

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020624\  
 Data File : BF137292.D  
 Acq On : 06 Feb 2024 15:20  
 Operator : CG\JU  
 Sample : PB158836BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB158836BS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 06 16:01:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 04:56:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.793  | 152  | 75624    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 299856   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.828  | 164  | 187949   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.322 | 188  | 385935   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.980 | 240  | 271845   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.463 | 264  | 218237   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 611209   | 133.363 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.434  | 99   | 820591   | 125.464 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 567858   | 84.787  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.628 | 330  | 298122   | 140.451 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1036074  | 75.779  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.922 | 244  | 1466910  | 73.357  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.652  | 88   | 66712    | 27.204  | ng    | 92       |
| 3) Pyridine                   | 3.399  | 79   | 169206   | 34.961  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 112723   | 45.471  | ng    | 91       |
| 6) Aniline                    | 6.457  | 93   | 291736   | 41.668  | ng    | 92       |
| 8) 2-Chlorophenol             | 6.575  | 128  | 228433   | 44.577  | ng    | 99       |
| 9) Benzaldehyde               | 6.345  | 77   | 67255    | 27.001  | ng    | 94       |
| 10) Phenol                    | 6.445  | 94   | 305845   | 41.893  | ng    | 87       |
| 11) bis(2-Chloroethyl)ether   | 6.534  | 93   | 216081   | 44.289  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.734  | 146  | 240550   | 40.037  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.810  | 146  | 240536   | 38.711  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.957  | 146  | 236883   | 40.774  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.940  | 79   | 228533   | 49.182  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 354893   | 40.380  | ng    | 99       |
| 17) 2-Methylphenol            | 7.045  | 107  | 190471   | 44.491  | ng    | 98       |
| 18) Hexachloroethane          | 7.298  | 117  | 91328    | 40.753  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 192475   | 42.920  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 247074   | 45.589  | ng    | 92       |
| 22) Acetophenone              | 7.204  | 105  | 347677   | 43.069  | ng    | 95       |
| 24) Nitrobenzene              | 7.375  | 77   | 283224   | 43.570  | ng    | 99       |
| 25) Isophorone                | 7.616  | 82   | 521690   | 42.200  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.687  | 139  | 112450   | 44.852  | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 7.728  | 122  | 161611   | 45.737  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.828  | 93   | 279928   | 42.641  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 200208   | 45.674  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.010  | 180  | 223379   | 41.026  | ng    | 98       |
| 31) Naphthalene               | 8.092  | 128  | 662444   | 40.865  | ng    | 99       |
| 32) Benzoic acid              | 7.869  | 122  | 139588   | 54.505  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.145  | 127  | 182470   | 32.724  | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.210  | 225  | 151310   | 41.794  | ng    | 94       |
| 35) Caprolactam               | 8.528  | 113  | 55325m   | 40.591  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 243554   | 47.042  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.781  | 142  | 456180   | 41.975  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.881  | 142  | 429170   | 42.517  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.951  | 216  | 246069   | 39.127  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.934  | 237  | 307965   | 102.815 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 160260   | 44.928  | ng    | 99       |

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Manual Integrations  
 APPROVED

