

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092923\  
 Data File : BF135509.D  
 Acq On : 29 Sep 2023 09:33  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

 Reviewed By :Yogesh  
 Patel

Quant Time: Oct 02 10:26:16 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 30 00:12:20 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.751  | 152  | 189262   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.028  | 136  | 749851   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.786  | 164  | 375128   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.274 | 188  | 717636   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.933 | 240  | 393787   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.392 | 264  | 353917   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 921837   | 79.219 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.404  | 99   | 1138742  | 76.960 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.322  | 82   | 1072624  | 77.715 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.580 | 330  | 242631   | 65.086 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.110  | 172  | 1649776  | 66.352 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.874 | 244  | 1691837  | 66.601 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.446  | 88   | 230659   | 45.216 | ng    | 93       |
| 3) Pyridine                   | 3.199  | 79   | 623196   | 45.392 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.169  | 42   | 320218   | 43.952 | ng    | 92       |
| 6) Aniline                    | 6.422  | 93   | 723917   | 37.309 | ng    | # 73     |
| 8) 2-Chlorophenol             | 6.540  | 128  | 491093   | 39.534 | ng    | 98       |
| 9) Benzaldehyde               | 6.304  | 77   | 343784   | 40.785 | ng    | 98       |
| 10) Phenol                    | 6.416  | 94   | 598846   | 36.909 | ng    | 76       |
| 11) bis(2-Chloroethyl)ether   | 6.492  | 93   | 511968   | 42.066 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.687  | 146  | 487120   | 38.586 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.769  | 146  | 486702   | 37.893 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.916  | 146  | 441173   | 36.987 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.898  | 79   | 370046   | 34.851 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.028  | 45   | 892203   | 38.892 | ng    | 85       |
| 17) 2-Methylphenol            | 7.016  | 107  | 416013   | 37.951 | ng    | 95       |
| 18) Hexachloroethane          | 7.251  | 117  | 184847   | 38.950 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.169  | 70   | 329916   | 35.998 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.175  | 107  | 487187   | 36.960 | ng    | # 71     |
| 22) Acetophenone              | 7.163  | 105  | 641055   | 37.393 | ng    | 94       |
| 24) Nitrobenzene              | 7.339  | 77   | 541311   | 39.680 | ng    | 98       |
| 25) Isophorone                | 7.575  | 82   | 1024179  | 40.411 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.651  | 139  | 268552   | 41.017 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.692  | 122  | 431745   | 39.231 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.786  | 93   | 619118   | 40.814 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.898  | 162  | 395064   | 38.741 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.969  | 180  | 395626   | 37.117 | ng    | 99       |
| 31) Naphthalene               | 8.051  | 128  | 1391267  | 38.187 | ng    | 99       |
| 32) Benzoic acid              | 7.839  | 122  | 343061m  | 41.397 | ng    |          |
| 33) 4-Chloroaniline           | 8.110  | 127  | 625916   | 39.157 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.163  | 225  | 228055   | 35.483 | ng    | 98       |
| 35) Caprolactam               | 8.492  | 113  | 145898m  | 42.629 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.598  | 107  | 432739   | 38.181 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.739  | 142  | 903091   | 36.876 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.839  | 142  | 846120   | 36.902 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.910  | 216  | 406527   | 37.407 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.892  | 237  | 149367   | 35.697 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.028  | 196  | 270527   | 38.019 | ng    | 99       |

10/04/2023

Supervised By :mohammad

Ahmed

10/05/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092923\  
 Data File : BF135509.D  
 Acq On : 29 Sep 2023 09:33  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

Quant Time: Oct 02 10:26:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 30 00:12:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                         |
|-------------------------------|--------|------|----------|--------|-------|----------|-------------------------|
| 44) 2,4,5-Trichlorophenol     | 9.075  | 196  | 311591   | 38.025 | ng    | 98       | 10/04/2023              |
| 46) 1,1'-Biphenyl             | 9.210  | 154  | 1078551  | 37.413 | ng    | 98       | Supervised By :mohammad |
| 47) 2-Chloronaphthalene       | 9.233  | 162  | 796530   | 38.082 | ng    | 99       | ahmed                   |
| 48) 2-Nitroaniline            | 9.339  | 65   | 329815   | 40.588 | ng    | 98       |                         |
| 49) Acenaphthylene            | 9.651  | 152  | 1249924  | 35.957 | ng    | 100      |                         |
| 50) Dimethylphthalate         | 9.516  | 163  | 981114   | 38.684 | ng    | 100      |                         |
| 51) 2,6-Dinitrotoluene        | 9.586  | 165  | 217576   | 39.160 | ng    | # 86     | 10/05/2023              |
| 52) Acenaphthene              | 9.822  | 154  | 768417   | 37.419 | ng    | 99       |                         |
| 53) 3-Nitroaniline            | 9.757  | 138  | 269542   | 41.329 | ng    | 95       |                         |
| 54) 2,4-Dinitrophenol         | 9.869  | 184  | 104486   | 36.787 | ng    | 88       |                         |
| 55) Dibenzofuran              | 9.992  | 168  | 1095559  | 34.961 | ng    | 99       |                         |
| 56) 4-Nitrophenol             | 9.933  | 139  | 144667   | 34.902 | ng    | 95       |                         |
| 57) 2,4-Dinitrotoluene        | 9.992  | 165  | 241878   | 34.774 | ng    | # 79     |                         |
| 58) Fluorene                  | 10.339 | 166  | 878056   | 36.449 | ng    | 98       |                         |
| 59) 2,3,4,6-Tetrachlorophenol | 10.116 | 232  | 231134   | 36.668 | ng    | 99       |                         |
| 60) Diethylphthalate          | 10.216 | 149  | 965732   | 37.941 | ng    | 99       |                         |
| 61) 4-Chlorophenyl-phenyle... | 10.327 | 204  | 413213   | 35.708 | ng    | 96       |                         |
| 62) 4-Nitroaniline            | 10.375 | 138  | 263856m  | 42.088 | ng    |          |                         |
| 63) Azobenzene                | 10.492 | 77   | 998250   | 40.072 | ng    | 99       |                         |
| 65) 4,6-Dinitro-2-methylph... | 10.404 | 198  | 151179   | 39.663 | ng    | 94       |                         |
| 66) n-Nitrosodiphenylamine    | 10.451 | 169  | 816610   | 37.586 | ng    | 100      |                         |
| 67) 4-Bromophenyl-phenylether | 10.822 | 248  | 260209   | 36.457 | ng    | 99       |                         |
| 68) Hexachlorobenzene         | 10.886 | 284  | 264285   | 36.346 | ng    | 93       |                         |
| 69) Atrazine                  | 10.986 | 200  | 212184   | 36.296 | ng    | 98       |                         |
| 70) Pentachlorophenol         | 11.086 | 266  | 153290   | 35.235 | ng    | 96       |                         |
| 71) Phenanthrene              | 11.304 | 178  | 1269216  | 37.395 | ng    | 99       |                         |
| 72) Anthracene                | 11.357 | 178  | 1328419  | 38.077 | ng    | 99       |                         |
| 73) Carbazole                 | 11.516 | 167  | 1260041  | 39.675 | ng    | 99       |                         |
| 74) Di-n-butylphthalate       | 11.845 | 149  | 1506654  | 40.260 | ng    | 100      |                         |
| 75) Fluoranthene              | 12.498 | 202  | 1363889  | 38.565 | ng    | 98       |                         |
| 77) Benzidine                 | 12.621 | 184  | 286039   | 35.456 | ng    | 99       |                         |
| 78) Pyrene                    | 12.727 | 202  | 1382561  | 36.877 | ng    | 99       |                         |
| 80) Butylbenzylphthalate      | 13.351 | 149  | 583601   | 44.212 | ng    | 99       |                         |
| 81) Benzo(a)anthracene        | 13.921 | 228  | 995458   | 39.148 | ng    | 98       |                         |
| 82) 3,3'-Dichlorobenzidine    | 13.886 | 252  | 318613   | 40.115 | ng    | # 98     |                         |
| 83) Chrysene                  | 13.963 | 228  | 964313   | 38.144 | ng    | 99       |                         |
| 84) Bis(2-ethylhexyl)phtha... | 13.910 | 149  | 695201   | 51.323 | ng    | # 99     |                         |
| 85) Di-n-octyl phthalate      | 14.527 | 149  | 1022527  | 47.500 | ng    | 99       |                         |
| 87) Indeno(1,2,3-cd)pyrene    | 16.880 | 276  | 865516   | 37.298 | ng    | 95       |                         |
| 88) Benzo(b)fluoranthene      | 14.968 | 252  | 796358   | 41.566 | ng    | # 96     |                         |
| 89) Benzo(k)fluoranthene      | 14.998 | 252  | 693935   | 36.667 | ng    | # 97     |                         |
| 90) Benzo(a)pyrene            | 15.333 | 252  | 720879   | 39.456 | ng    | 98       |                         |
| 91) Dibenzo(a,h)anthracene    | 16.886 | 278  | 709470   | 37.366 | ng    | 98       |                         |
| 92) Benzo(g,h,i)perylene      | 17.321 | 276  | 762844   | 38.471 | ng    | 95       |                         |

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

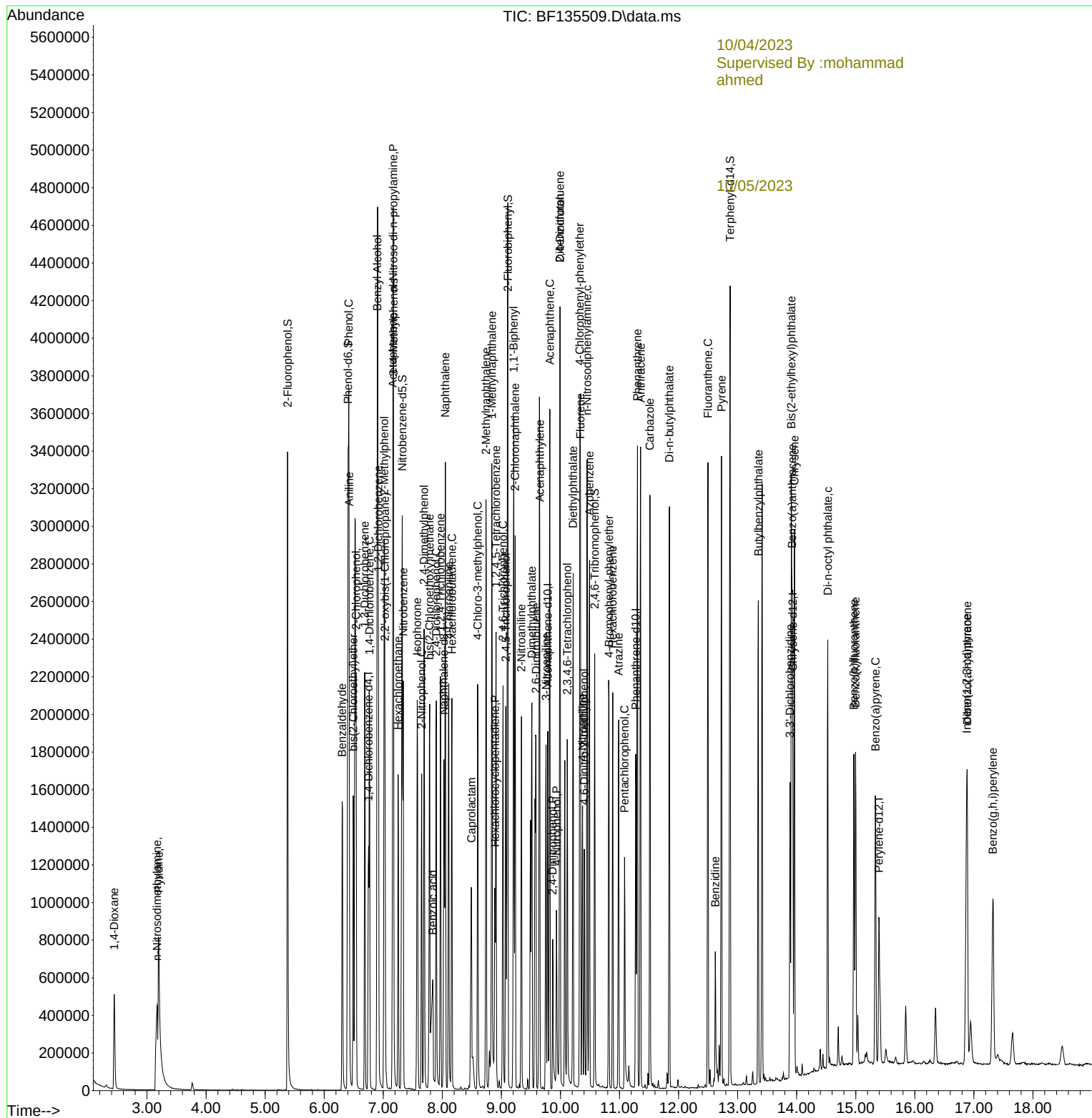
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092923\  
Data File : BF135509.D  
Acq On : 29 Sep 2023 09:33  
Operator : CG\JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

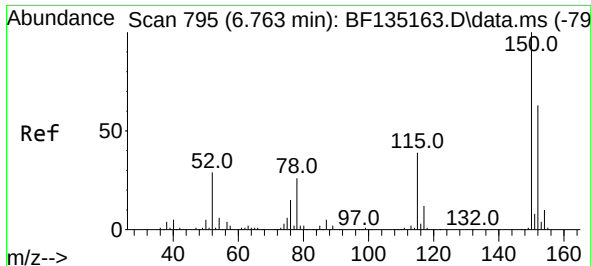
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

Quant Time: Oct 02 10:26:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 30 00:12:20 2023  
Response via : Initial Calibration





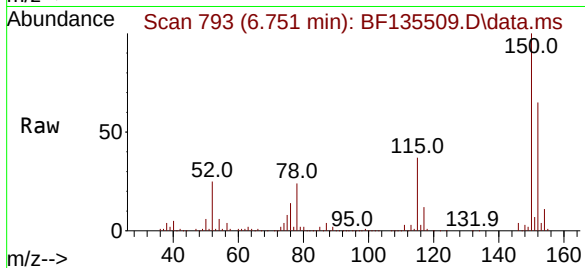
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.751 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

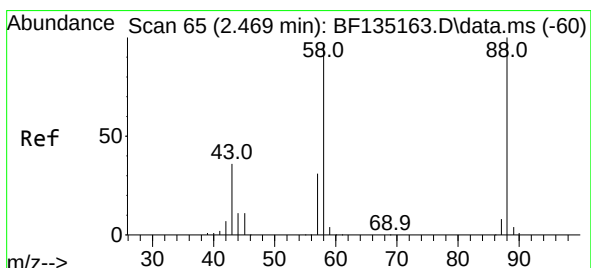
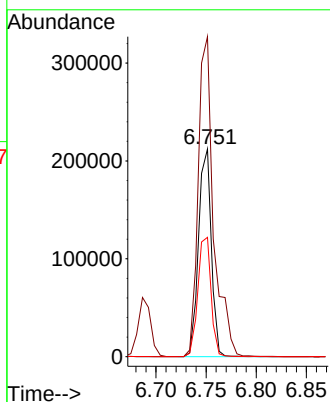
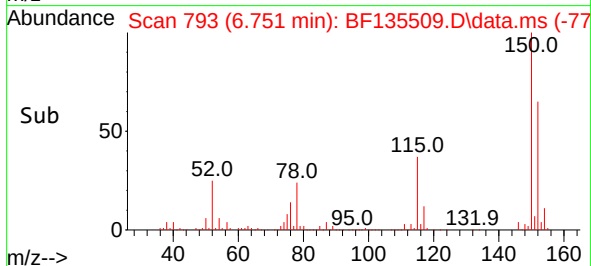


Tgt Ion:152 Resp: 189262  
Ion Ratio Lower Upper  
152 100  
150 154.1 127.8 191.6  
115 57.5 49.8 74.8

Manual Integrations

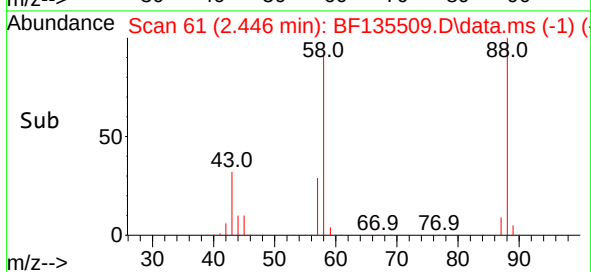
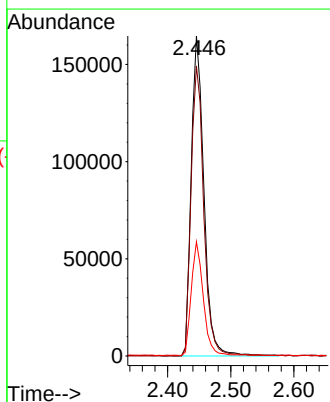
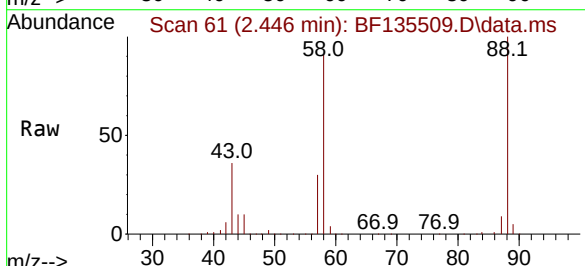
APPROVED

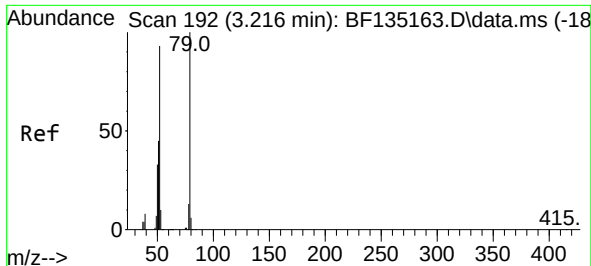
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#2  
1,4-Dioxane  
Concen: 45.216 ng  
RT: 2.446 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

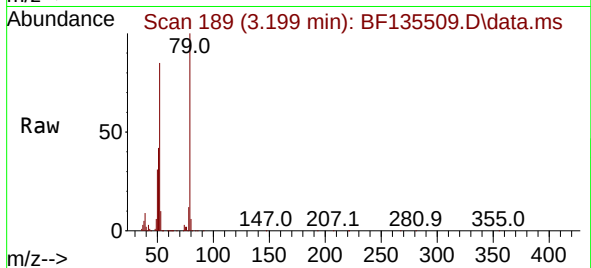
Tgt Ion: 88 Resp: 230659  
Ion Ratio Lower Upper  
88 100  
58 90.9 78.3 117.5  
43 33.2 29.4 44.0





#3  
Pyridine  
Concen: 45.392 ng  
RT: 3.199 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

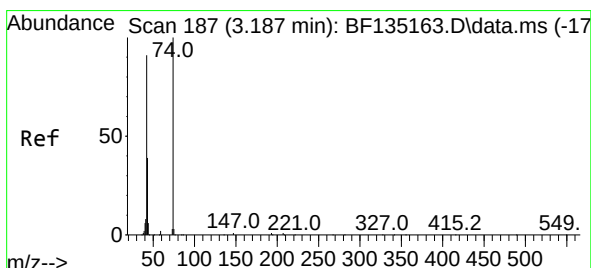
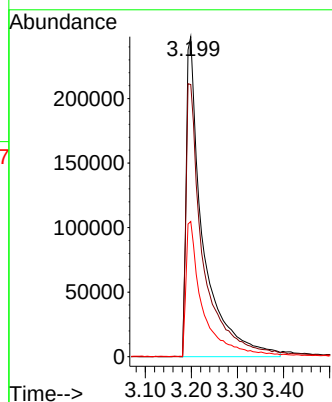
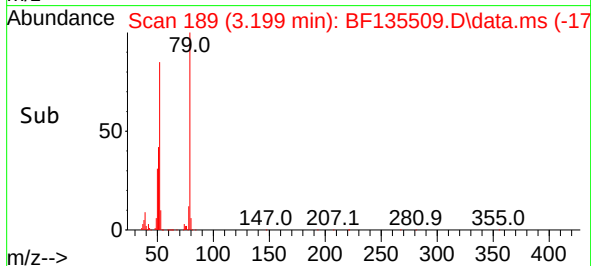
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



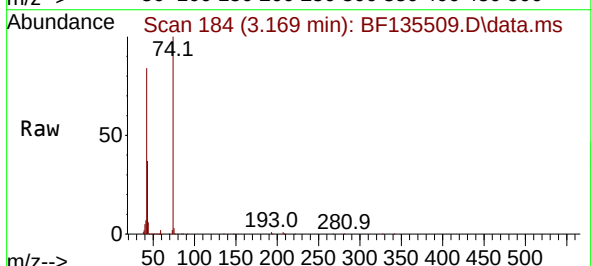
Tgt Ion: 79 Resp: 623190  
Ion Ratio Lower Upper  
79 100  
52 85.0 74.1 111.1  
51 42.3 35.8 53.8

Manual Integrations  
APPROVED

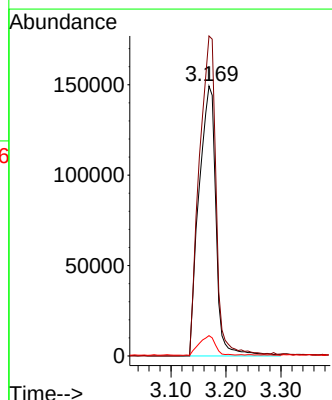
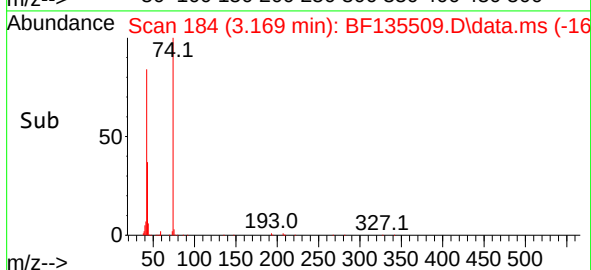
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

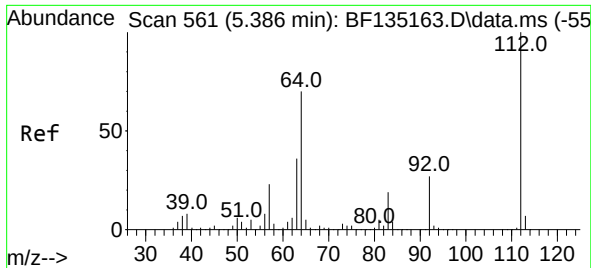


#4  
n-Nitrosodimethylamine  
Concen: 43.952 ng  
RT: 3.169 min Scan# 184  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion: 42 Resp: 320218  
Ion Ratio Lower Upper  
42 100  
74 118.6 87.7 131.5  
44 7.5 5.6 8.4





#5  
2-Fluorophenol  
Concen: 79.219 ng  
RT: 5.381 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

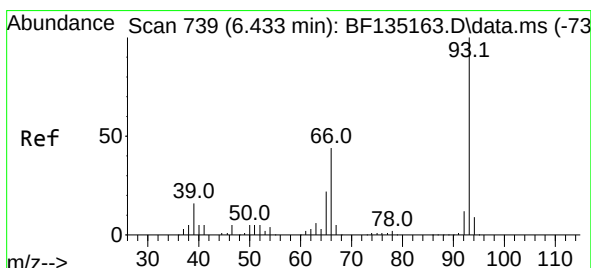
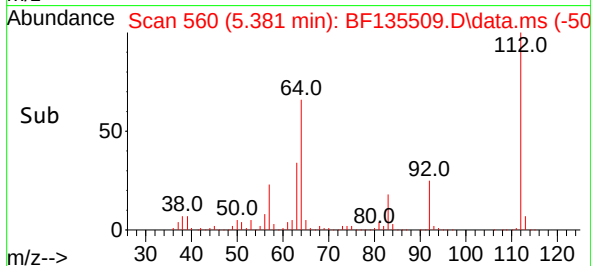
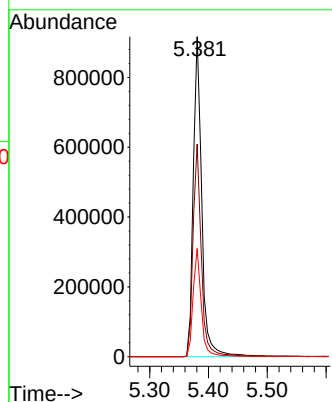
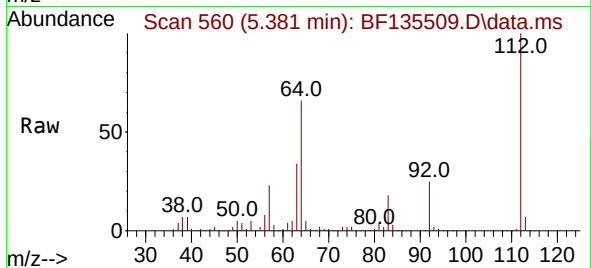
SSTDCCC040

Tgt Ion:112 Resp: 92183  
Ion Ratio Lower Upper  
112 100  
64 66.4 55.9 83.9  
63 33.8 29.0 43.6

Manual Integrations

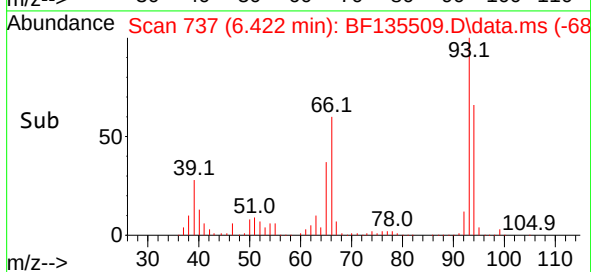
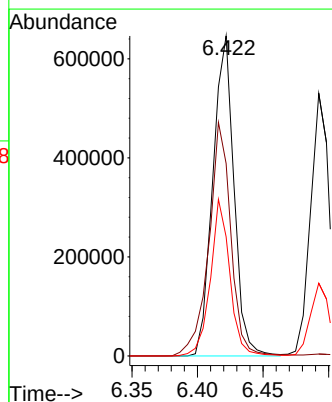
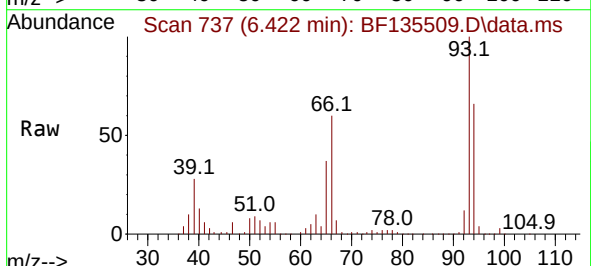
APPROVED

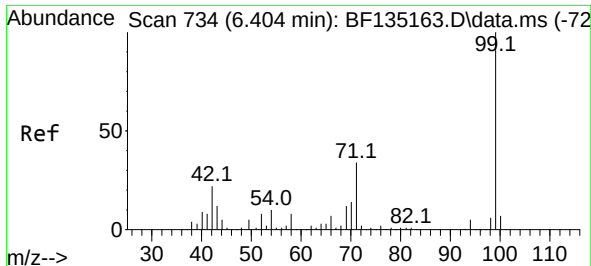
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#6  
Aniline  
Concen: 37.309 ng  
RT: 6.422 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

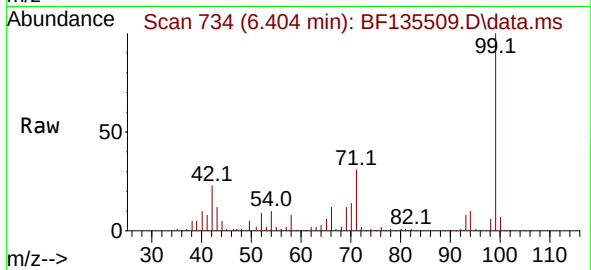
Tgt Ion: 93 Resp: 723917  
Ion Ratio Lower Upper  
93 100  
66 60.2 35.4 53.0#  
65 37.2 17.8 26.8#





