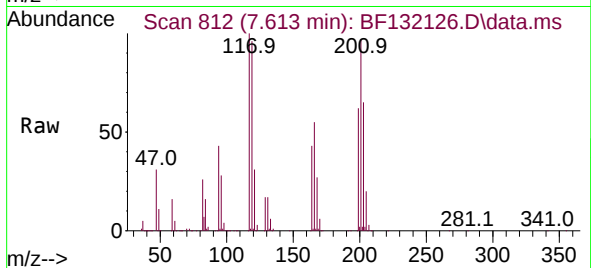
Tgt Ion:107 Resp: 485110  
Ion Ratio Lower Upper  
107 100  
108 114.0 91.7 137.5  
77 54.0 40.6 60.8  
79 51.9 39.9 59.9





#18  
Hexachloroethane  
Concen: 45.031 ng  
RT: 7.613 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

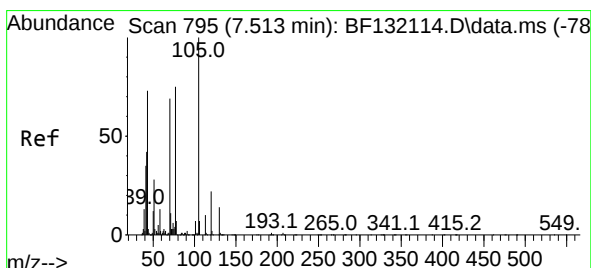
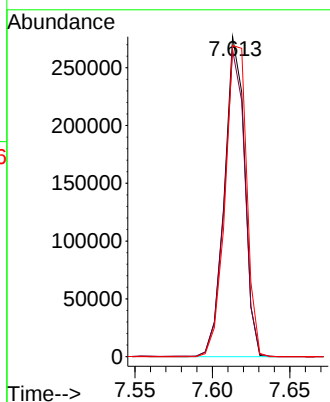
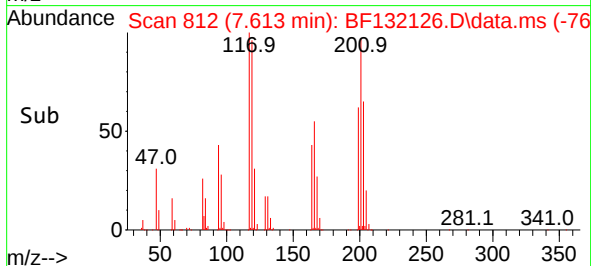
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:117 Resp: 251224  
Ion Ratio Lower Upper  
117 100  
119 95.8 75.5 113.3  
201 97.2 74.0 111.0

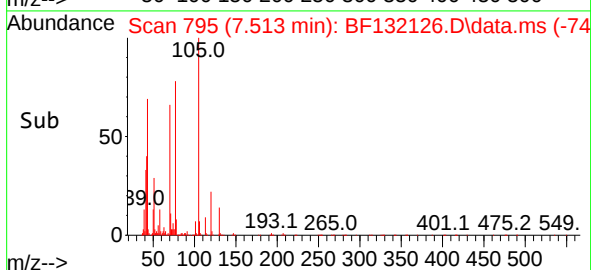
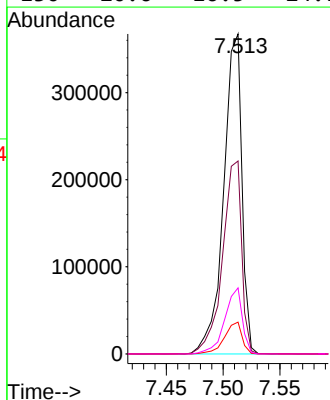
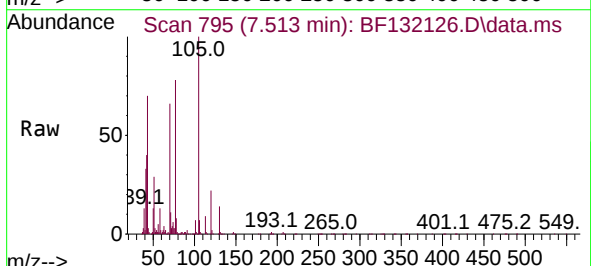
Manual Integrations  
APPROVED

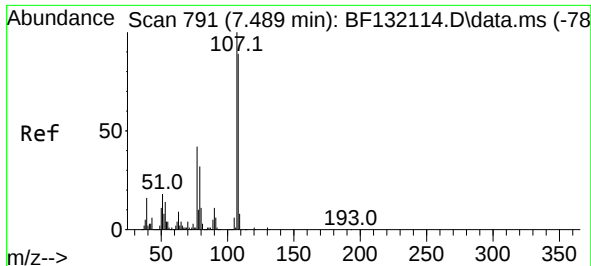
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#19  
n-Nitroso-di-n-propylamine  
Concen: 39.190 ng  
RT: 7.513 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Tgt Ion: 70 Resp: 410959  
Ion Ratio Lower Upper  
70 100  
42 60.3 48.5 72.7  
101 9.9 7.8 11.8  
130 20.6 16.5 24.7





#20

3+4-Methylphenols

Concen: 38.141 ng

RT: 7.489 min Scan# 791

Delta R.T. 0.000 min

Lab File: BF132126.D

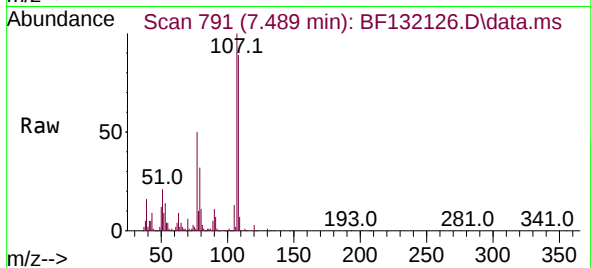
Acq: 18 Jan 2023 19:26

Instrument :

BNA\_F

ClientSampleId :

PB150317BSD



Tgt Ion:107 Resp: 585493

Ion Ratio Lower Upper

107 100

108 88.6 68.9 108.9

77 50.4 22.4 62.4

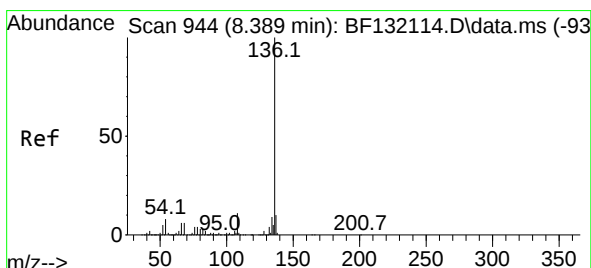
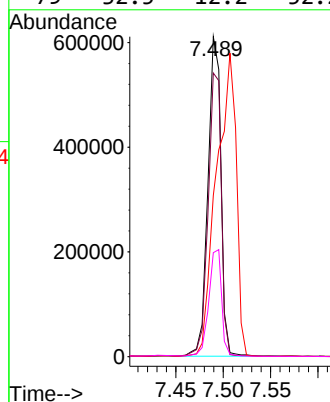
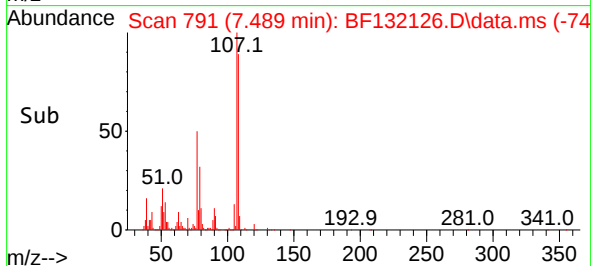
79 32.5 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.384 min Scan# 943

Delta R.T. -0.006 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

Tgt Ion:136 Resp: 818943

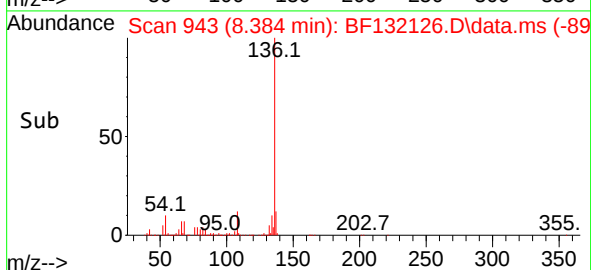
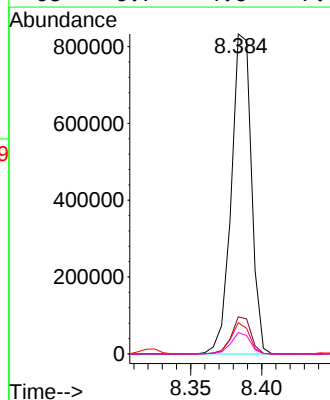
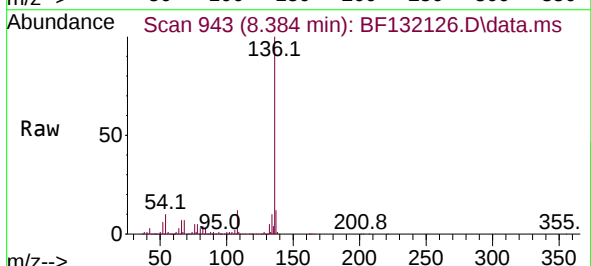
Ion Ratio Lower Upper

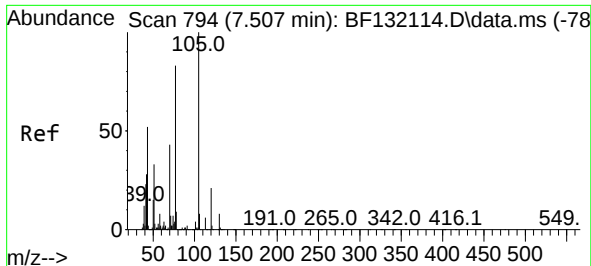
136 100

137 11.6 8.4 12.6

54 9.7 6.6 10.0

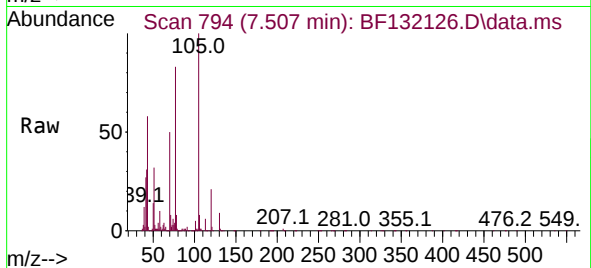
68 6.7 4.6 7.0





#22  
Acetophenone  
Concen: 40.819 ng  
RT: 7.507 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

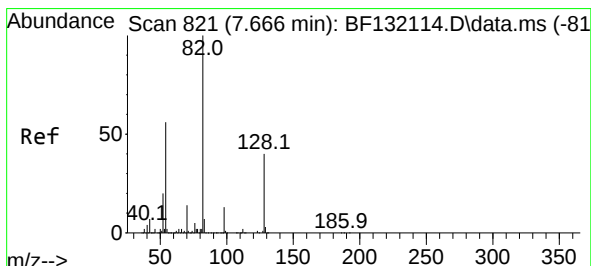
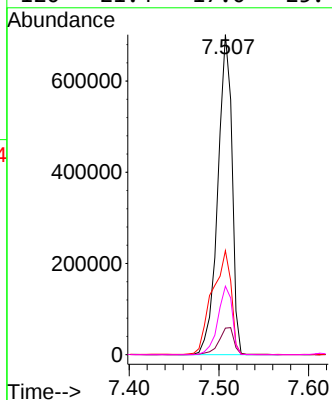
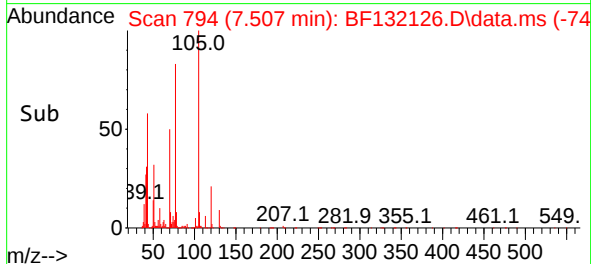
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion: 105 Resp: 771111  
Ion Ratio Lower Upper  
105 100  
71 8.3 6.0 9.0  
51 32.5 26.6 39.8  
120 21.4 17.0 25.4

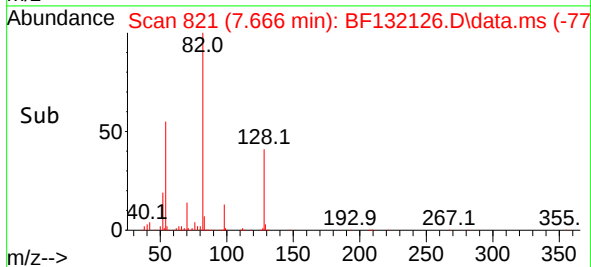
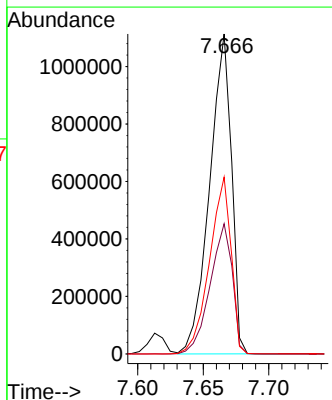
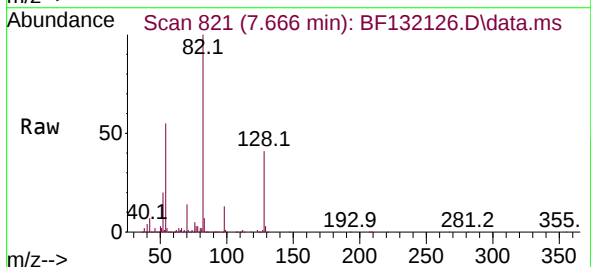
Manual Integrations  
APPROVED

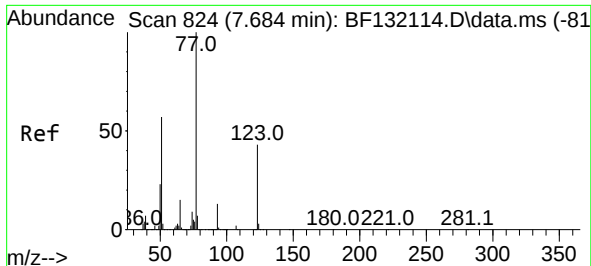
Reviewed By : Christian Giraldo 01/19/2023  
Supervised By : Jagrut Upadhyay 01/19/2023



#23  
Nitrobenzene-d5  
Concen: 83.581 ng  
RT: 7.666 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

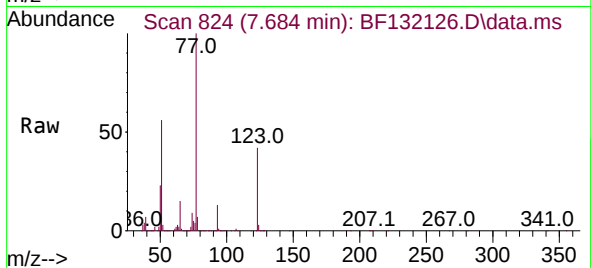
Tgt Ion: 82 Resp: 1289528  
Ion Ratio Lower Upper  
82 100  
128 40.7 32.0 48.0  
54 55.2 45.1 67.7





#24  
Nitrobenzene  
Concen: 41.420 ng  
RT: 7.684 min Scan# 824  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

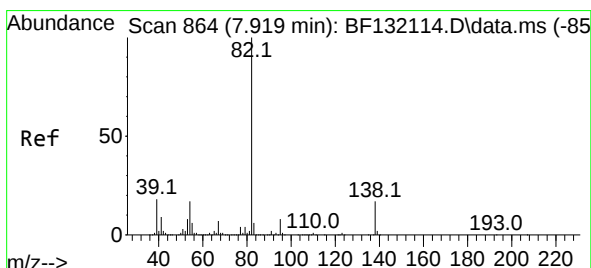
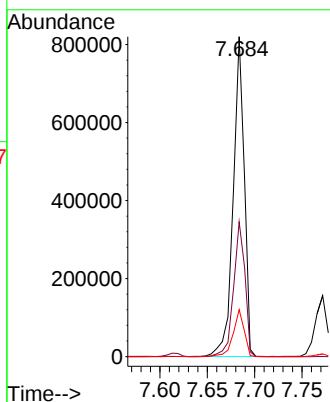
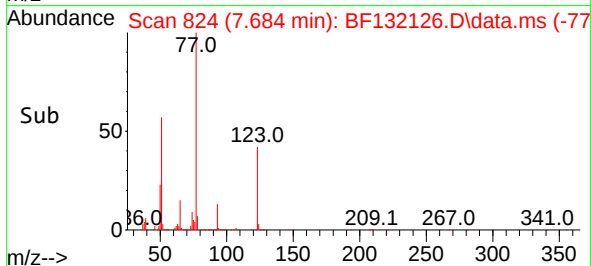
Instrument :  
BNA\_F  
Client Sample Id :  
PB150317BSD



Tgt Ion: 77 Resp: 669152  
Ion Ratio Lower Upper  
77 100  
123 42.1 34.6 52.0  
65 14.7 11.8 17.8

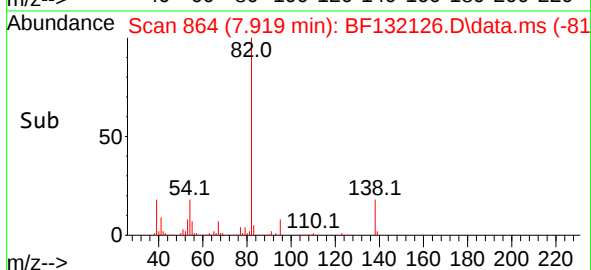
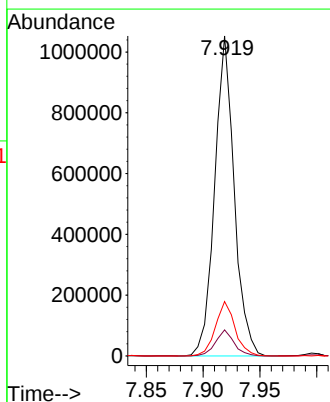
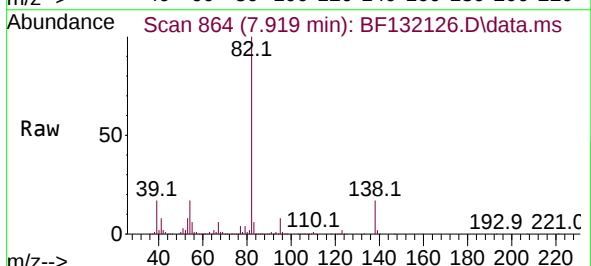
Manual Integrations  
APPROVED

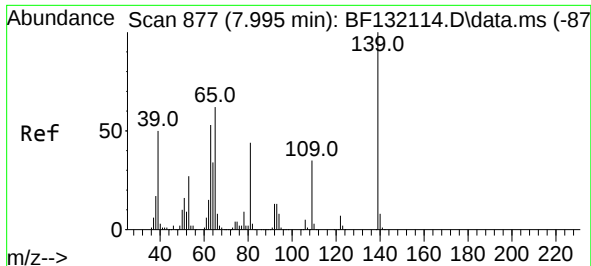
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#25  
Isophorone  
Concen: 40.771 ng  
RT: 7.919 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

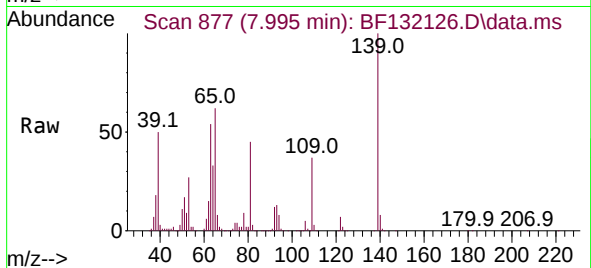
Tgt Ion: 82 Resp: 1258635  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.3 9.5  
138 17.0 13.4 20.2





#26  
2-Nitrophenol  
Concen: 46.923 ng  
RT: 7.995 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

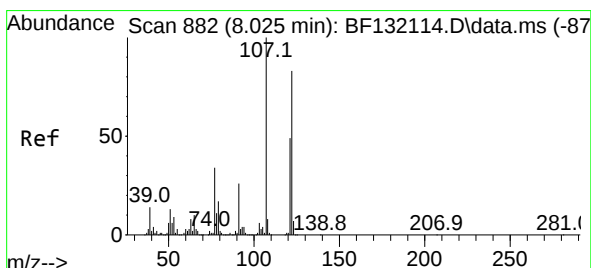
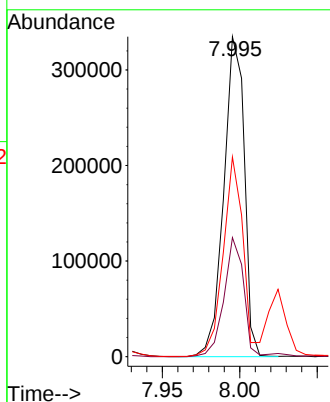
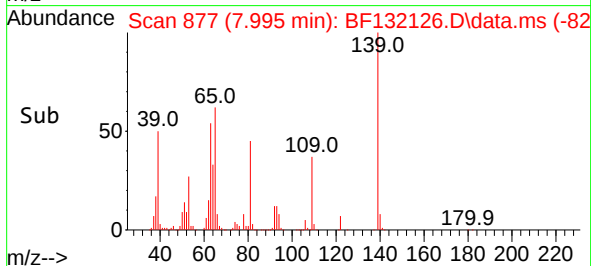
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