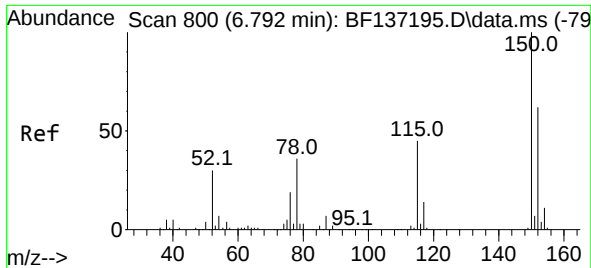
Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 06 16:01:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.104  | 196  | 170974   | 43.850  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 594173   | 39.734  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.275  | 162  | 438042   | 39.582  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.375  | 65   | 177429   | 49.535  | ng    | 95       |
| 49) Acenaphthylene            | 9.692  | 152  | 723457   | 40.835  | ng    | 99       |
| 50) Dimethylphthalate         | 9.563  | 163  | 557021   | 43.869  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 127916   | 47.244  | ng    | 93       |
| 52) Acenaphthene              | 9.863  | 154  | 434193   | 41.699  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.792  | 138  | 100075   | 41.072  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.898  | 184  | 145586   | 114.895 | ng    | 91       |
| 55) Dibenzofuran              | 10.039 | 168  | 684131   | 41.297  | ng    | 99       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 196094   | 124.719 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.028 | 165  | 177716   | 50.586  | ng    | 97       |
| 58) Fluorene                  | 10.381 | 166  | 554430   | 42.691  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232  | 170694m  | 47.051  | ng    |          |
| 60) Diethylphthalate          | 10.263 | 149  | 560508   | 44.833  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.375 | 204  | 268171   | 41.543  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.416 | 138  | 123541m  | 52.971  | ng    |          |
| 63) Azobenzene                | 10.533 | 77   | 596358   | 43.070  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.433 | 198  | 103228   | 50.211  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.498 | 169  | 483247   | 41.181  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.869 | 248  | 178753   | 42.123  | ng    | 98       |
| 68) Hexachlorobenzene         | 10.928 | 284  | 194447   | 41.022  | ng    | 96       |
| 69) Atrazine                  | 11.033 | 200  | 175570   | 45.322  | ng    | 98       |
| 70) Pentachlorophenol         | 11.128 | 266  | 269567   | 99.207  | ng    | 98       |
| 71) Phenanthrene              | 11.351 | 178  | 843910   | 41.769  | ng    | 99       |
| 72) Anthracene                | 11.398 | 178  | 894804   | 42.491  | ng    | 99       |
| 73) Carbazole                 | 11.557 | 167  | 775081   | 44.040  | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 881810   | 46.351  | ng    | 99       |
| 75) Fluoranthene              | 12.539 | 202  | 936786   | 44.310  | ng    | 97       |
| 77) Benzidine                 | 12.669 | 184  | 382280   | 78.532  | ng    | 98       |
| 78) Pyrene                    | 12.774 | 202  | 972122   | 37.211  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 355022   | 53.124  | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.969 | 228  | 797435   | 41.420  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 236099   | 45.012  | ng    | 99       |
| 83) Chrysene                  | 14.010 | 228  | 794044   | 41.952  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.969 | 149  | 474831   | 61.071  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 768239   | 62.143  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 512167   | 33.404  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 642361   | 47.861  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.063 | 252  | 610797   | 43.019  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.404 | 252  | 528346   | 41.831  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 412810   | 33.602  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 391236   | 32.447  | ng    | 100      |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.793 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

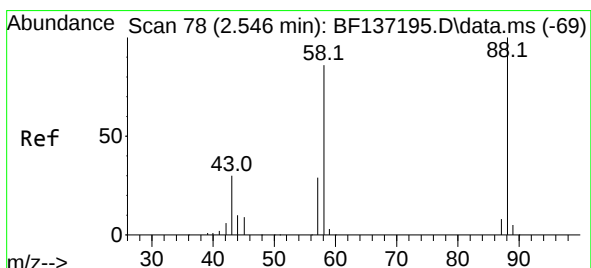
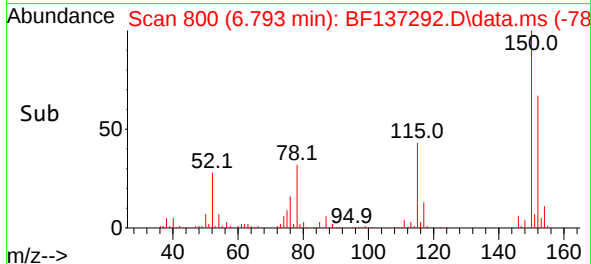
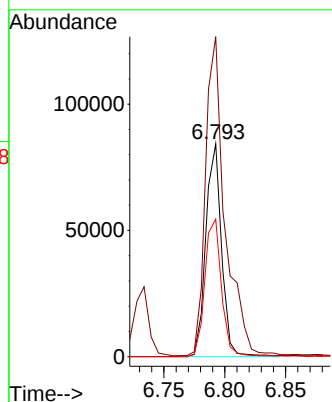
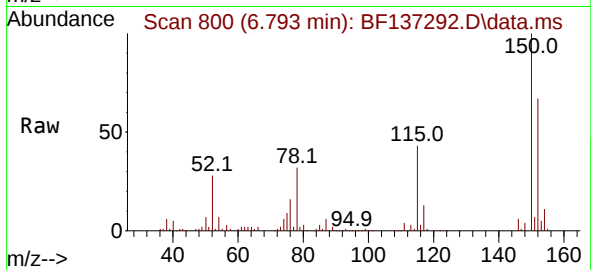
PB158836BS