#7  
Phenol-d6  
Concen: 76.960 ng  
RT: 6.404 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

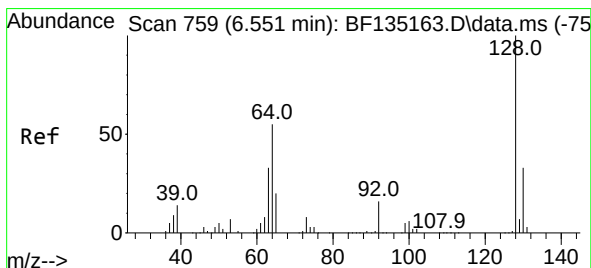
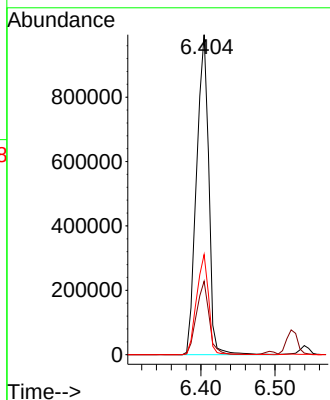
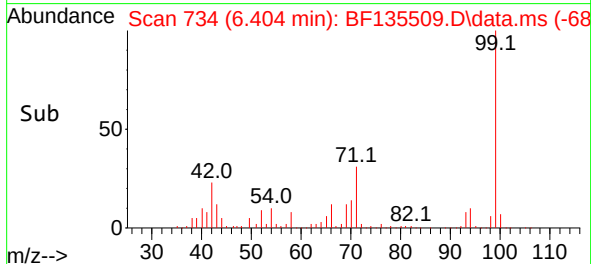
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 113874  
Ion Ratio Lower Upper  
99 100  
42 22.9 17.9 26.9  
71 31.3 27.0 40.6

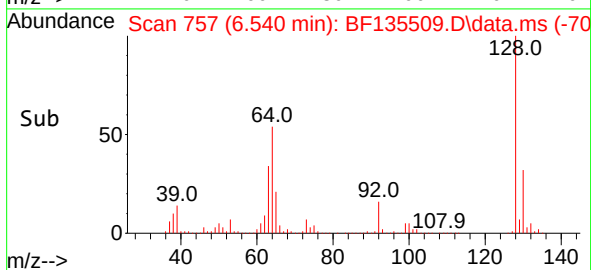
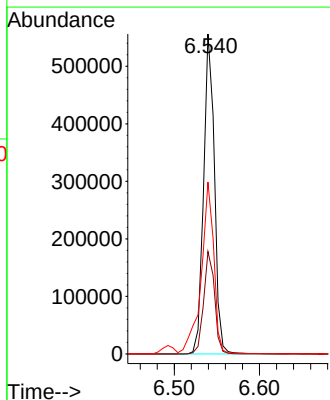
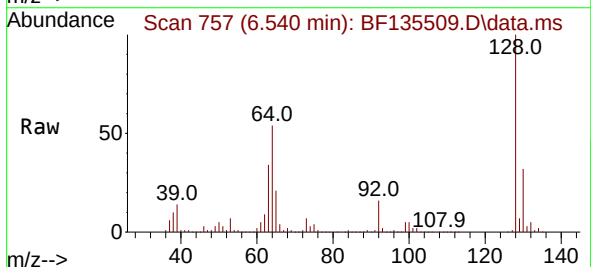
Manual Integrations  
APPROVED

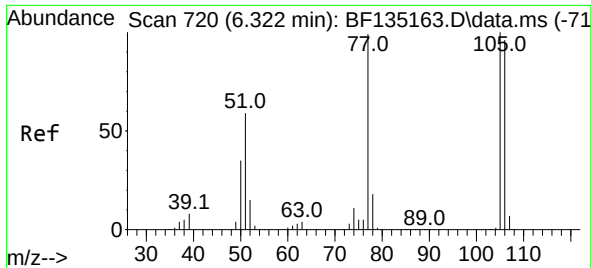
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#8  
2-Chlorophenol  
Concen: 39.534 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

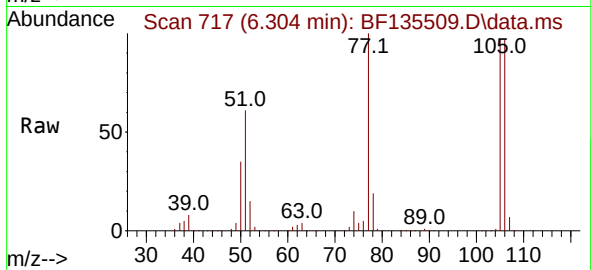
Tgt Ion:128 Resp: 491093  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.7 52.7  
64 53.7 35.9 75.9





#9  
Benzaldehyde  
Concen: 40.785 ng  
RT: 6.304 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

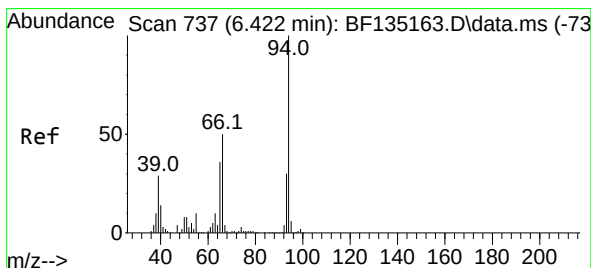
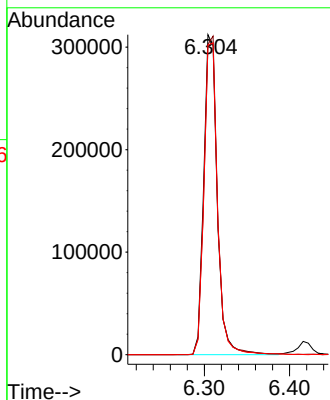
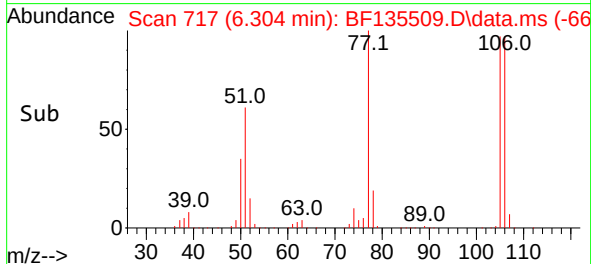
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



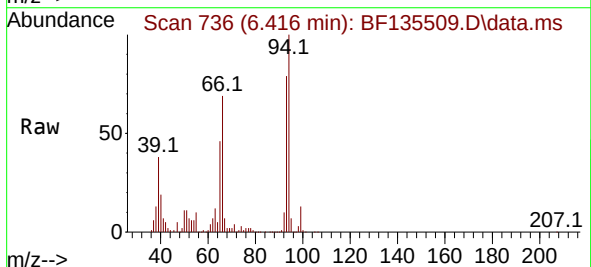
Tgt Ion: 77 Resp: 343784  
Ion Ratio Lower Upper  
77 100  
105 97.0 81.4 121.4  
106 96.7 76.9 116.9

Manual Integrations  
APPROVED

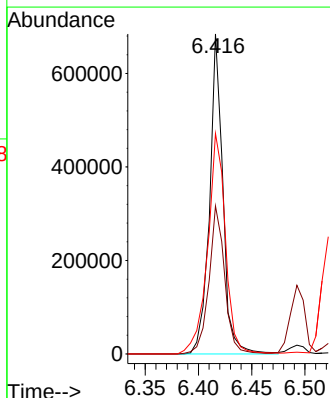
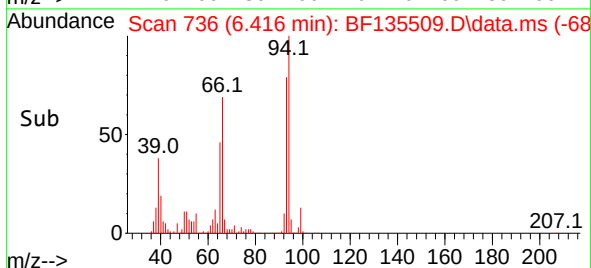
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



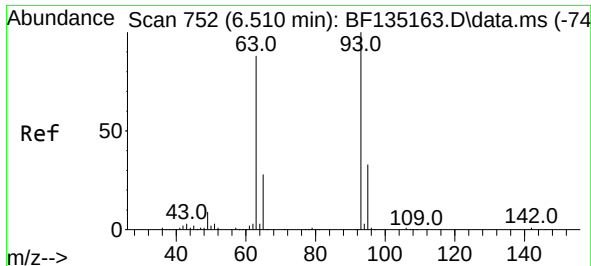
#10  
Phenol  
Concen: 36.909 ng  
RT: 6.416 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion: 94 Resp: 598846  
Ion Ratio Lower Upper  
94 100  
65 46.2 15.9 55.9  
66 68.9 29.8 69.8







#11

bis(2-Chloroethyl)ether

Concen: 42.066 ng

RT: 6.492 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 51196

Ion Ratio Lower Upper

93 100

63 88.5 67.3 107.3

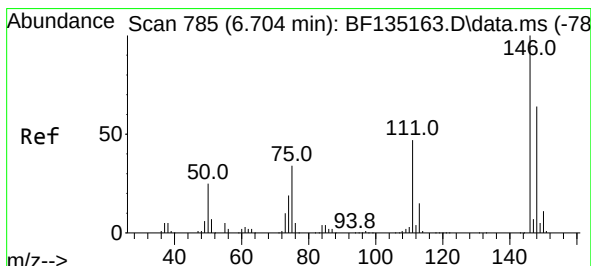
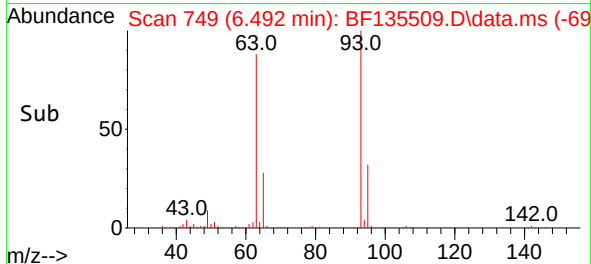
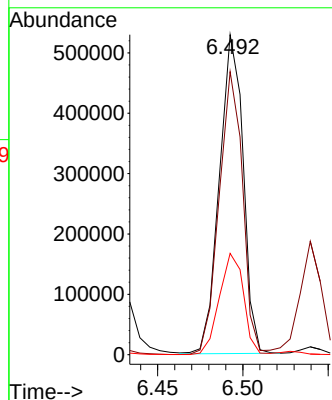
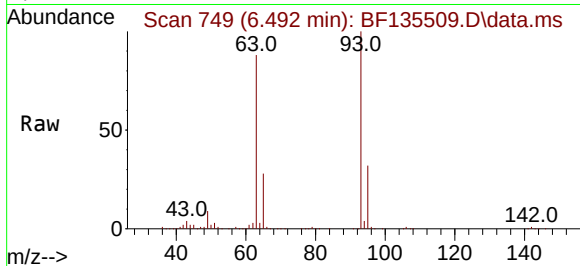
95 31.7 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#12

1,3-Dichlorobenzene

Concen: 38.586 ng

RT: 6.687 min Scan# 782

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

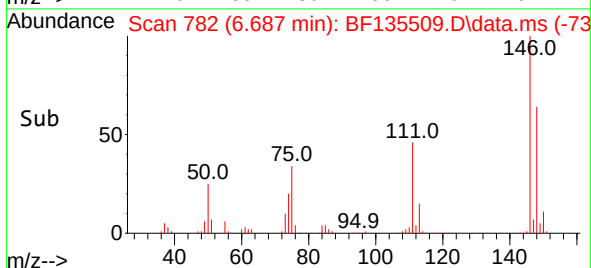
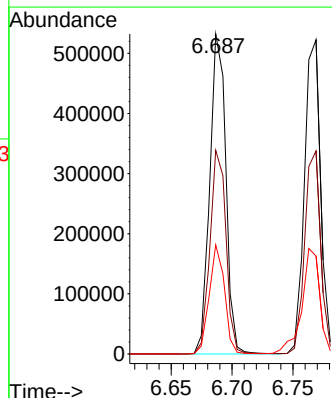
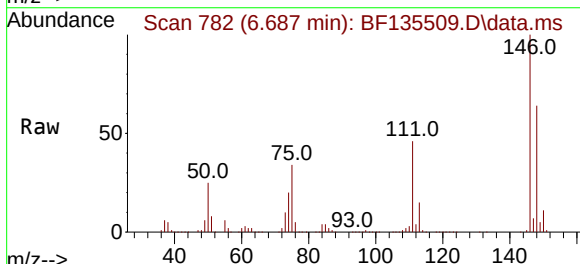
Tgt Ion:146 Resp: 487120

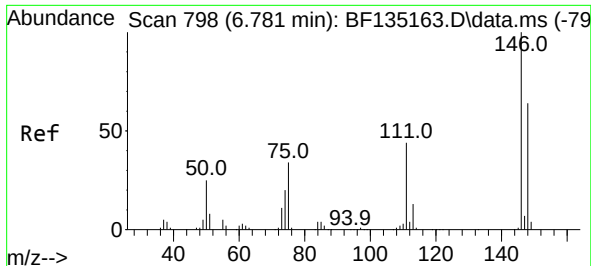
Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

75 34.1 27.4 41.2





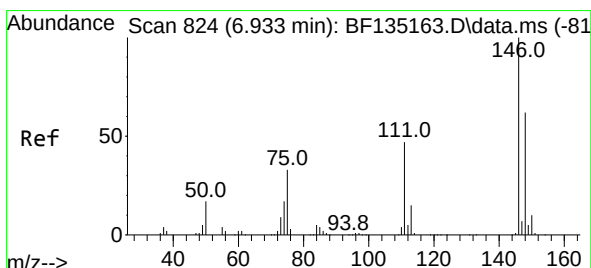
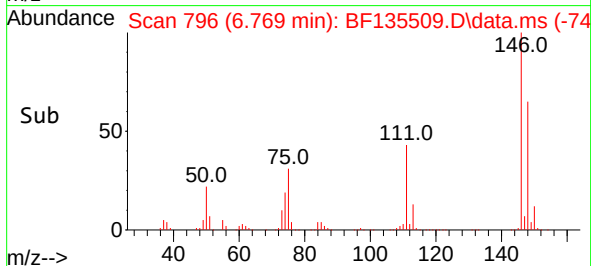
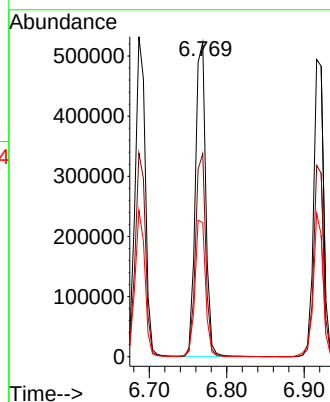
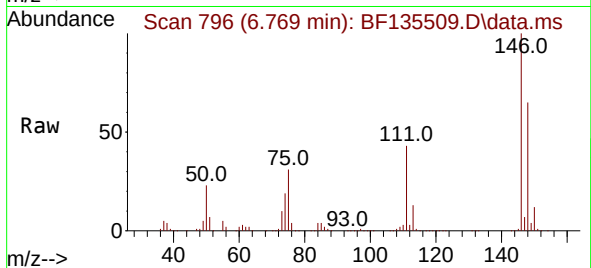
#13  
1,4-Dichlorobenzene  
Concen: 37.893 ng  
RT: 6.769 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 486702  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.3 76.9  
111 42.7 35.1 52.7

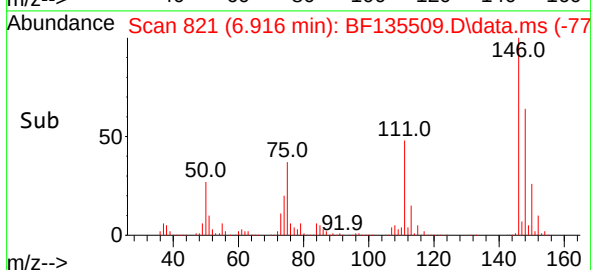
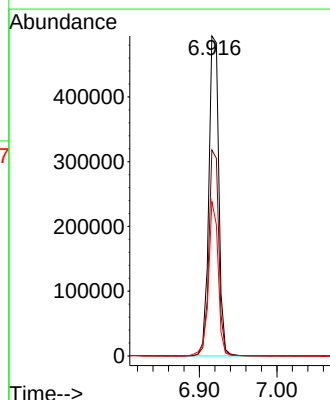
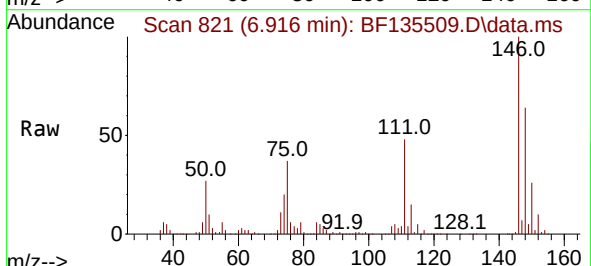
Manual Integrations  
APPROVED

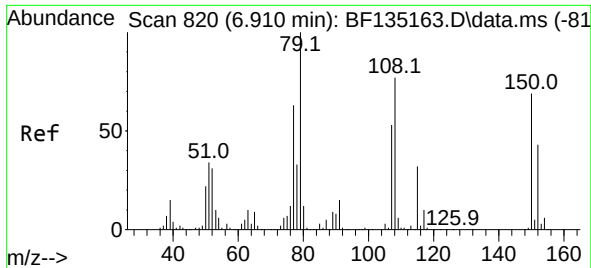
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#14  
1,2-Dichlorobenzene  
Concen: 36.987 ng  
RT: 6.916 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

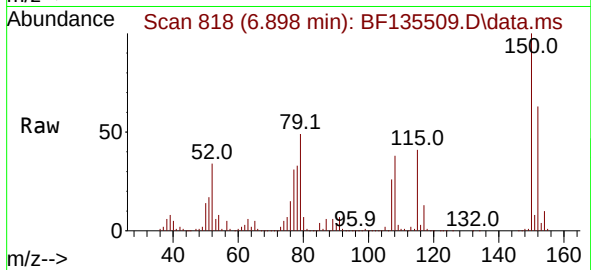
Tgt Ion:146 Resp: 441173  
Ion Ratio Lower Upper  
146 100  
148 64.4 49.7 74.5  
111 48.3 37.4 56.2





#15  
Benzyl Alcohol  
Concen: 34.851 ng  
RT: 6.898 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

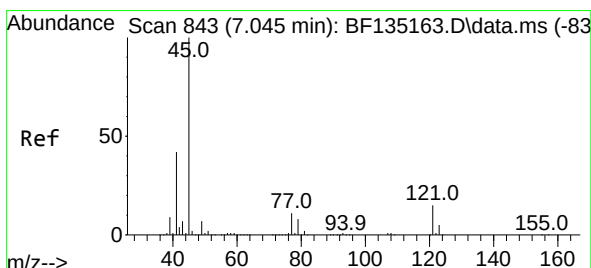
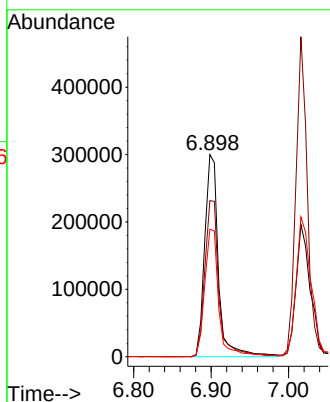
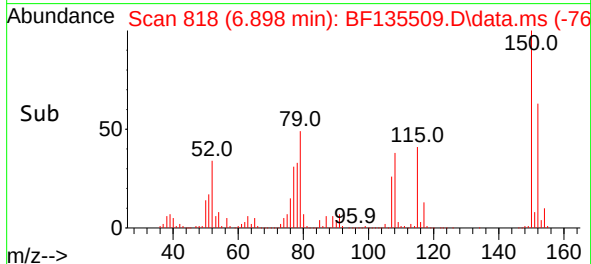
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 370040  
Ion Ratio Lower Upper  
79 100  
108 77.2 61.2 91.8  
77 63.2 50.5 75.7

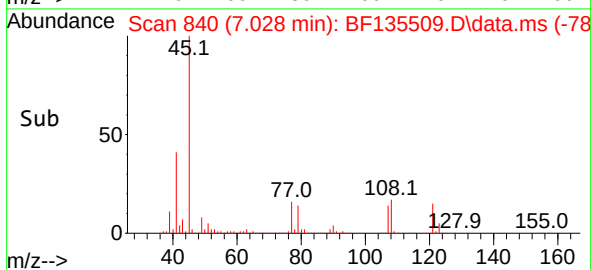
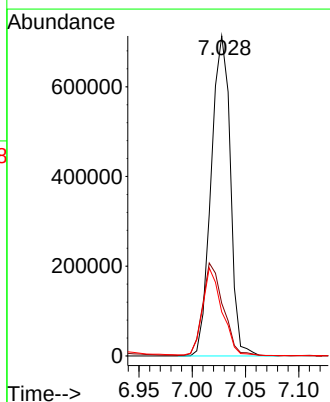
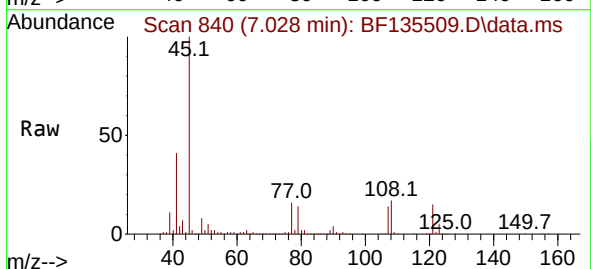
Manual Integrations  
APPROVED

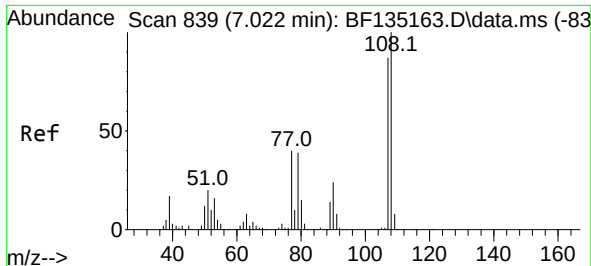
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.892 ng  
RT: 7.028 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

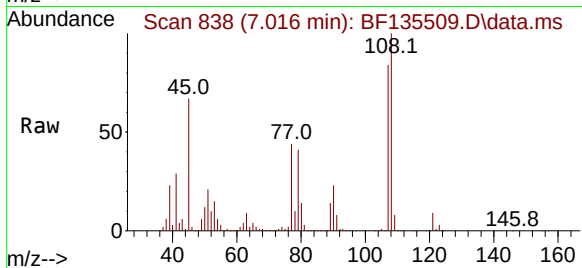
Tgt Ion: 45 Resp: 892203  
Ion Ratio Lower Upper  
45 100  
77 16.5 0.0 30.6  
79 13.8 0.0 28.3





#17  
2-Methylphenol  
Concen: 37.951 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

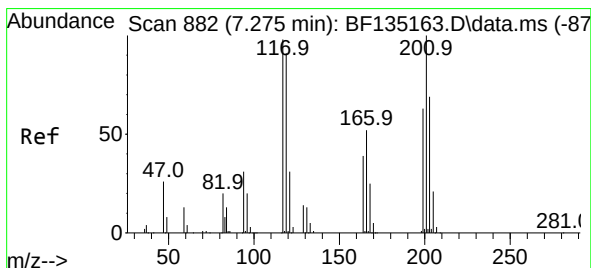
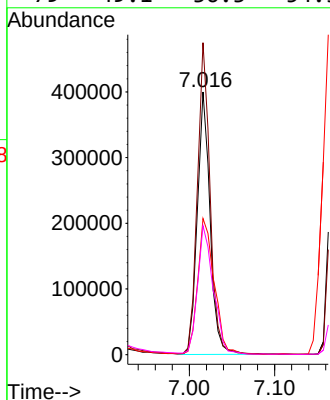
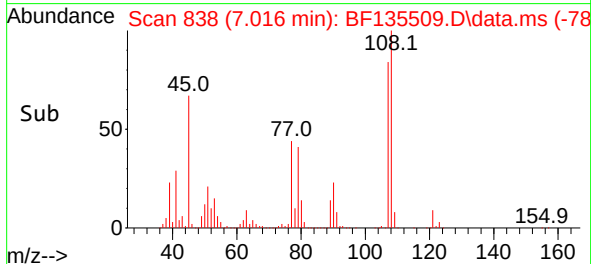
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



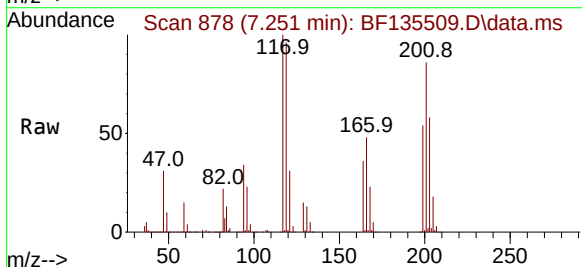
Tgt Ion:107 Resp: 41601  
Ion Ratio Lower Upper  
107 100  
108 118.8 92.0 138.0  
77 51.8 36.7 55.1  
79 49.1 36.3 54.5

Manual Integrations  
APPROVED

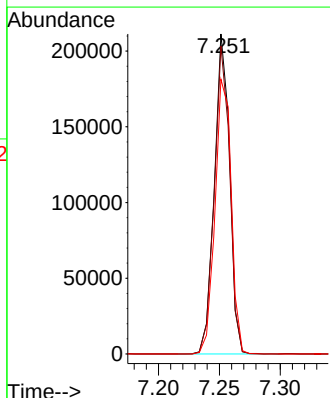
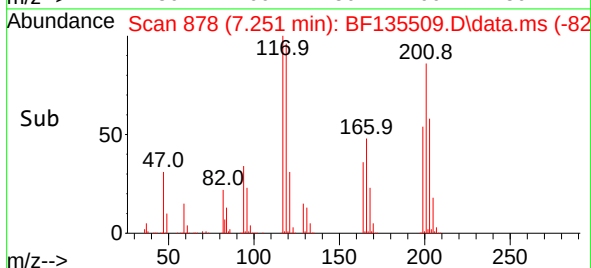
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

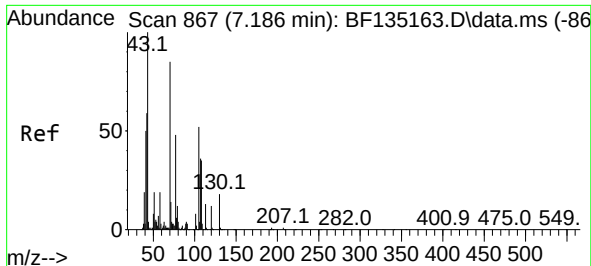


#18  
Hexachloroethane  
Concen: 38.950 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion:117 Resp: 184847  
Ion Ratio Lower Upper  
117 100  
119 96.3 74.7 112.1  
201 85.9 81.8 122.8





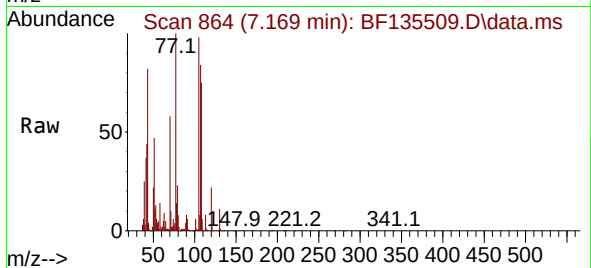
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.998 ng  
RT: 7.169 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