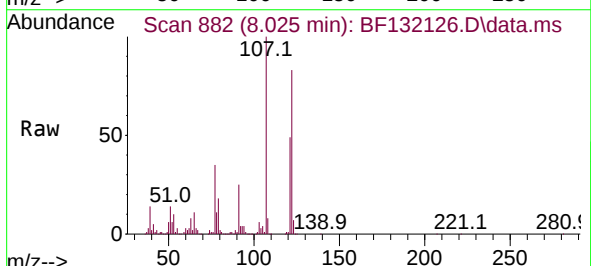
Tgt Ion:139 Resp: 308860  
Ion Ratio Lower Upper  
139 100  
109 37.2 28.3 42.5  
65 62.4 49.6 74.4

Manual Integrations  
APPROVED

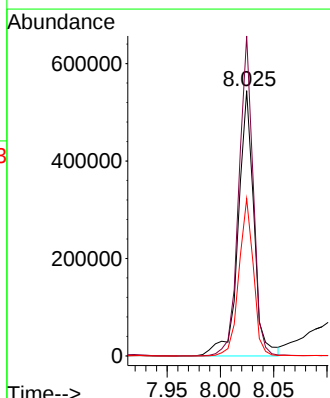
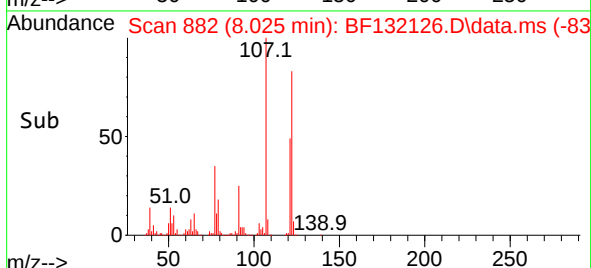
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

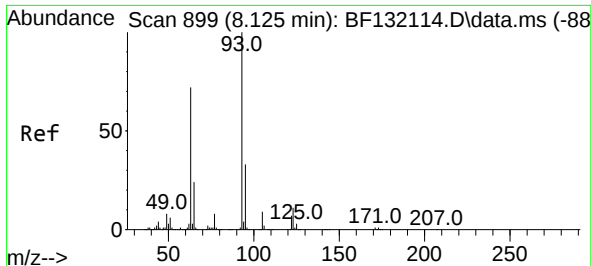


#27  
2,4-Dimethylphenol  
Concen: 42.260 ng  
RT: 8.025 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



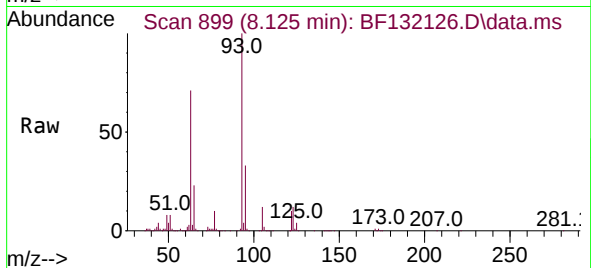
Tgt Ion:122 Resp: 554558  
Ion Ratio Lower Upper  
122 100  
107 120.6 96.1 144.1  
121 59.2 47.2 70.8





#28  
bis(2-Chloroethoxy)methane  
Concen: 40.380 ng  
RT: 8.125 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

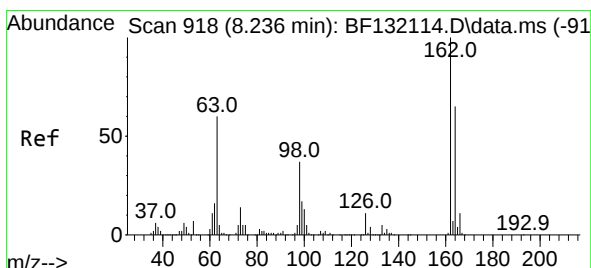
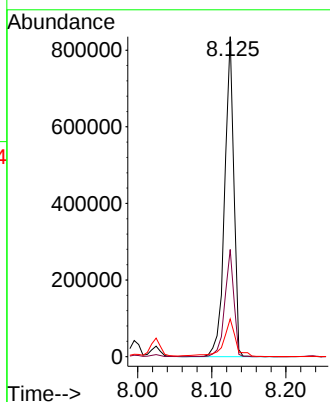
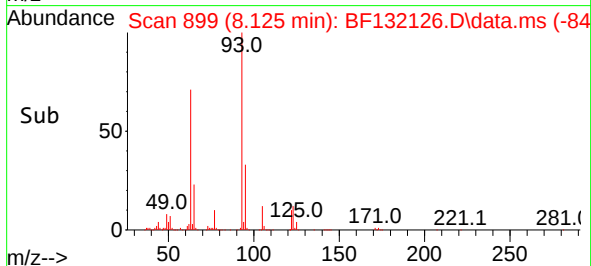
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion: 93 Resp: 714839  
Ion Ratio Lower Upper  
93 100  
95 33.5 26.7 40.1  
123 11.8 9.4 14.0

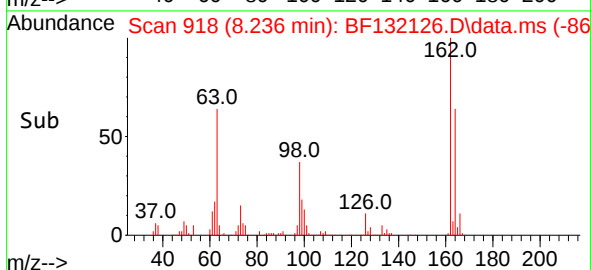
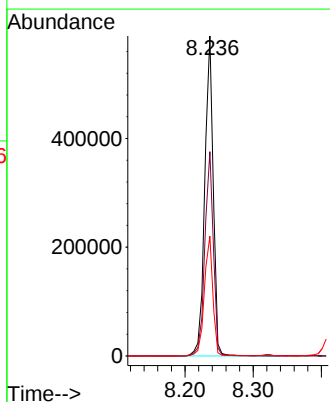
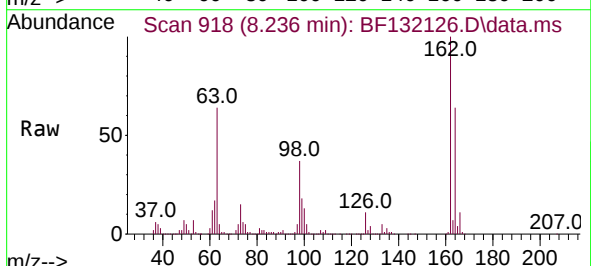
Manual Integrations  
APPROVED

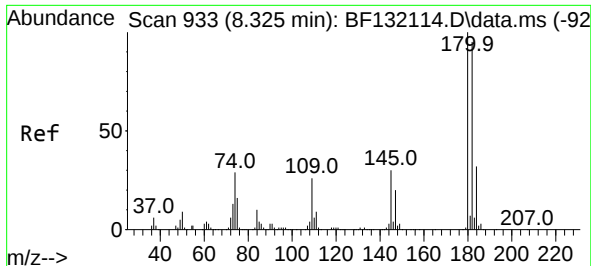
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#29  
2,4-Dichlorophenol  
Concen: 41.298 ng  
RT: 8.236 min Scan# 918  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

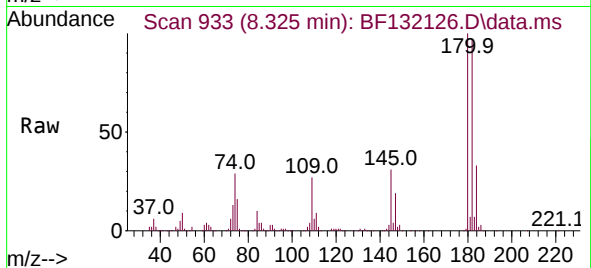
Tgt Ion:162 Resp: 507842  
Ion Ratio Lower Upper  
162 100  
164 63.8 45.1 85.1  
98 37.4 16.8 56.8





#30  
1,2,4-Trichlorobenzene  
Concen: 41.907 ng  
RT: 8.325 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

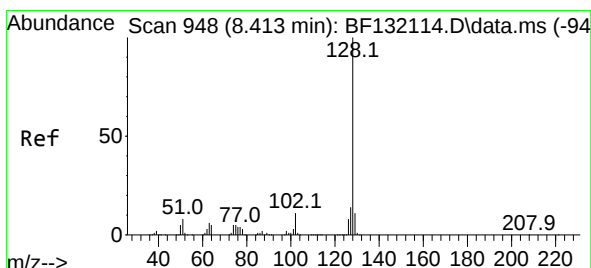
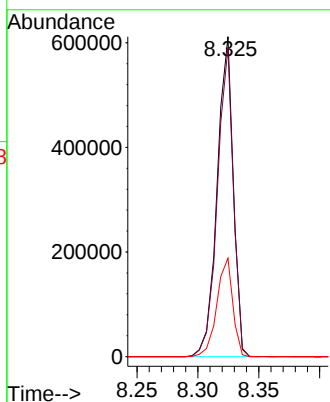
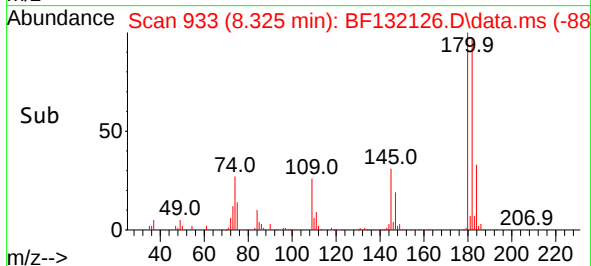
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:180 Resp: 563135  
Ion Ratio Lower Upper  
180 100  
182 96.6 75.9 113.9  
145 30.7 24.3 36.5

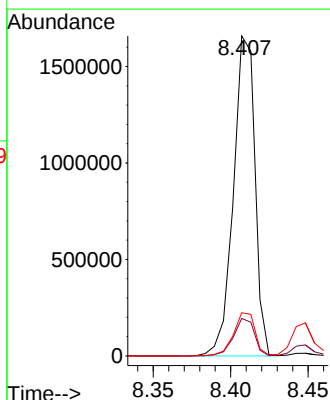
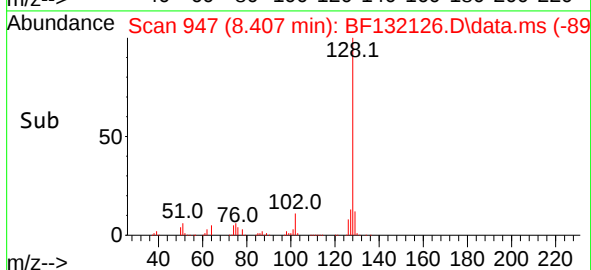
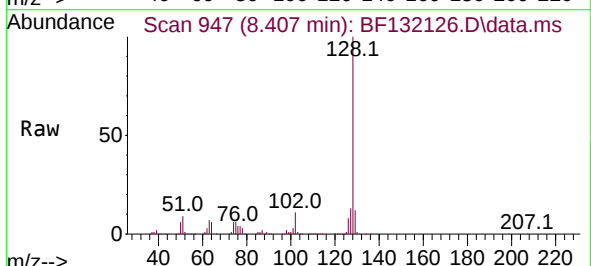
Manual Integrations  
APPROVED

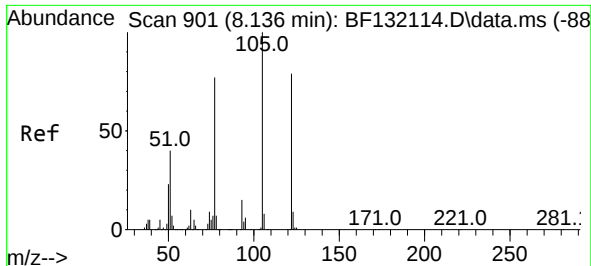
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#31  
Naphthalene  
Concen: 39.896 ng  
RT: 8.407 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

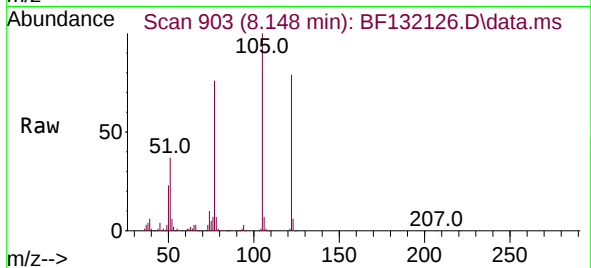
Tgt Ion:128 Resp: 1604141  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.9 13.3  
127 13.5 10.8 16.2





#32  
Benzoic acid  
Concen: 44.848 ng  
RT: 8.148 min Scan# 901  
Delta R.T. 0.012 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

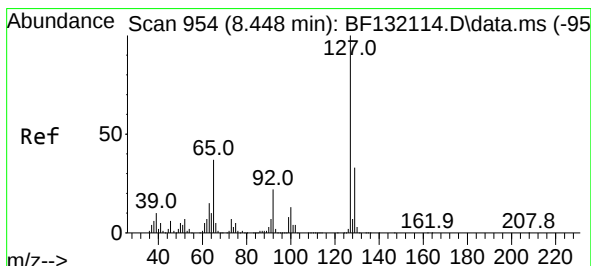
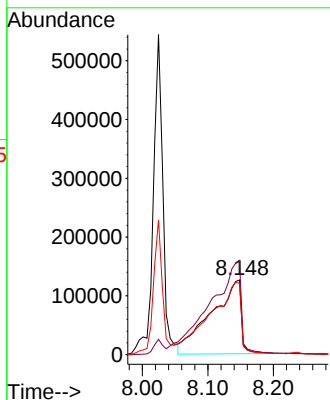
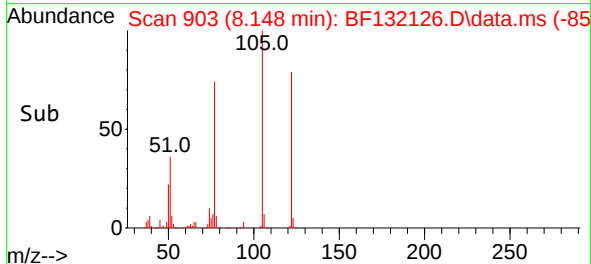
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:122 Resp: 404296  
Ion Ratio Lower Upper  
122 100  
105 126.1 106.2 146.2  
77 95.6 77.3 117.3

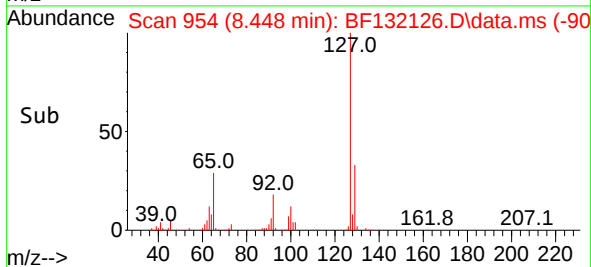
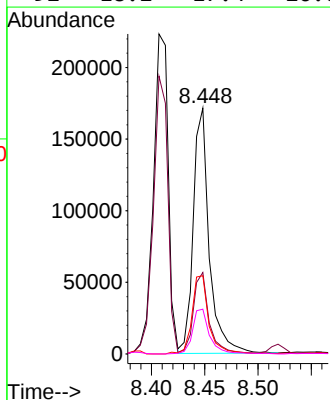
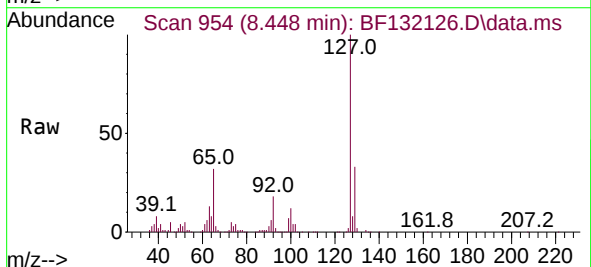
Manual Integrations  
APPROVED

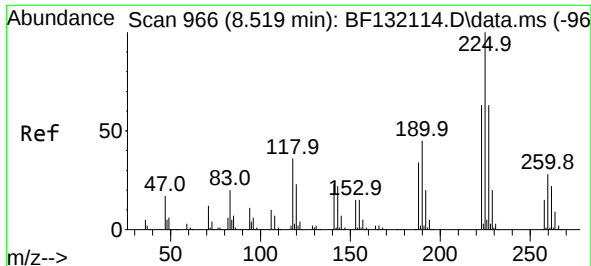
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#33  
4-Chloroaniline  
Concen: 10.076 ng  
RT: 8.448 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

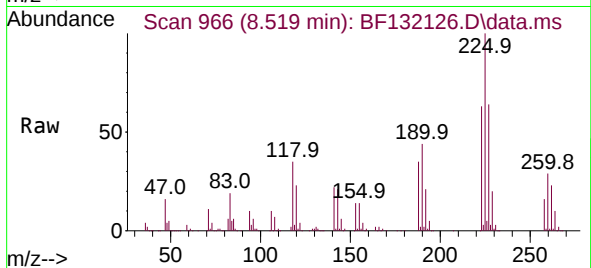
Tgt Ion:127 Resp: 177877  
Ion Ratio Lower Upper  
127 100  
129 33.1 26.1 39.1  
65 31.8 29.7 44.5  
92 18.2 17.4 26.0





#34  
Hexachlorobutadiene  
Concen: 43.469 ng  
RT: 8.519 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

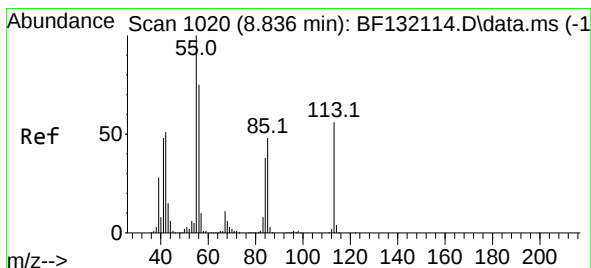
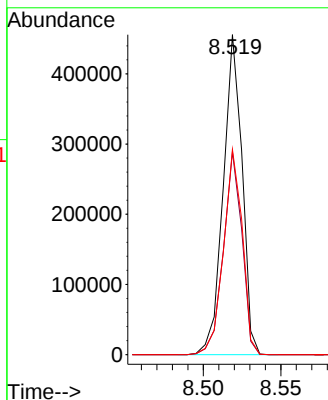
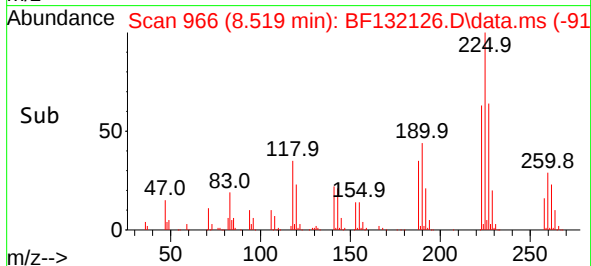
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



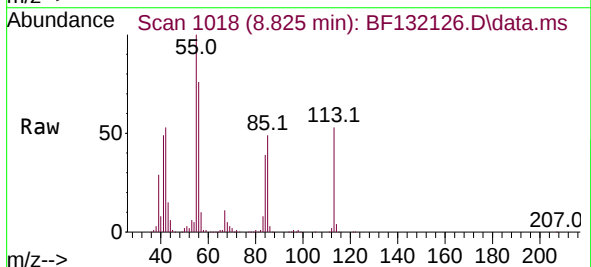
Tgt Ion:225 Resp: 385205  
Ion Ratio Lower Upper  
225 100  
223 63.4 50.6 76.0  
227 64.1 50.1 75.1

Manual Integrations  
APPROVED

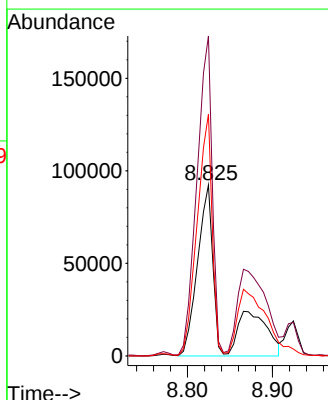
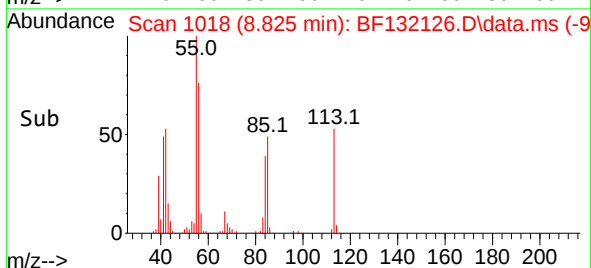
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

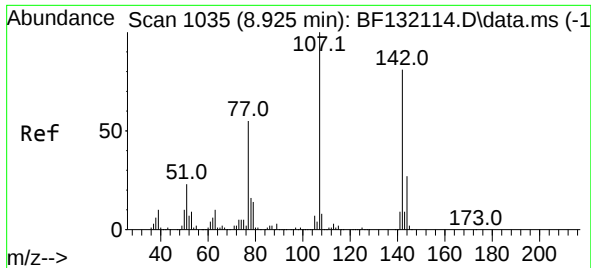


#35  
Caprolactam  
Concen: 43.073 ng m  
RT: 8.825 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



Tgt Ion:113 Resp: 172113  
Ion Ratio Lower Upper  
113 100  
55 187.4 159.1 199.1  
56 141.6 115.0 155.0