Tgt Ion:152 Resp: 75624  
Ion Ratio Lower Upper  
152 100  
150 150.4 129.8 194.8  
115 64.6 58.5 87.7

Manual Integrations

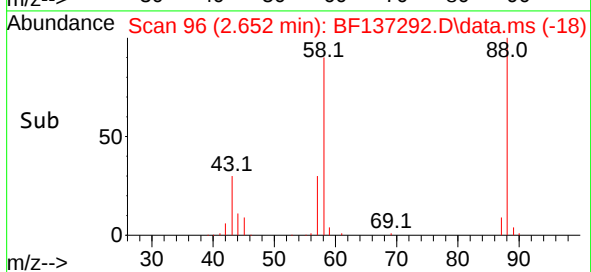
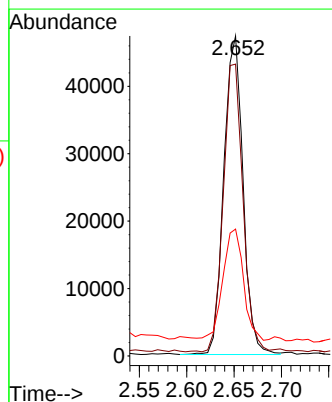
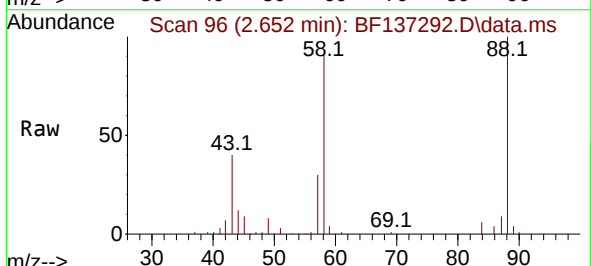
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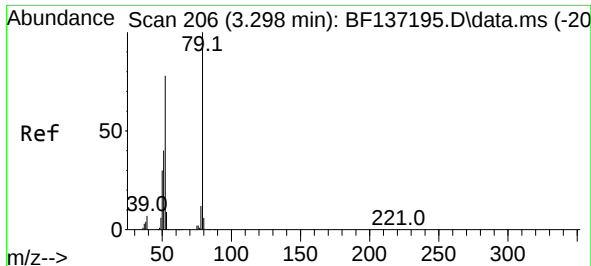
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#2  
1,4-Dioxane  
Concen: 27.204 ng  
RT: 2.652 min Scan# 96  
Delta R.T. 0.106 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion: 88 Resp: 66712  
Ion Ratio Lower Upper  
88 100  
58 92.9 67.8 101.8  
43 36.6 26.6 40.0





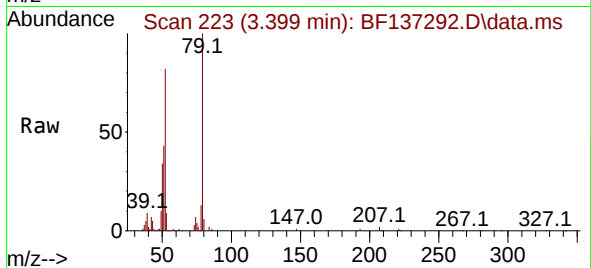
#3  
Pyridine  
Concen: 34.961 ng  
RT: 3.399 min Scan# 218  
Delta R.T. 0.101 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