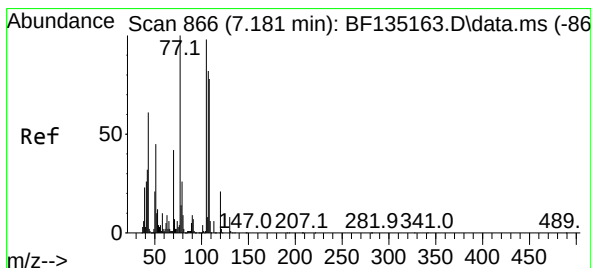
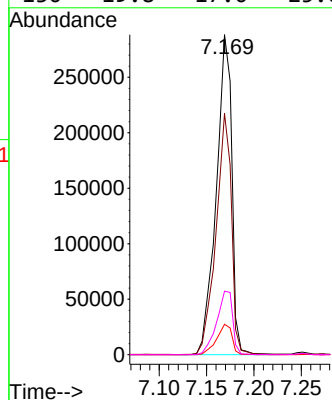
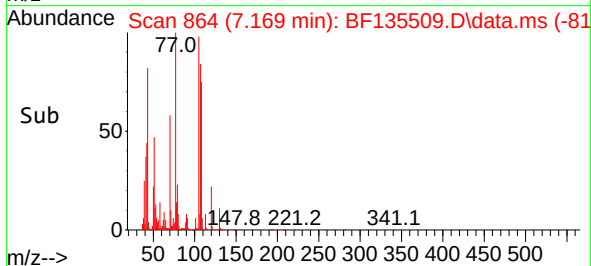


Tgt Ion: 70 Resp: 329910  
Ion Ratio Lower Upper  
70 100  
42 75.4 55.4 83.0  
101 9.5 7.7 11.5  
130 19.8 17.0 25.6

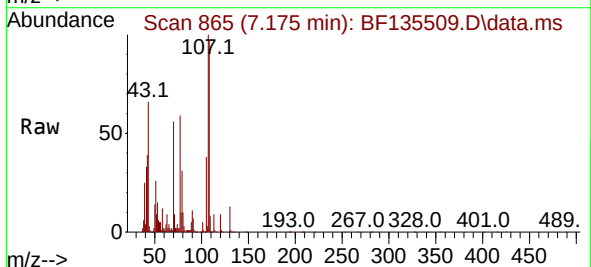
Manual Integrations

APPROVED

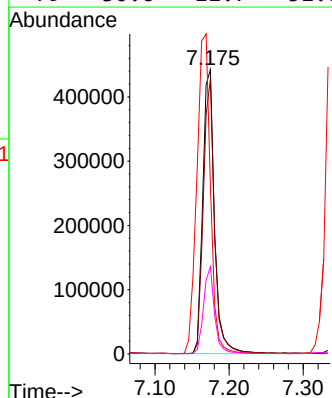
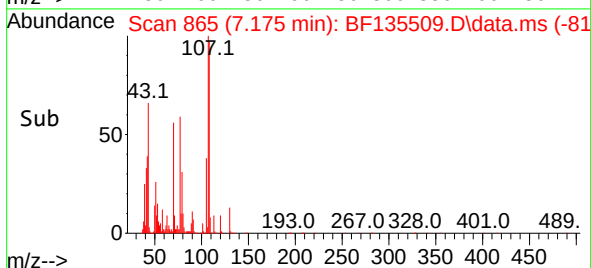
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

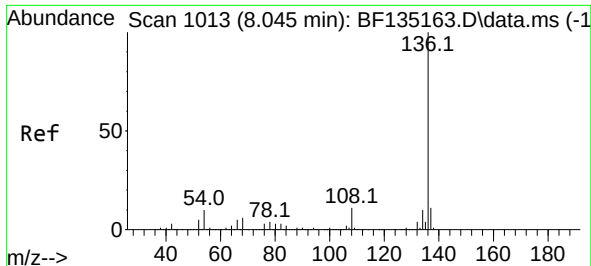


#20  
3+4-Methylphenols  
Concen: 36.960 ng  
RT: 7.175 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion:107 Resp: 487187  
Ion Ratio Lower Upper  
107 100  
108 96.7 74.7 114.7  
77 58.6 102.0 142.0#  
79 30.6 11.7 51.7





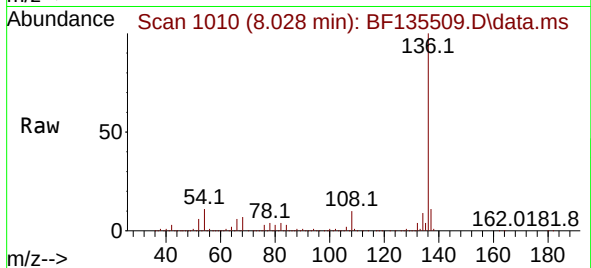
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.028 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

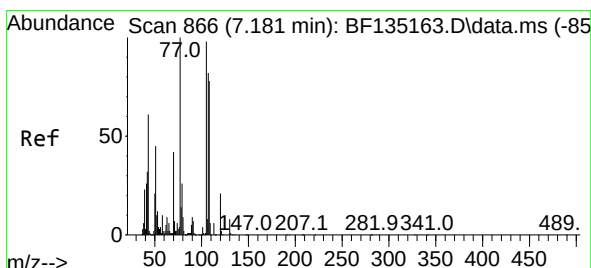
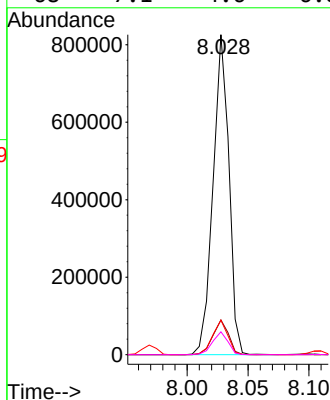
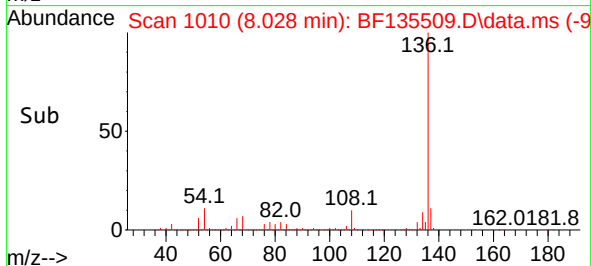


Tgt Ion:136 Resp: 74985  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 10.8 7.7 11.5  
68 7.1 4.6 6.8#

Manual Integrations

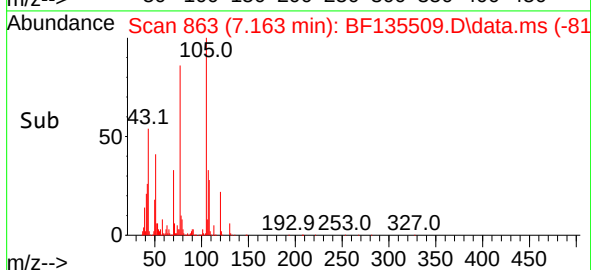
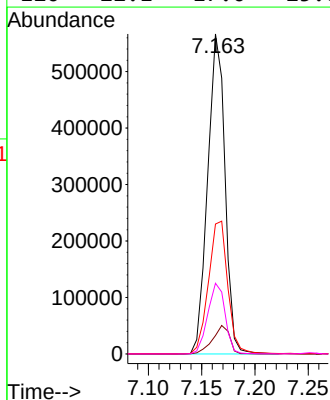
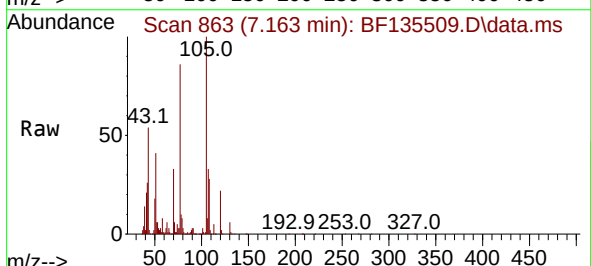
APPROVED

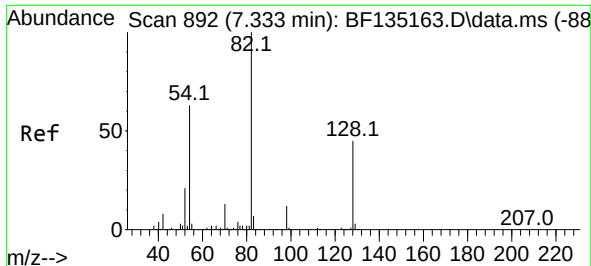
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#22  
Acetophenone  
Concen: 37.393 ng  
RT: 7.163 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:105 Resp: 641055  
Ion Ratio Lower Upper  
105 100  
71 5.8 5.8 8.6  
51 40.6 37.0 55.4  
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.715 ng

RT: 7.322 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1072624

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

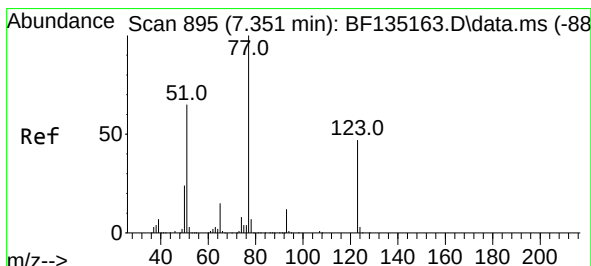
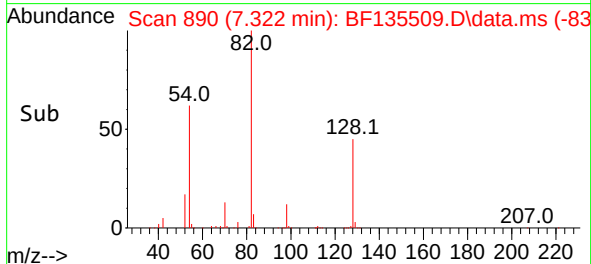
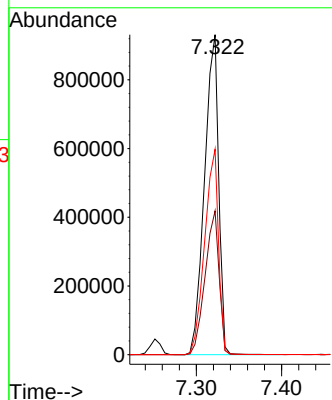
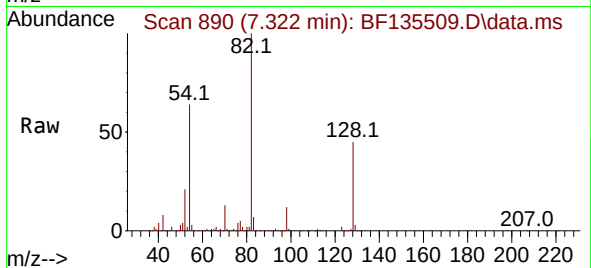
54 64.2 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#24

Nitrobenzene

Concen: 39.680 ng

RT: 7.339 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

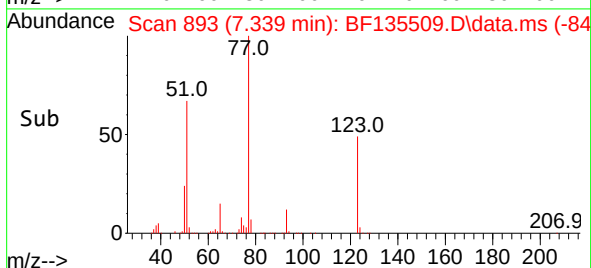
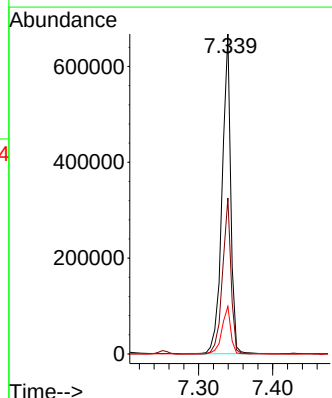
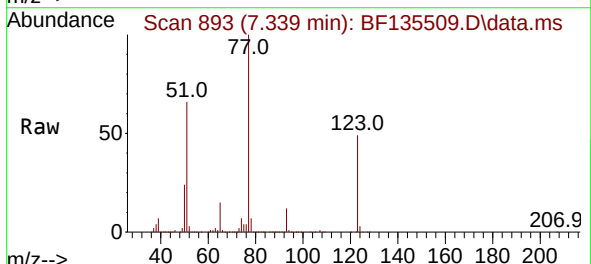
Tgt Ion: 77 Resp: 541311

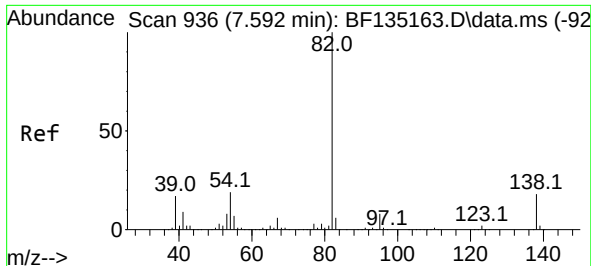
Ion Ratio Lower Upper

77 100

123 48.8 37.6 56.4

65 14.9 12.2 18.4





#25  
Isophorone  
Concen: 40.411 ng  
RT: 7.575 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

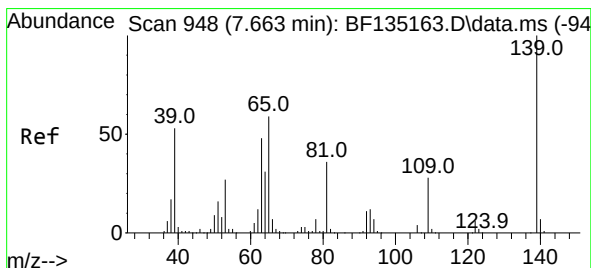
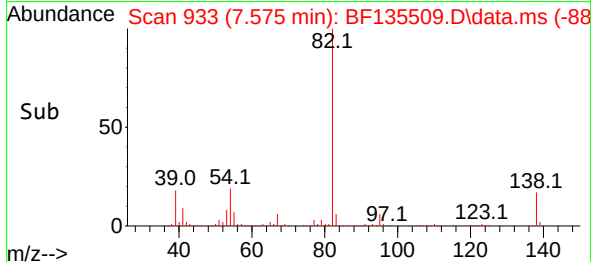
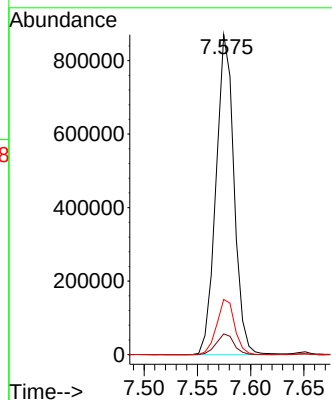
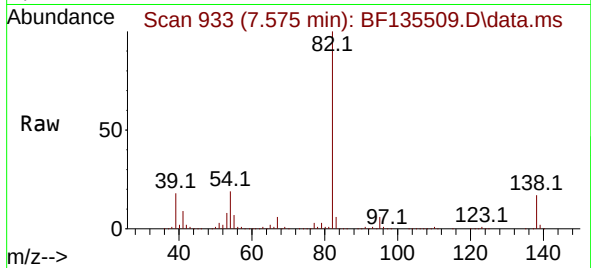
SSTDCCC040

Tgt Ion: 82 Resp: 1024179  
Ion Ratio Lower Upper  
82 100  
95 6.5 6.0 9.0  
138 17.2 14.5 21.7

Manual Integrations

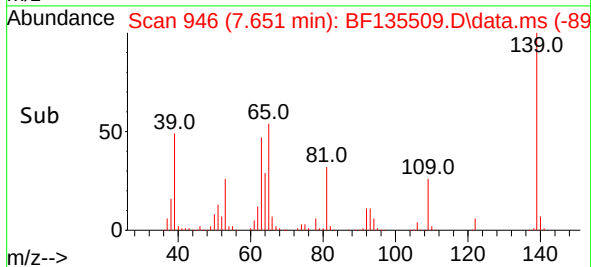
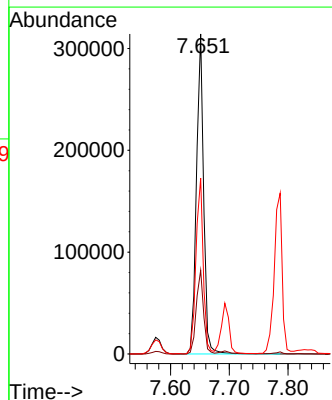
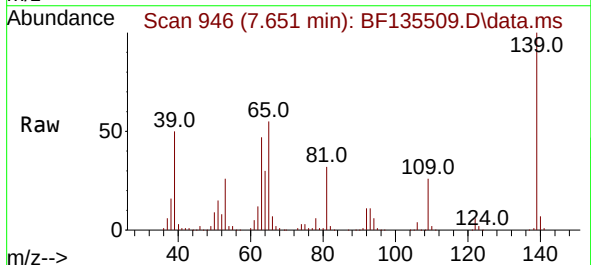
APPROVED

Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

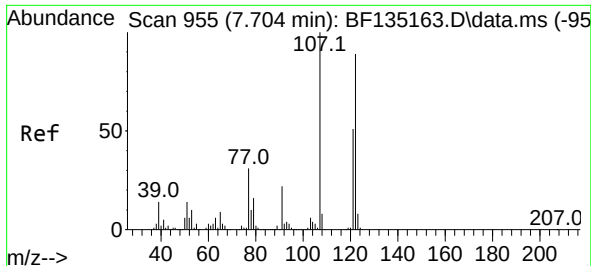


#26  
2-Nitrophenol  
Concen: 41.017 ng  
RT: 7.651 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:139 Resp: 268552  
Ion Ratio Lower Upper  
139 100  
109 26.2 22.6 33.8  
65 55.0 47.0 70.4







#27

2,4-Dimethylphenol

Concen: 39.231 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135509.D

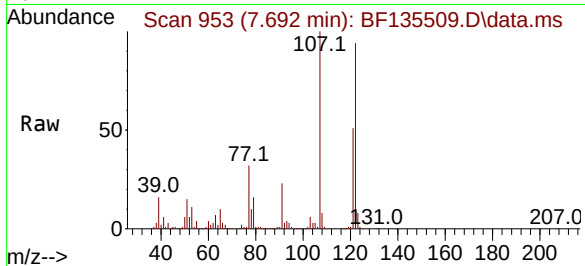
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



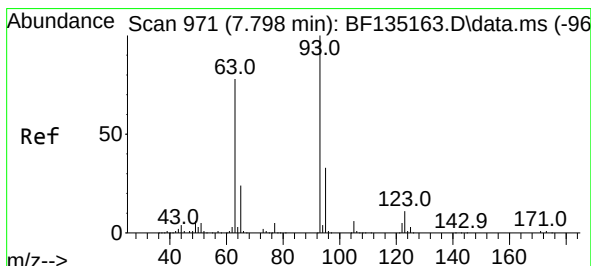
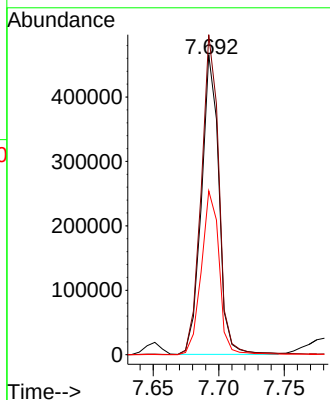
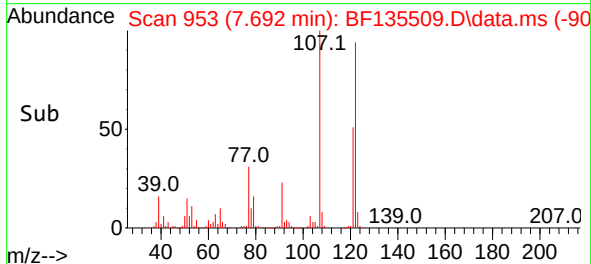
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 106.6 | 90.2  | 135.4 |
| 121     | 54.6  | 46.3  | 69.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.814 ng

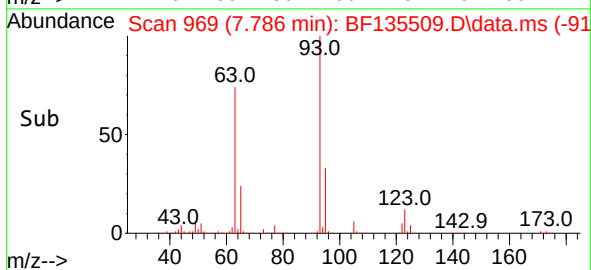
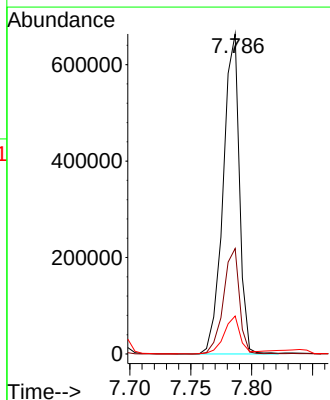
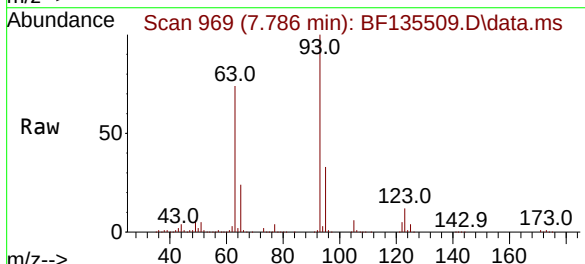
RT: 7.786 min Scan# 969

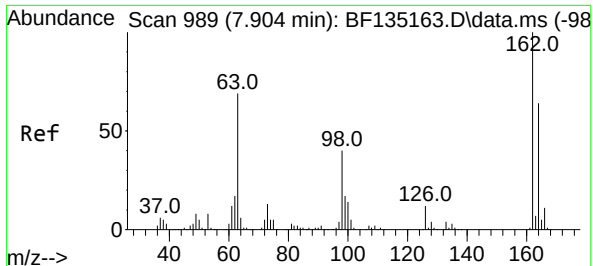
Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 26.2  | 39.2  |
| 123     | 11.9  | 8.8   | 13.2  |





#29

2,4-Dichlorophenol

Concen: 38.741 ng

RT: 7.898 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

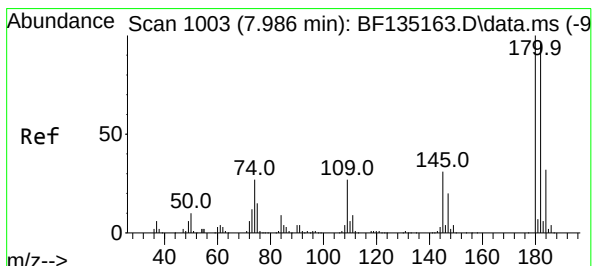
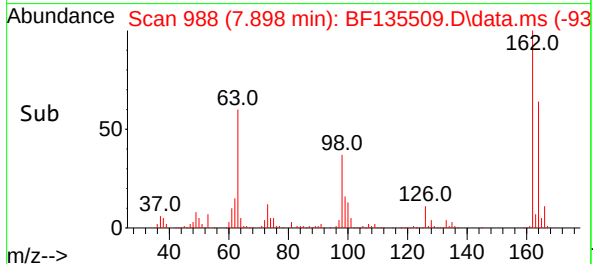
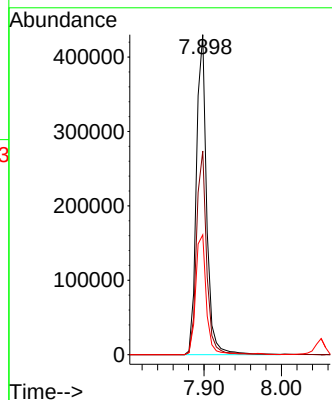
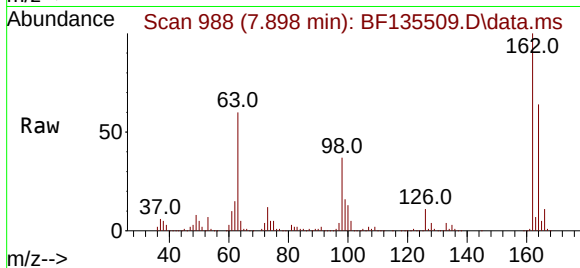
Tgt Ion:162 Resp: 395064  
 Ion Ratio Lower Upper  
 162 100  
 164 63.7 44.1 84.1  
 98 37.5 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.117 ng

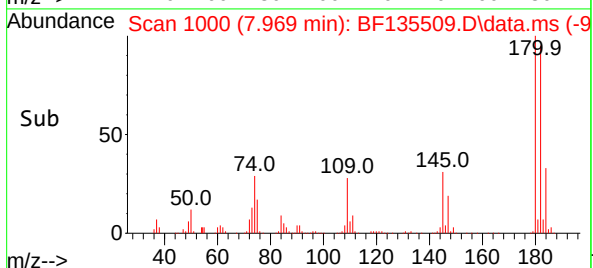
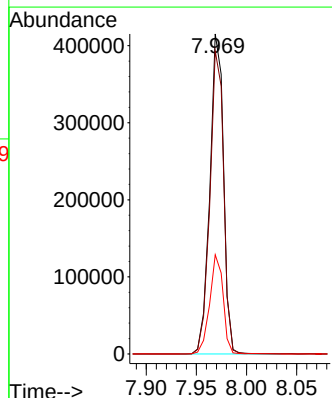
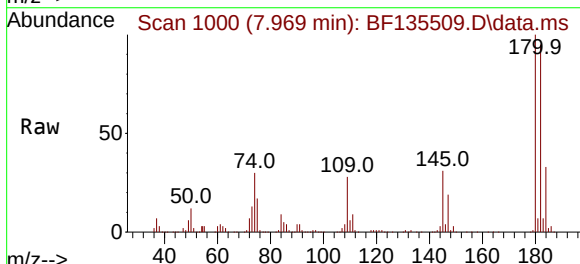
RT: 7.969 min Scan# 1000

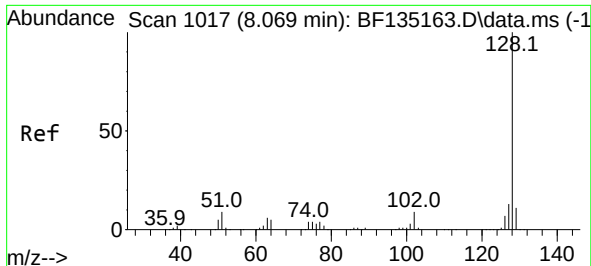
Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Tgt Ion:180 Resp: 395626  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 76.9 115.3  
 145 31.0 24.5 36.7





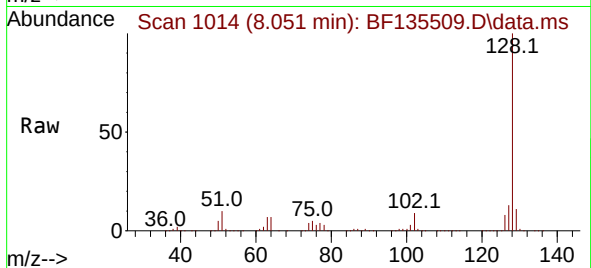
#31  
Naphthalene  
Concen: 38.187 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