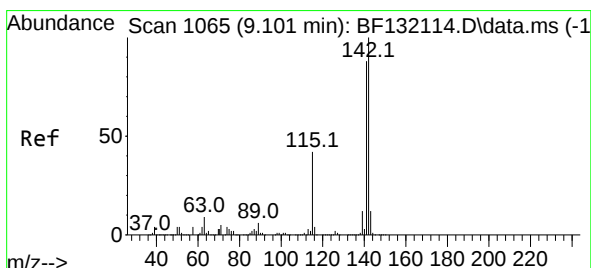
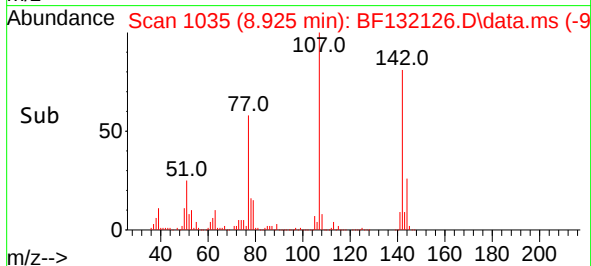
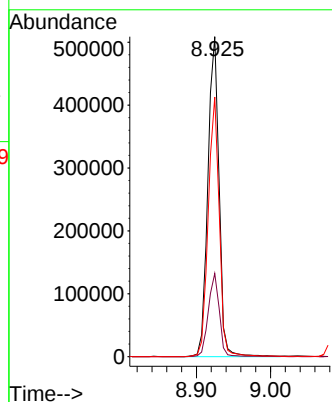
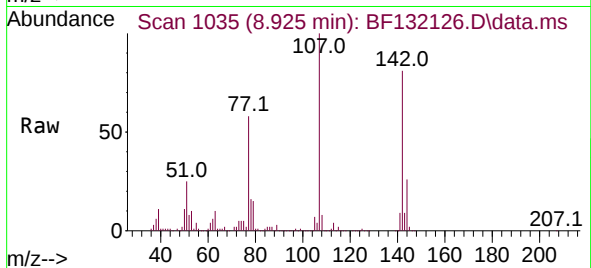
#36  
4-Chloro-3-methylphenol  
Concen: 41.690 ng  
RT: 8.925 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD

Tgt Ion:107 Resp: 534562  
Ion Ratio Lower Upper  
107 100  
144 26.0 21.4 32.0  
142 81.1 64.6 97.0

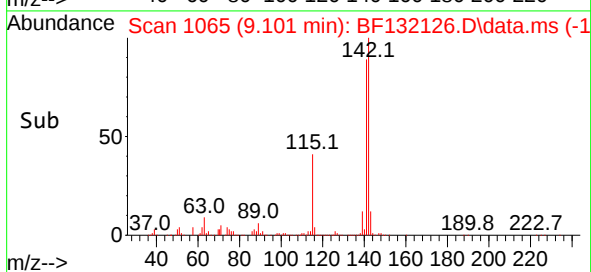
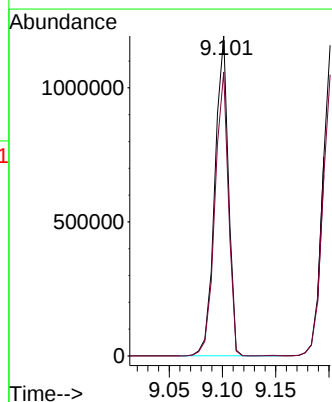
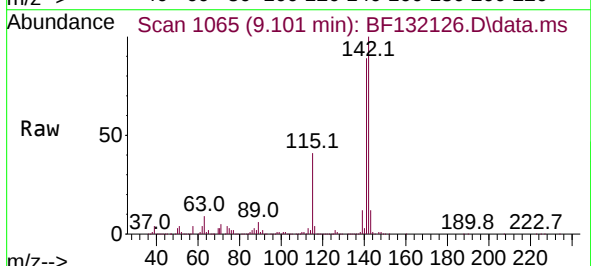
Manual Integrations  
APPROVED

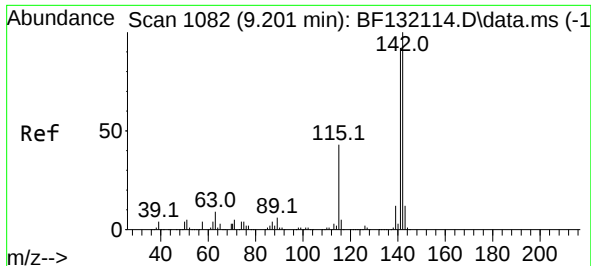
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#37  
2-Methylnaphthalene  
Concen: 37.805 ng  
RT: 9.101 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Tgt Ion:142 Resp: 1058527  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.8 106.2





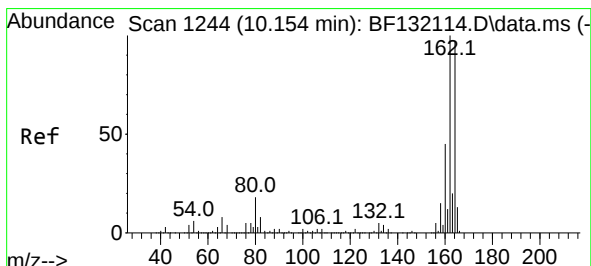
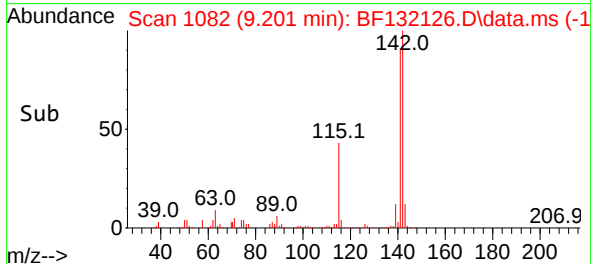
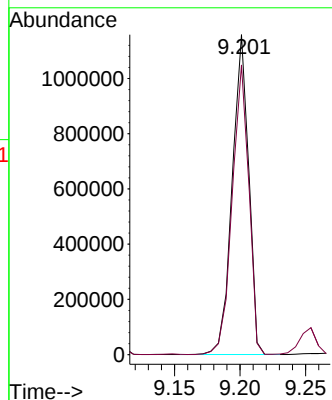
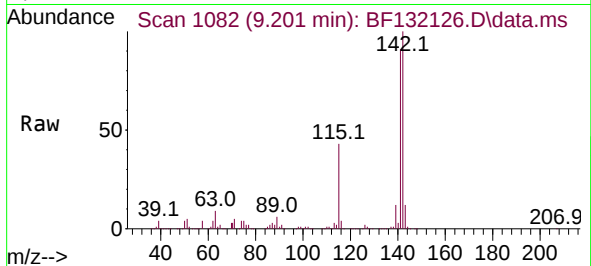
#38  
1-Methylnaphthalene  
Concen: 38.311 ng  
RT: 9.201 min Scan# 1082  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD

Tgt Ion:142 Resp: 100784  
Ion Ratio Lower Upper  
142 100  
141 90.5 73.4 110.0

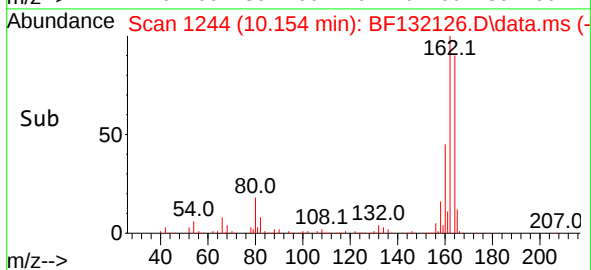
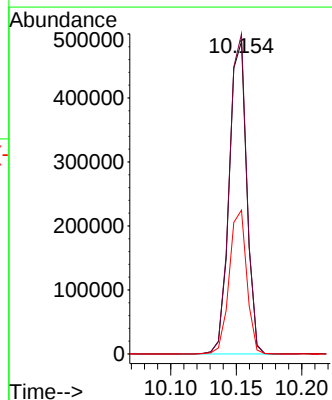
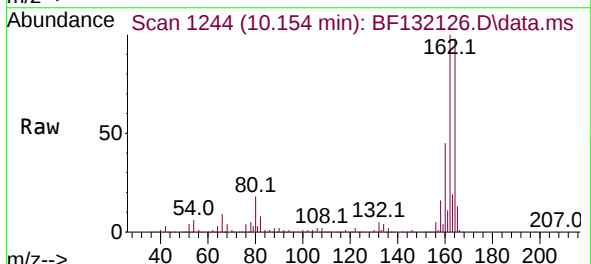
Manual Integrations  
APPROVED

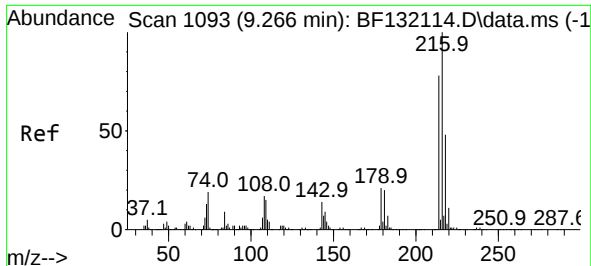
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.154 min Scan# 1244  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

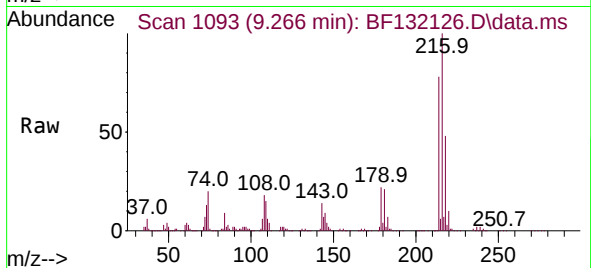
Tgt Ion:164 Resp: 454098  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.3 123.5  
160 46.0 37.3 55.9





#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.818 ng  
RT: 9.266 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

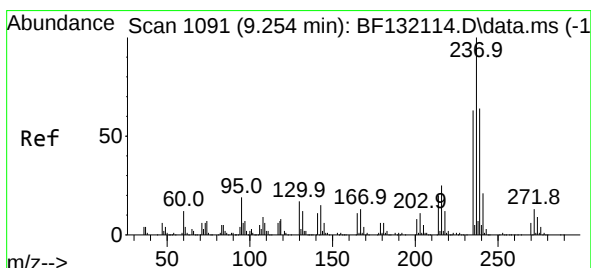
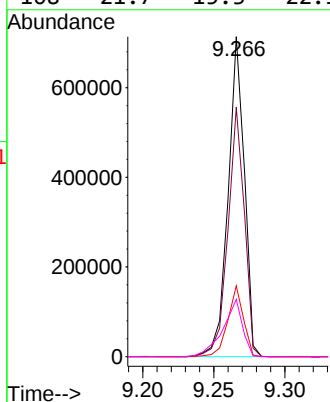
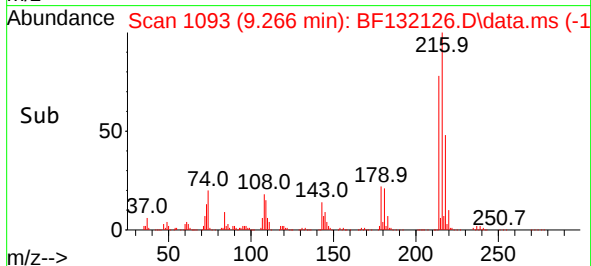
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:216 Resp: 56655  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.8 94.2  
179 21.3 16.8 25.2  
108 21.7 15.3 22.9

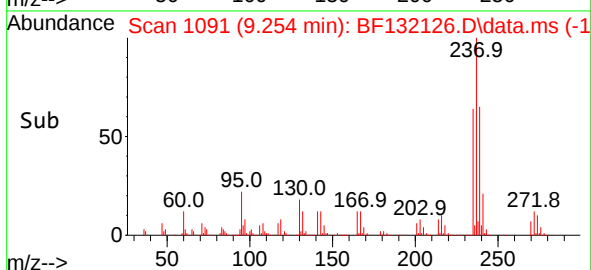
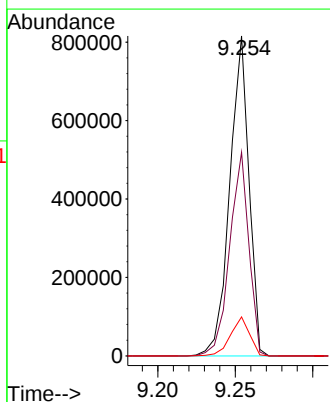
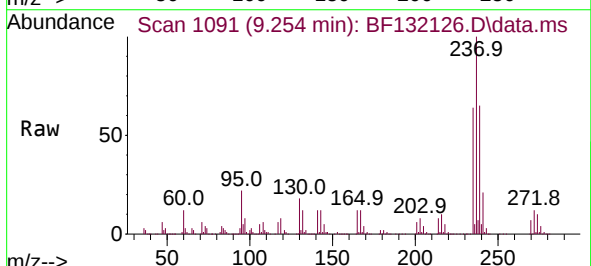
Manual Integrations  
APPROVED

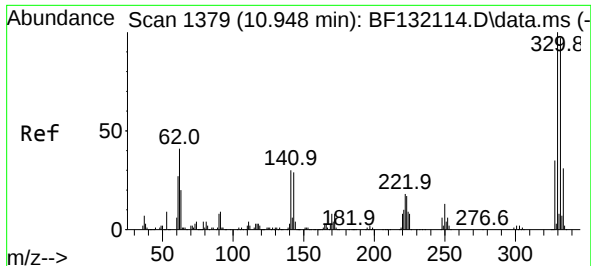
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#41  
Hexachlorocyclopentadiene  
Concen: 90.546 ng  
RT: 9.254 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

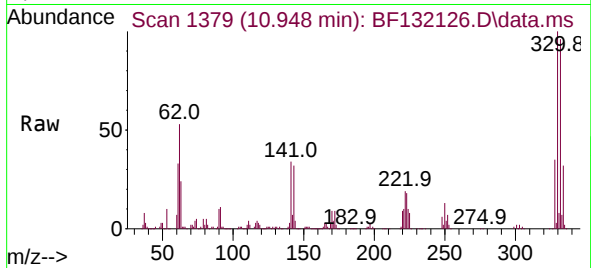
Tgt Ion:237 Resp: 702280  
Ion Ratio Lower Upper  
237 100  
235 63.6 43.2 83.2  
272 12.2 0.0 32.6





#42  
2,4,6-Tribromophenol  
Concen: 121.988 ng  
RT: 10.948 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

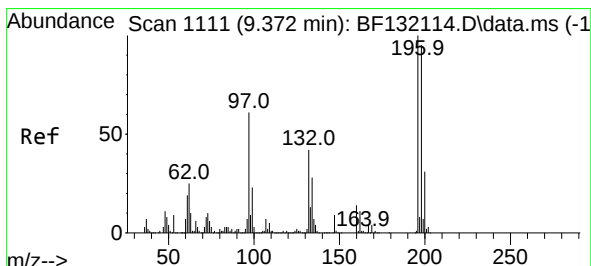
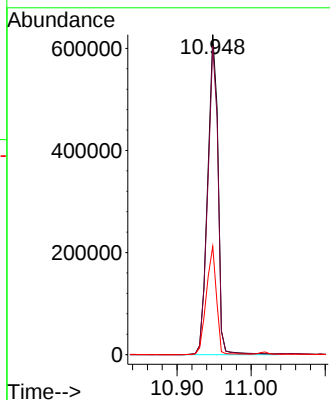
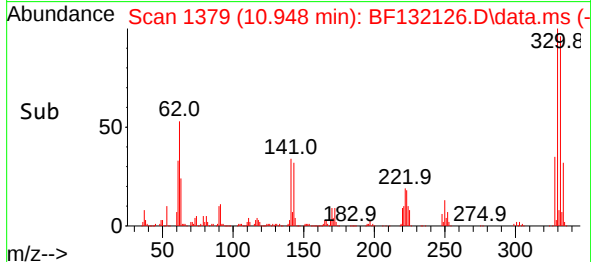
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:330 Resp: 606082  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.1 115.7  
141 33.1 28.2 42.4

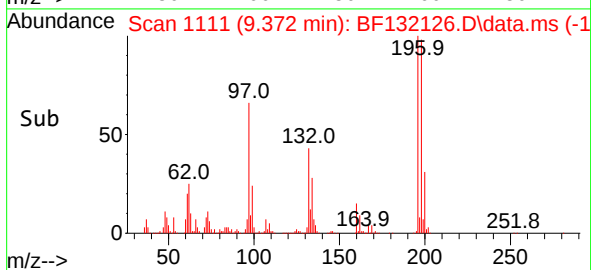
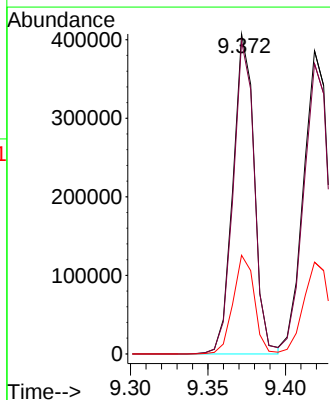
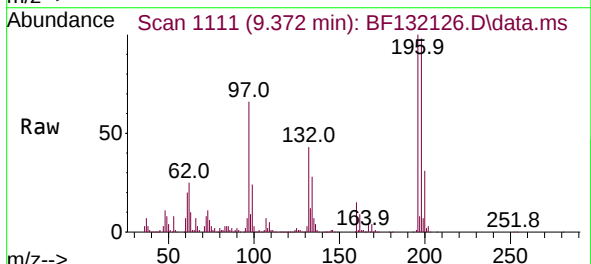
Manual Integrations  
APPROVED

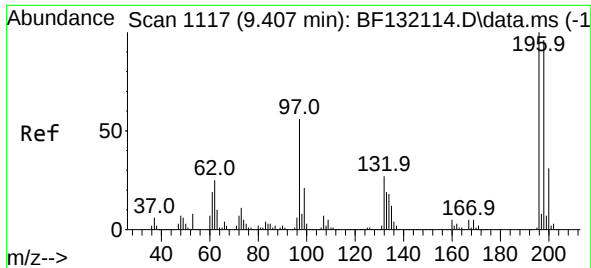
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#43  
2,4,6-Trichlorophenol  
Concen: 41.500 ng  
RT: 9.372 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Tgt Ion:196 Resp: 389269  
Ion Ratio Lower Upper  
196 100  
198 97.7 76.3 114.5  
200 30.8 24.6 36.8





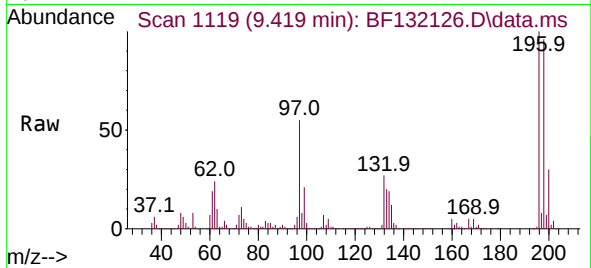
#44  
2,4,5-Trichlorophenol  
Concen: 38.466 ng  
RT: 9.419 min Scan# 1119  
Delta R.T. 0.012 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Instrument :

BNA\_F

ClientSampleId :

PB150317BSD

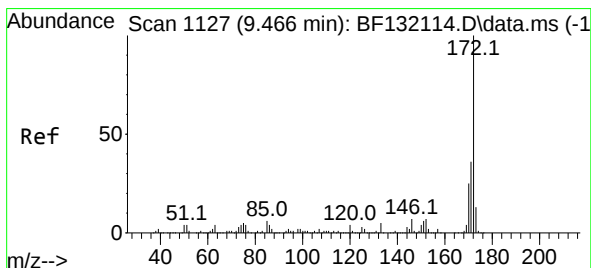
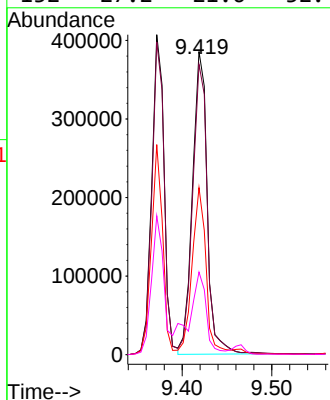
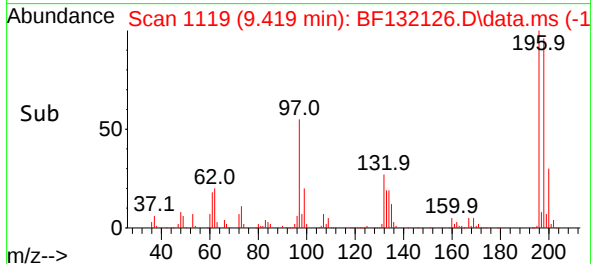


Tgt Ion:196 Resp: 440918  
Ion Ratio Lower Upper  
196 100  
198 95.8 76.5 114.7  
97 55.1 44.8 67.2  
132 27.2 21.6 32.4

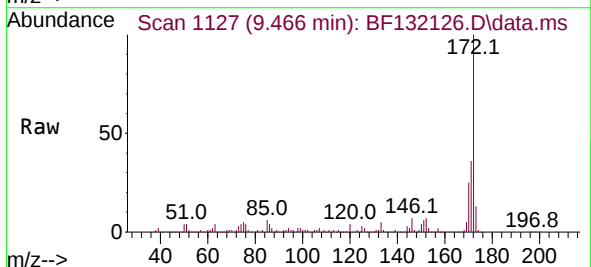
Manual Integrations

APPROVED

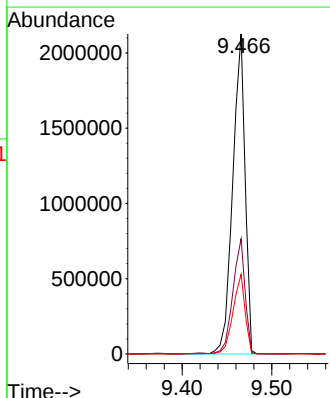
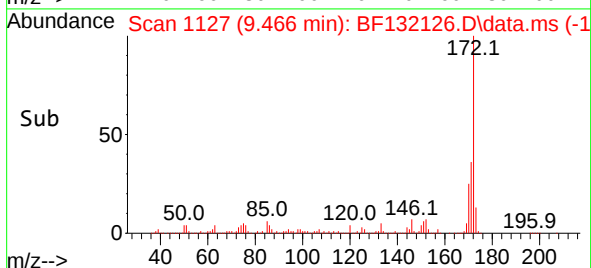
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