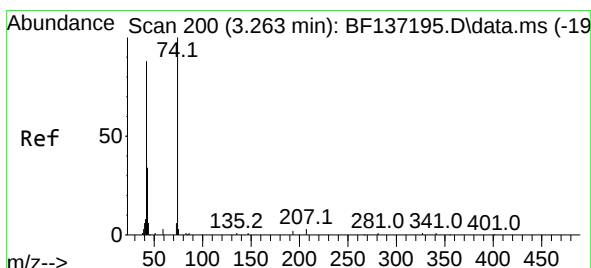
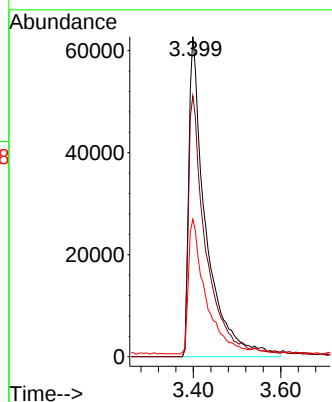
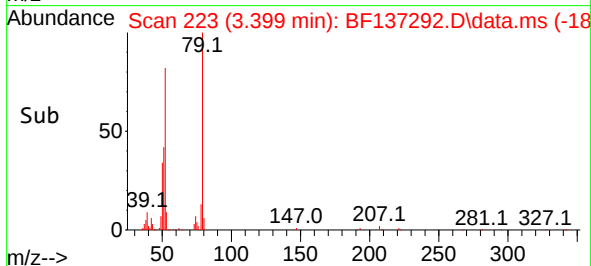


Tgt Ion: 79 Resp: 169200  
Ion Ratio Lower Upper  
79 100  
52 81.6 62.6 94.0  
51 42.9 33.0 49.4

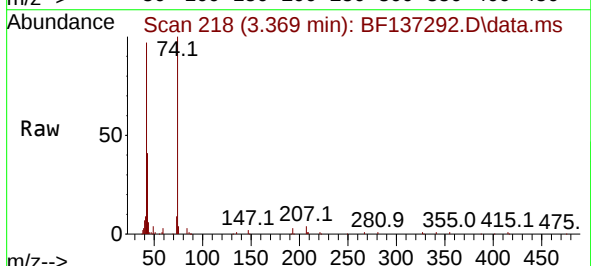
Manual Integrations

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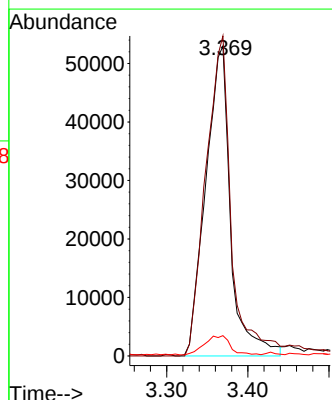
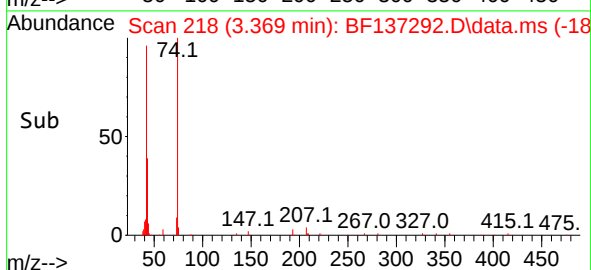
Reviewed By :Jagrut Upadhyay 02/07/2024  
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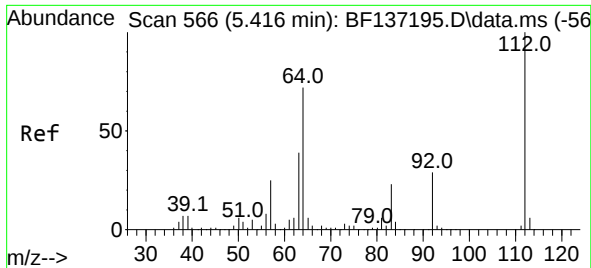