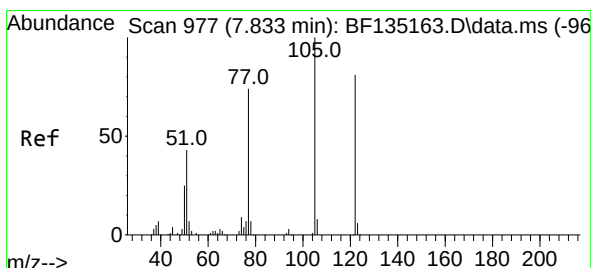
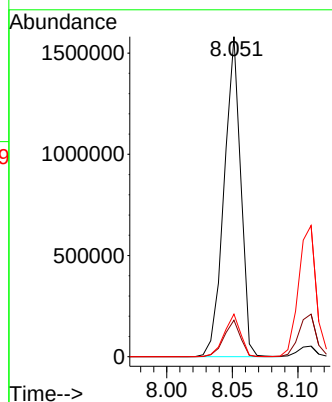
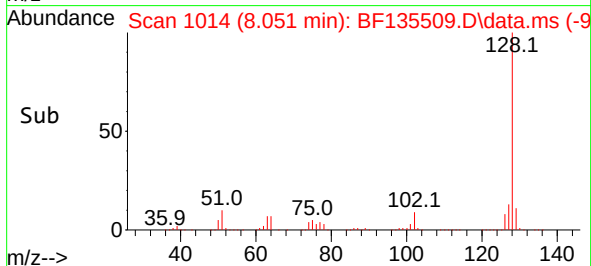
Tgt Ion:128 Resp: 139126  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.7 13.1  
127 13.3 10.7 16.1

Manual Integrations

APPROVED

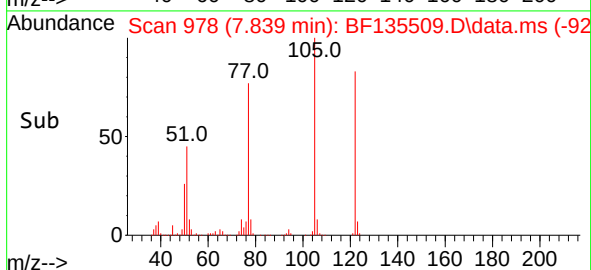
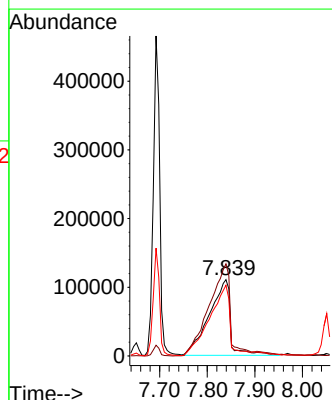
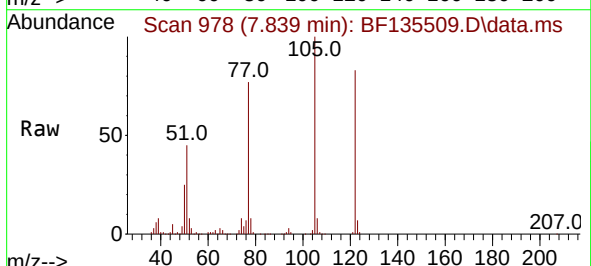
Reviewed By :Yogesh Patel 10/04/2023

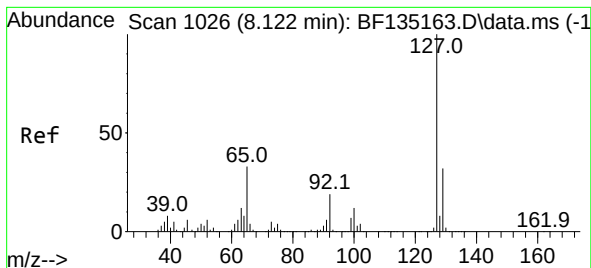
Supervised By :mohammad ahmed 10/05/2023



#32  
Benzoic acid  
Concen: 41.397 ng m  
RT: 7.839 min Scan# 978  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:122 Resp: 343061  
Ion Ratio Lower Upper  
122 100  
105 121.0 99.9 139.9  
77 92.7 70.0 110.0





#33

4-Chloroaniline

Concen: 39.157 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 625910

Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 31.9 26.6 39.8

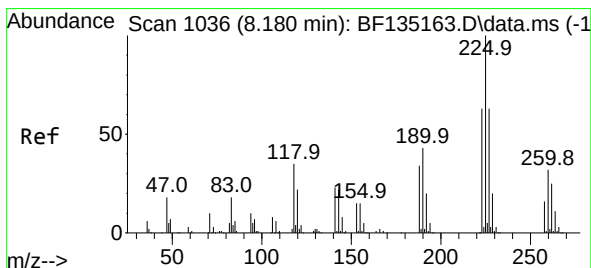
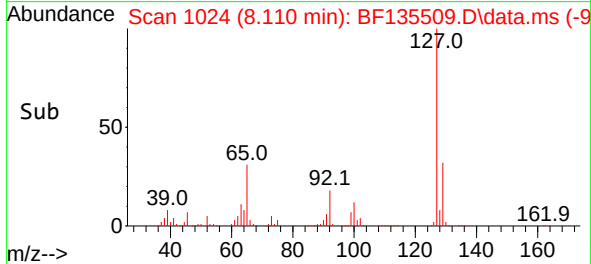
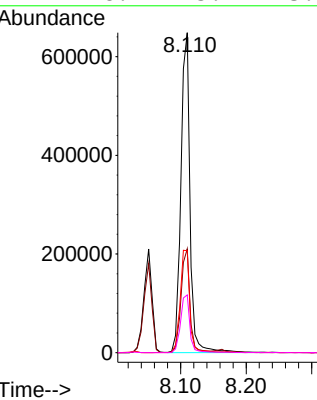
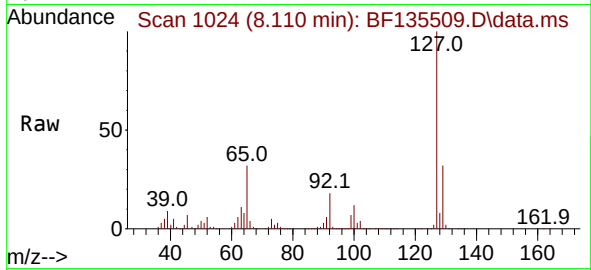
92 18.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#34

Hexachlorobutadiene

Concen: 35.483 ng

RT: 8.163 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

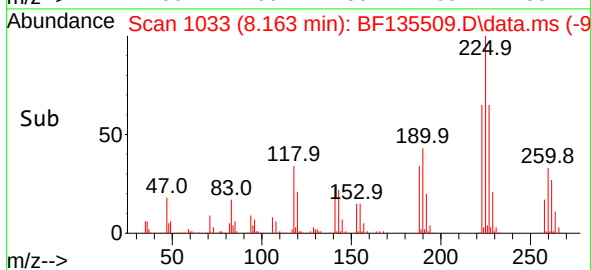
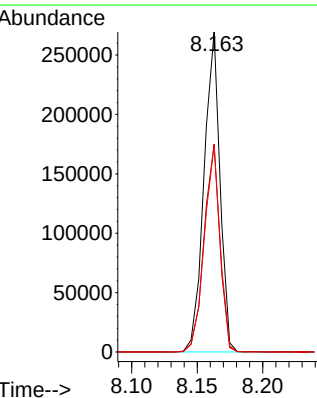
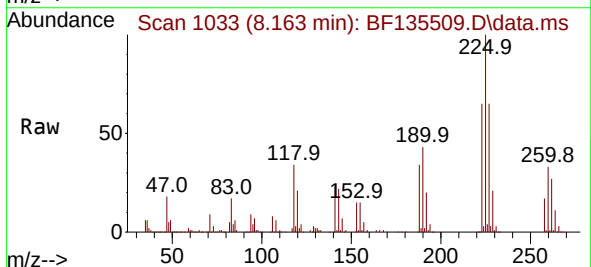
Tgt Ion:225 Resp: 228055

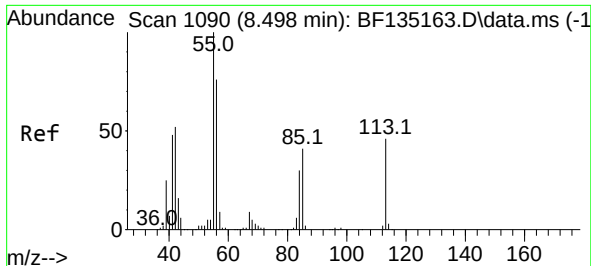
Ion Ratio Lower Upper

225 100

223 64.9 50.6 75.8

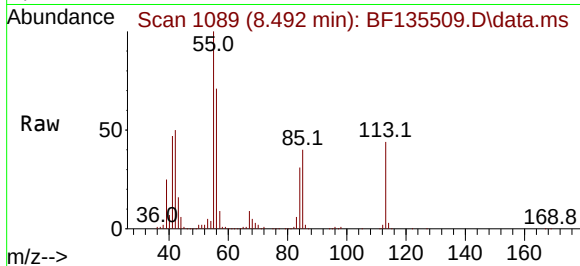
227 64.7 50.8 76.2





#35  
Caprolactam  
Concen: 42.629 ng m  
RT: 8.492 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

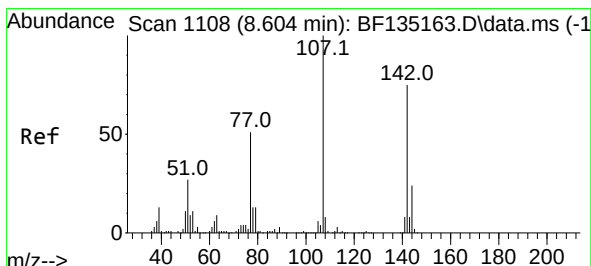
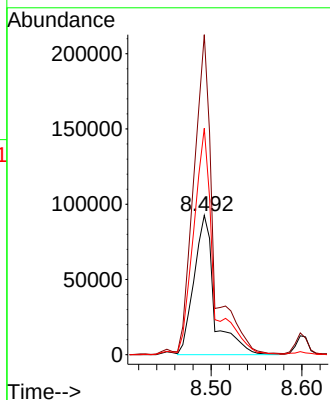
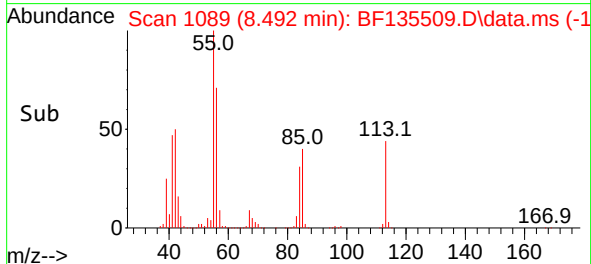
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 145898  
Ion Ratio Lower Upper  
113 100  
55 229.6 199.3 239.3  
56 162.5 146.3 186.3

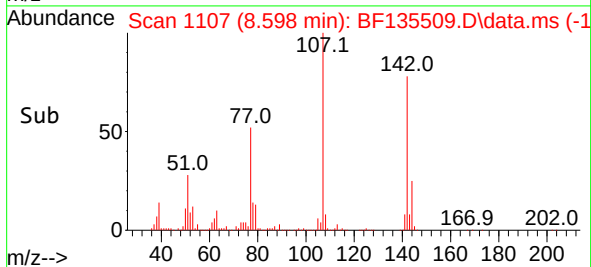
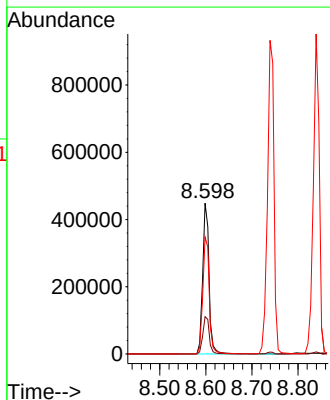
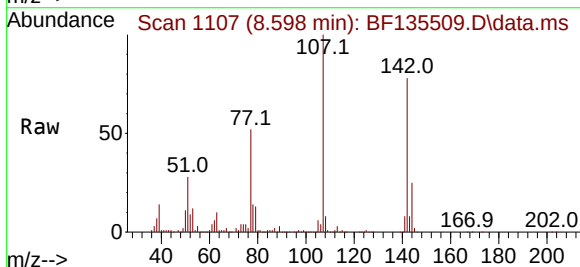
Manual Integrations  
APPROVED

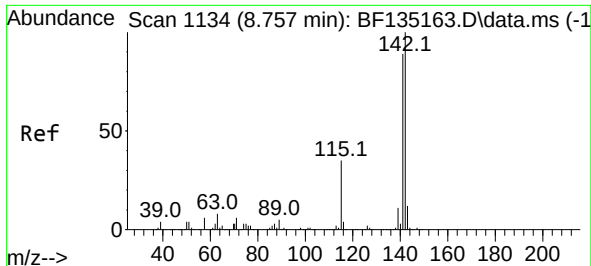
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#36  
4-Chloro-3-methylphenol  
Concen: 38.181 ng  
RT: 8.598 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:107 Resp: 432739  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.0 28.4  
142 77.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 36.876 ng

RT: 8.739 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 90309

Ion Ratio Lower Upper

142 100

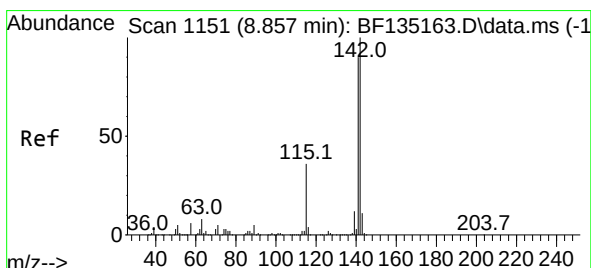
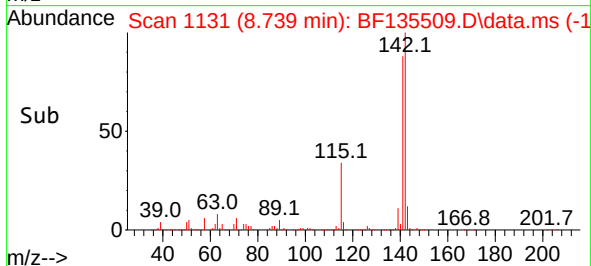
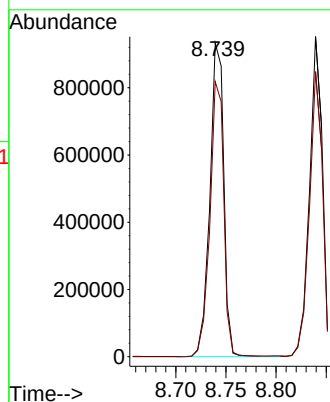
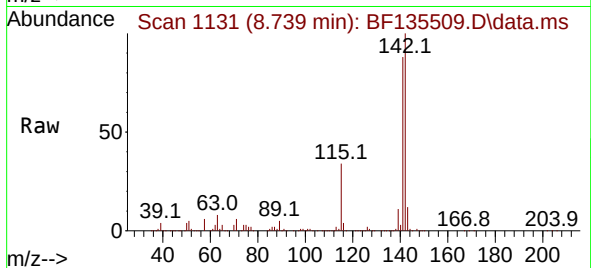
141 87.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#38

1-Methylnaphthalene

Concen: 36.902 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF135509.D

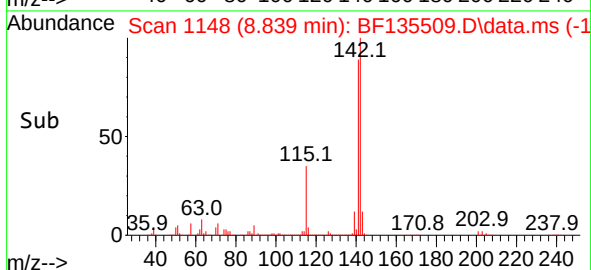
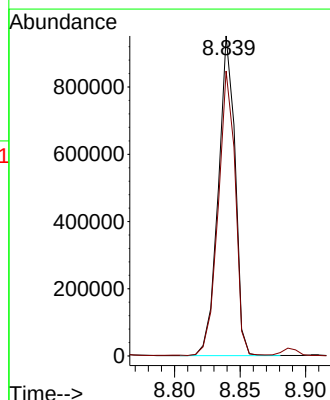
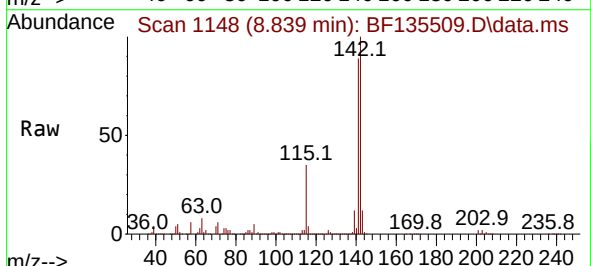
Acq: 29 Sep 2023 09:33

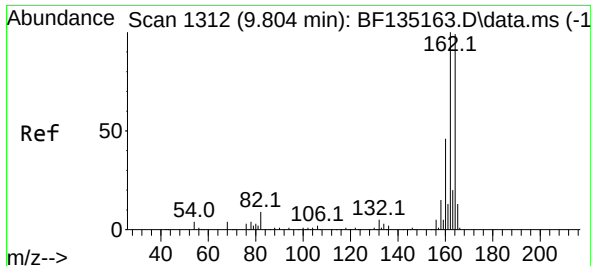
Tgt Ion:142 Resp: 846120

Ion Ratio Lower Upper

142 100

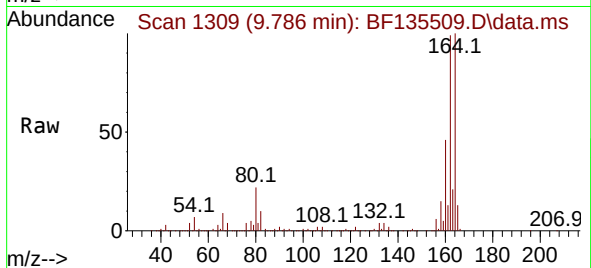
141 89.0 72.4 108.6





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.786 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

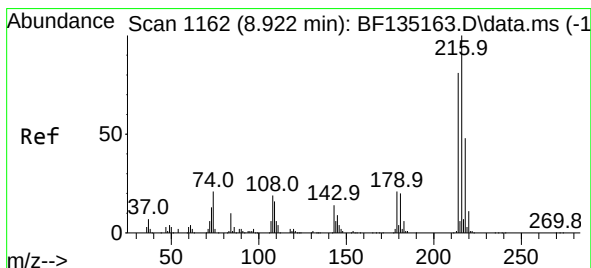
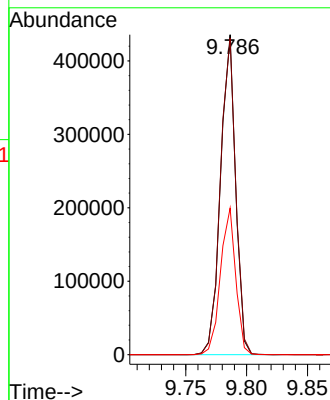
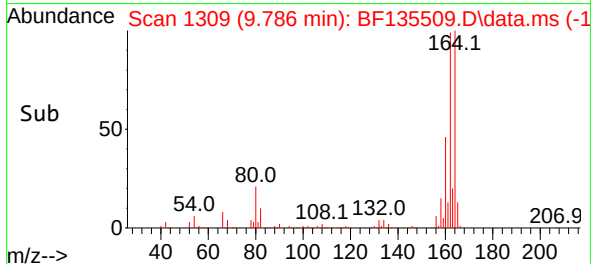
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



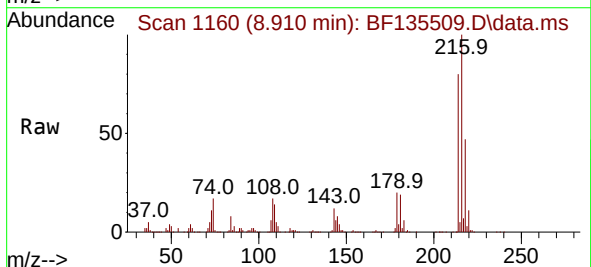
Tgt Ion:164 Resp: 375128  
Ion Ratio Lower Upper  
164 100  
162 99.0 81.0 121.4  
160 45.8 37.0 55.4

Manual Integrations  
APPROVED

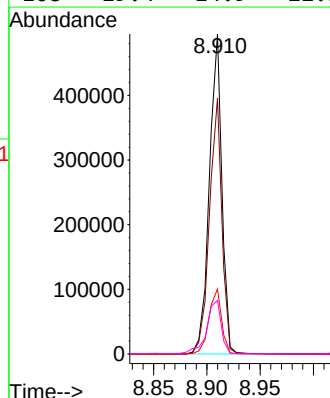
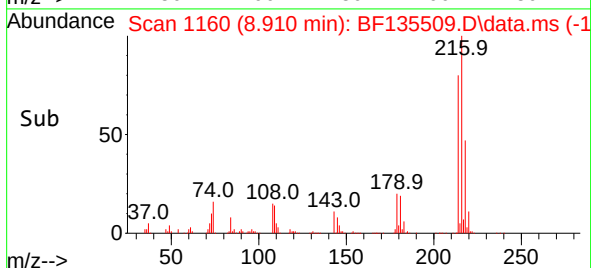
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

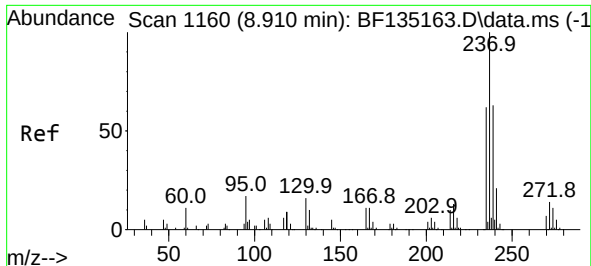


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.407 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion:216 Resp: 406527  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.7 95.5  
179 20.6 16.7 25.1  
108 19.4 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 35.697 ng  
RT: 8.892 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

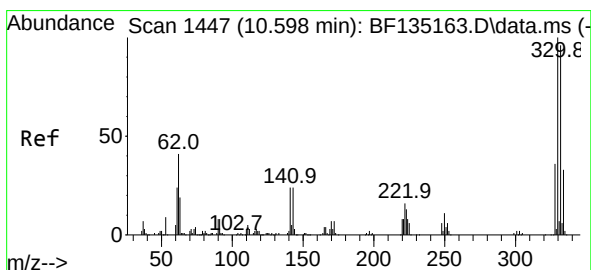
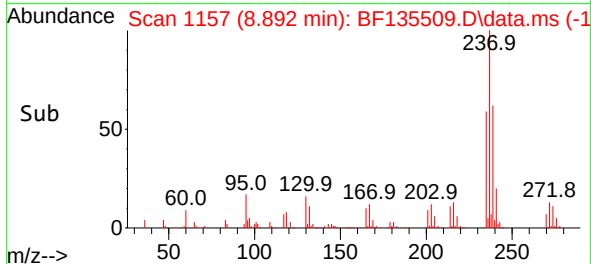
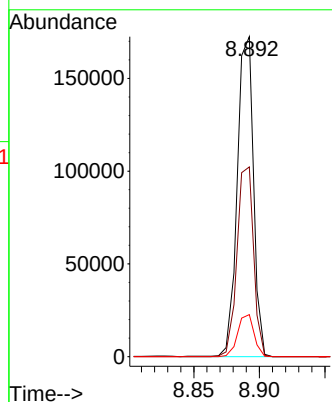
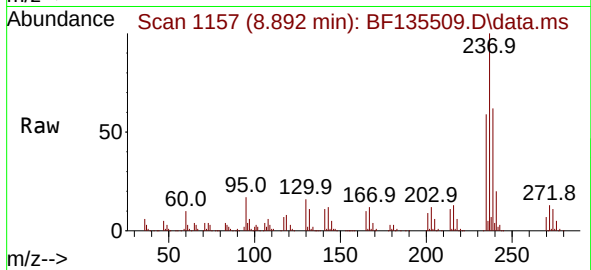
SSTDCCC040

Tgt Ion:237 Resp: 14936  
Ion Ratio Lower Upper  
237 100  
235 59.3 41.8 81.8  
272 13.2 0.0 33.6

Manual Integrations

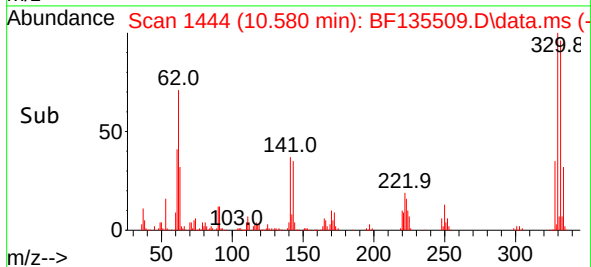
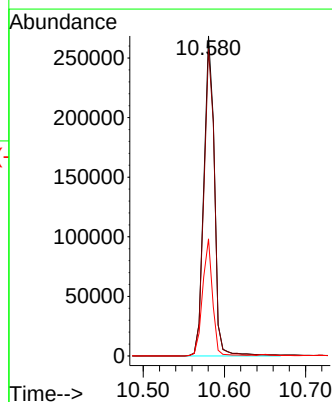
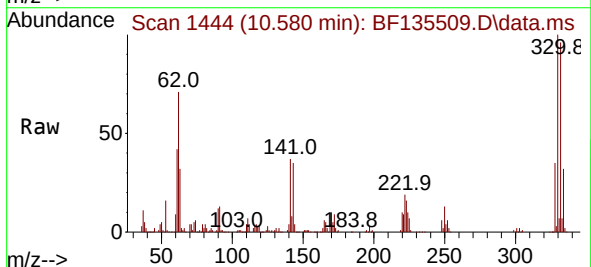
APPROVED

Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

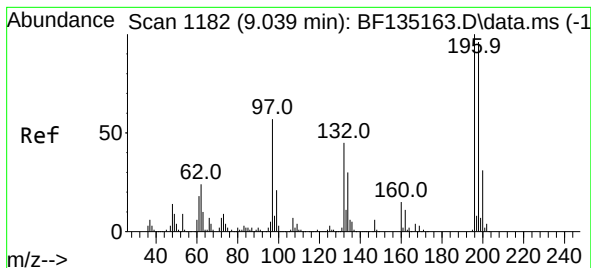


#42  
2,4,6-Tribromophenol  
Concen: 65.086 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:330 Resp: 242631  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.3 115.9  
141 34.6 25.8 38.8







#43

2,4,6-Trichlorophenol

Concen: 38.019 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 27052

Ion Ratio Lower Upper

196 100

198 94.5 77.0 115.6

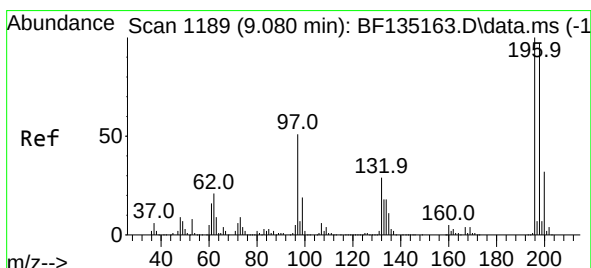
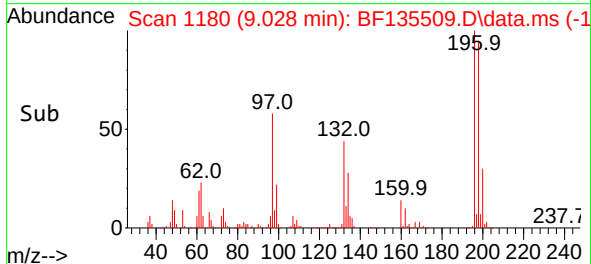
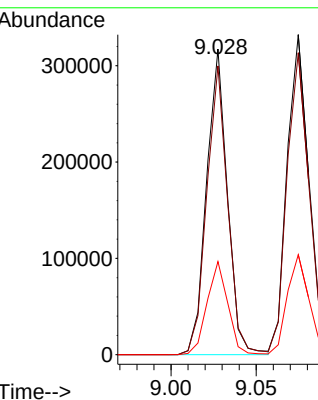
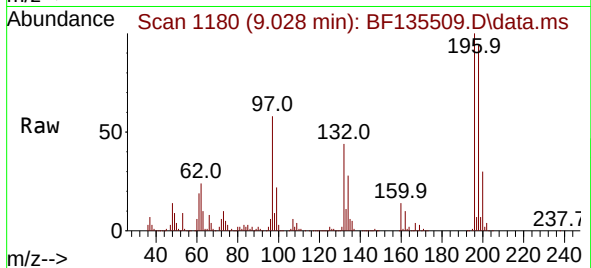
200 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#44