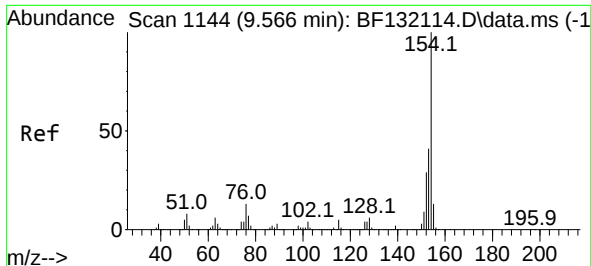


#45  
2-Fluorobiphenyl  
Concen: 78.751 ng  
RT: 9.466 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



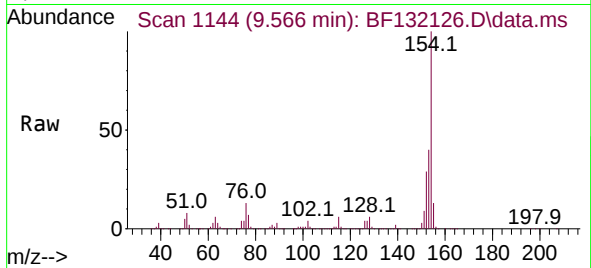
Tgt Ion:172 Resp: 2055320  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.0 43.4  
170 24.9 19.7 29.5





#46  
1,1'-Biphenyl  
Concen: 38.838 ng  
RT: 9.566 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

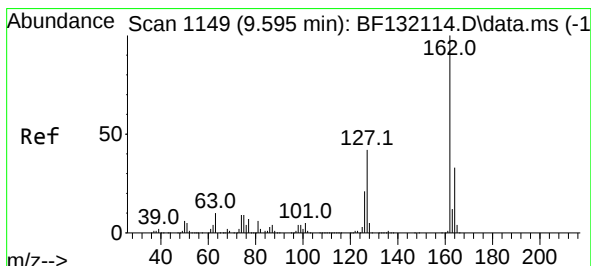
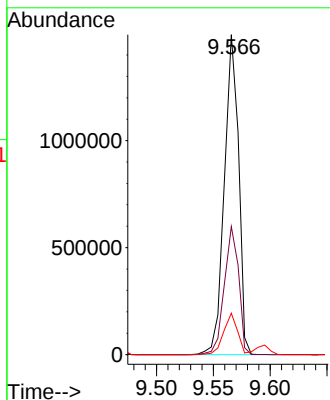
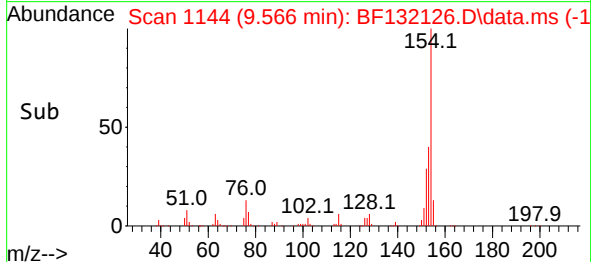
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:154 Resp: 1302110  
Ion Ratio Lower Upper  
154 100  
153 40.0 21.0 61.0  
76 12.9 0.0 32.9

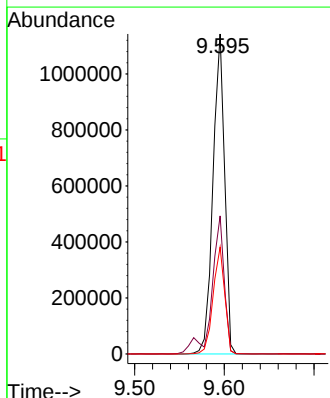
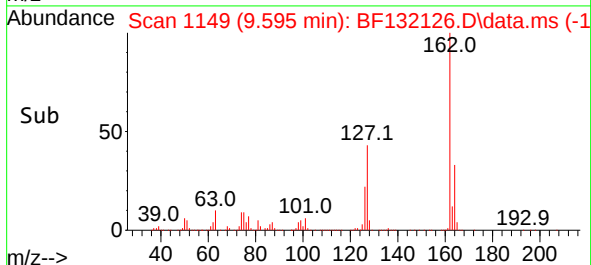
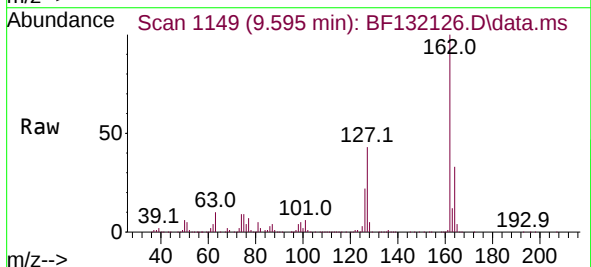
Manual Integrations  
APPROVED

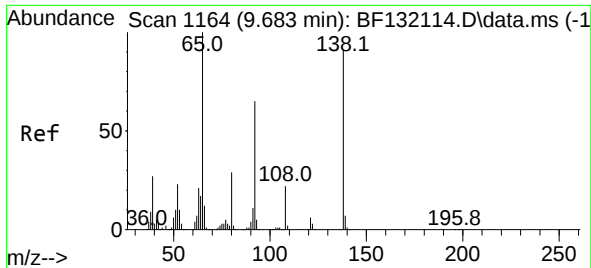
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#47  
2-Chloronaphthalene  
Concen: 39.334 ng  
RT: 9.595 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Tgt Ion:162 Resp: 1028973  
Ion Ratio Lower Upper  
162 100  
127 43.1 33.8 50.8  
164 33.4 26.5 39.7





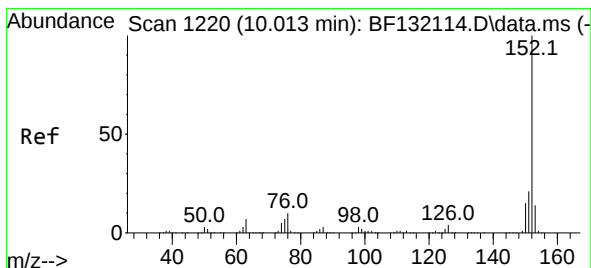
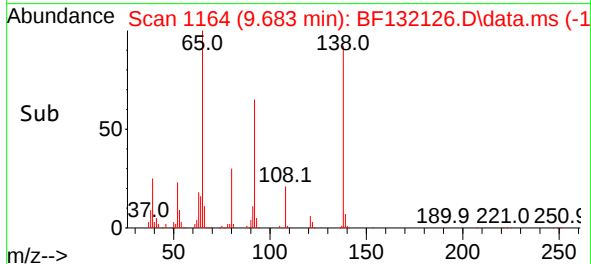
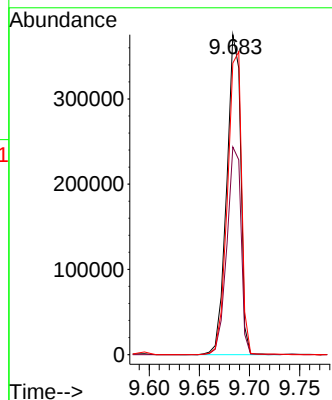
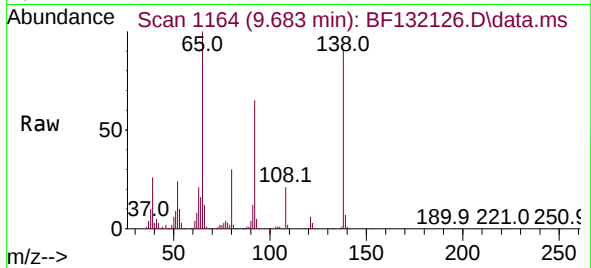
#48  
2-Nitroaniline  
Concen: 40.967 ng  
RT: 9.683 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD

Tgt Ion: 65 Resp: 36535  
Ion Ratio Lower Upper  
65 100  
92 64.9 51.9 77.9  
138 91.1 72.6 109.0

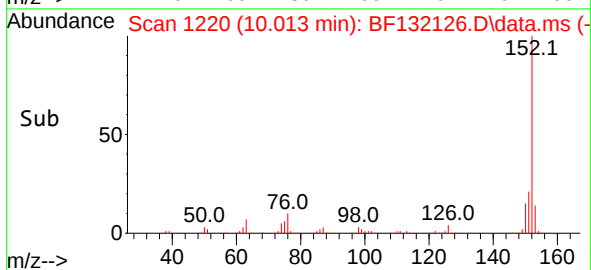
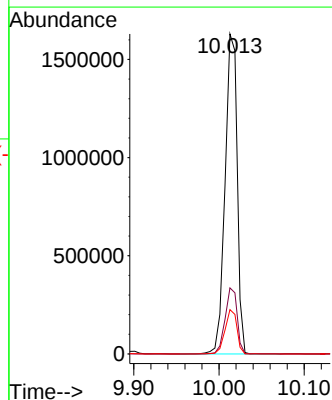
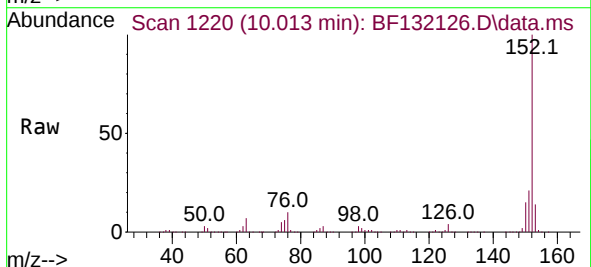
Manual Integrations  
APPROVED

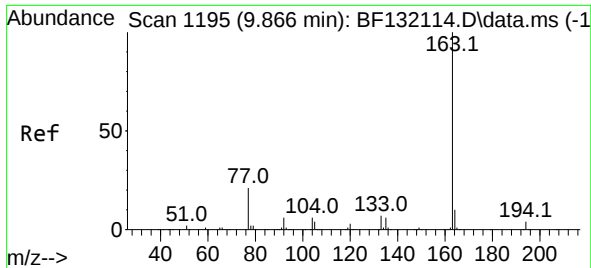
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#49  
Acenaphthylene  
Concen: 38.033 ng  
RT: 10.013 min Scan# 1220  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

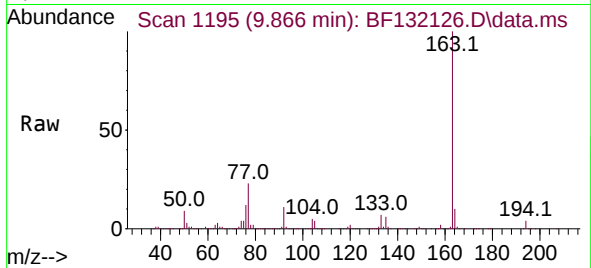
Tgt Ion:152 Resp: 1612259  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.7 25.1  
153 13.8 11.0 16.4





#50  
Dimethylphthalate  
Concen: 38.262 ng  
RT: 9.866 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

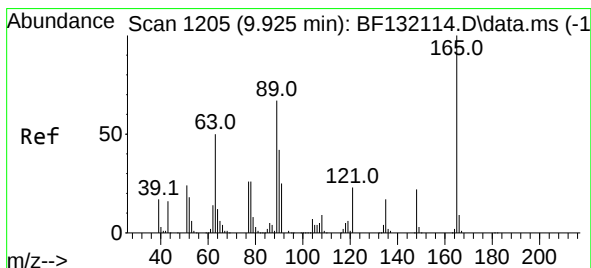
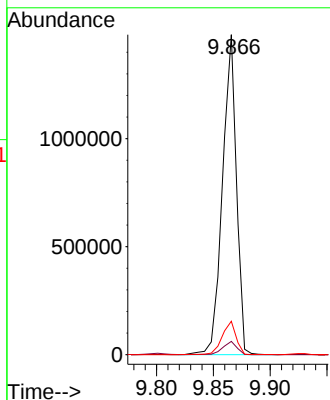
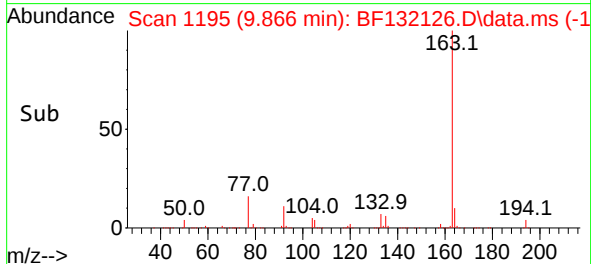
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:163 Resp: 1263050  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.4 8.3 12.5

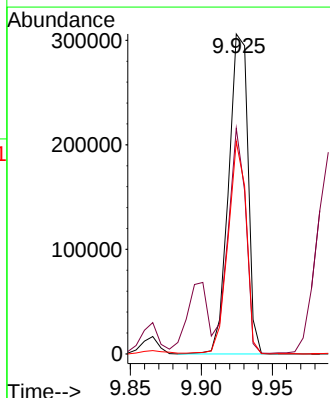
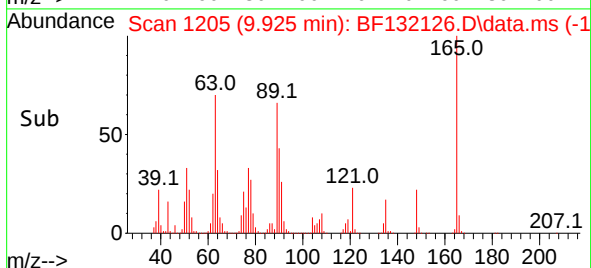
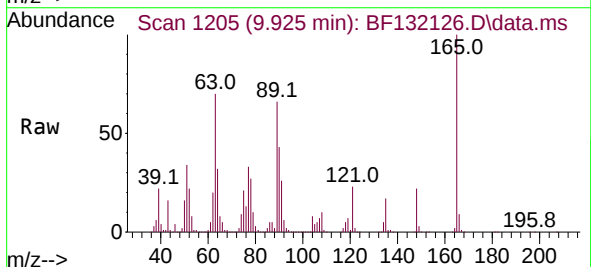
Manual Integrations  
APPROVED

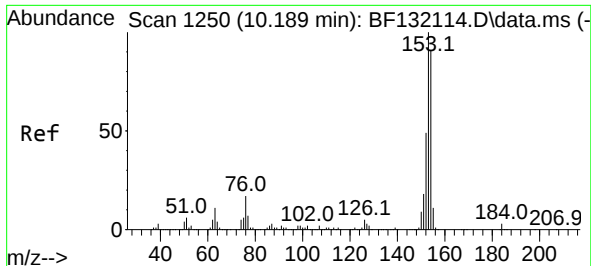
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#51  
2,6-Dinitrotoluene  
Concen: 41.396 ng  
RT: 9.925 min Scan# 1205  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

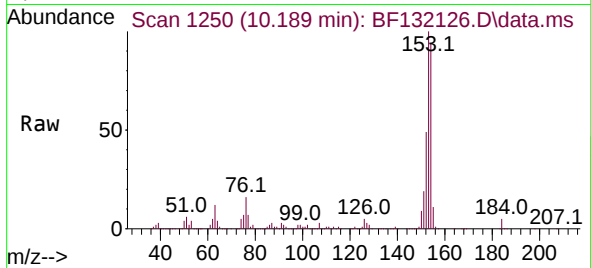
Tgt Ion:165 Resp: 290697  
Ion Ratio Lower Upper  
165 100  
63 70.5 57.0 85.4  
89 66.3 54.0 81.0





#52  
Acenaphthene  
Concen: 43.402 ng  
RT: 10.189 min Scan# 1114172  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

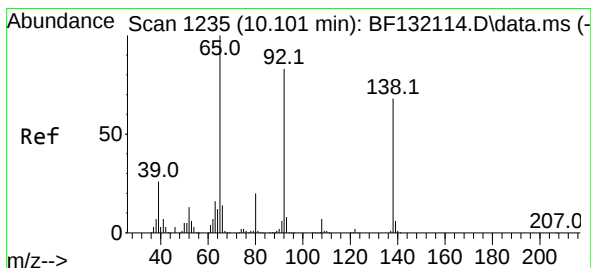
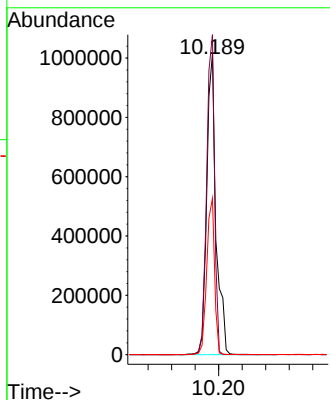
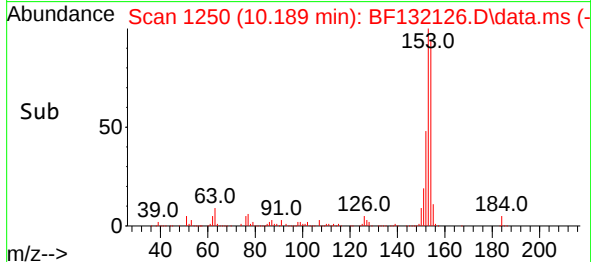
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:154 Resp: 1114172  
Ion Ratio Lower Upper  
154 100  
153 106.5 87.6 131.4  
152 52.0 42.6 64.0

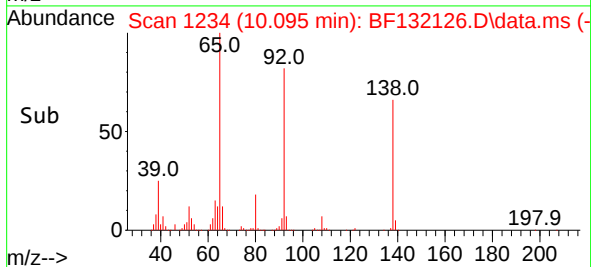
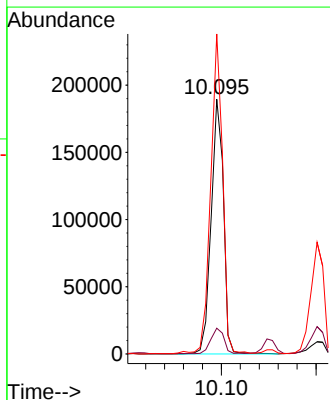
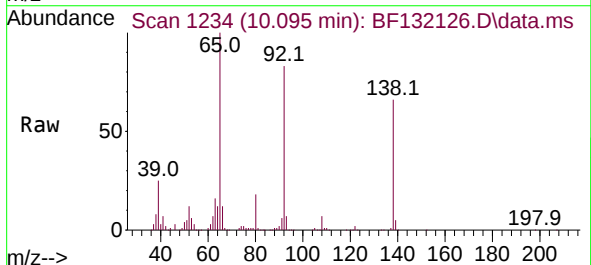
Manual Integrations  
APPROVED

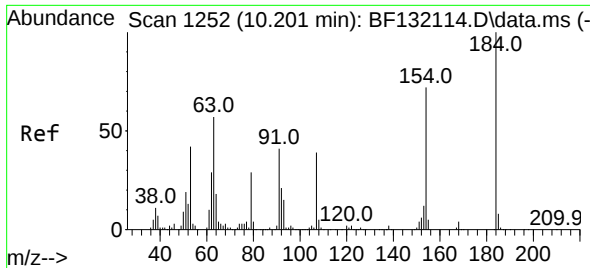
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#53  
3-Nitroaniline  
Concen: 22.971 ng  
RT: 10.095 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

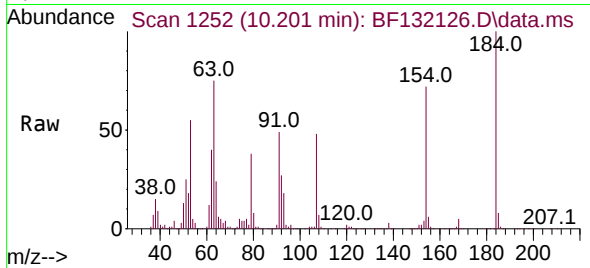
Tgt Ion:138 Resp: 170770  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.5 12.7  
92 125.7 97.4 146.2





#54  
2,4-Dinitrophenol  
Concen: 104.231 ng  
RT: 10.201 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

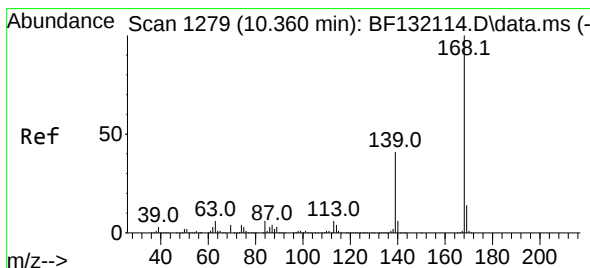
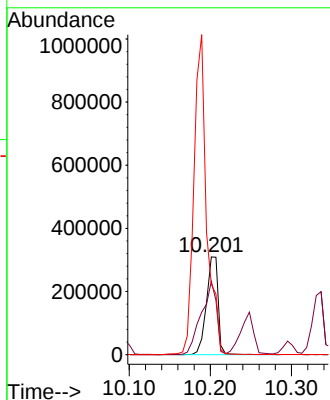
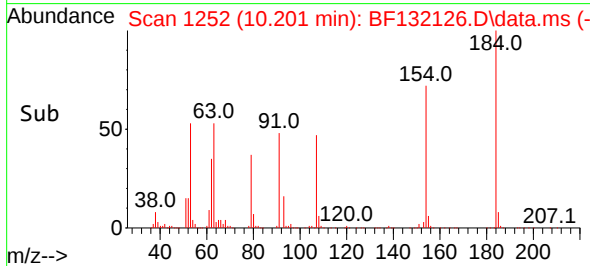
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



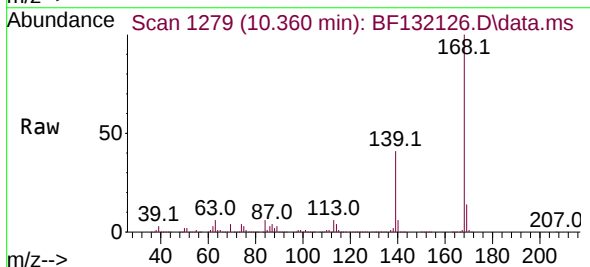
Tgt Ion:184 Resp: 310983  
Ion Ratio Lower Upper  
184 100  
63 75.1 45.8 68.8  
154 71.7 59.2 88.8