#4  
n-Nitrosodimethylamine  
Concen: 45.471 ng  
RT: 3.369 min Scan# 218  
Delta R.T. 0.106 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion: 42 Resp: 112723  
Ion Ratio Lower Upper  
42 100  
74 103.3 90.5 135.7  
44 6.6 6.1 9.1





#5  
2-Fluorophenol  
Concen: 133.363 ng  
RT: 5.434 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

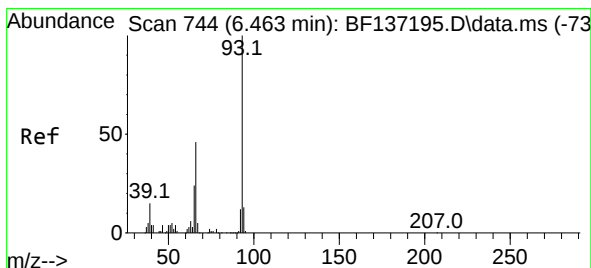
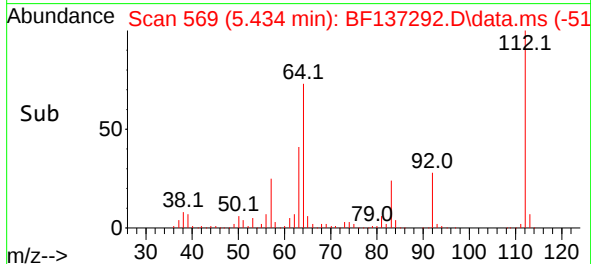
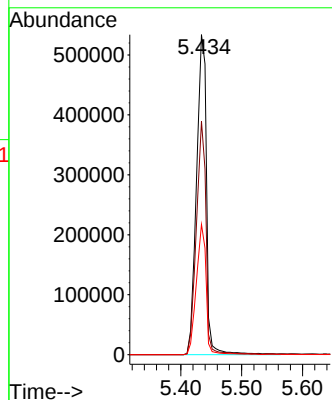
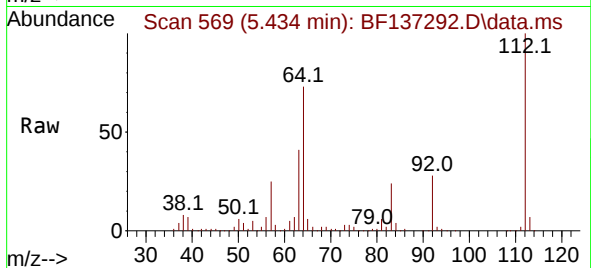
PB158836BS

Tgt Ion:112 Resp: 611209  
Ion Ratio Lower Upper  
112 100  
64 72.9 57.8 86.6  
63 40.7 31.4 47.0