2,4,5-Trichlorophenol

Concen: 38.025 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Tgt Ion:196 Resp: 311591

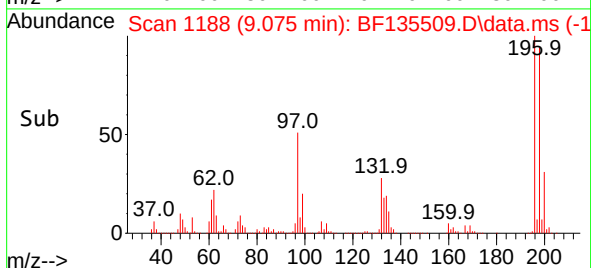
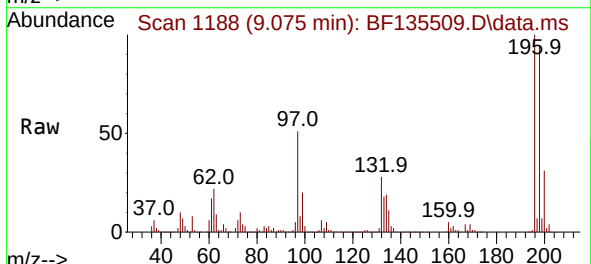
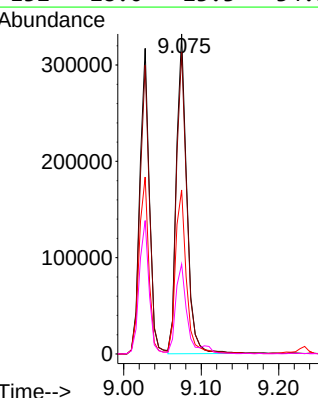
Ion Ratio Lower Upper

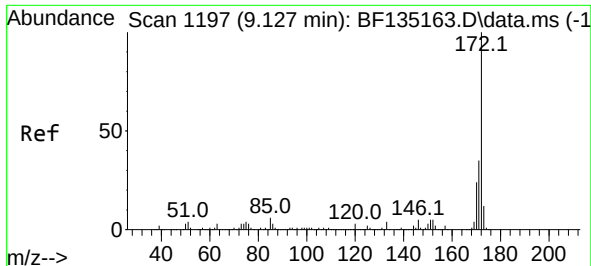
196 100

198 94.4 77.5 116.3

97 51.3 40.5 60.7

132 28.0 23.3 34.9





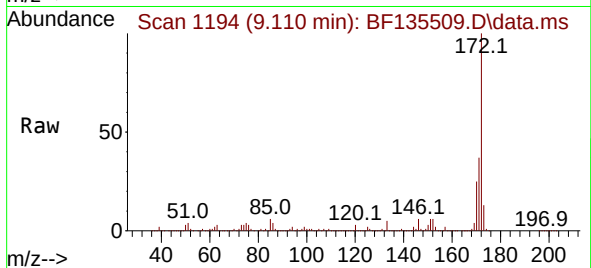
#45  
2-Fluorobiphenyl  
Concen: 66.352 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

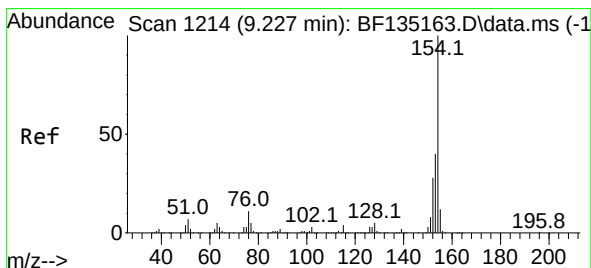
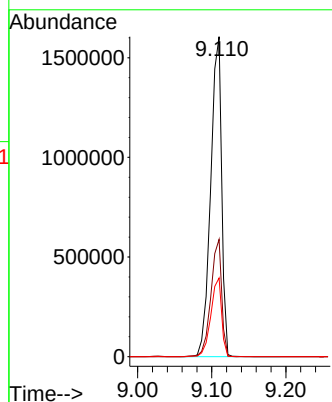
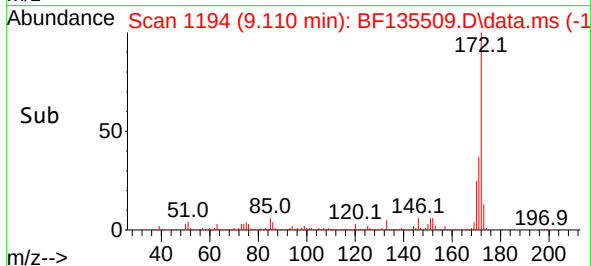


Tgt Ion:172 Resp: 1649770  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.4 42.6  
170 24.6 19.0 28.4

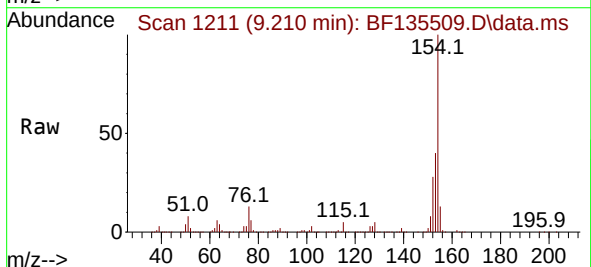
Manual Integrations

APPROVED

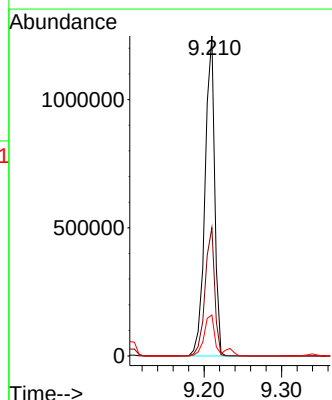
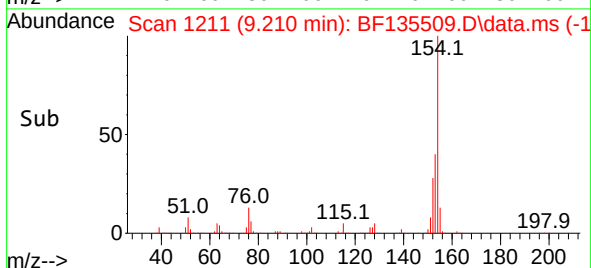
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

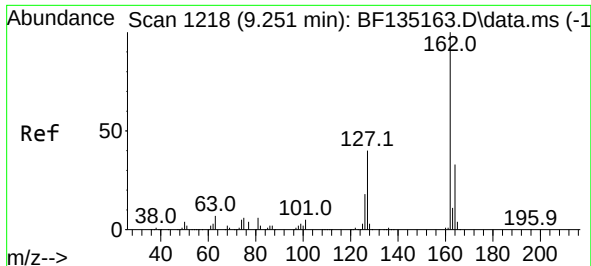


#46  
1,1'-Biphenyl  
Concen: 37.413 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion:154 Resp: 1078551  
Ion Ratio Lower Upper  
154 100  
153 40.1 19.6 59.6  
76 12.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 38.082 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

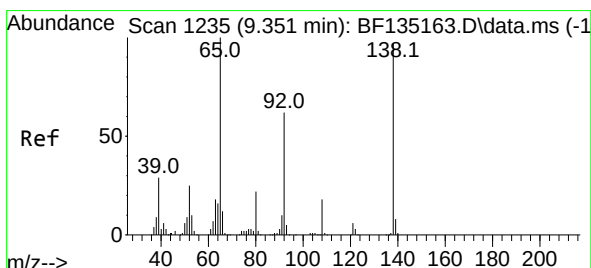
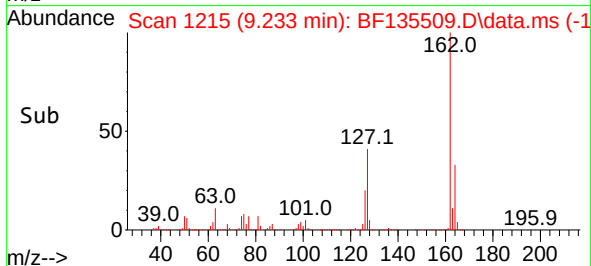
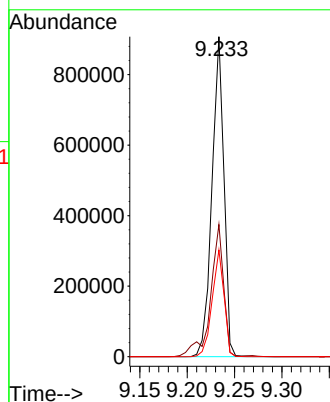
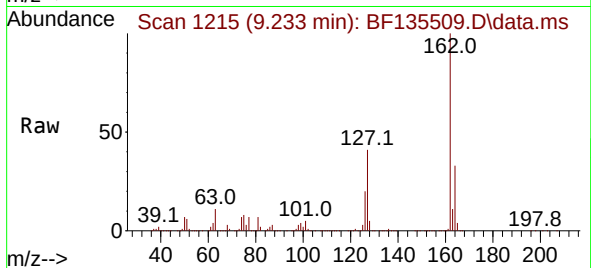
SSTDCCC040

Tgt Ion: 162 Resp: 796530  
 Ion Ratio Lower Upper  
 162 100  
 127 41.3 32.6 48.8  
 164 33.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023  
 Supervised By :mohammad ahmed 10/05/2023



#48

2-Nitroaniline

Concen: 40.588 ng

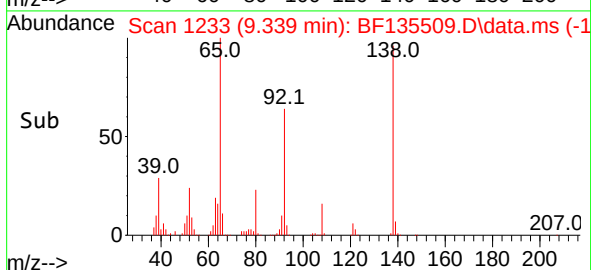
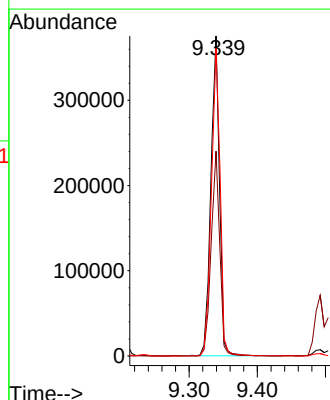
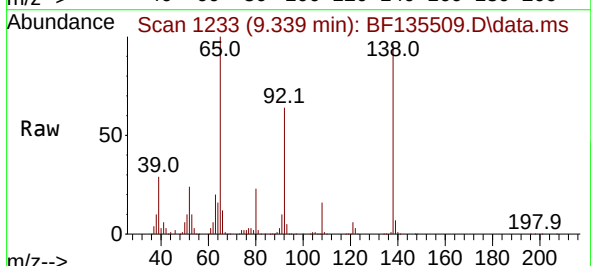
RT: 9.339 min Scan# 1233

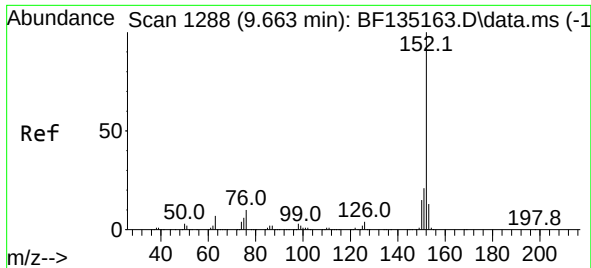
Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

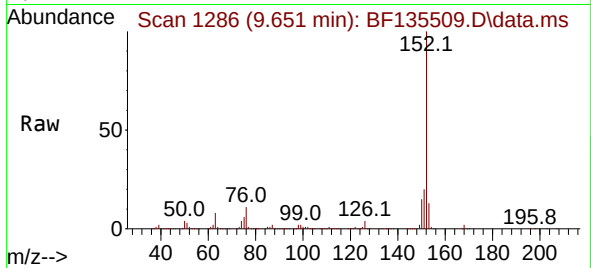
Tgt Ion: 65 Resp: 329815  
 Ion Ratio Lower Upper  
 65 100  
 92 64.0 49.4 74.0  
 138 96.1 77.4 116.0





#49  
Acenaphthylene  
Concen: 35.957 ng  
RT: 9.651 min Scan# 1286  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

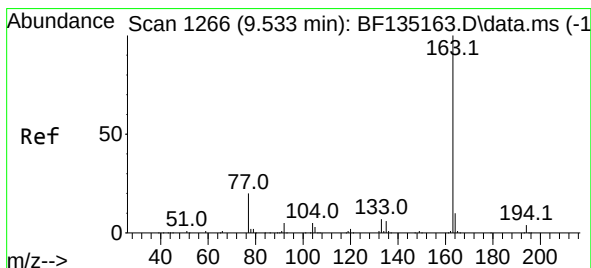
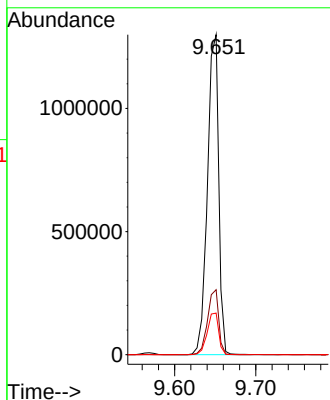
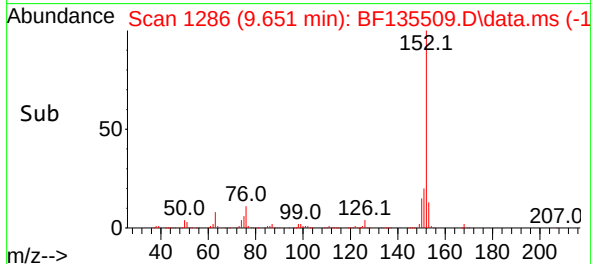
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



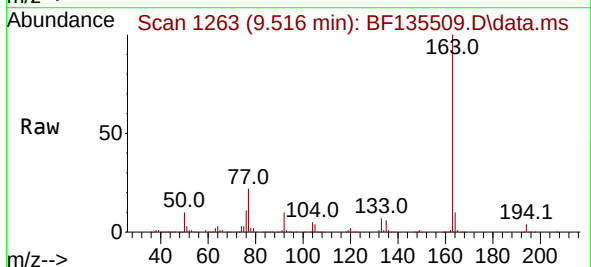
Tgt Ion:152 Resp: 1249924  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6  
153 13.0 10.4 15.6

Manual Integrations  
APPROVED

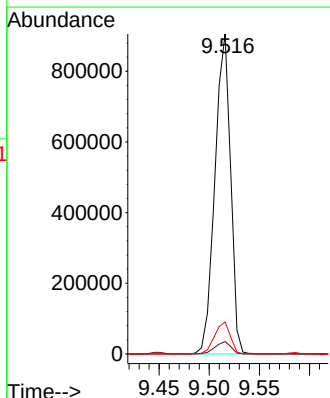
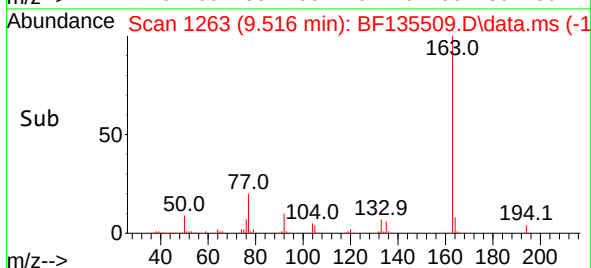
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

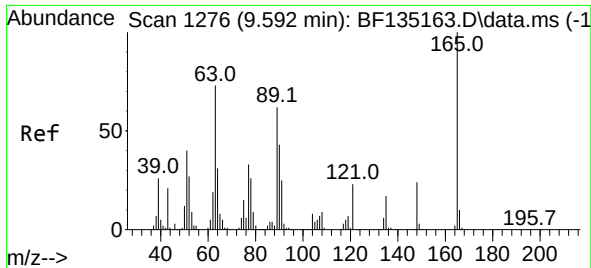


#50  
Dimethylphthalate  
Concen: 38.684 ng  
RT: 9.516 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion:163 Resp: 981114  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.0 8.1 12.1





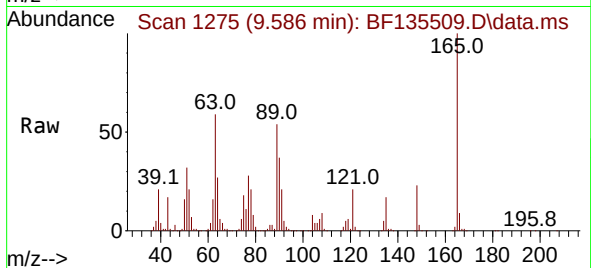
#51  
2,6-Dinitrotoluene  
Concen: 39.160 ng  
RT: 9.586 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

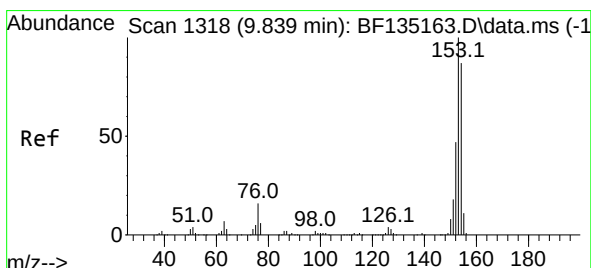
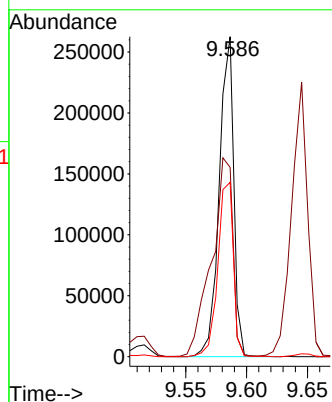
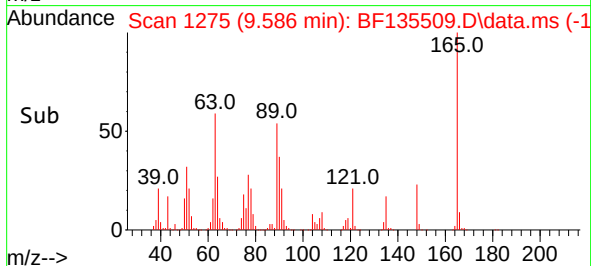


Tgt Ion:165 Resp: 217570  
Ion Ratio Lower Upper  
165 100  
63 59.1 59.4 89.2  
89 54.5 49.8 74.8

Manual Integrations

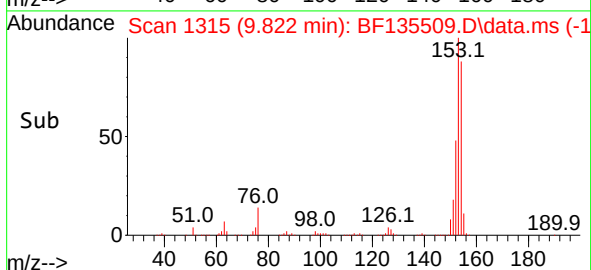
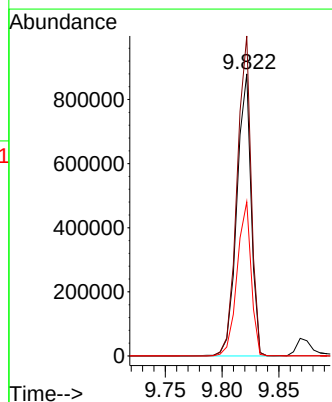
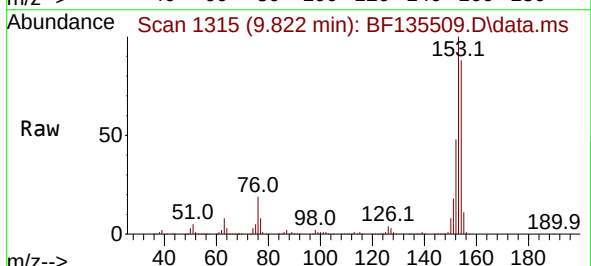
APPROVED

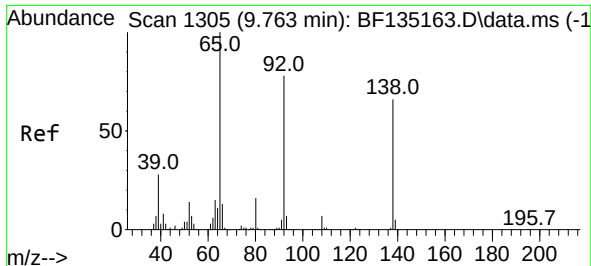
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#52  
Acenaphthene  
Concen: 37.419 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:154 Resp: 768417  
Ion Ratio Lower Upper  
154 100  
153 113.4 92.1 138.1  
152 54.6 43.1 64.7





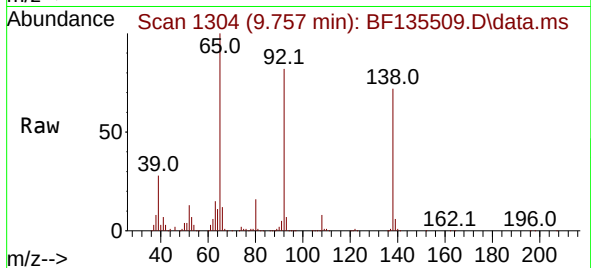
#53  
3-Nitroaniline  
Concen: 41.329 ng  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

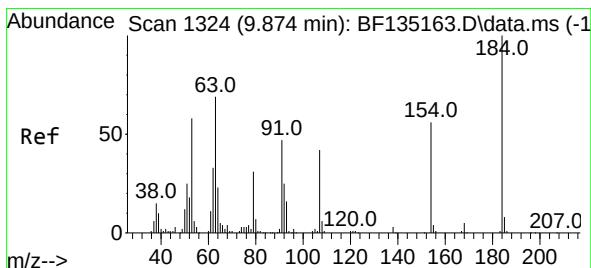
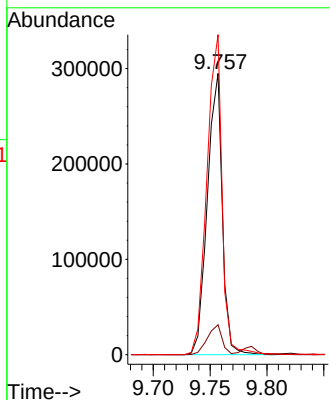
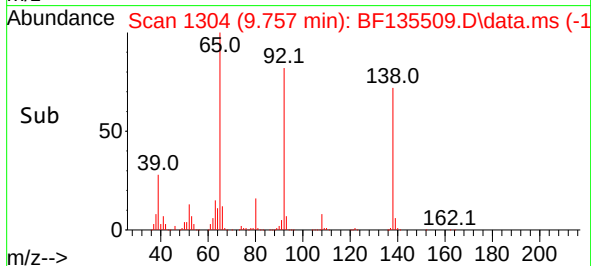


Tgt Ion:138 Resp: 26954  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.5 12.7  
92 113.8 95.4 143.0

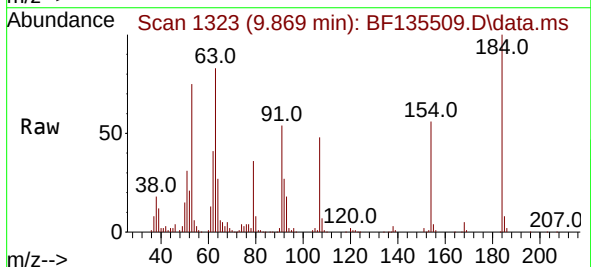
Manual Integrations

APPROVED

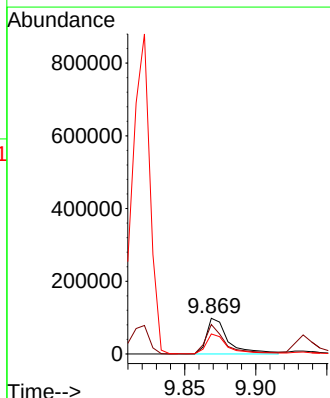
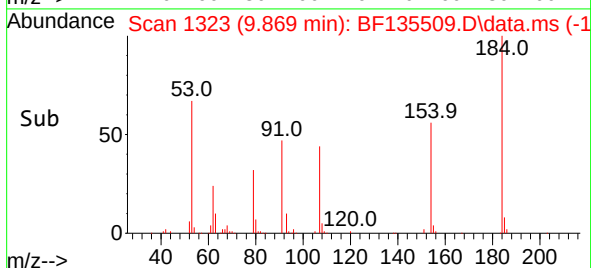
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

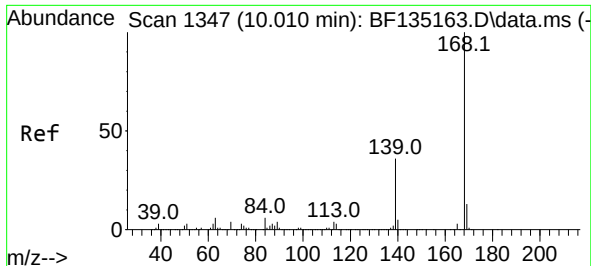


#54  
2,4-Dinitrophenol  
Concen: 36.787 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion:184 Resp: 104486  
Ion Ratio Lower Upper  
184 100  
63 82.5 55.1 82.7  
154 55.8 48.4 72.6





#55

Dibenzenofuran

Concen: 34.961 ng

RT: 9.992 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 109555

Ion Ratio Lower Upper

168 100

139 36.8 29.0 43.6

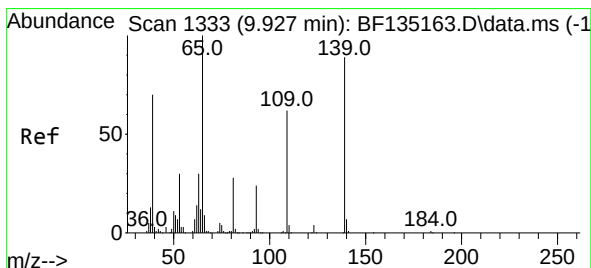
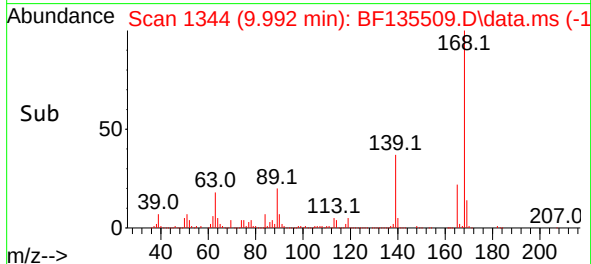
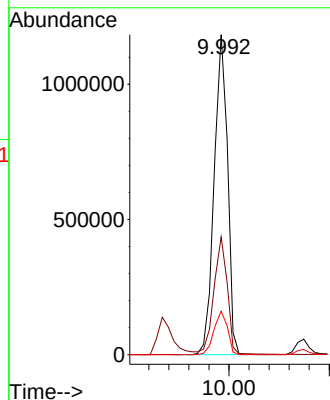
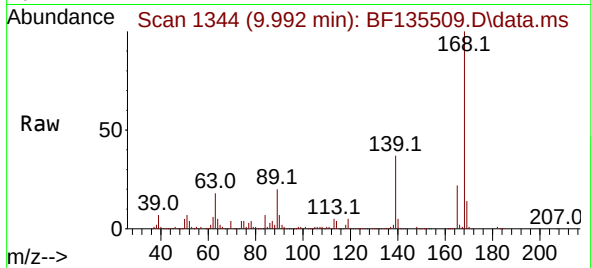
169 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#56