Manual Integrations  
APPROVED

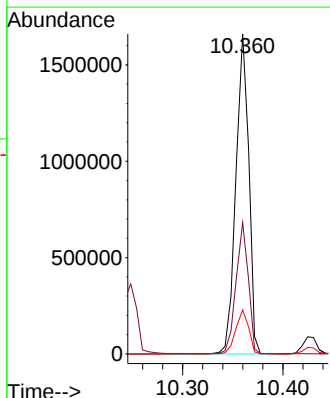
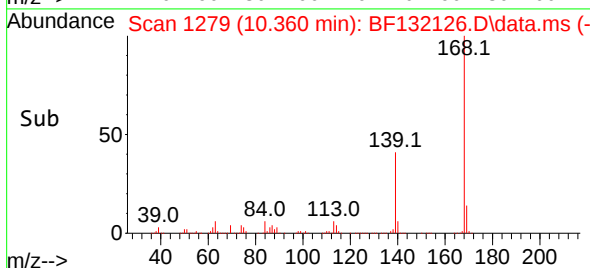
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

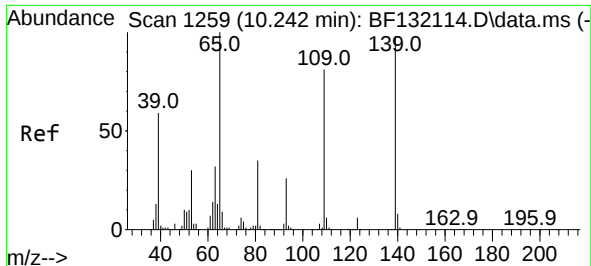


#55  
Dibenzofuran  
Concen: 37.518 ng  
RT: 10.360 min Scan# 1279  
Delta R.T. -0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



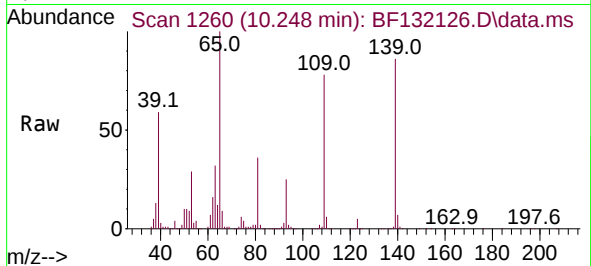
Tgt Ion:168 Resp: 1481940  
Ion Ratio Lower Upper  
168 100  
139 41.0 32.6 49.0  
169 13.7 11.0 16.4





#56  
4-Nitrophenol  
Concen: 80.283 ng  
RT: 10.248 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

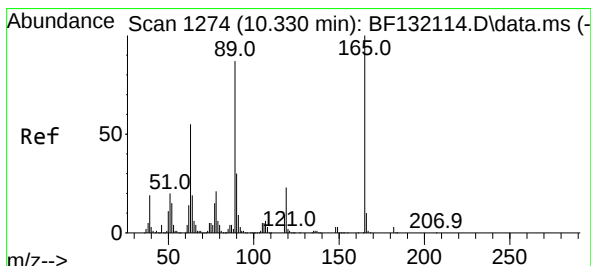
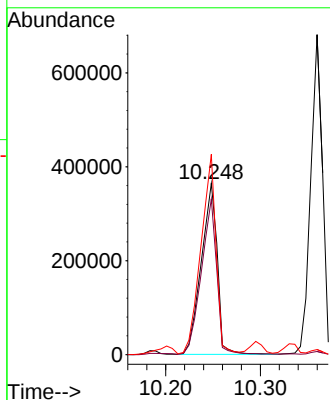
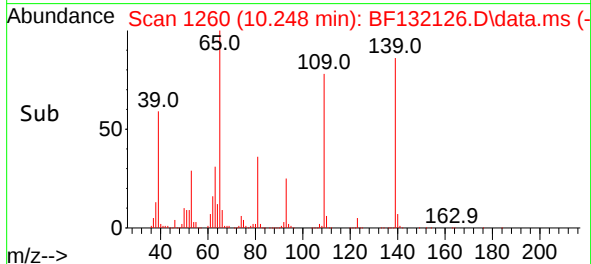
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:139 Resp: 426404  
Ion Ratio Lower Upper  
139 100  
109 90.8 62.1 102.1  
65 116.9 82.2 122.2

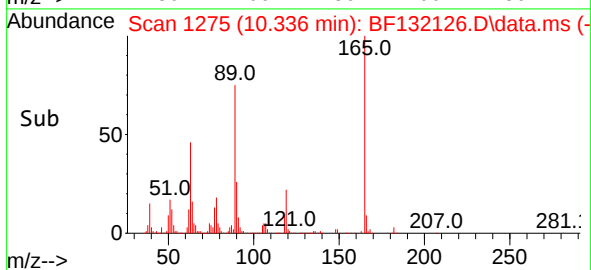
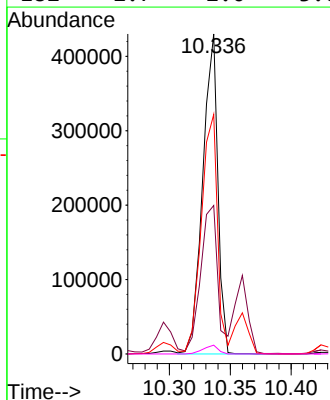
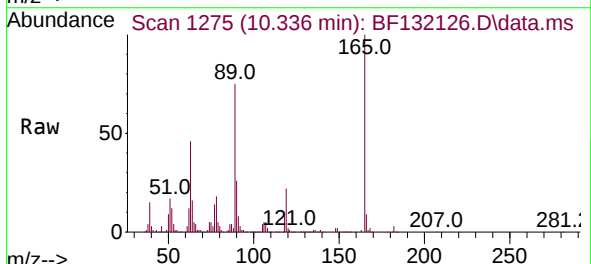
Manual Integrations  
APPROVED

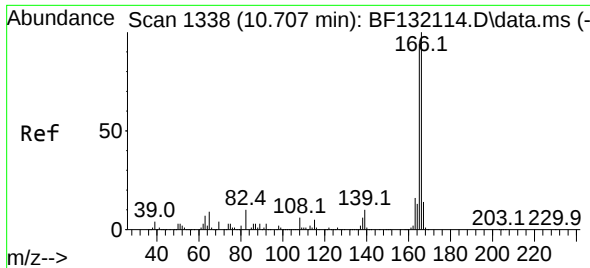
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#57  
2,4-Dinitrotoluene  
Concen: 42.837 ng  
RT: 10.336 min Scan# 1275  
Delta R.T. 0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

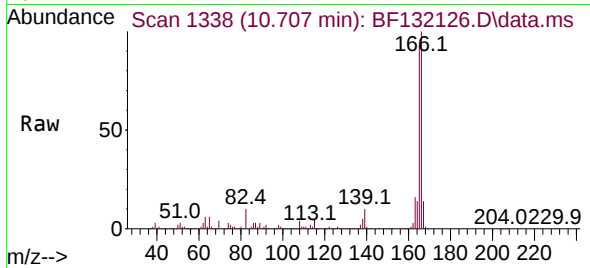
Tgt Ion:165 Resp: 371555  
Ion Ratio Lower Upper  
165 100  
63 46.4 44.1 66.1  
89 74.8 69.3 103.9  
182 2.7 2.0 3.0





#58  
Fluorene  
Concen: 37.683 ng  
RT: 10.707 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

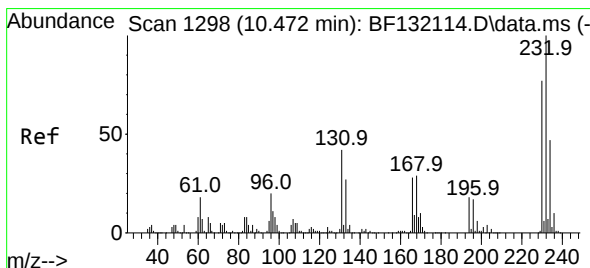
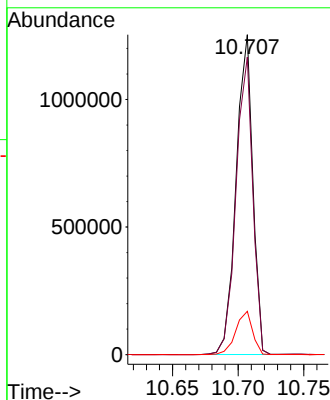
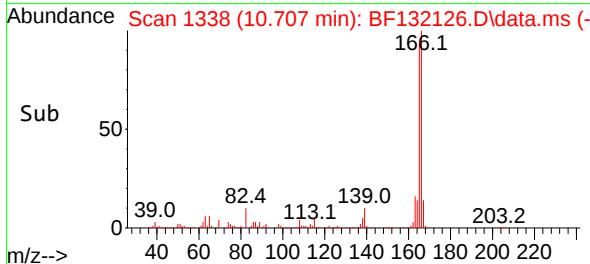
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



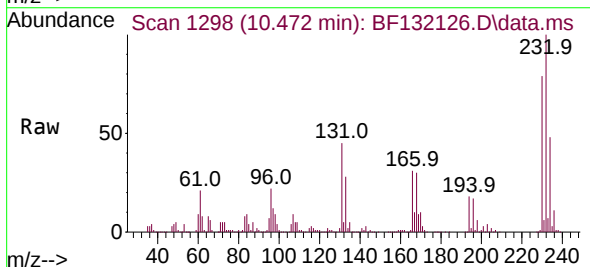
Tgt Ion:166 Resp: 1103838  
Ion Ratio Lower Upper  
166 100  
165 93.0 75.2 112.8  
167 13.5 10.9 16.3

Manual Integrations  
APPROVED

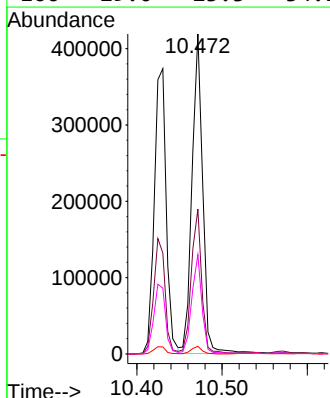
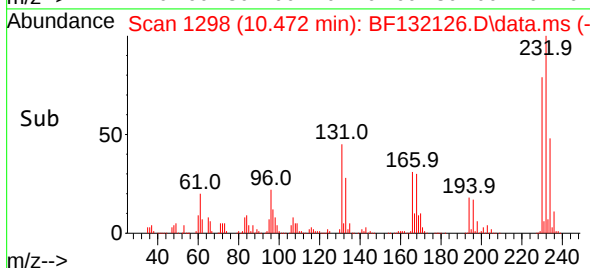
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

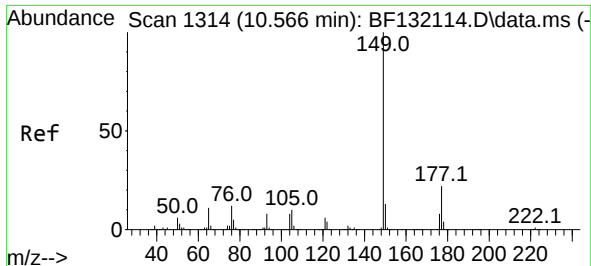


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.663 ng  
RT: 10.472 min Scan# 1298  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



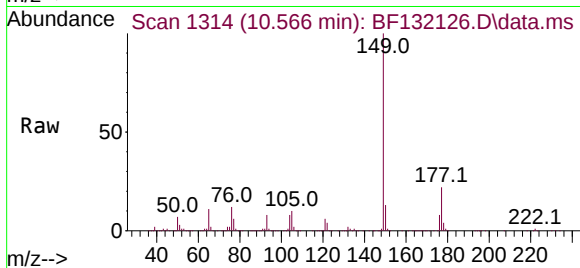
Tgt Ion:232 Resp: 366864  
Ion Ratio Lower Upper  
232 100  
131 43.1 34.3 51.5  
130 2.3 1.9 2.9  
166 29.0 23.3 34.9





#60  
Diethylphthalate  
Concen: 38.840 ng  
RT: 10.566 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

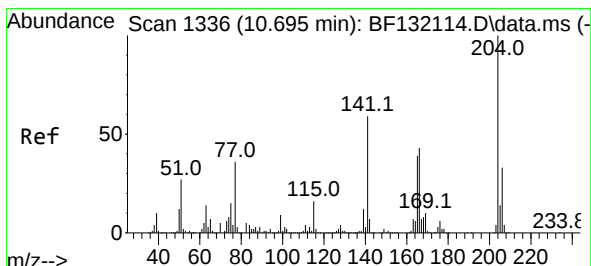
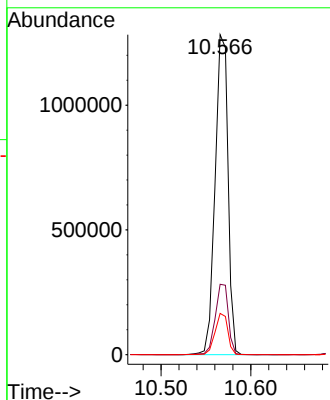
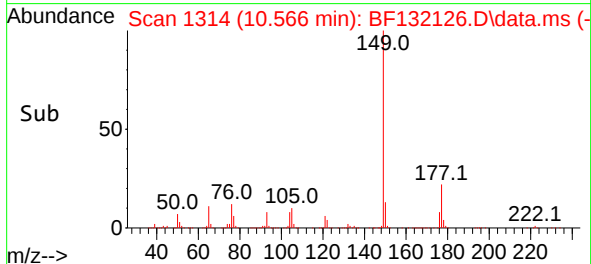
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



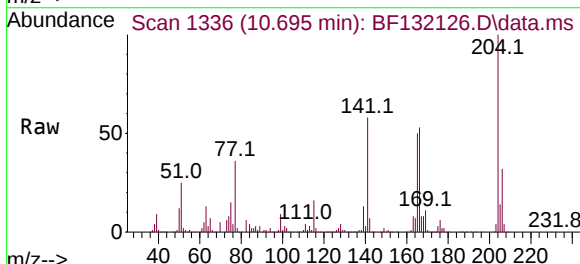
Tgt Ion:149 Resp: 1283825  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.7 26.5  
150 12.9 10.4 15.6

Manual Integrations  
APPROVED

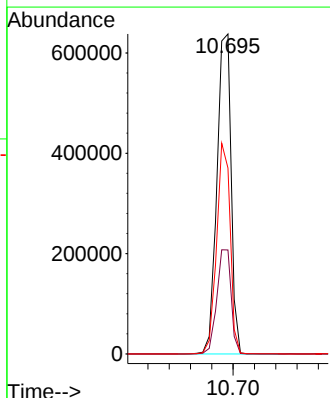
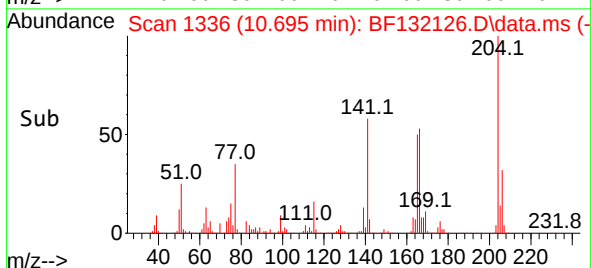
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

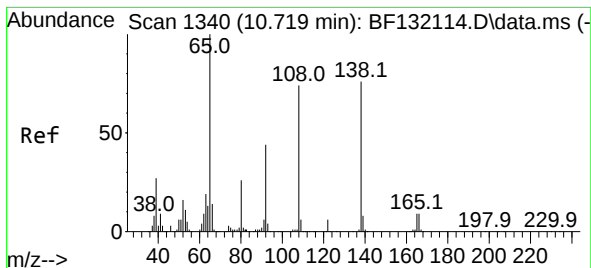


#61  
4-Chlorophenyl-phenylether  
Concen: 37.549 ng  
RT: 10.695 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



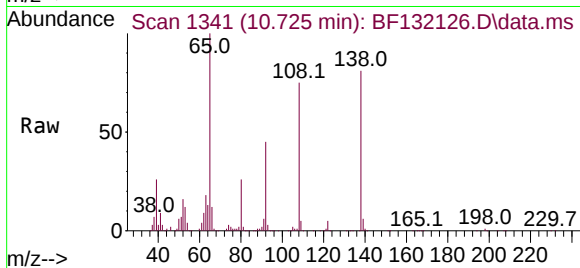
Tgt Ion:204 Resp: 591203  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.4 39.6  
141 58.1 47.1 70.7





#62  
4-Nitroaniline  
Concen: 39.091 ng  
RT: 10.725 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

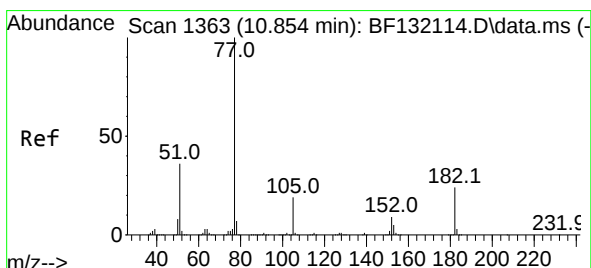
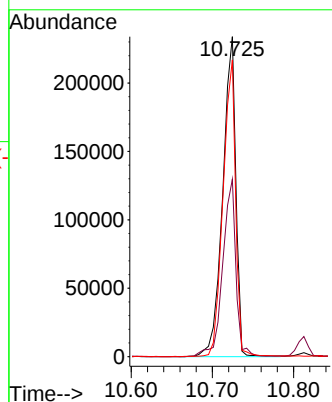
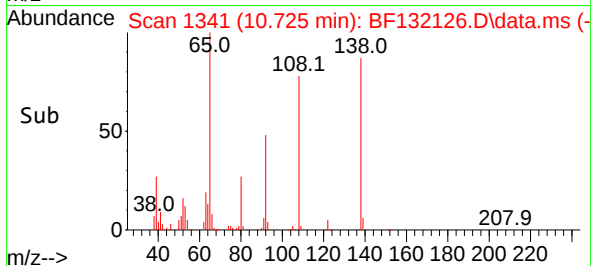
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



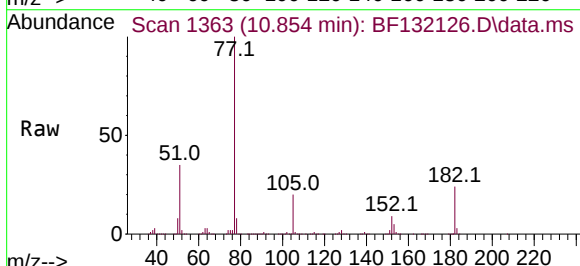
Tgt Ion:138 Resp: 262062  
Ion Ratio Lower Upper  
138 100  
92 55.4 38.7 78.7  
108 92.7 77.1 117.1

Manual Integrations  
APPROVED

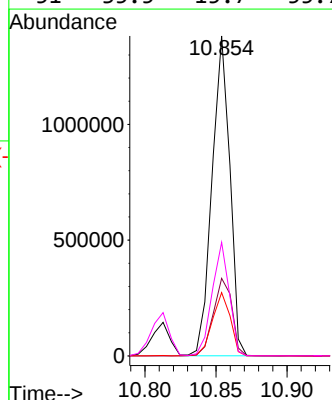
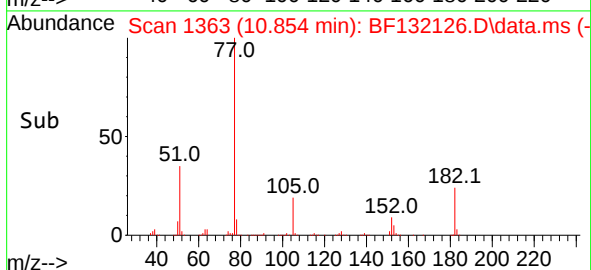
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

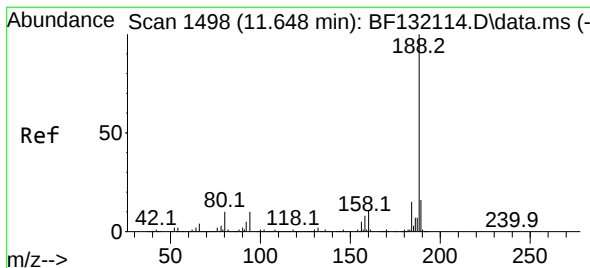


#63  
Azobenzene  
Concen: 37.381 ng  
RT: 10.854 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



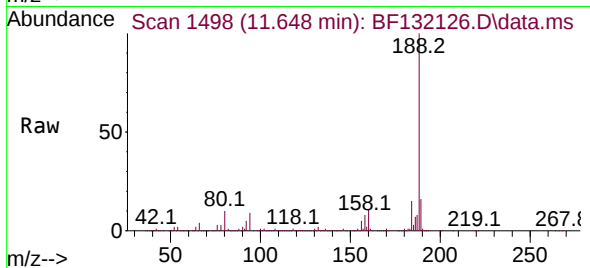
Tgt Ion: 77 Resp: 1203534  
Ion Ratio Lower Upper  
77 100  
182 24.2 4.1 44.1  
105 19.8 0.0 39.1  
51 35.5 15.7 55.7





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.648 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