Manual Integrations

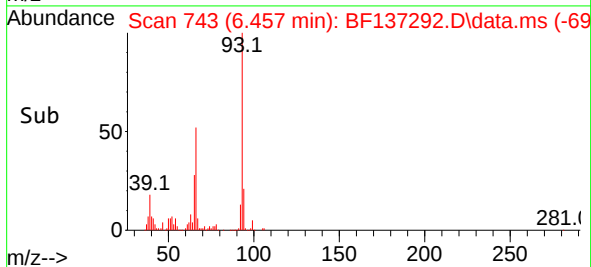
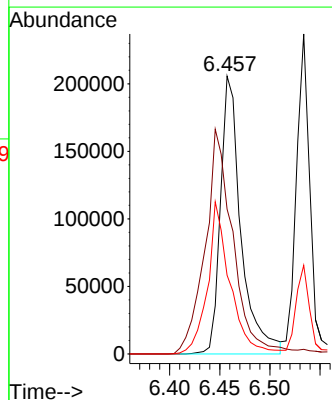
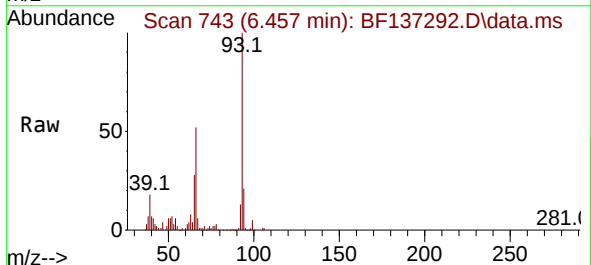
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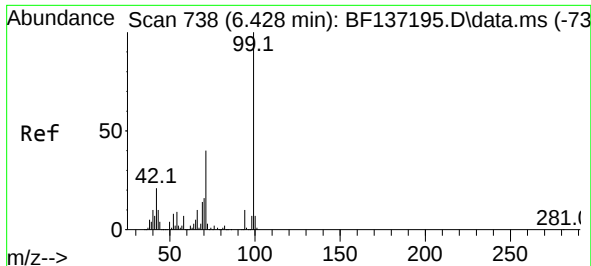
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#6  
Aniline  
Concen: 41.668 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion: 93 Resp: 291736  
Ion Ratio Lower Upper  
93 100  
66 52.1 37.9 56.9  
65 28.3 19.0 28.4





#7

Phenol-d6

Concen: 125.464 ng

RT: 6.434 min Scan# 739

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

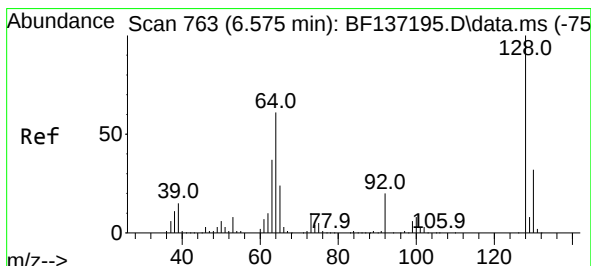
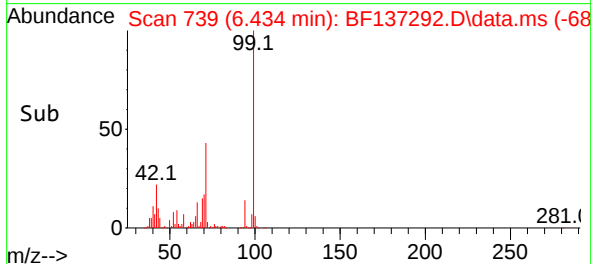
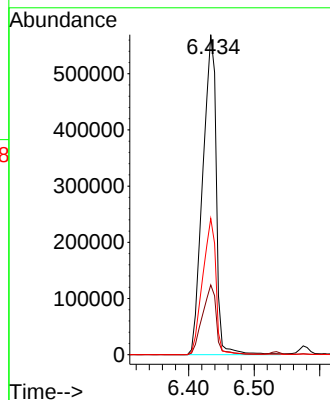
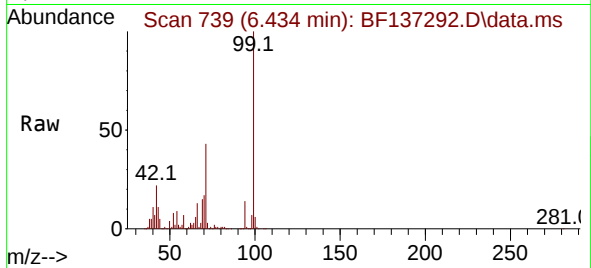
PB158836BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 82059 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.8  | 16.4  | 24.6  |
| 71       | 42.6  | 32.4  | 48.6  |