4-Nitrophenol

Concen: 34.902 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

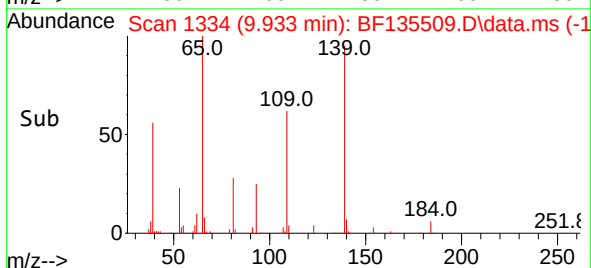
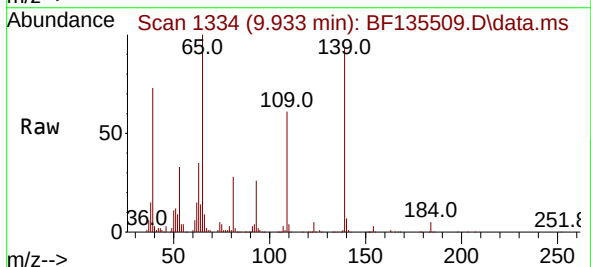
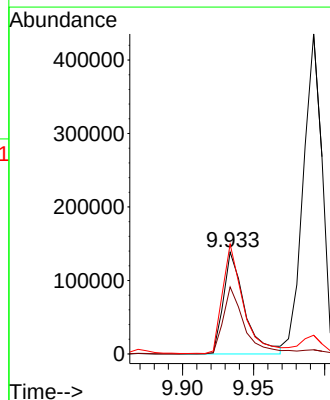
Tgt Ion:139 Resp: 144667

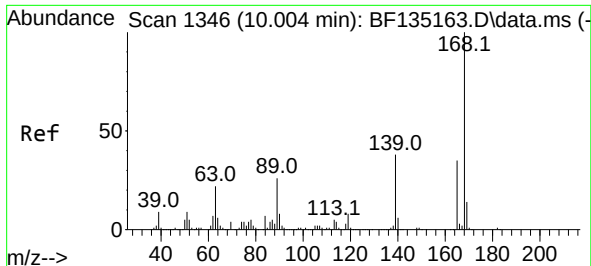
Ion Ratio Lower Upper

139 100

109 65.8 49.8 89.8

65 107.8 92.7 132.7





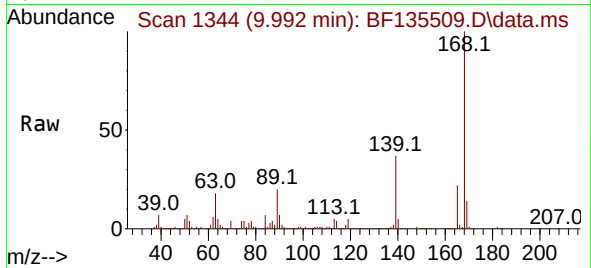
#57  
2,4-Dinitrotoluene  
Concen: 34.774 ng  
RT: 9.992 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



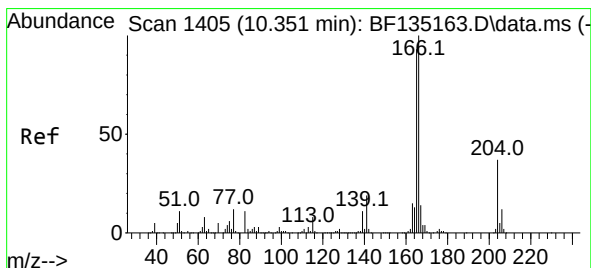
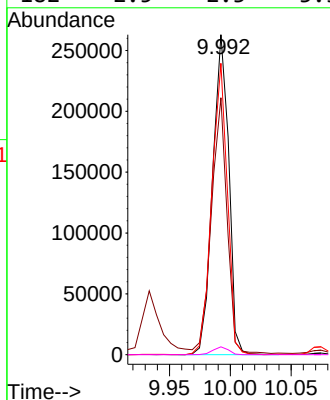
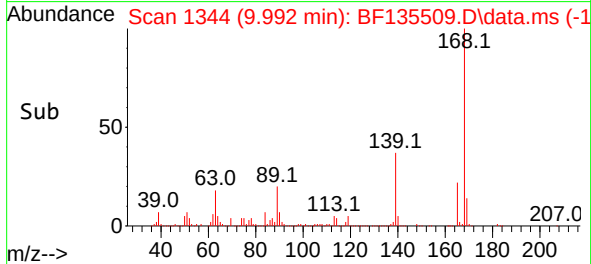
Tgt Ion:165 Resp: 241878  
Ion Ratio Lower Upper  
165 100  
63 80.3 50.1 75.1  
89 91.1 59.3 88.9  
182 2.5 2.3 3.5

Manual Integrations

APPROVED

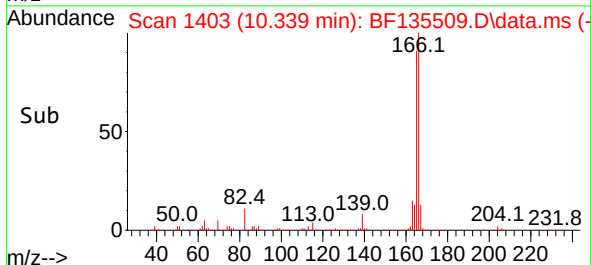
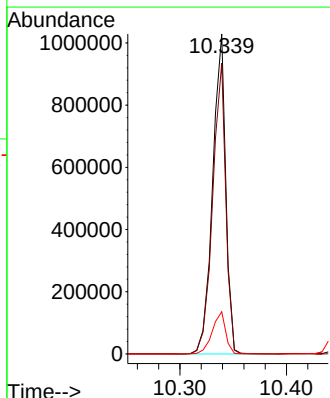
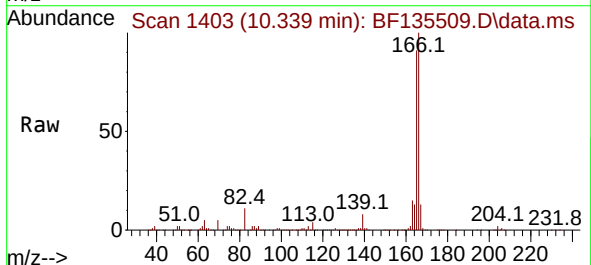
Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023

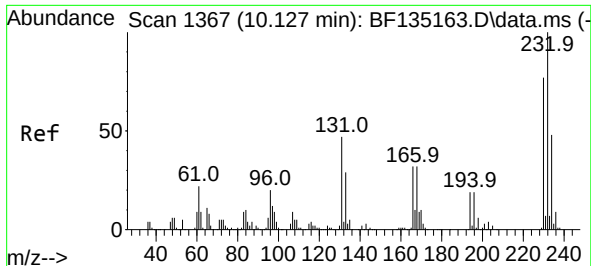


#58  
Fluorene  
Concen: 36.449 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:166 Resp: 878056  
Ion Ratio Lower Upper  
166 100  
165 90.8 74.3 111.5  
167 13.2 10.9 16.3

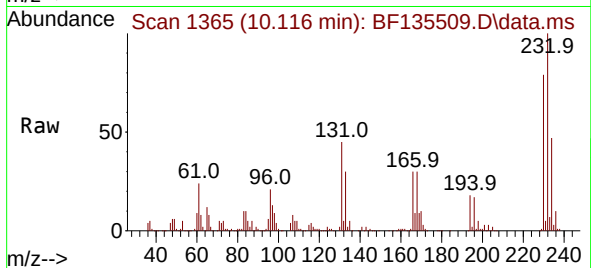






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.668 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

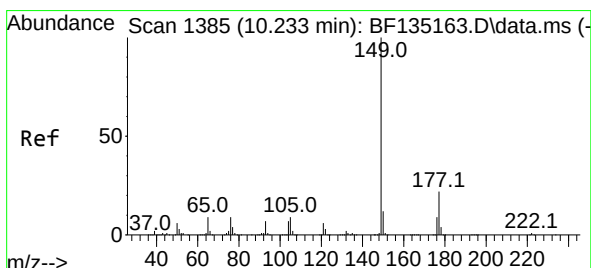
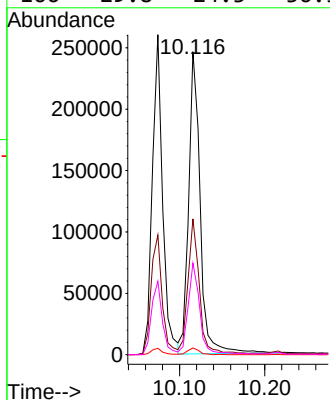
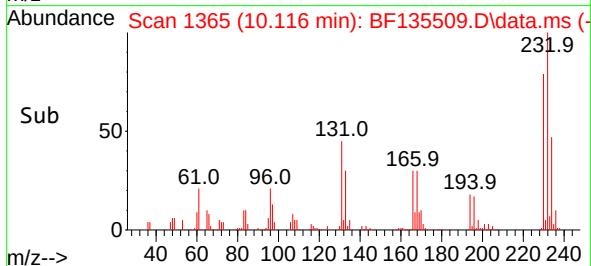
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 231134  
Ion Ratio Lower Upper  
232 100  
131 43.6 35.4 53.2  
130 2.3 1.8 2.8  
166 29.8 24.3 36.5

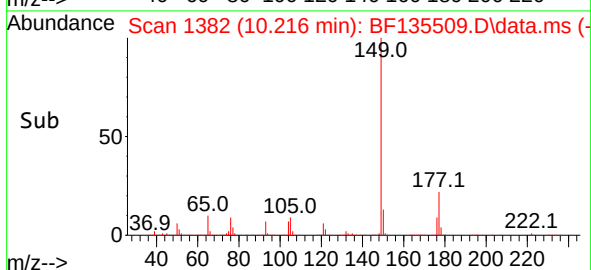
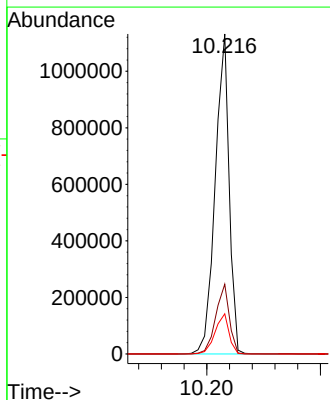
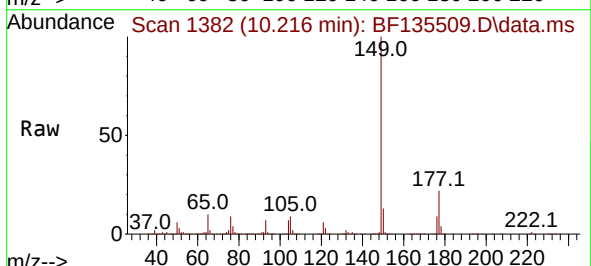
Manual Integrations  
APPROVED

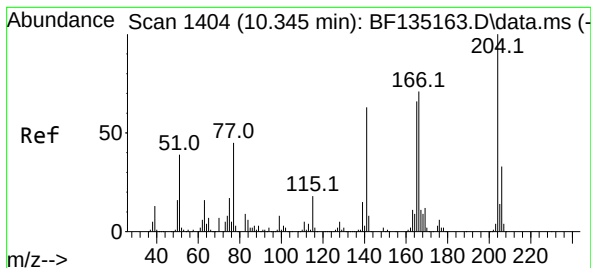
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#60  
Diethylphthalate  
Concen: 37.941 ng  
RT: 10.216 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:149 Resp: 965732  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.8 26.6  
150 12.6 10.0 15.0





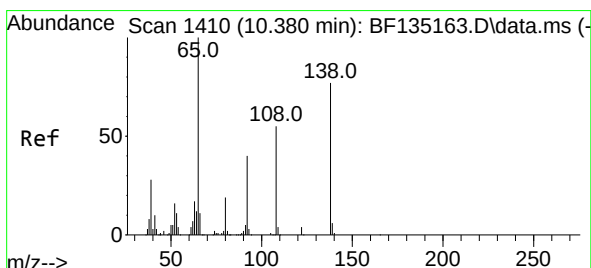
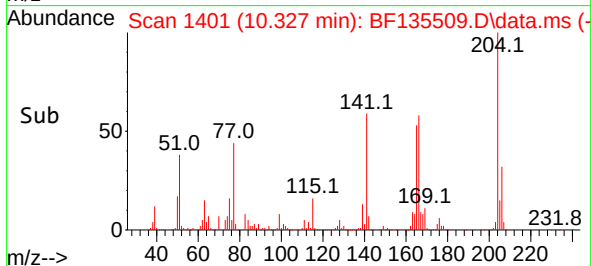
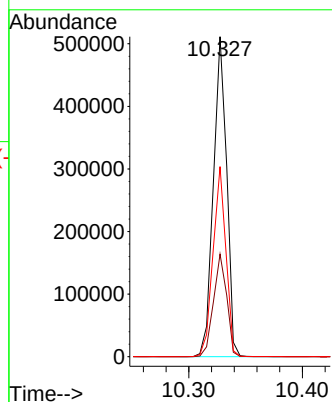
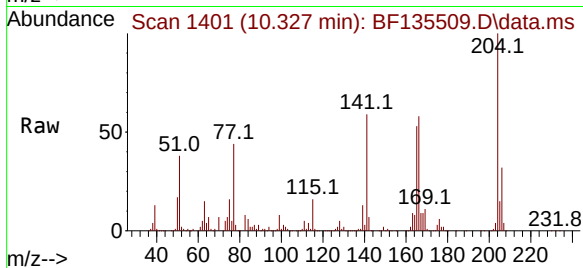
#61  
4-Chlorophenyl-phenylether  
Concen: 35.708 ng  
RT: 10.327 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 41321  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.7 40.1  
141 59.4 50.6 75.8

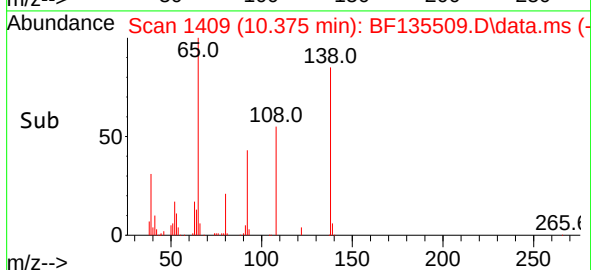
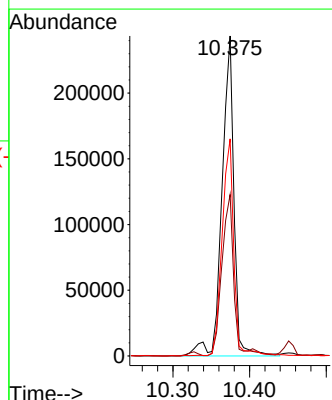
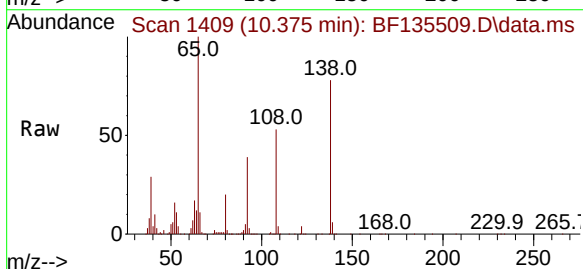
Manual Integrations  
APPROVED

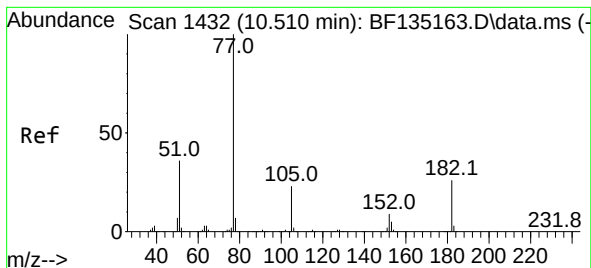
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#62  
4-Nitroaniline  
Concen: 42.088 ng m  
RT: 10.375 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:138 Resp: 263856  
Ion Ratio Lower Upper  
138 100  
92 50.4 31.8 71.8  
108 67.8 52.0 92.0





#63  
Azobenzene  
Concen: 40.072 ng  
RT: 10.492 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

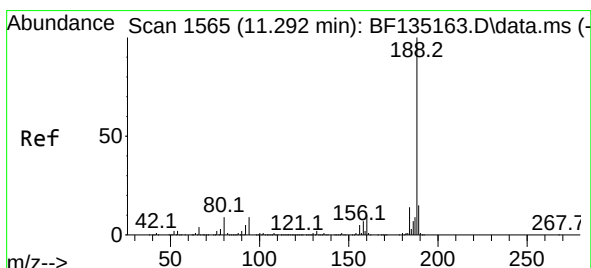
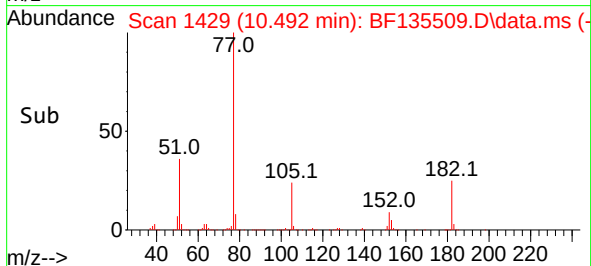
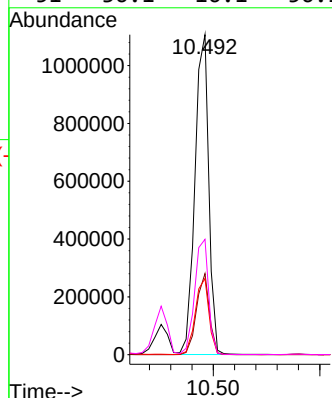
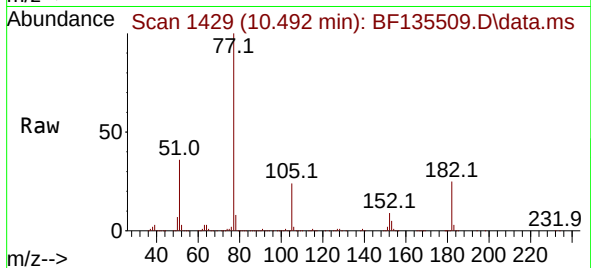
SSTDCCC040

Tgt Ion: 77 Resp: 998250  
Ion Ratio Lower Upper  
77 100  
182 25.3 6.4 46.4  
105 23.8 3.1 43.1  
51 36.1 16.1 56.1

Manual Integrations

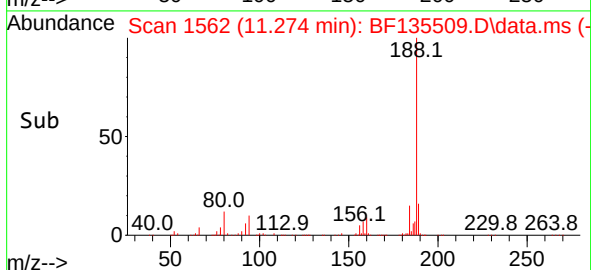
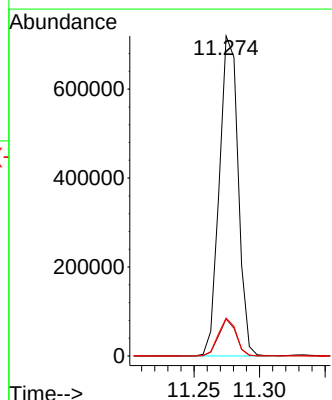
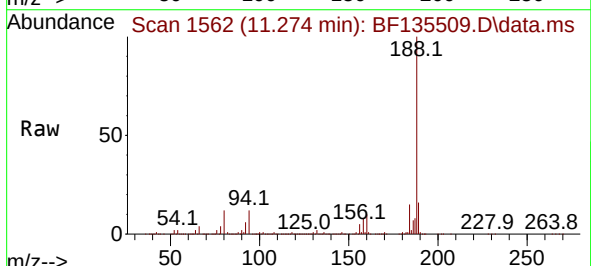
APPROVED

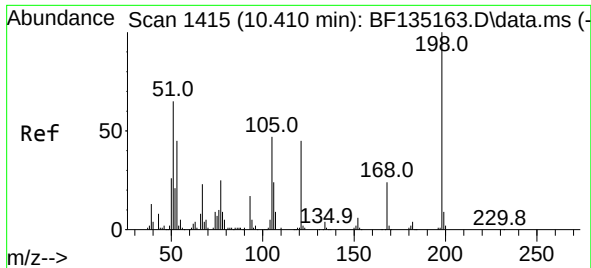
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.274 min Scan# 1562  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

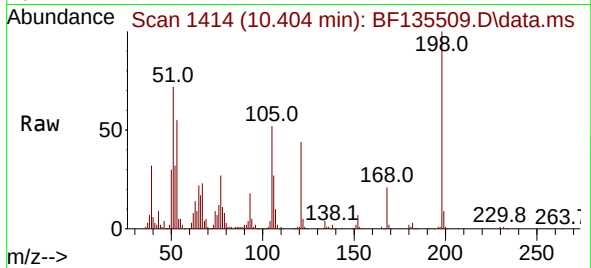
Tgt Ion:188 Resp: 717636  
Ion Ratio Lower Upper  
188 100  
94 11.6 7.0 10.6#  
80 11.8 7.5 11.3#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.663 ng  
RT: 10.404 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

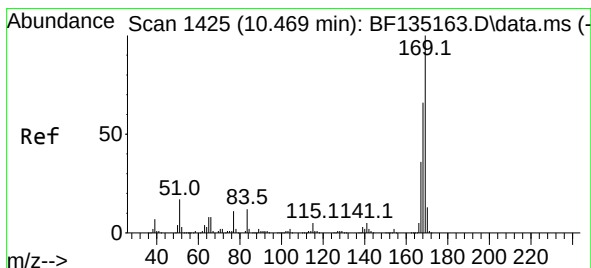
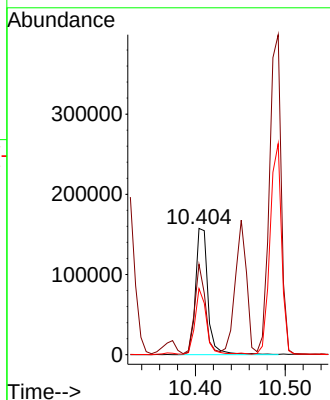
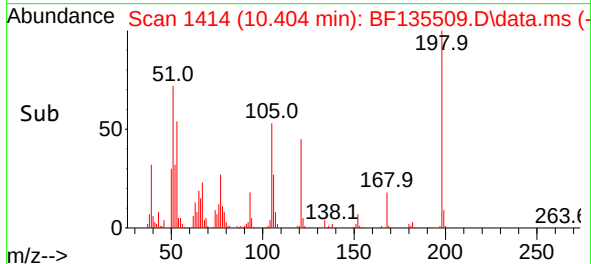
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:198 Resp: 151179  
Ion Ratio Lower Upper  
198 100  
51 71.6 47.7 87.7  
105 52.3 27.4 67.4

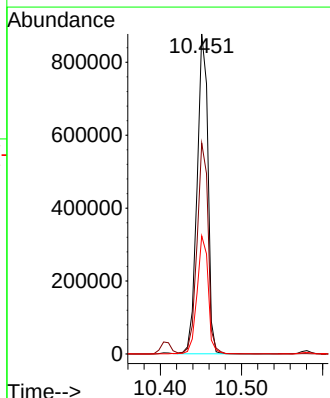
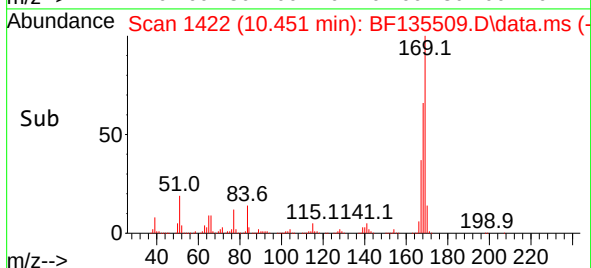
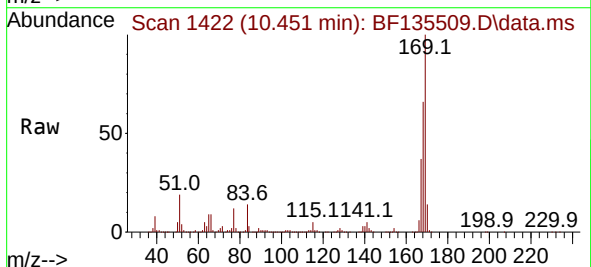
Manual Integrations  
APPROVED

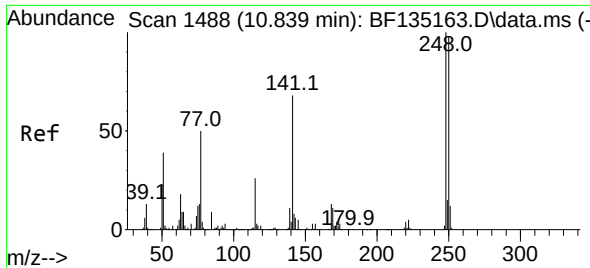
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#66  
n-Nitrosodiphenylamine  
Concen: 37.586 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:169 Resp: 816610  
Ion Ratio Lower Upper  
169 100  
168 65.9 52.8 79.2  
167 36.9 29.0 43.6





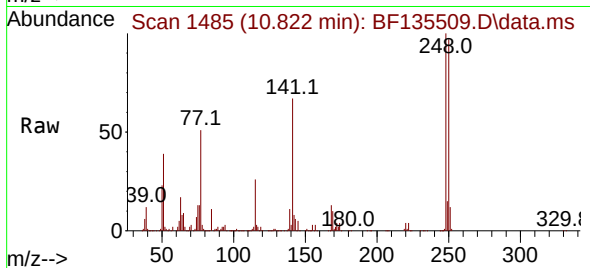
#67  
4-Bromophenyl-phenylether  
Concen: 36.457 ng  
RT: 10.822 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

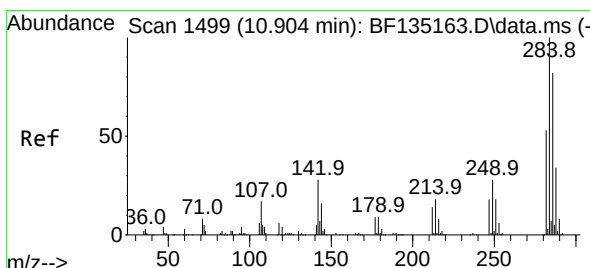
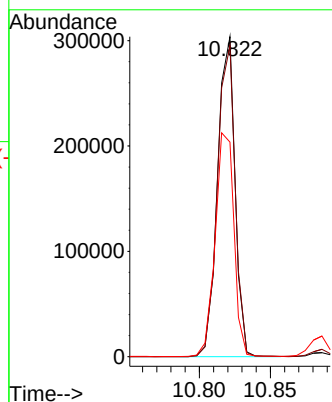
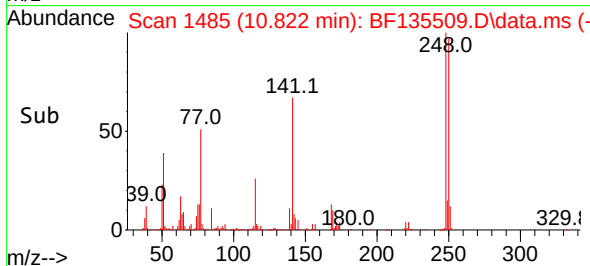


Tgt Ion:248 Resp: 260209  
Ion Ratio Lower Upper  
248 100  
250 97.2 78.6 117.8  
141 67.0 54.2 81.2