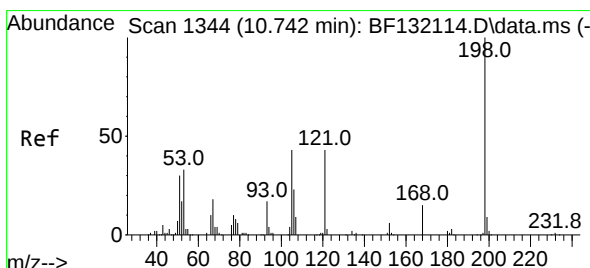
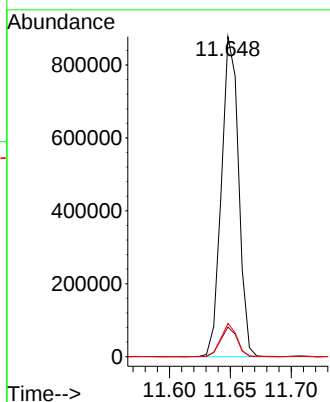
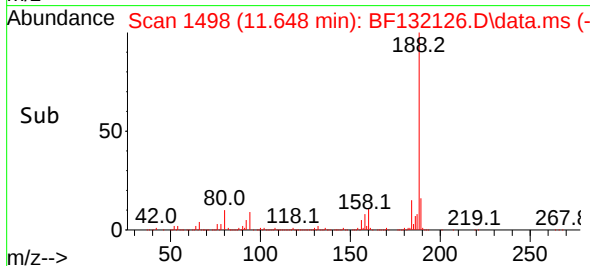
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



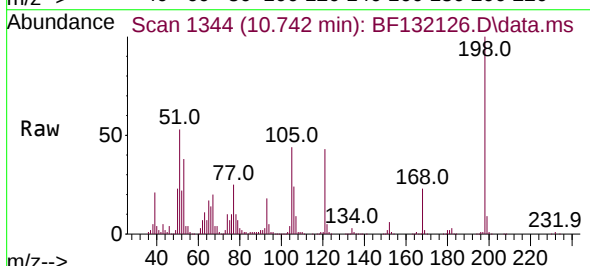
Tgt Ion:188 Resp: 860295  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.8 11.6  
80 10.4 8.2 12.4

Manual Integrations  
APPROVED

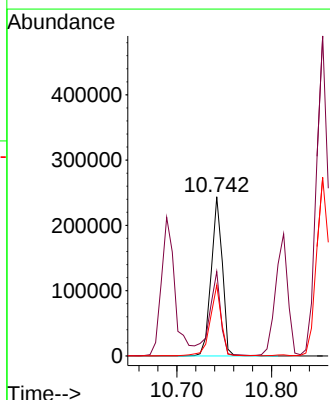
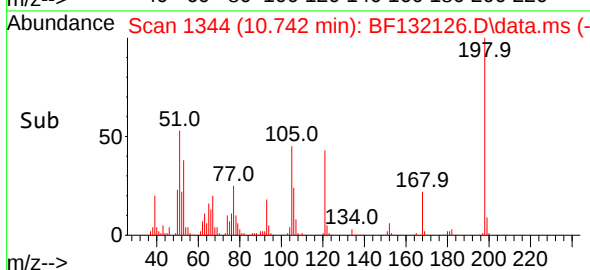
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

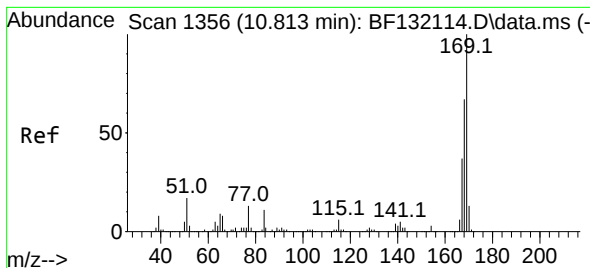


#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.686 ng  
RT: 10.742 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



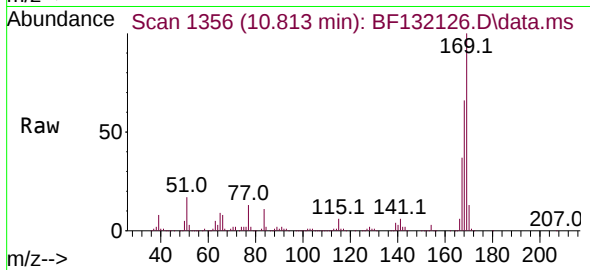
Tgt Ion:198 Resp: 198781  
Ion Ratio Lower Upper  
198 100  
51 52.9 28.4 68.4  
105 44.5 23.3 63.3





#66  
n-Nitrosodiphenylamine  
Concen: 39.435 ng  
RT: 10.813 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

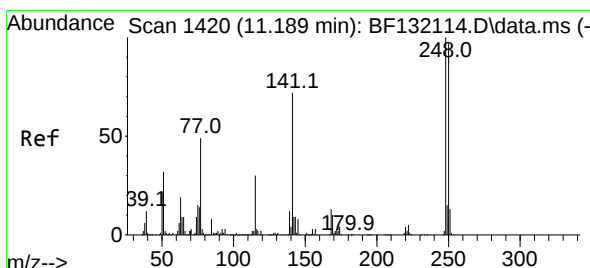
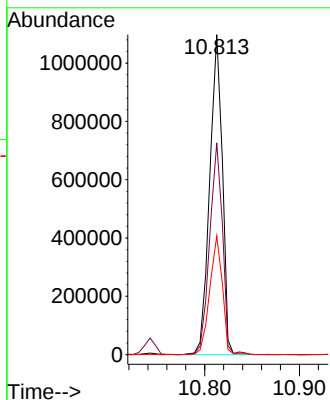
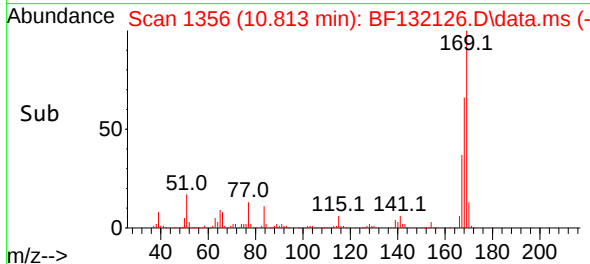
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



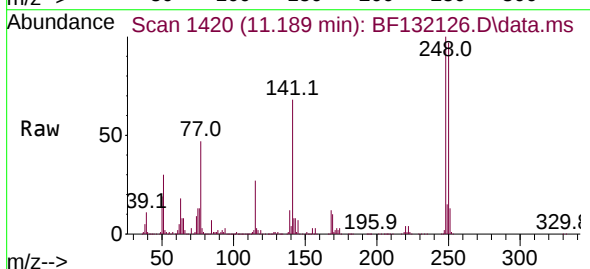
Tgt Ion:169 Resp: 1018166  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.6 80.4  
167 37.1 29.4 44.0

Manual Integrations  
APPROVED

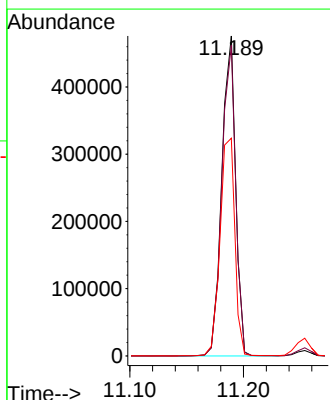
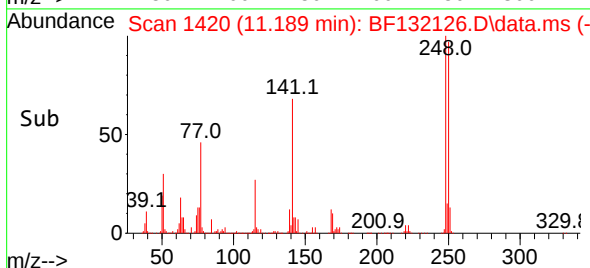
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

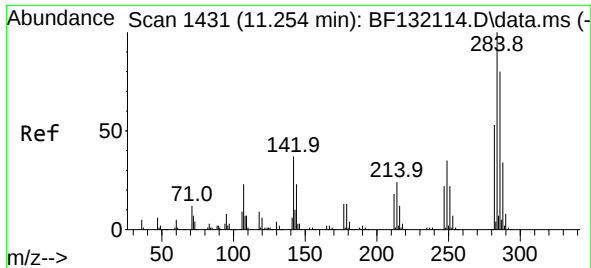


#67  
4-Bromophenyl-phenylether  
Concen: 40.980 ng  
RT: 11.189 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



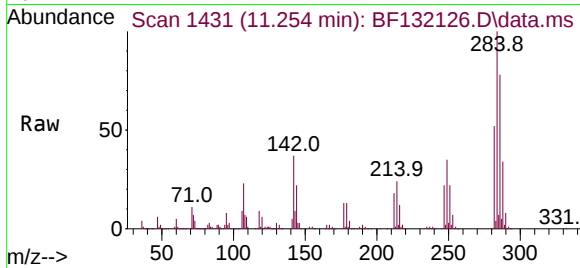
Tgt Ion:248 Resp: 400478  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.8 116.8  
141 68.0 57.6 86.4





#68  
Hexachlorobenzene  
Concen: 43.355 ng  
RT: 11.254 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

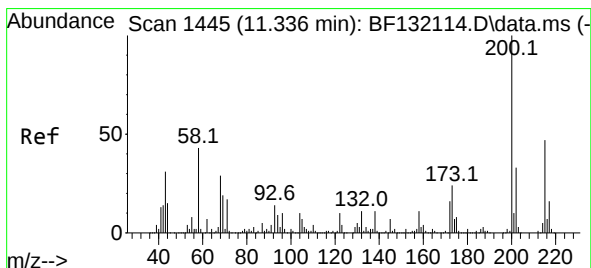
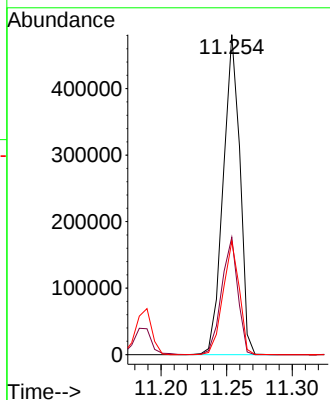
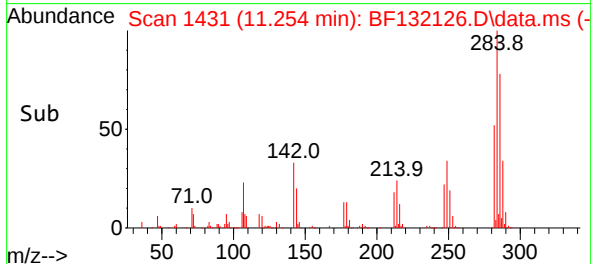
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



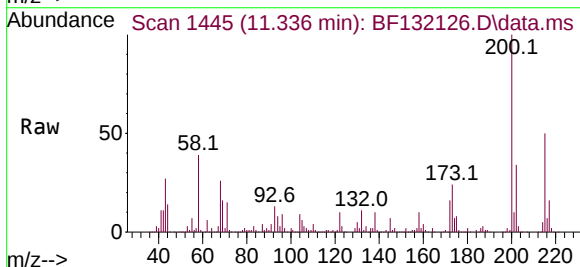
Tgt Ion:284 Resp: 426265  
Ion Ratio Lower Upper  
284 100  
142 36.7 29.4 44.2  
249 35.4 27.7 41.5

Manual Integrations  
APPROVED

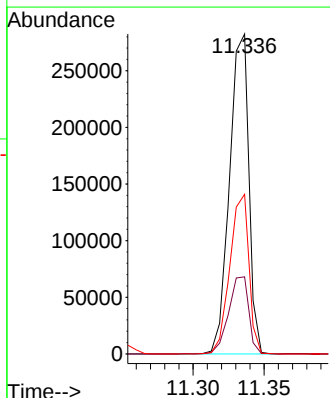
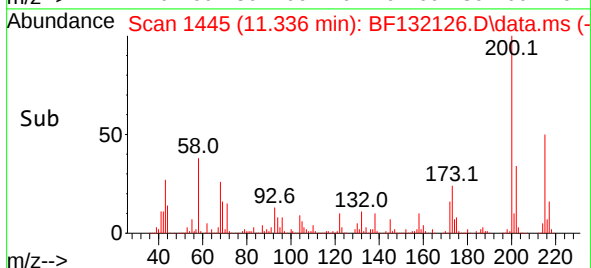
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

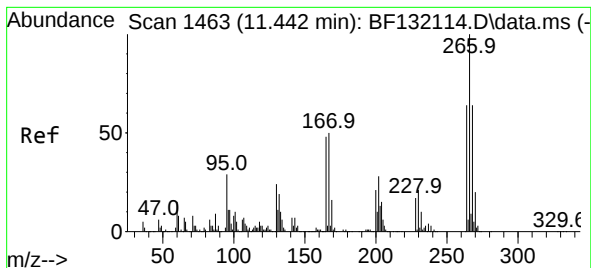


#69  
Atrazine  
Concen: 30.771 ng  
RT: 11.336 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



Tgt Ion:200 Resp: 267363  
Ion Ratio Lower Upper  
200 100  
173 24.1 4.6 44.6  
215 49.9 27.3 67.3





#70

Pentachlorophenol

Concen: 77.323 ng

RT: 11.448 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

Instrument :

BNA\_F

ClientSampleId :

PB150317BSD

Tgt Ion:266 Resp: 52231

Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.6

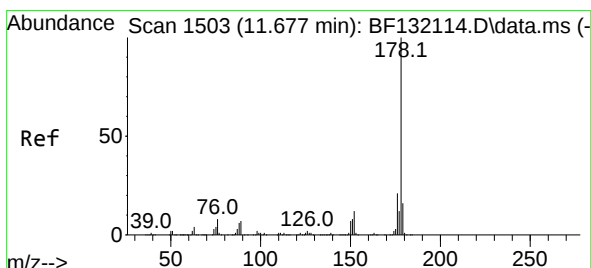
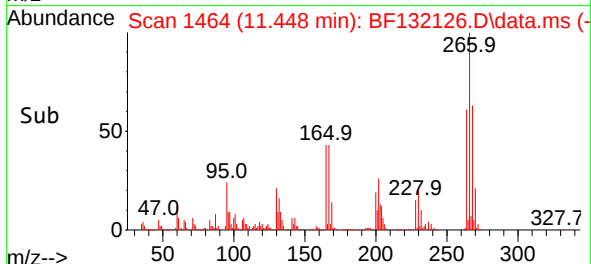
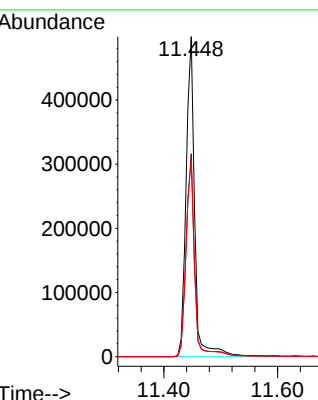
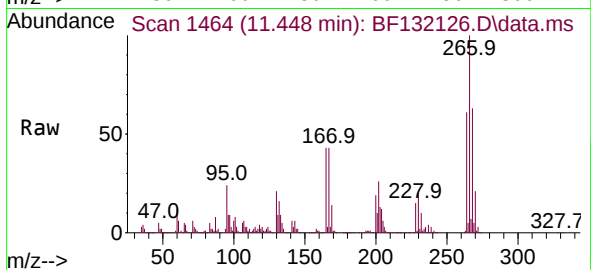
264 61.3 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#71

Phenanthrene

Concen: 39.678 ng

RT: 11.677 min Scan# 1503

Delta R.T. 0.000 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

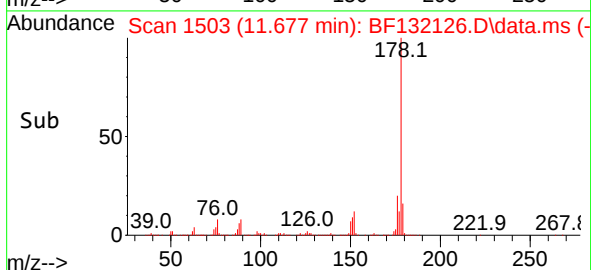
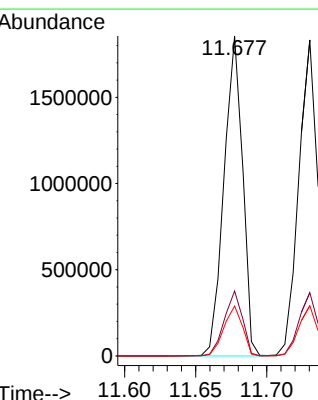
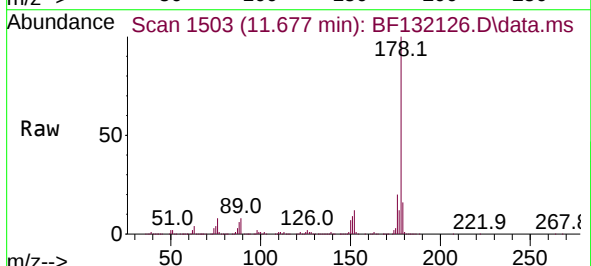
Tgt Ion:178 Resp: 1687460

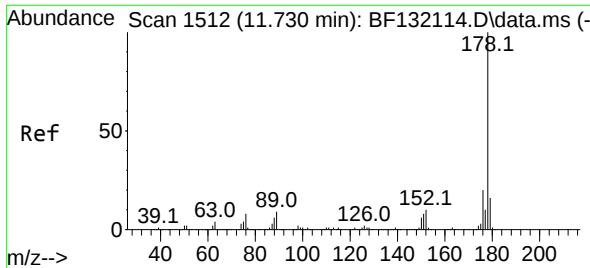
Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

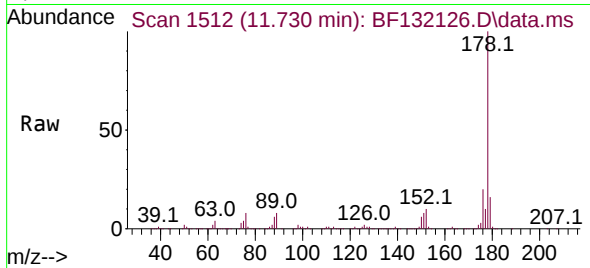
179 15.6 12.7 19.1





#72  
 Anthracene  
 Concen: 38.653 ng  
 RT: 11.730 min Scan# 1512  
 Delta R.T. 0.000 min  
 Lab File: BF132126.D  
 Acq: 18 Jan 2023 19:26

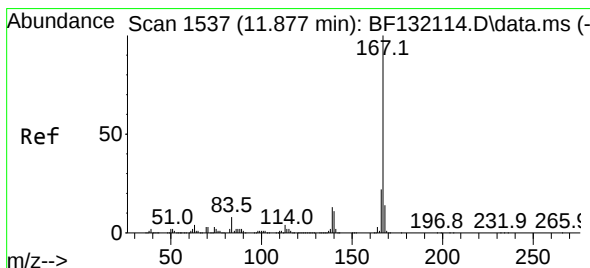
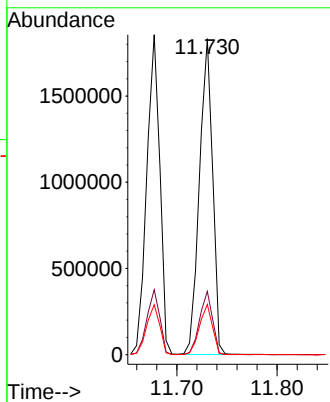
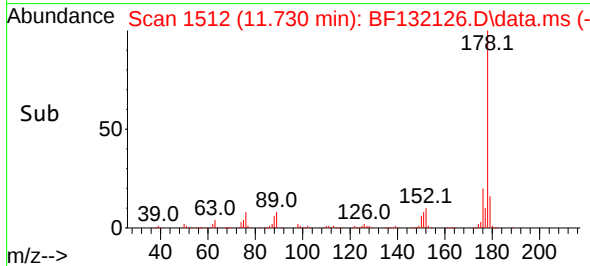
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150317BSD



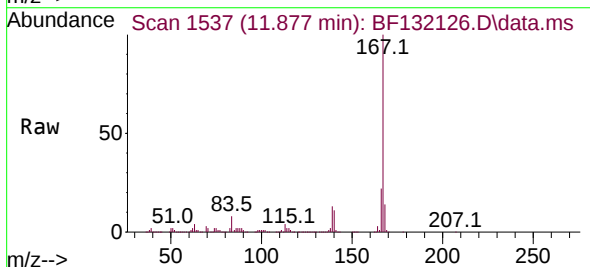
Tgt Ion:178 Resp: 1671466  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 15.8 23.8  
 179 15.9 12.9 19.3

Manual Integrations  
 APPROVED

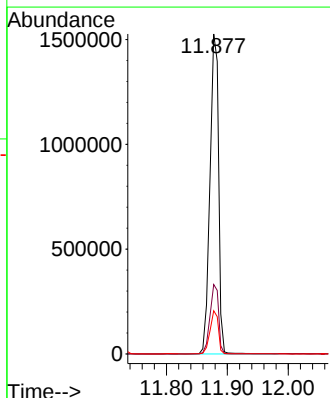
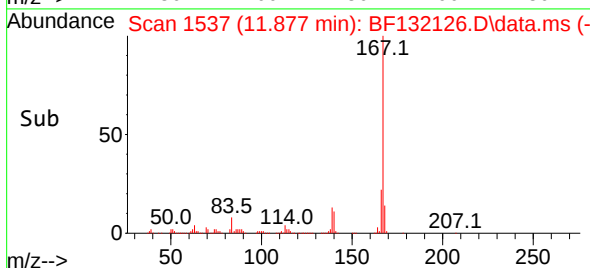
Reviewed By :Christian Giraldo 01/19/2023  
 Supervised By :Jagrut Upadhyay 01/19/2023