Manual Integrations

APPROVED

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#8

2-Chlorophenol

Concen: 44.577 ng

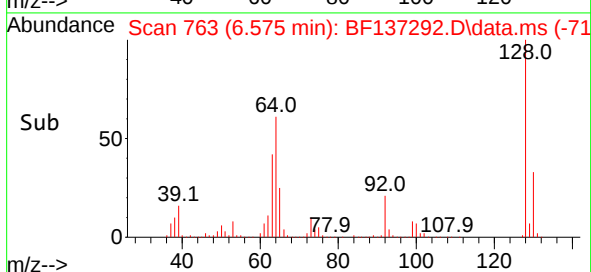
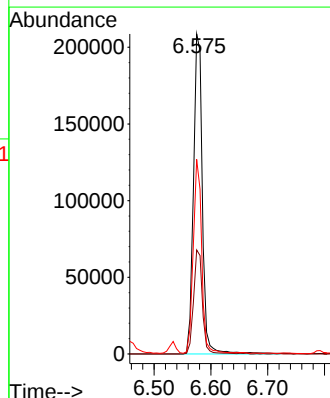
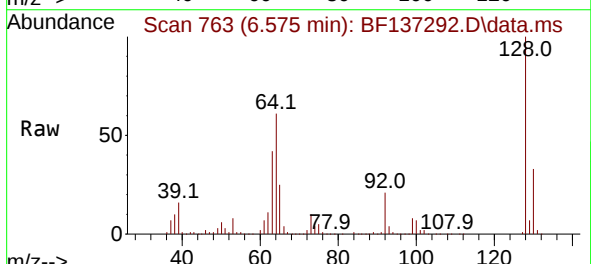
RT: 6.575 min Scan# 763

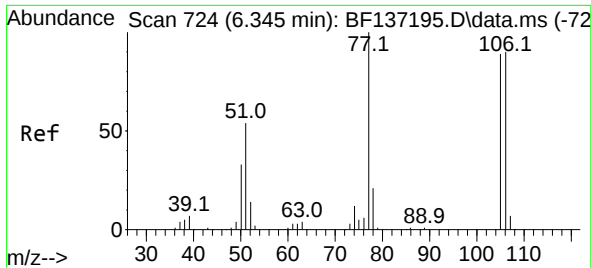
Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 228433 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.5  | 12.4  | 52.4   |
| 64       | 60.8  | 41.6  | 81.6   |





#9

Benzaldehyde

Concen: 27.001 ng

RT: 6.345 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

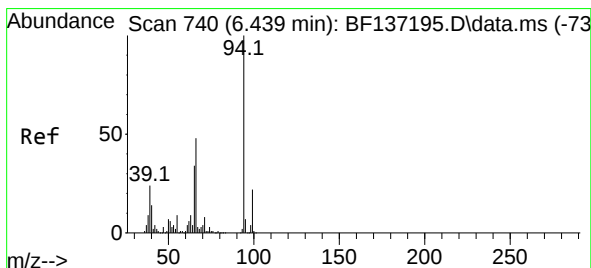
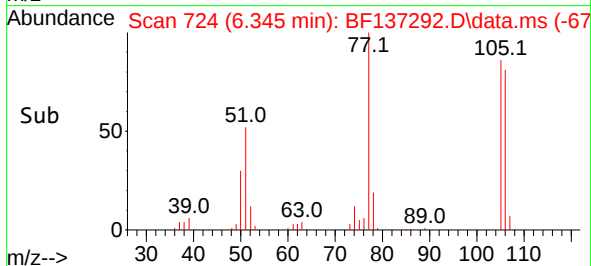
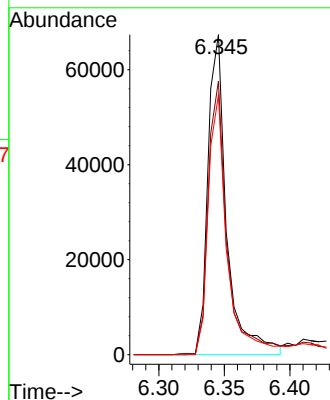
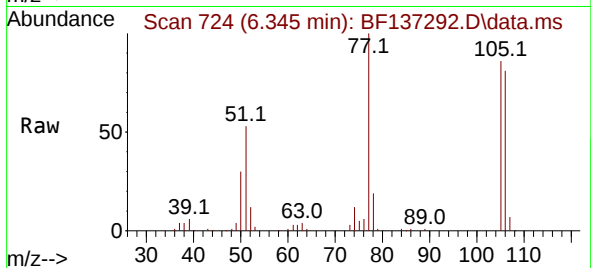
PB158836BS