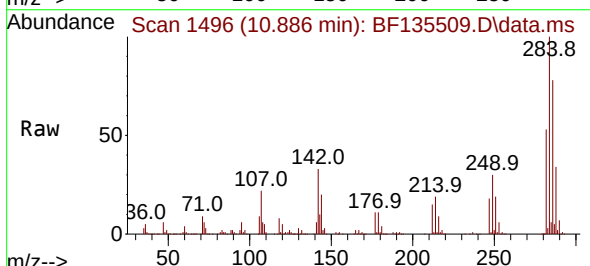
Manual Integrations

APPROVED

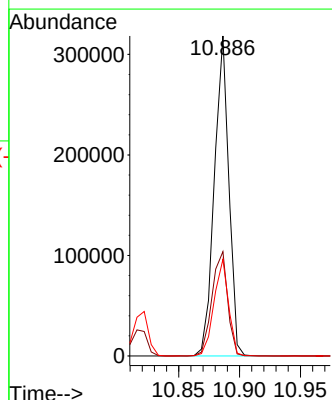
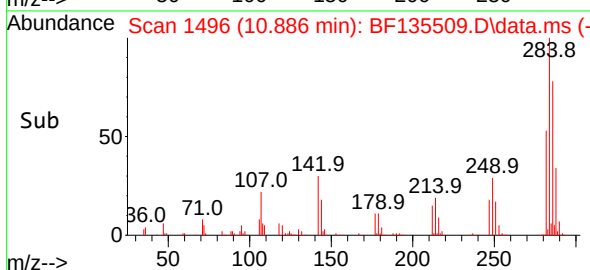
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

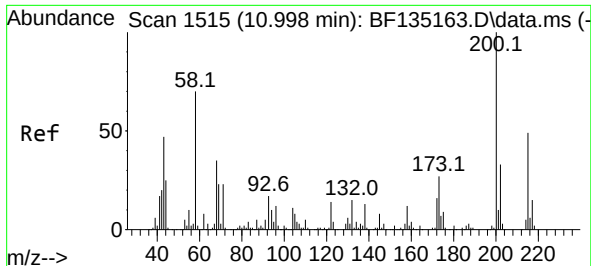


#68  
Hexachlorobenzene  
Concen: 36.346 ng  
RT: 10.886 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



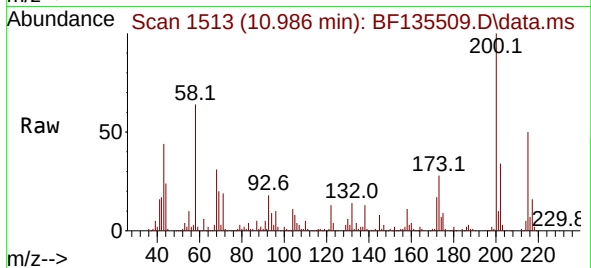
Tgt Ion:284 Resp: 264285  
Ion Ratio Lower Upper  
284 100  
142 32.6 22.2 33.4  
249 30.2 22.5 33.7





#69  
 Atrazine  
 Concen: 36.296 ng  
 RT: 10.986 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF135509.D  
 Acq: 29 Sep 2023 09:33

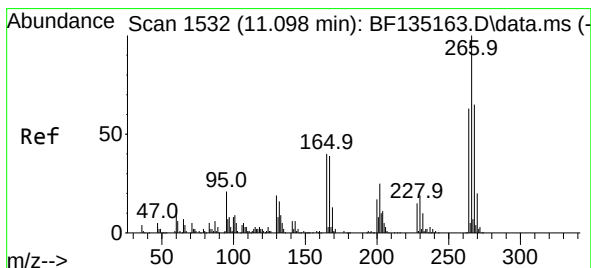
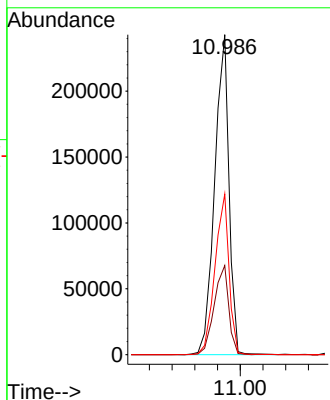
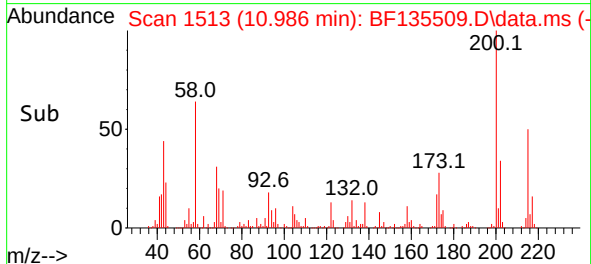
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:200 Resp: 212184  
 Ion Ratio Lower Upper  
 200 100  
 173 27.8 7.4 47.4  
 215 50.2 28.6 68.6

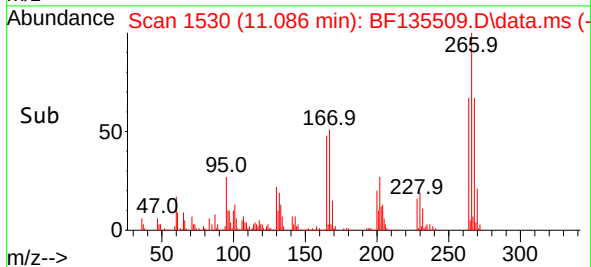
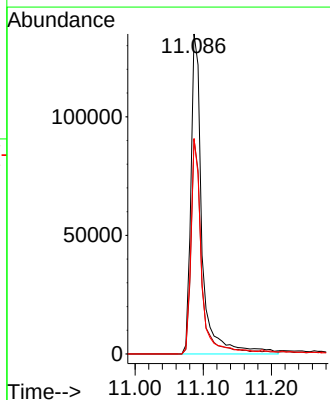
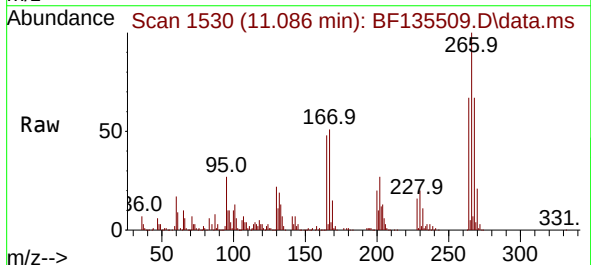
Manual Integrations  
 APPROVED

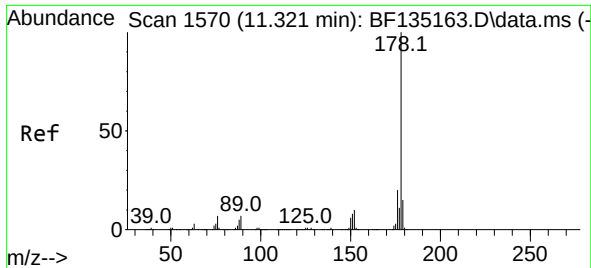
Reviewed By :Yogesh Patel 10/04/2023  
 Supervised By :mohammad ahmed 10/05/2023



#70  
 Pentachlorophenol  
 Concen: 35.235 ng  
 RT: 11.086 min Scan# 1530  
 Delta R.T. 0.000 min  
 Lab File: BF135509.D  
 Acq: 29 Sep 2023 09:33

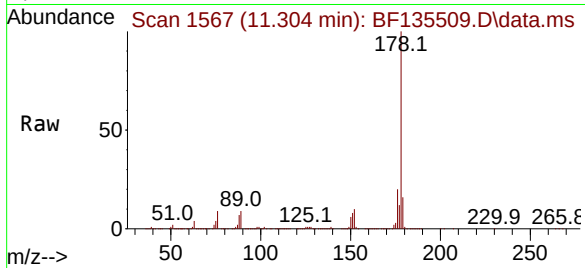
Tgt Ion:266 Resp: 153290  
 Ion Ratio Lower Upper  
 266 100  
 268 67.1 52.1 78.1  
 264 67.3 50.8 76.2





#71  
Phenanthrene  
Concen: 37.395 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

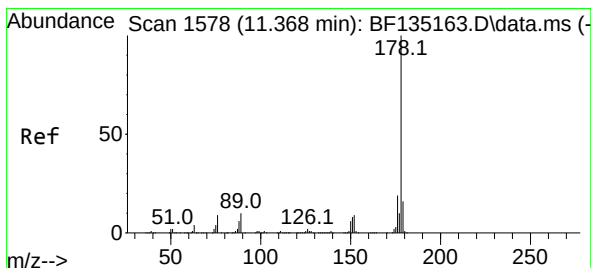
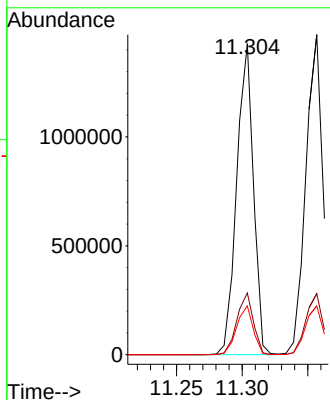
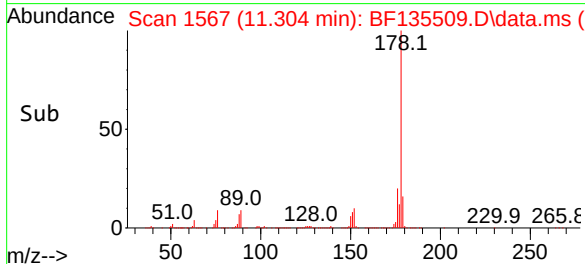
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



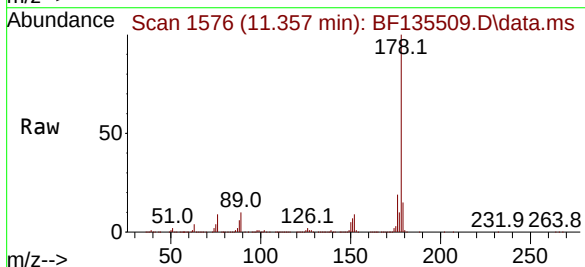
Tgt Ion:178 Resp: 1269210  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.6 23.4  
179 15.7 12.0 18.0

Manual Integrations  
APPROVED

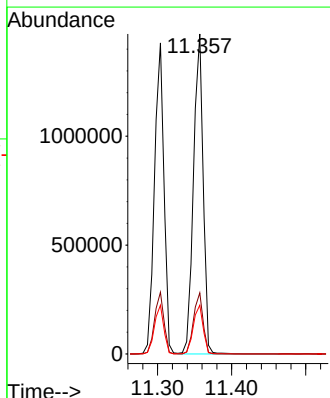
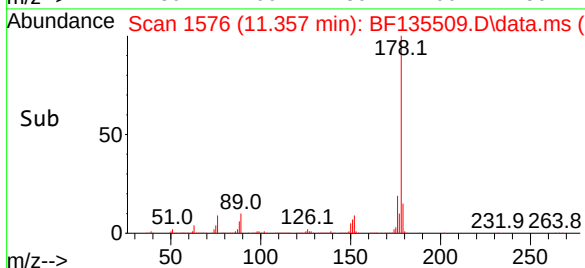
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

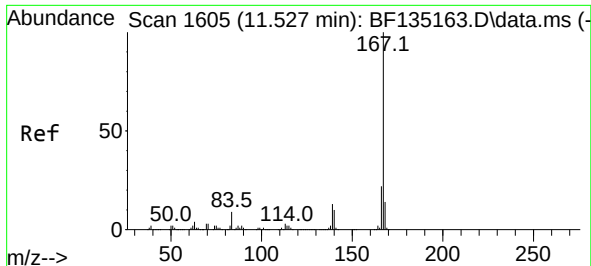


#72  
Anthracene  
Concen: 38.077 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



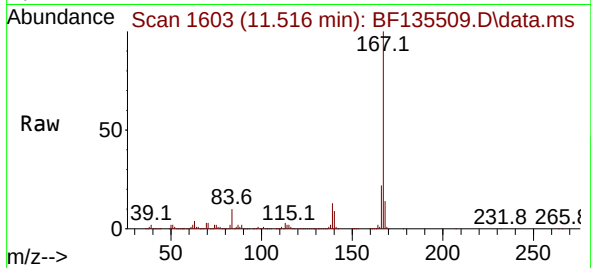
Tgt Ion:178 Resp: 1328419  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.3 12.6 19.0





#73  
 Carbazole  
 Concen: 39.675 ng  
 RT: 11.516 min Scan# 1603  
 Delta R.T. 0.000 min  
 Lab File: BF135509.D  
 Acq: 29 Sep 2023 09:33

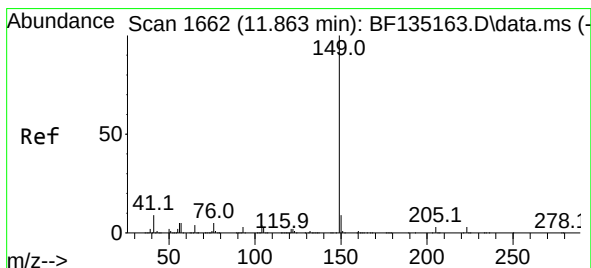
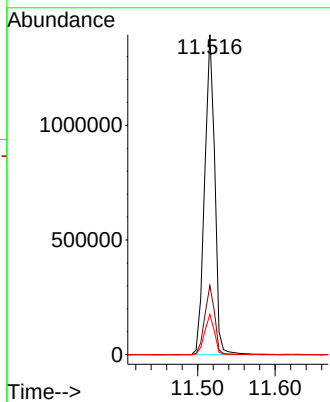
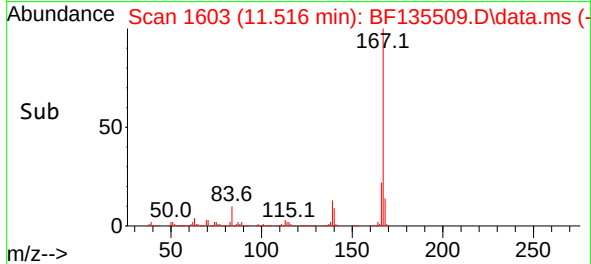
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



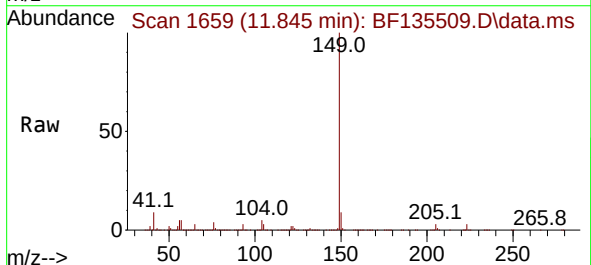
Tgt Ion:167 Resp: 126004  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.0  
 139 12.5 10.6 15.8

Manual Integrations  
 APPROVED

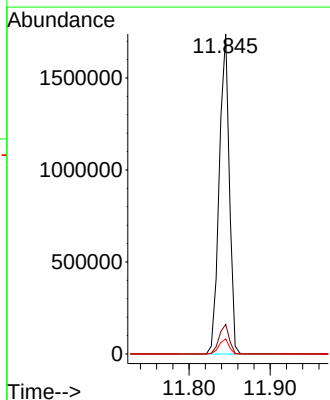
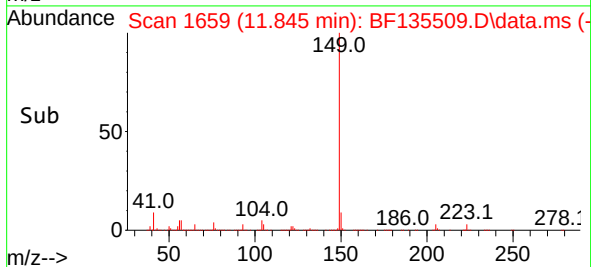
Reviewed By :Yogesh Patel 10/04/2023  
 Supervised By :mohammad ahmed 10/05/2023



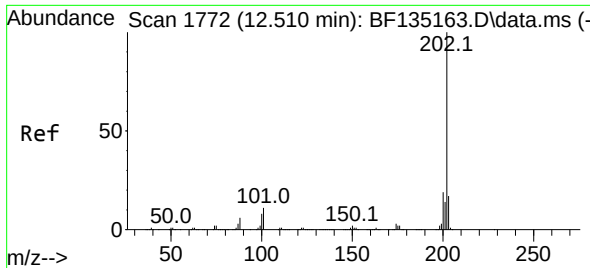
#74  
 Di-n-butylphthalate  
 Concen: 40.260 ng  
 RT: 11.845 min Scan# 1659  
 Delta R.T. 0.000 min  
 Lab File: BF135509.D  
 Acq: 29 Sep 2023 09:33



Tgt Ion:149 Resp: 1506654  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 4.7 3.6 5.4

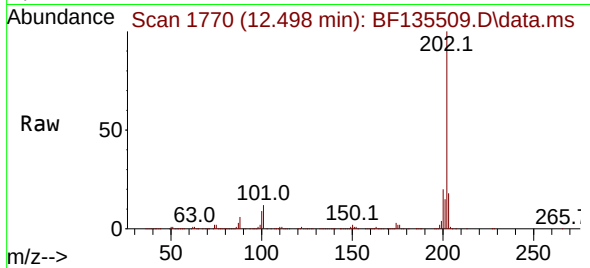






#75  
Fluoranthene  
Concen: 38.565 ng  
RT: 12.498 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

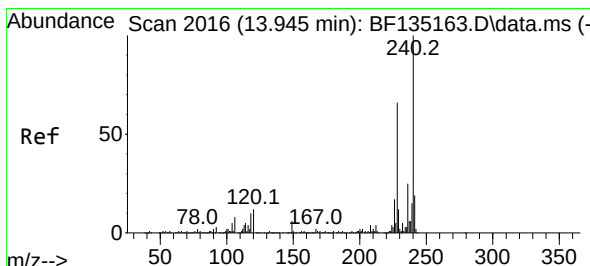
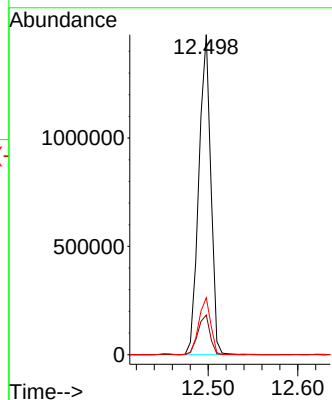
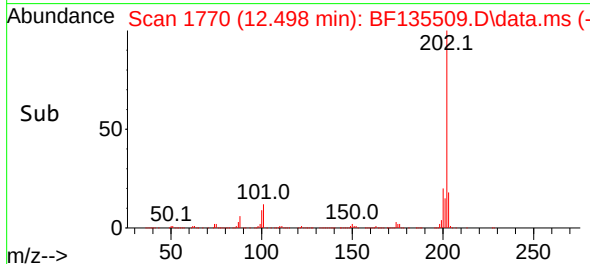
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



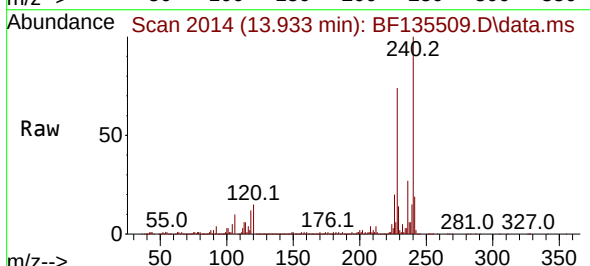
Tgt Ion:202 Resp: 1363889  
Ion Ratio Lower Upper  
202 100  
101 12.4 0.0 31.3  
203 17.8 0.0 37.4

Manual Integrations  
APPROVED

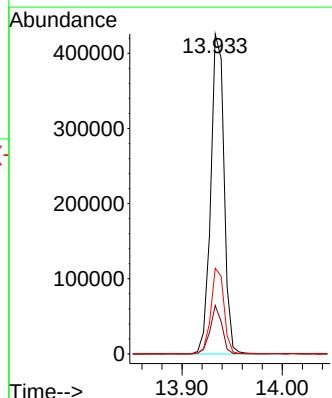
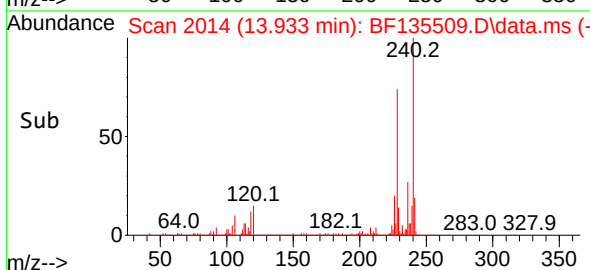
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

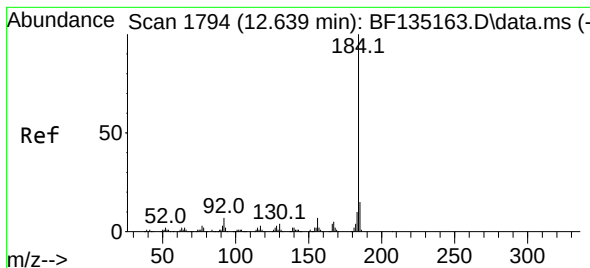


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion:240 Resp: 393787  
Ion Ratio Lower Upper  
240 100  
120 15.1 9.4 14.2#  
236 26.8 19.8 29.8





#77

Benzidine

Concen: 35.456 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 286039

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

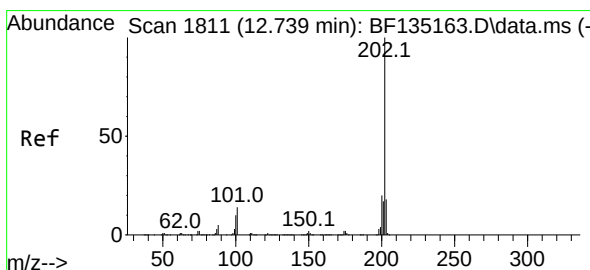
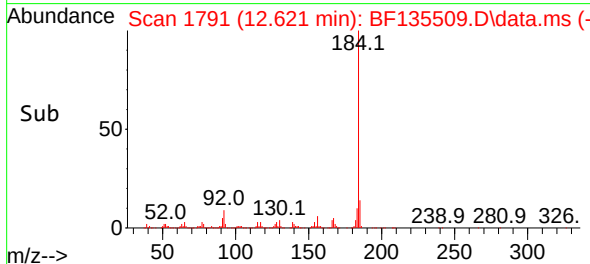
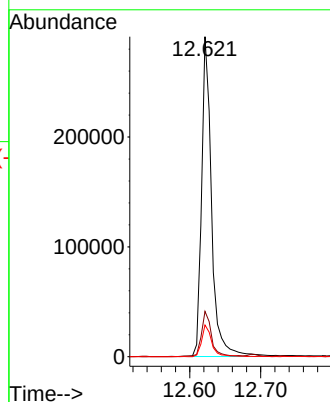
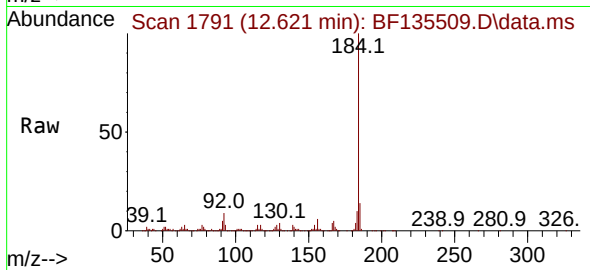
183 9.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#78

Pyrene

Concen: 36.877 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

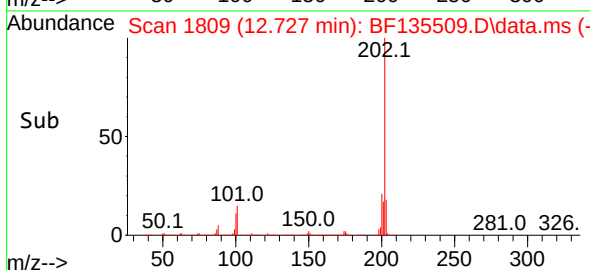
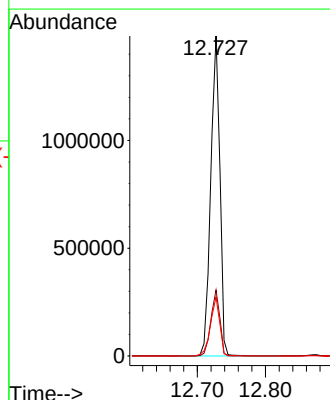
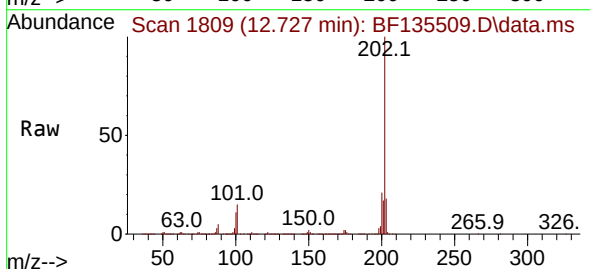
Tgt Ion:202 Resp: 1382561

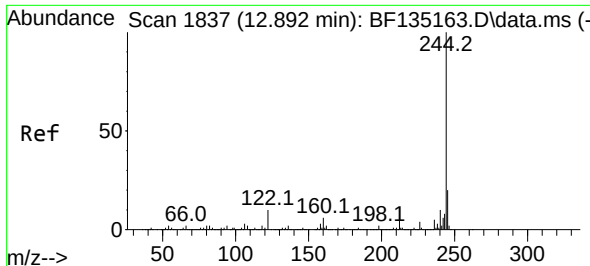
Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

203 18.4 14.2 21.4





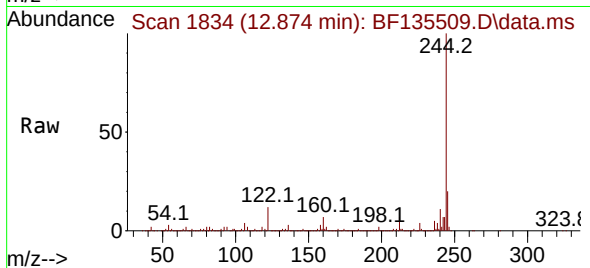
#79  
 Terphenyl-d14  
 Concen: 66.601 ng  
 RT: 12.874 min Scan# 1837  
 Delta R.T. 0.000 min  
 Lab File: BF135509.D  
 Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

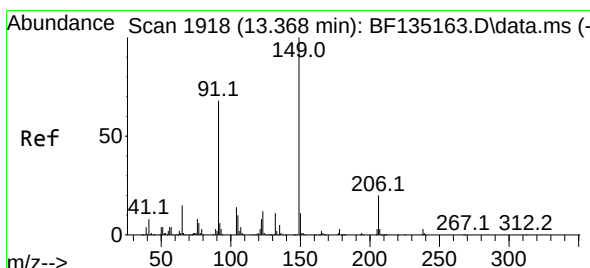
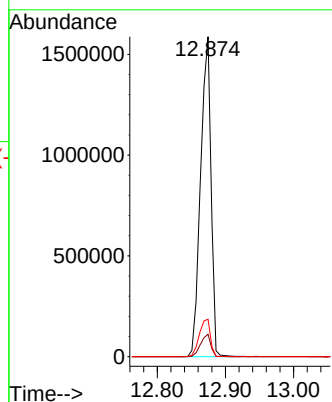
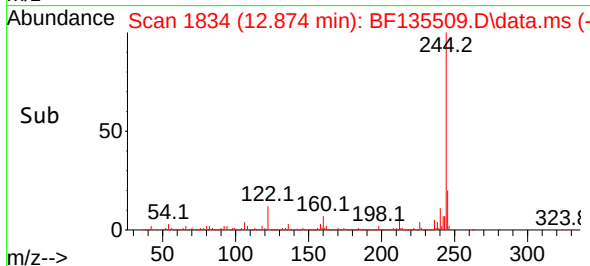


Tgt Ion:244 Resp: 169183  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.1 7.7  
 122 11.7 7.9 11.9