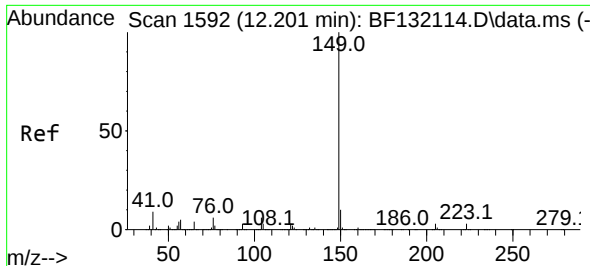


#73  
 Carbazole  
 Concen: 39.832 ng  
 RT: 11.877 min Scan# 1537  
 Delta R.T. 0.000 min  
 Lab File: BF132126.D  
 Acq: 18 Jan 2023 19:26



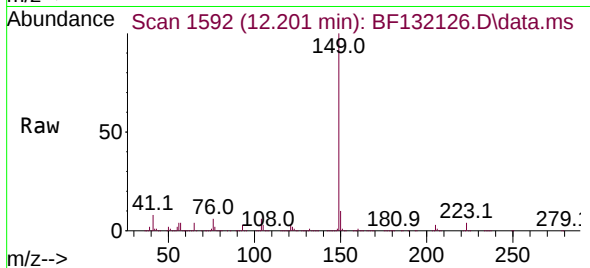
Tgt Ion:167 Resp: 1502930  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.7 26.5  
 139 13.5 10.8 16.2





#74  
Di-n-butylphthalate  
Concen: 41.650 ng  
RT: 12.201 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

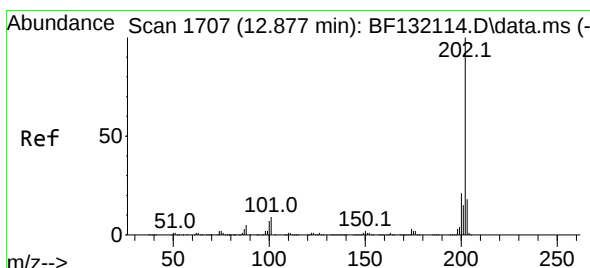
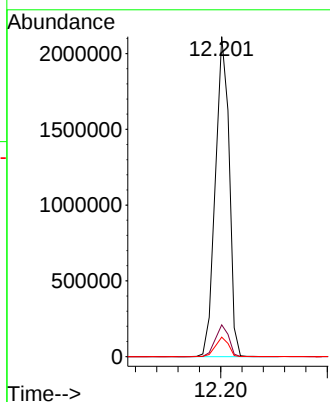
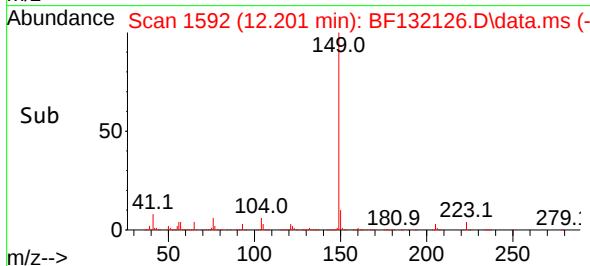
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:149 Resp: 1908402  
Ion Ratio Lower Upper  
149 100  
150 9.9 7.6 11.4  
104 6.1 4.8 7.2

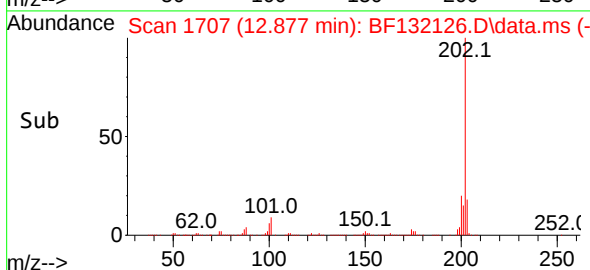
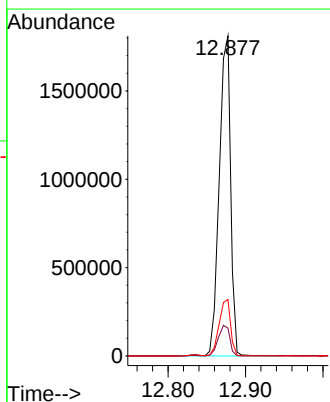
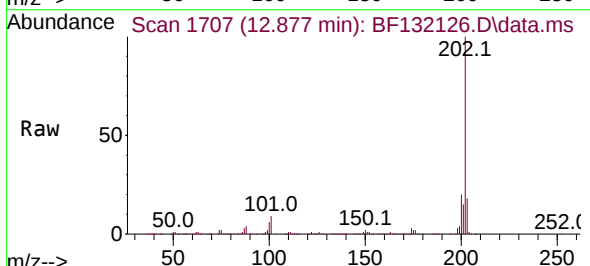
Manual Integrations  
APPROVED

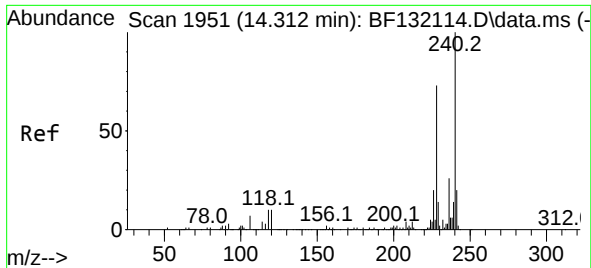
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#75  
Fluoranthene  
Concen: 40.756 ng  
RT: 12.877 min Scan# 1707  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

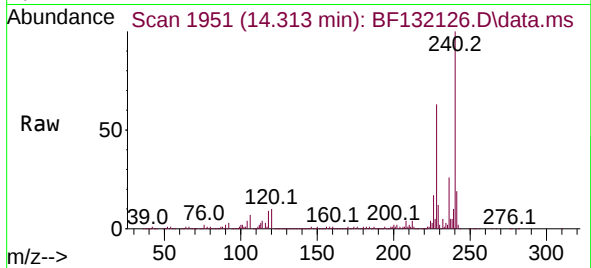
Tgt Ion:202 Resp: 1856651  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 28.9  
203 17.6 0.0 37.7





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.313 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

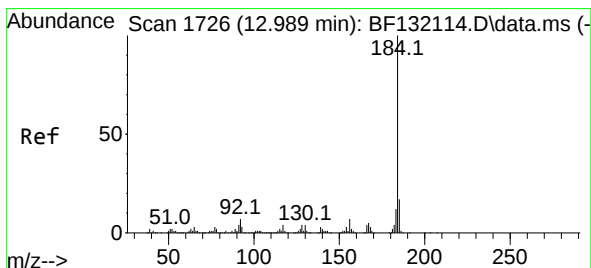
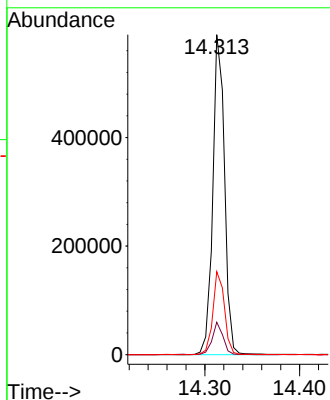
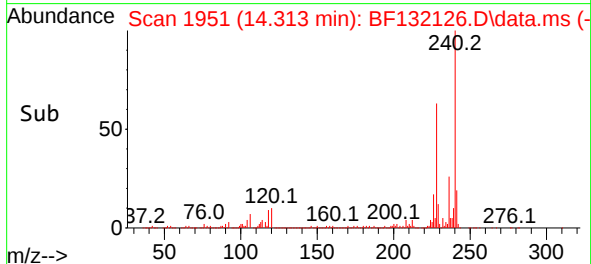
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



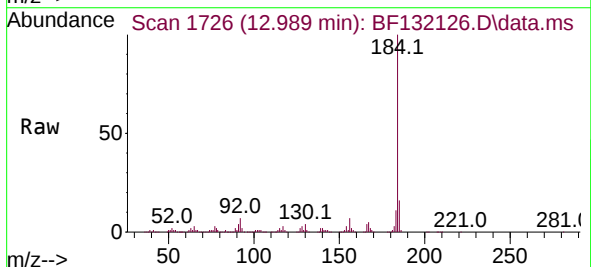
Tgt Ion:240 Resp: 508875  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.2 12.4  
236 25.9 21.2 31.8

Manual Integrations  
APPROVED

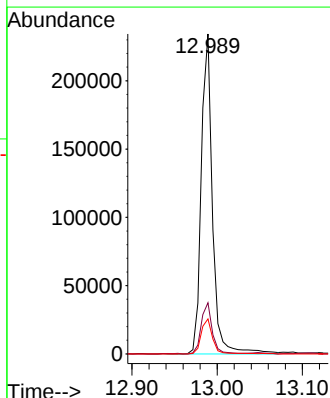
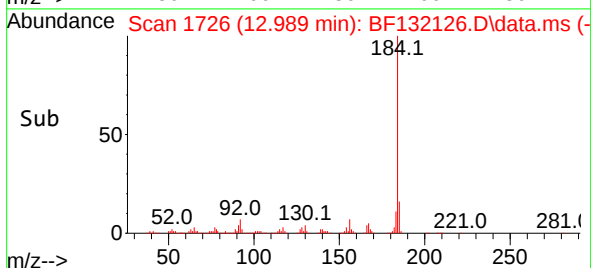
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

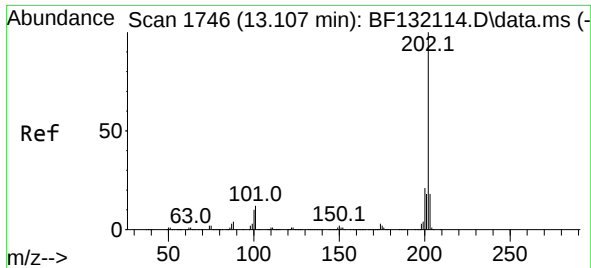


#77  
Benzidine  
Concen: 15.615 ng  
RT: 12.989 min Scan# 1726  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



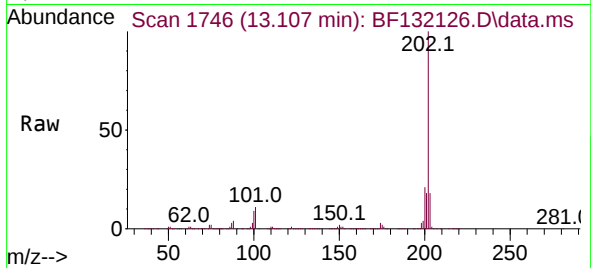
Tgt Ion:184 Resp: 213971  
Ion Ratio Lower Upper  
184 100  
185 16.0 13.7 20.5  
183 10.9 9.4 14.0





#78  
Pyrene  
Concen: 38.181 ng  
RT: 13.107 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

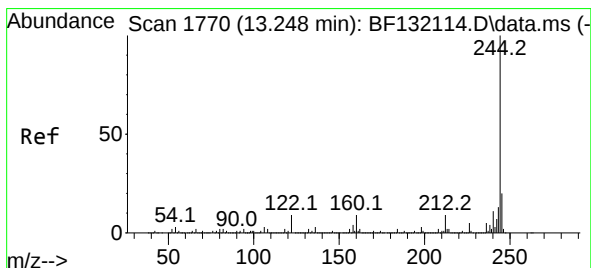
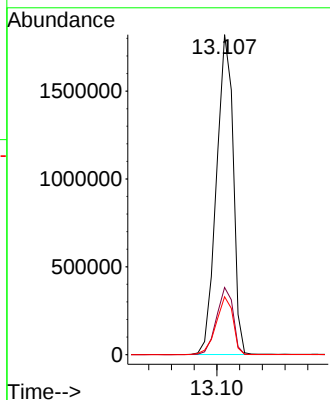
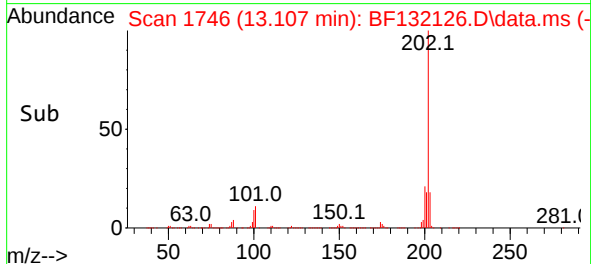
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



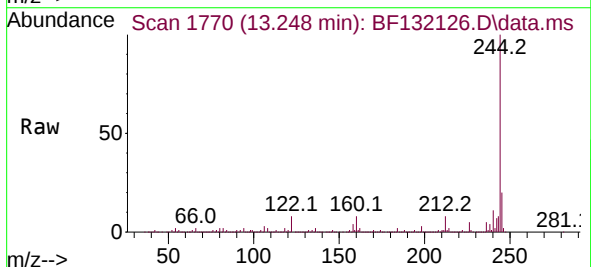
Tgt Ion:202 Resp: 1859729  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.0 25.4  
203 18.1 14.6 22.0

Manual Integrations  
APPROVED

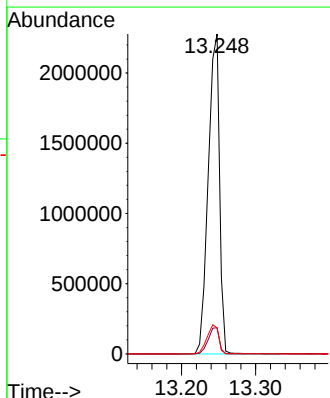
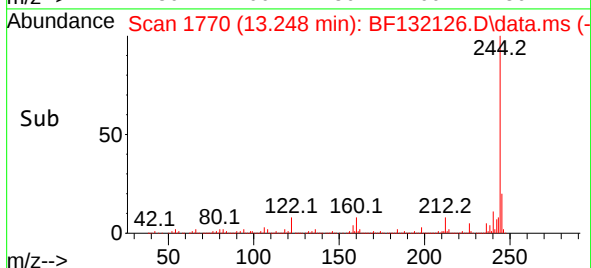
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

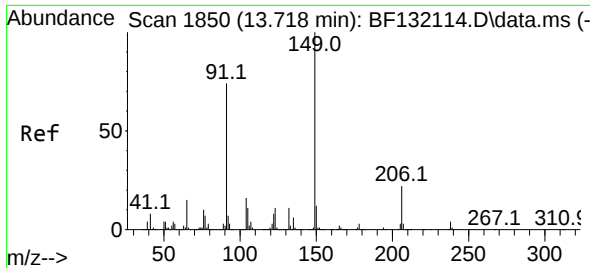


#79  
Terphenyl-d14  
Concen: 77.056 ng  
RT: 13.248 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



Tgt Ion:244 Resp: 2416699  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.9 10.3  
122 8.1 7.0 10.6





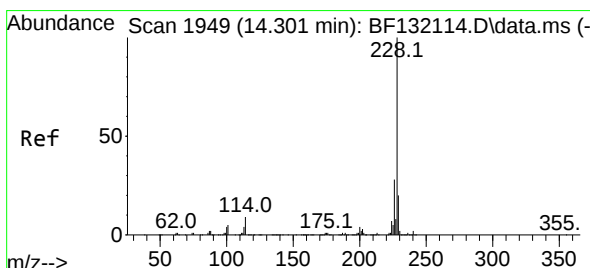
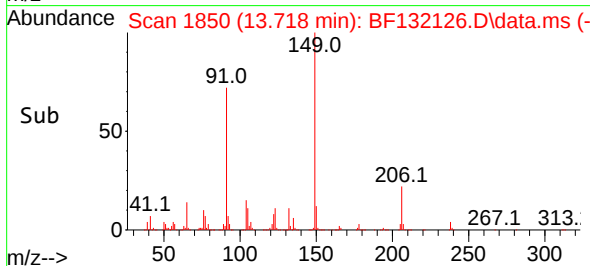
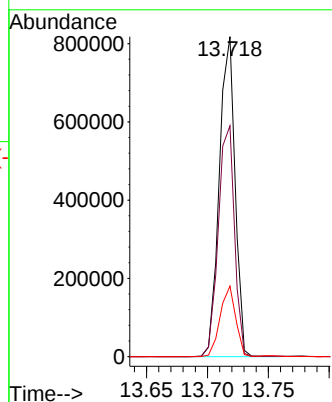
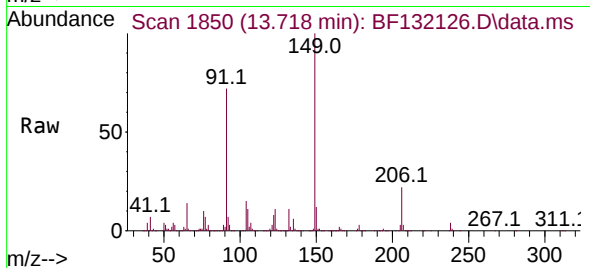
#80  
Butylbenzylphthalate  
Concen: 42.967 ng  
RT: 13.718 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD

Tgt Ion:149 Resp: 737725  
Ion Ratio Lower Upper  
149 100  
91 72.1 59.2 88.8  
206 22.0 17.3 25.9

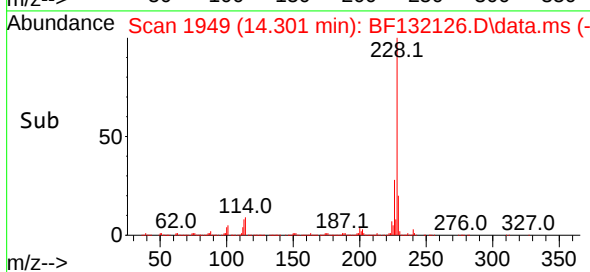
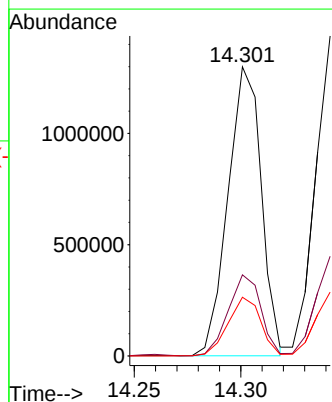
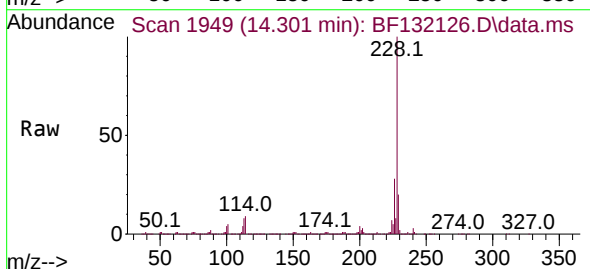
Manual Integrations  
APPROVED

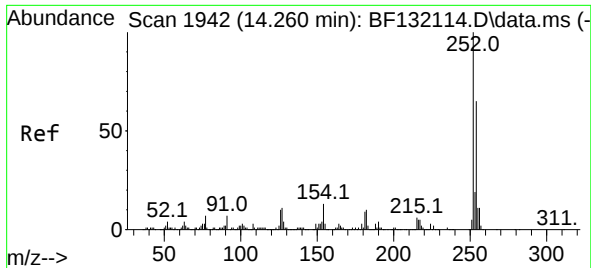
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#81  
Benzo(a)anthracene  
Concen: 39.762 ng  
RT: 14.301 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

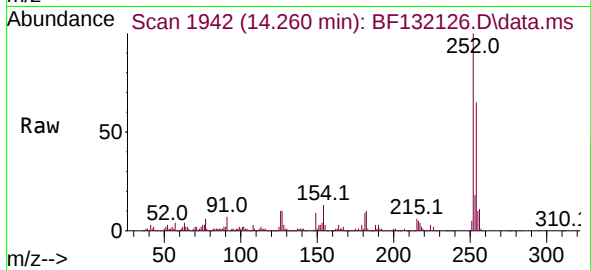
Tgt Ion:228 Resp: 1414184  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.2 33.4  
229 20.3 16.0 24.0





#82  
3,3'-Dichlorobenzidine  
Concen: 33.338 ng  
RT: 14.260 min Scan# 1942  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

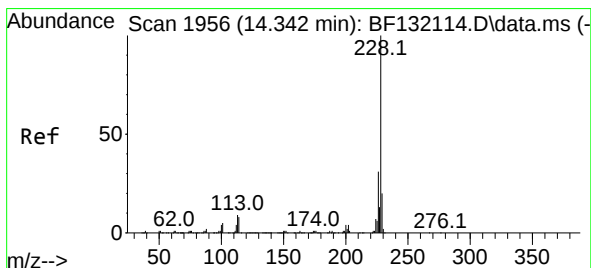
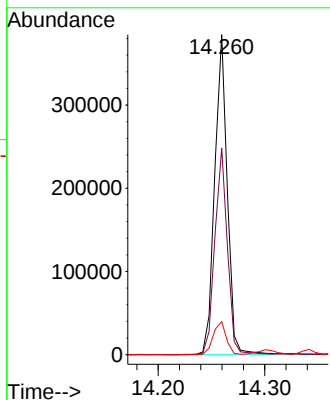
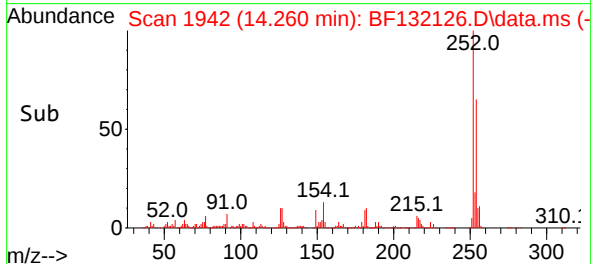
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



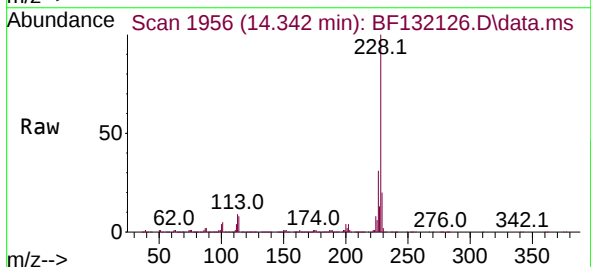
Tgt Ion:252 Resp: 315399  
Ion Ratio Lower Upper  
252 100  
254 64.6 52.2 78.2  
126 10.3 8.2 12.4

Manual Integrations  
APPROVED

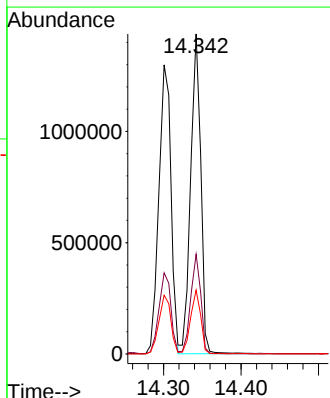
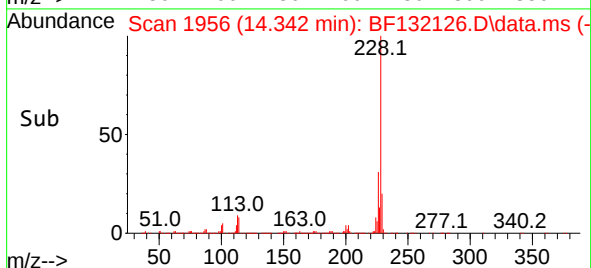
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

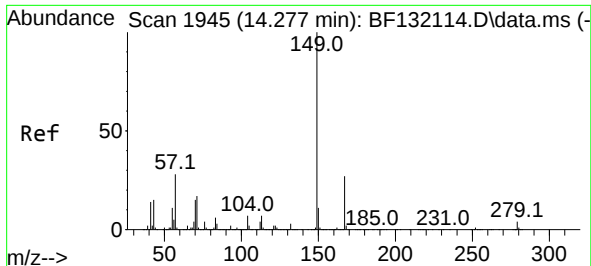


#83  
Chrysene  
Concen: 39.180 ng  
RT: 14.342 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



Tgt Ion:228 Resp: 1309954  
Ion Ratio Lower Upper  
228 100  
226 31.1 24.7 37.1  
229 19.9 16.2 24.4





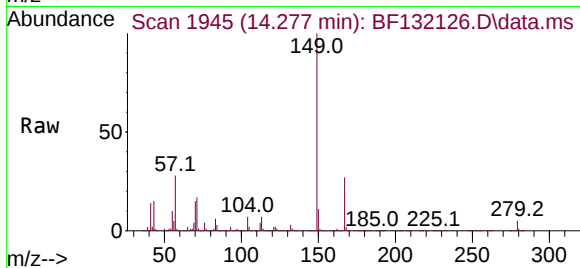
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.887 ng  
RT: 14.277 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Instrument :

BNA\_F

ClientSampleId :

PB150317BSD

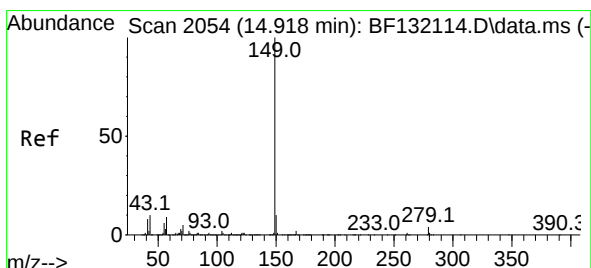
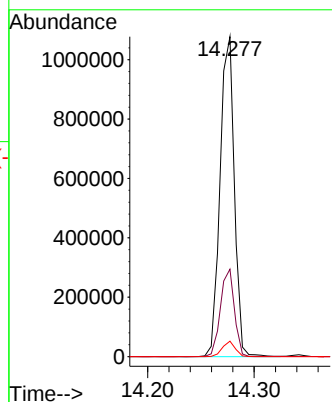
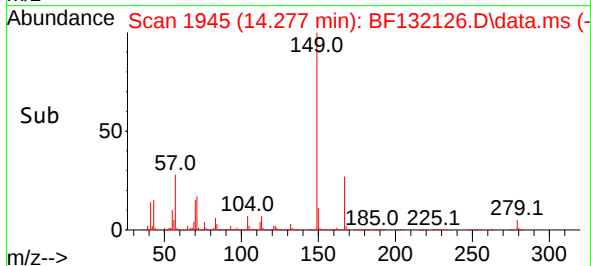


Tgt Ion:149 Resp: 1007875  
Ion Ratio Lower Upper  
149 100  
167 27.3 21.4 32.0  
279 4.8 3.4 5.0

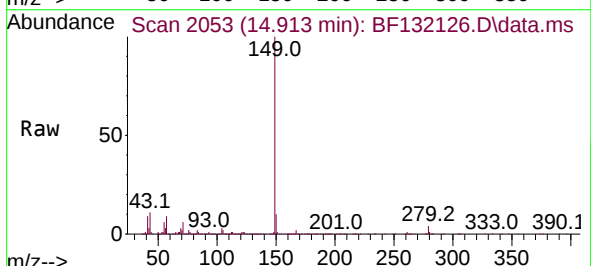
Manual Integrations

APPROVED

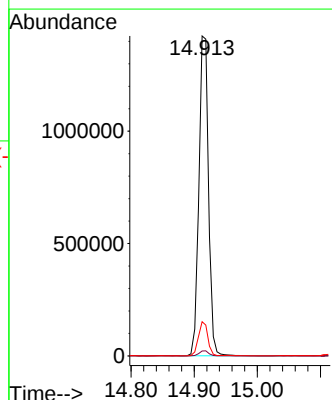
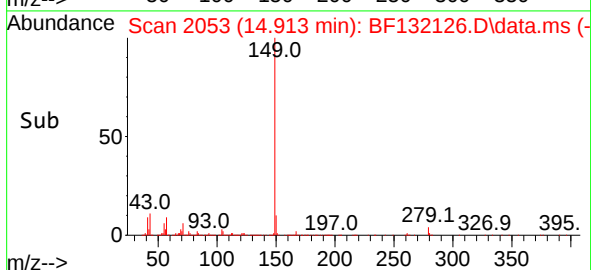
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023

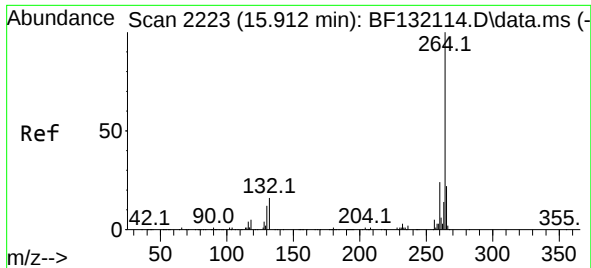


#85  
Di-n-octyl phthalate  
Concen: 51.319 ng  
RT: 14.913 min Scan# 2053  
Delta R.T. -0.006 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26



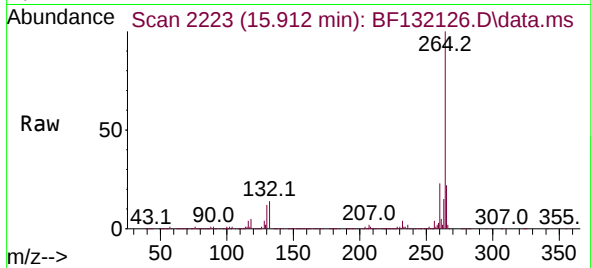
Tgt Ion:149 Resp: 1511139  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.4 8.4 12.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.912 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

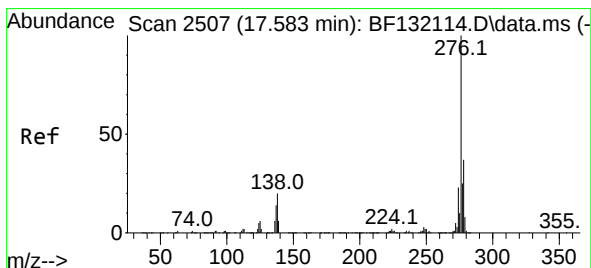
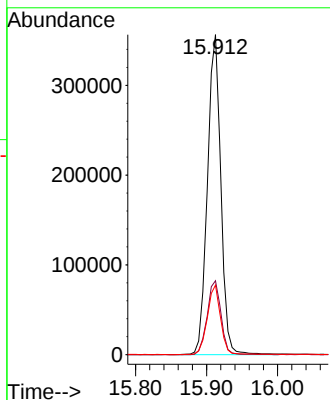
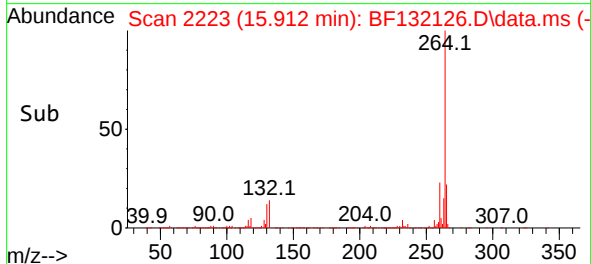
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:264 Resp: 466552  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.1 28.7  
265 21.7 17.5 26.3

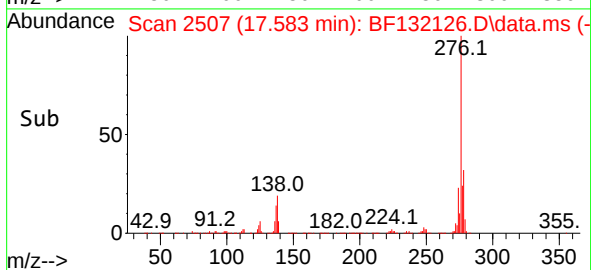
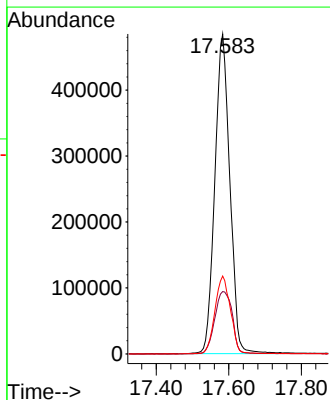
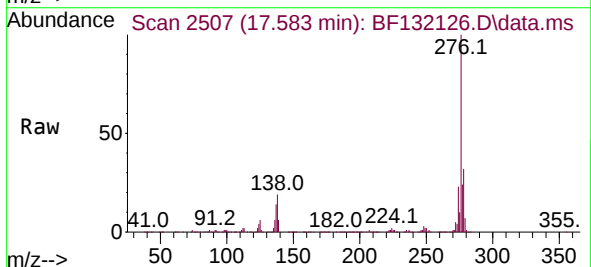
Manual Integrations  
APPROVED

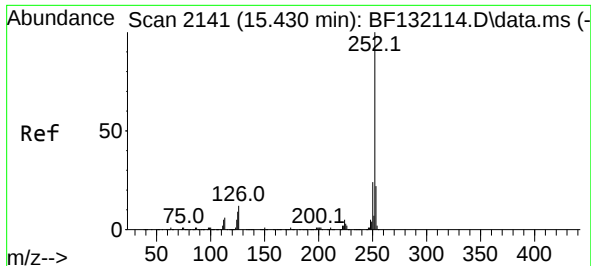
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.625 ng  
RT: 17.583 min Scan# 2507  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

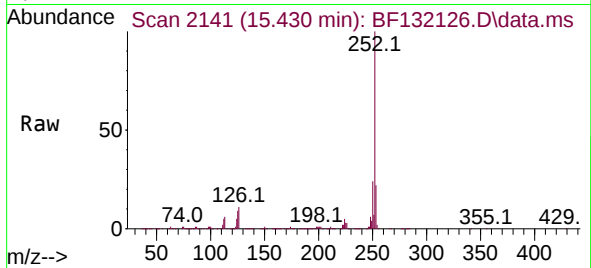
Tgt Ion:276 Resp: 1391683  
Ion Ratio Lower Upper  
276 100  
138 22.8 18.2 27.4  
277 25.3 20.0 30.0





#88  
Benzo(b)fluoranthene  
Concen: 46.710 ng  
RT: 15.430 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

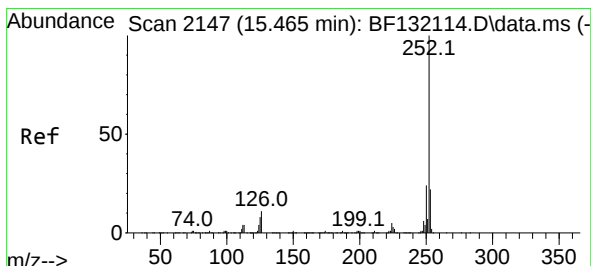
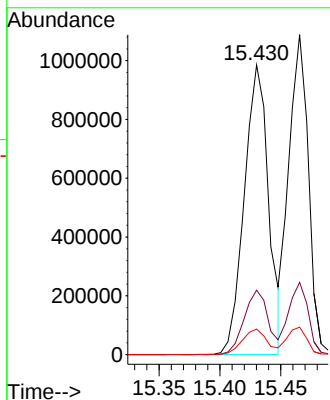
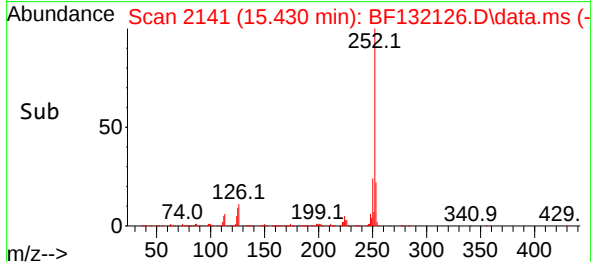
Instrument :  
BNA\_F  
ClientSampleId :  
PB150317BSD



Tgt Ion:252 Resp: 1371052  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 8.8 7.2 10.8

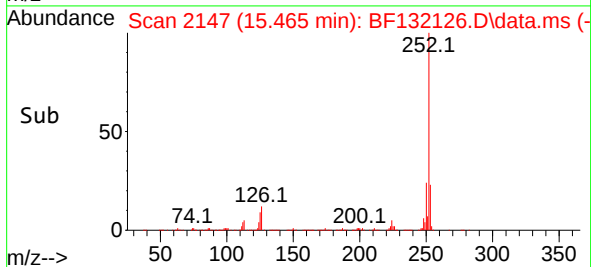
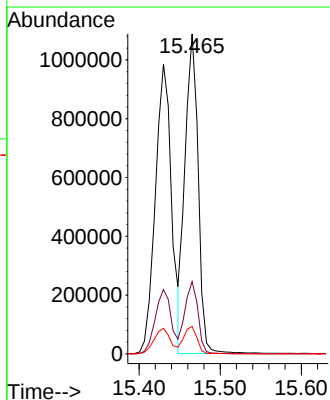
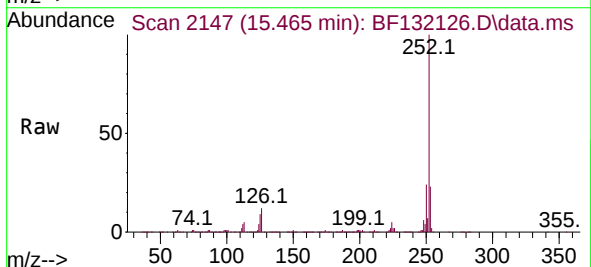
Manual Integrations  
APPROVED

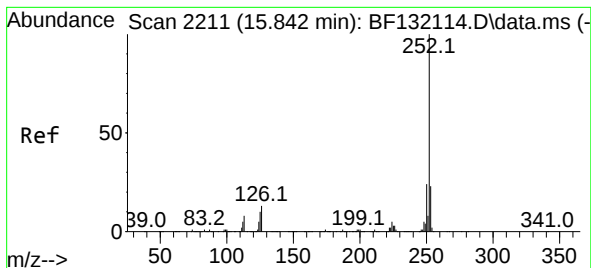
Reviewed By :Christian Giraldo 01/19/2023  
Supervised By :Jagrut Upadhyay 01/19/2023



#89  
Benzo(k)fluoranthene  
Concen: 41.963 ng  
RT: 15.465 min Scan# 2147  
Delta R.T. 0.000 min  
Lab File: BF132126.D  
Acq: 18 Jan 2023 19:26

Tgt Ion:252 Resp: 1232132  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.7 26.5  
125 8.6 6.7 10.1





#90

Benzo(a)pyrene

Concen: 43.592 ng

RT: 15.842 min Scan# 211

Delta R.T. 0.000 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

Instrument :

BNA\_F

ClientSampleId :

PB150317BSD

Tgt Ion:252 Resp: 1156731

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

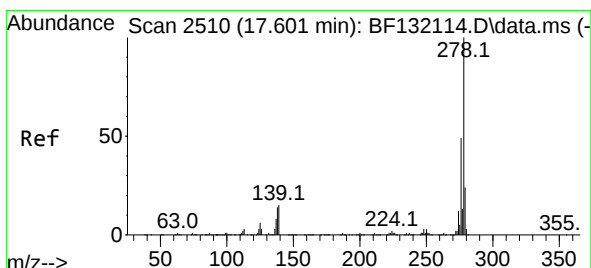
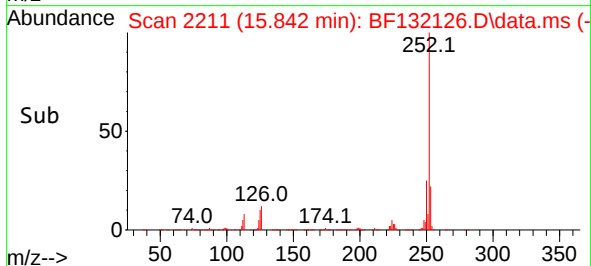
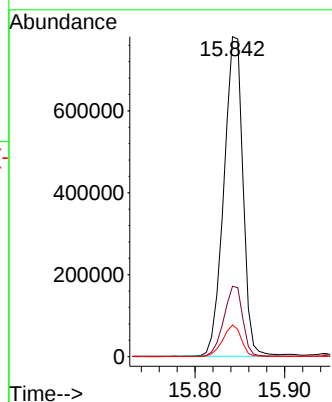
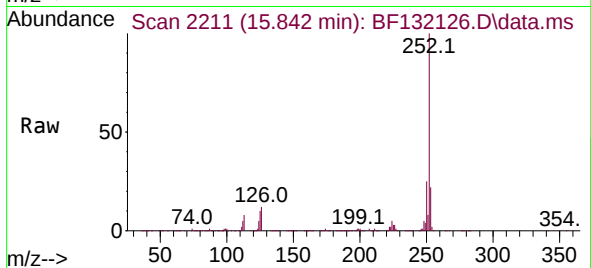
125 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#91

Dibenzo(a,h)anthracene

Concen: 51.820 ng

RT: 17.606 min Scan# 2511

Delta R.T. 0.006 min

Lab File: BF132126.D

Acq: 18 Jan 2023 19:26

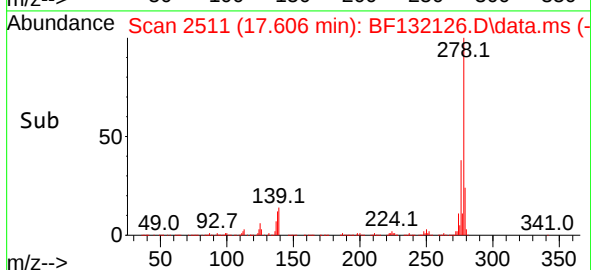
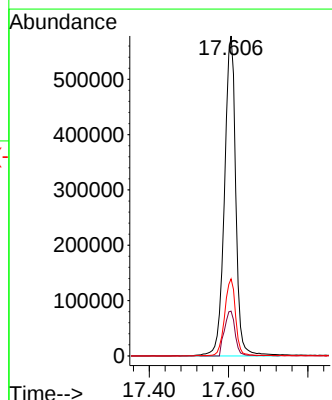
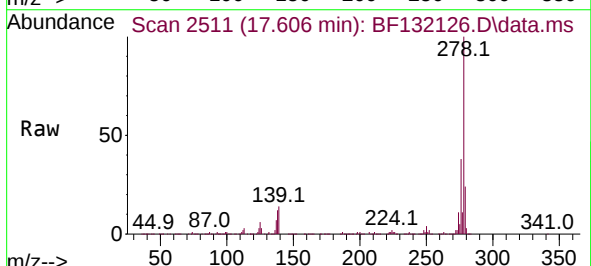
Tgt Ion:278 Resp: 1144648

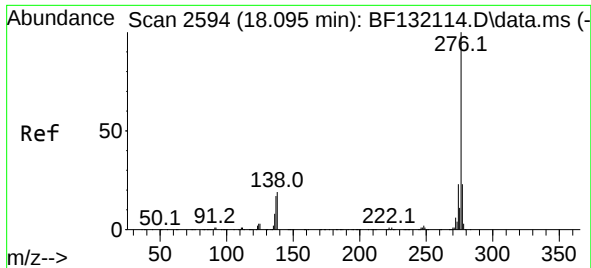
Ion Ratio Lower Upper

278 100

139 14.0 11.8 17.8

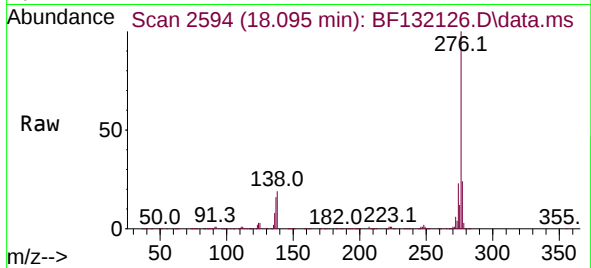
279 24.1 19.2 28.8





#92  
 Benzo(g,h,i)perylene  
 Concen: 52.315 ng  
 RT: 18.095 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF132126.D  
 Acq: 18 Jan 2023 19:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150317BSD



Tgt Ion:276 Resp: 1203992  
 Ion Ratio Lower Upper  
 276 100  
 277 23.7 18.6 28.0  
 138 18.9 15.4 23.2

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 01/19/2023  
 Supervised By :Jagrut Upadhyay 01/19/2023