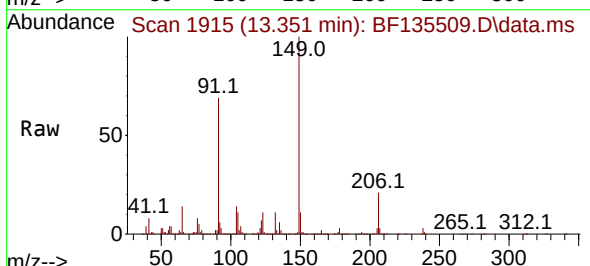
Manual Integrations

APPROVED

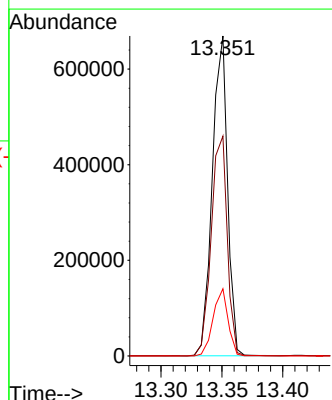
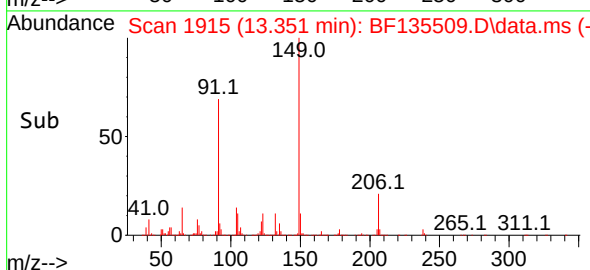
Reviewed By :Yogesh Patel 10/04/2023  
 Supervised By :mohammad ahmed 10/05/2023

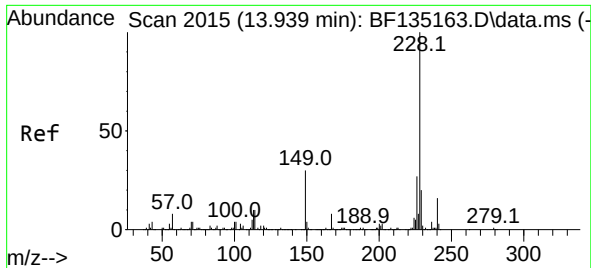


#80  
 Butylbenzylphthalate  
 Concen: 44.212 ng  
 RT: 13.351 min Scan# 1915  
 Delta R.T. 0.000 min  
 Lab File: BF135509.D  
 Acq: 29 Sep 2023 09:33



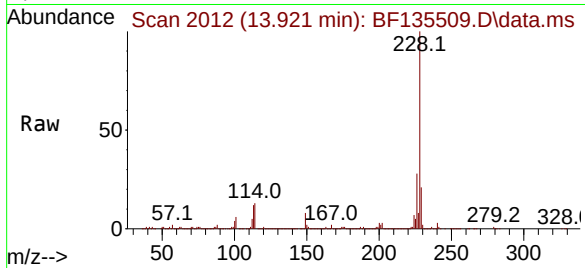
Tgt Ion:149 Resp: 583601  
 Ion Ratio Lower Upper  
 149 100  
 91 68.7 54.7 82.1  
 206 21.0 16.3 24.5





#81  
Benzo(a)anthracene  
Concen: 39.148 ng  
RT: 13.921 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

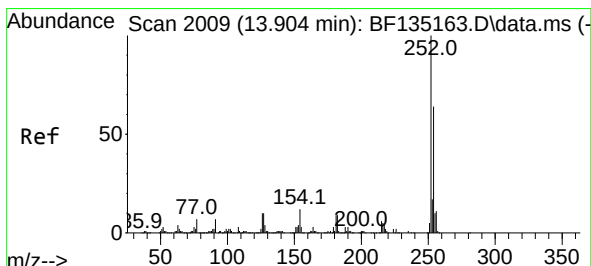
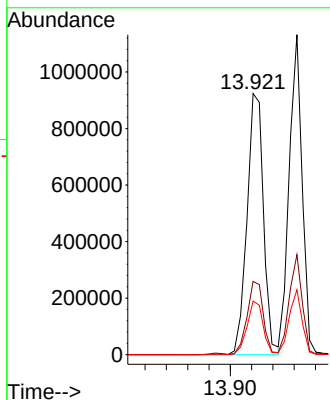
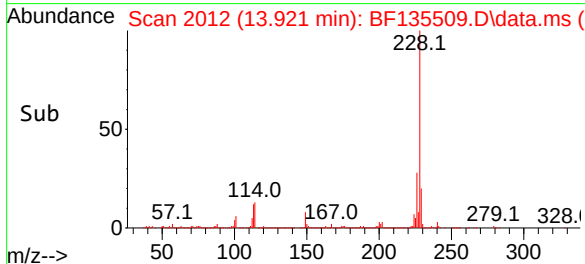
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 995458  
Ion Ratio Lower Upper  
228 100  
226 28.1 21.7 32.5  
229 20.5 15.8 23.8

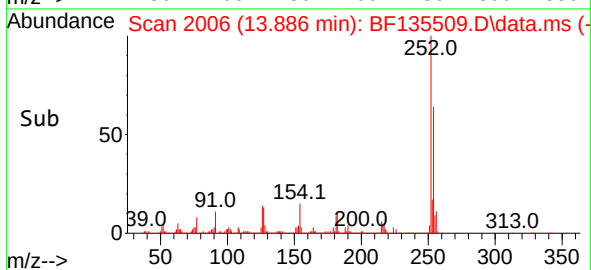
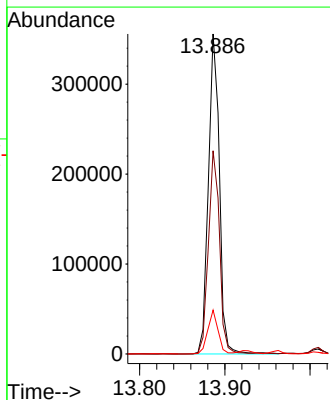
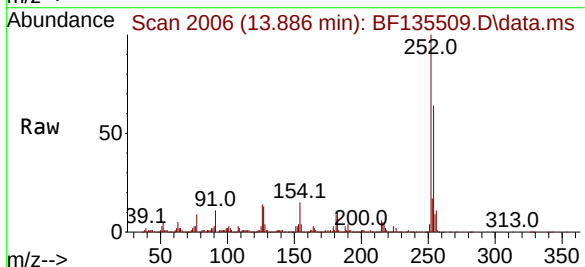
Manual Integrations  
APPROVED

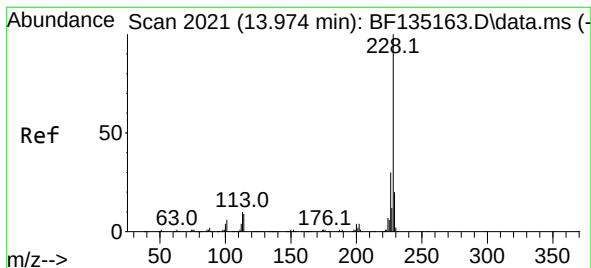
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 40.115 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:252 Resp: 318613  
Ion Ratio Lower Upper  
252 100  
254 63.5 51.0 76.4  
126 13.7 7.8 11.8





#83

Chrysene

Concen: 38.144 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

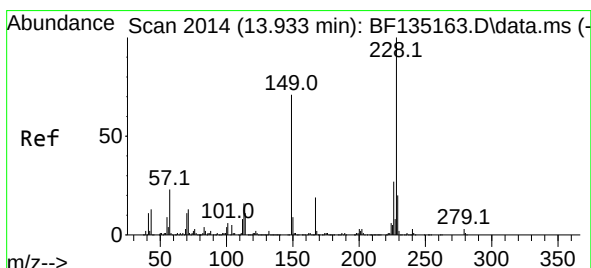
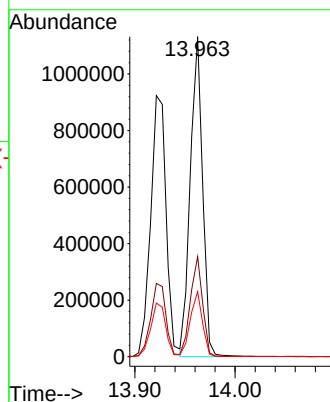
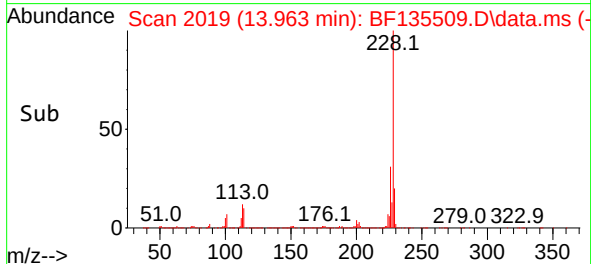
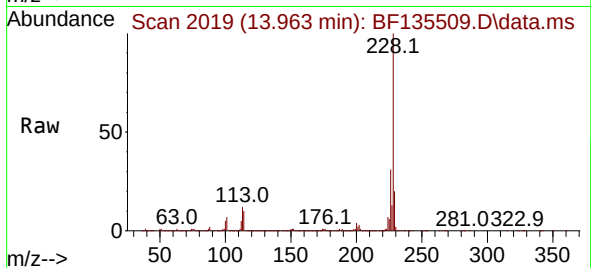
Tgt Ion:228 Resp: 964311  
 Ion Ratio Lower Upper  
 228 100  
 226 31.2 24.3 36.5  
 229 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.323 ng

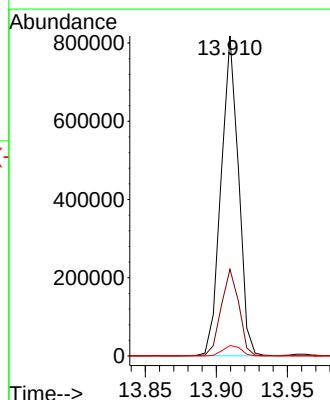
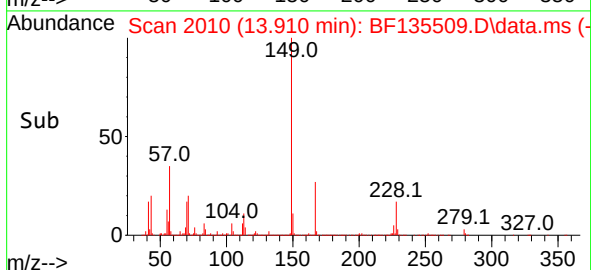
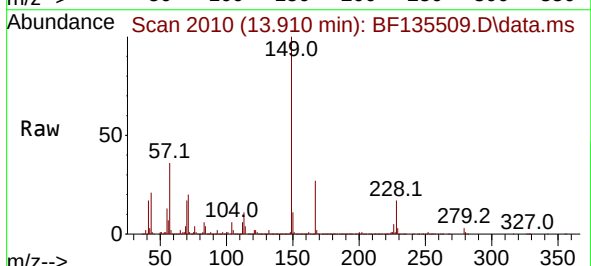
RT: 13.910 min Scan# 2010

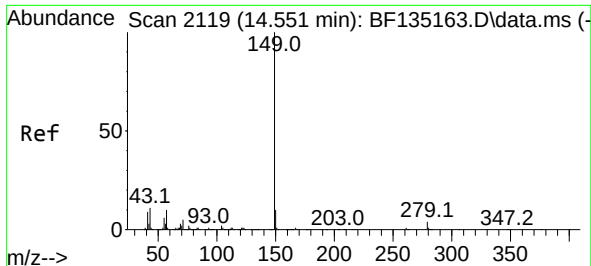
Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

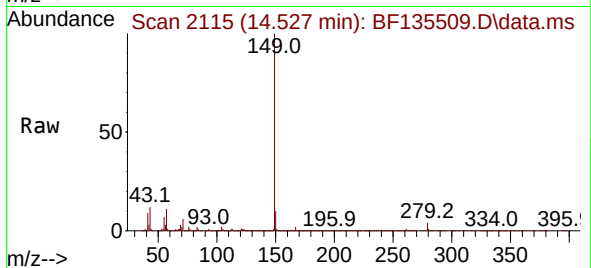
Tgt Ion:149 Resp: 695201  
 Ion Ratio Lower Upper  
 149 100  
 167 27.1 21.9 32.9  
 279 3.2 3.3 4.9#





#85  
Di-n-octyl phthalate  
Concen: 47.500 ng  
RT: 14.527 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

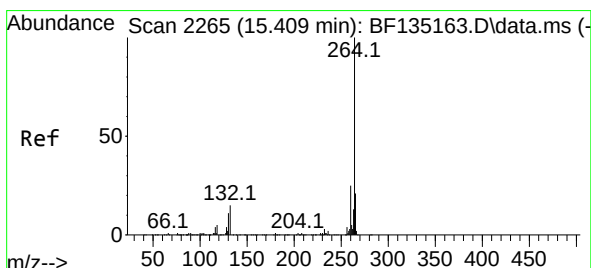
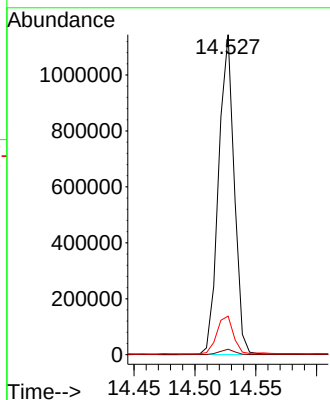
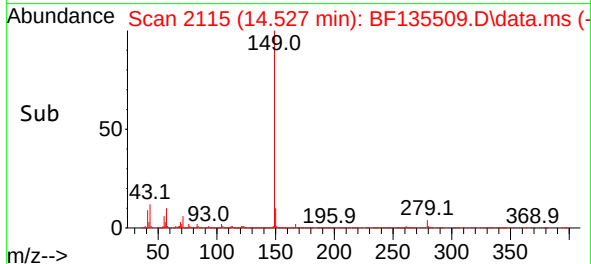
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



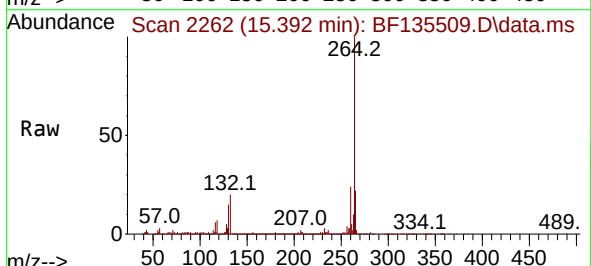
Tgt Ion:149 Resp: 102252  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 12.6 9.8 14.6

Manual Integrations  
APPROVED

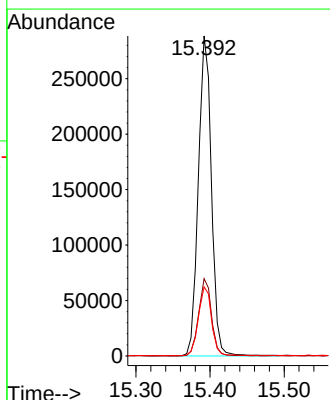
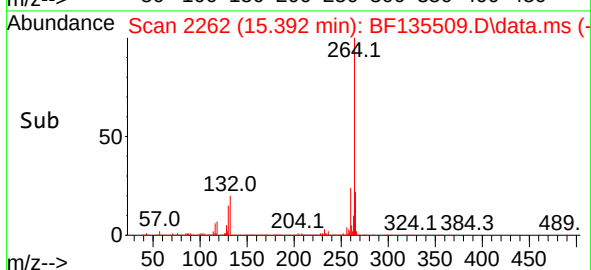
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023

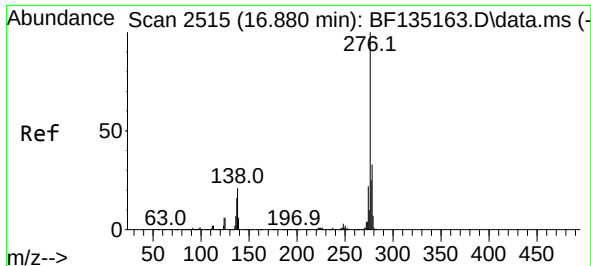


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.392 min Scan# 2262  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33



Tgt Ion:264 Resp: 353917  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.8 29.6  
265 21.6 17.0 25.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.298 ng  
RT: 16.880 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

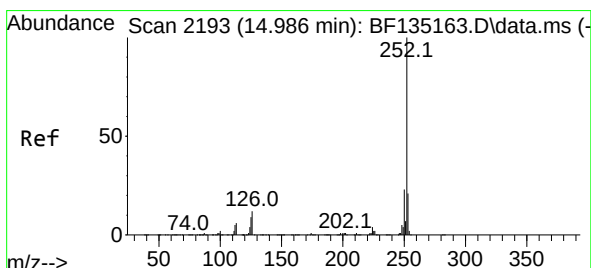
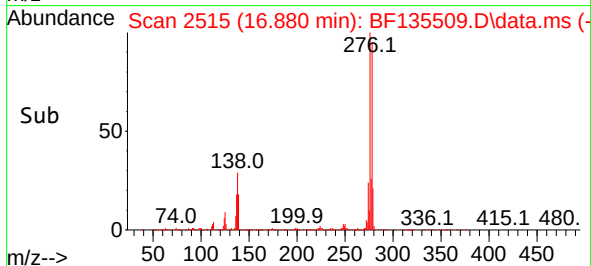
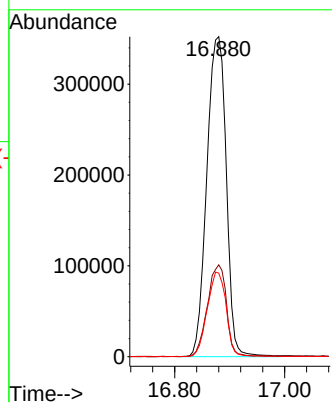
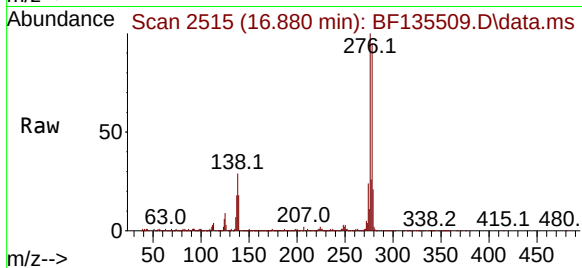
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 865510  
Ion Ratio Lower Upper  
276 100  
138 28.0 19.2 28.8  
277 25.7 19.7 29.5

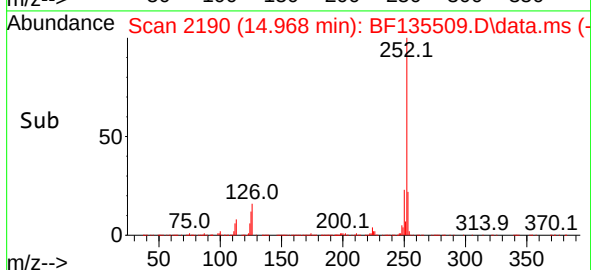
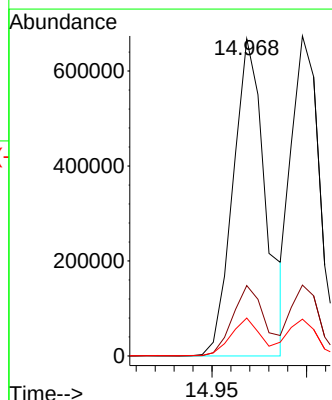
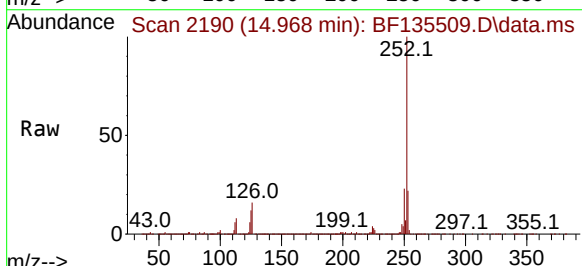
Manual Integrations  
APPROVED

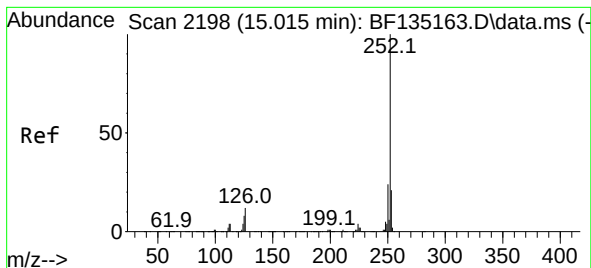
Reviewed By :Yogesh Patel 10/04/2023  
Supervised By :mohammad ahmed 10/05/2023



#88  
Benzo(b)fluoranthene  
Concen: 41.566 ng  
RT: 14.968 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BF135509.D  
Acq: 29 Sep 2023 09:33

Tgt Ion:252 Resp: 796358  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.2 25.8  
125 11.9 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 36.667 ng

RT: 14.998 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 69393

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

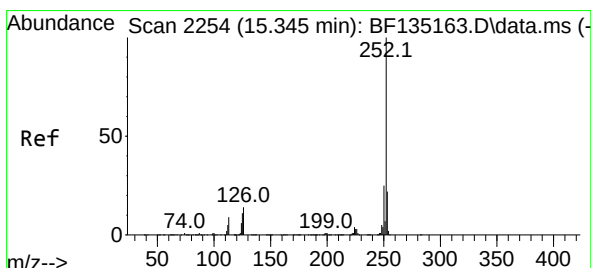
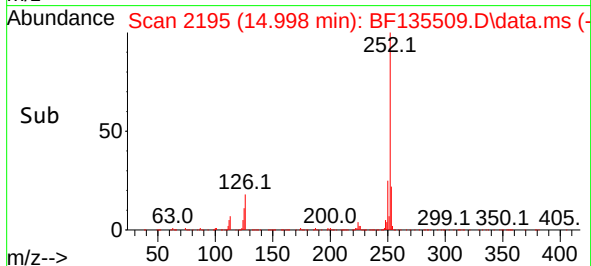
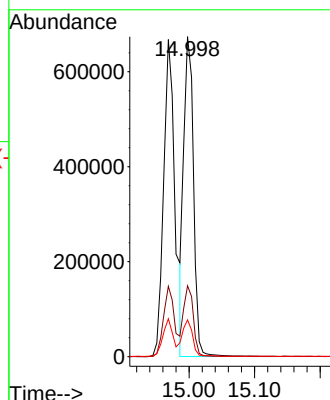
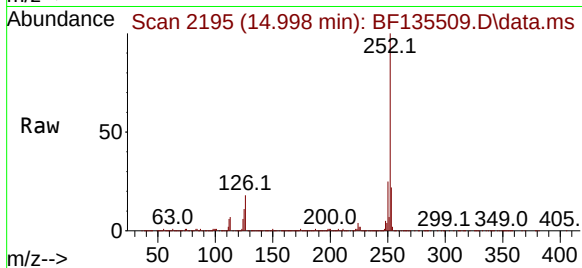
125 11.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#90

Benzo(a)pyrene

Concen: 39.456 ng

RT: 15.333 min Scan# 2252

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

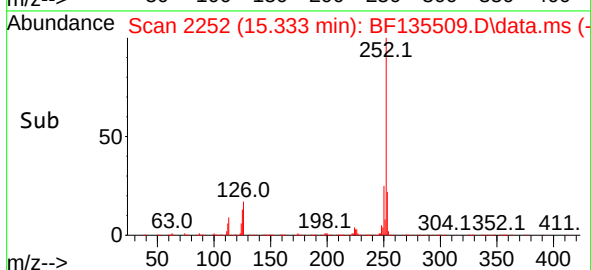
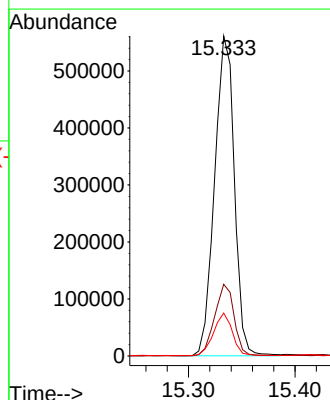
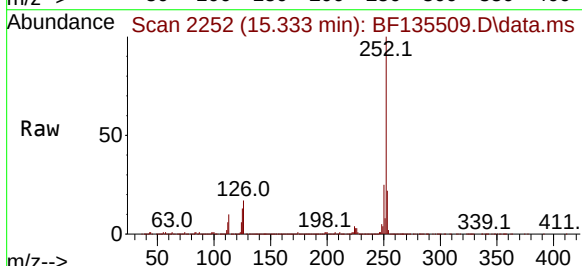
Tgt Ion:252 Resp: 720879

Ion Ratio Lower Upper

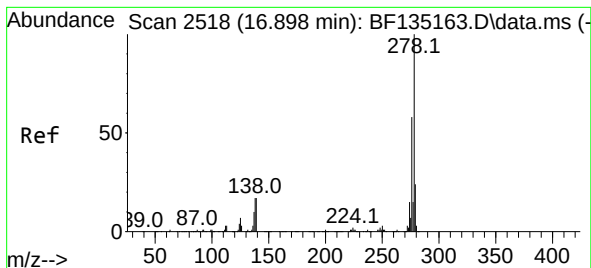
252 100

253 22.4 17.5 26.3

125 13.4 9.2 13.8







#91

Dibenzo(a,h)anthracene

Concen: 37.366 ng

RT: 16.886 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 709470

Ion Ratio Lower Upper

278 100

139 18.8 13.4 20.0

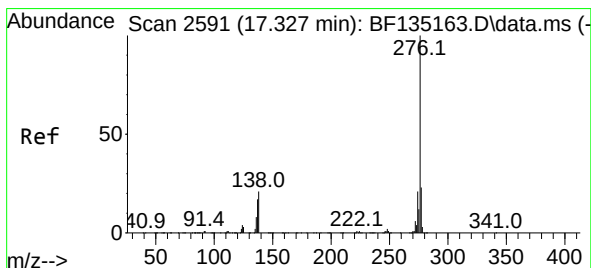
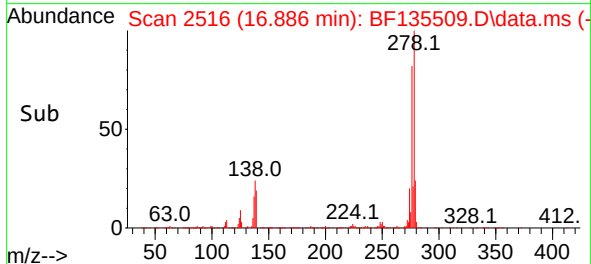
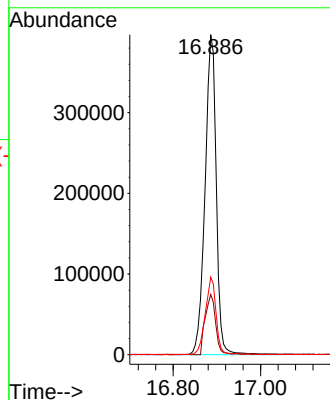
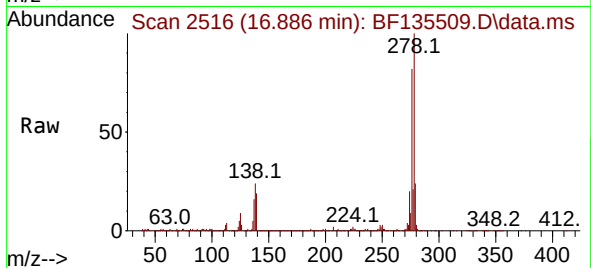
279 24.2 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#92

Benzo(g,h,i)perylene

Concen: 38.471 ng

RT: 17.321 min Scan# 2590

Delta R.T. 0.000 min

Lab File: BF135509.D

Acq: 29 Sep 2023 09:33

Tgt Ion:276 Resp: 762844

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 24.5 16.9 25.3