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 6725  |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 85.5    | 69.1 109.1  |
| 106 81.1    | 69.6 109.6  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#10

Phenol

Concen: 41.893 ng

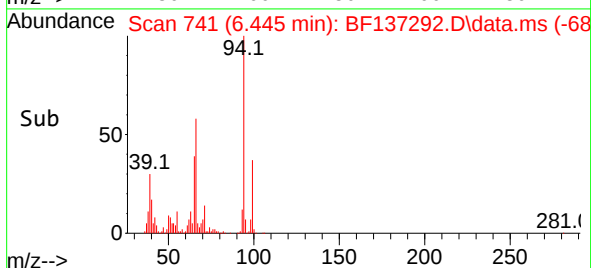
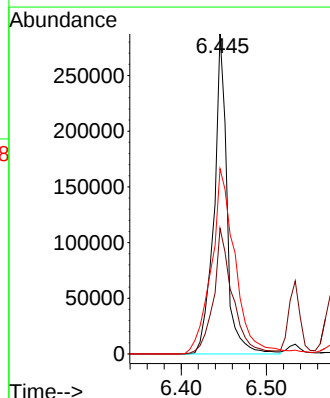
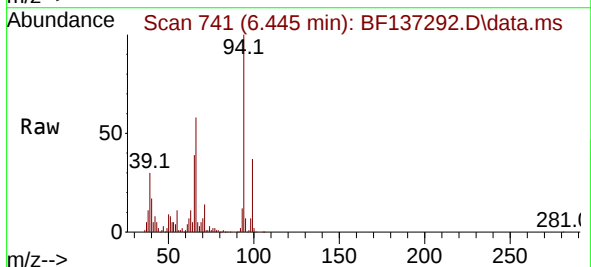
RT: 6.445 min Scan# 741

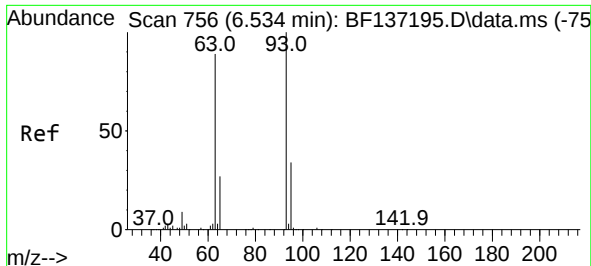
Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

|             |              |
|-------------|--------------|
| Tgt Ion: 94 | Resp: 305845 |
| Ion Ratio   | Lower Upper  |
| 94 100      |              |
| 65 39.2     | 13.7 53.7    |
| 66 57.9     | 27.8 67.8    |





#11  
bis(2-Chloroethyl)ether  
Concen: 44.289 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

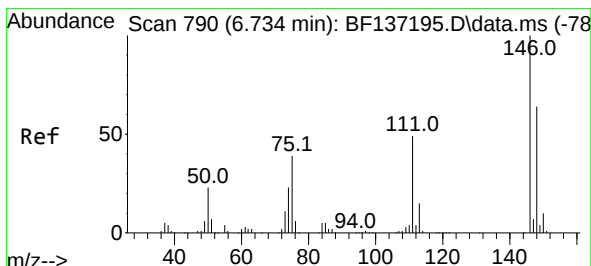
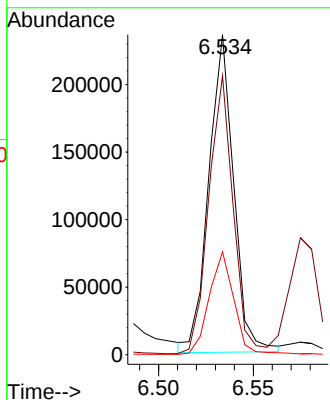
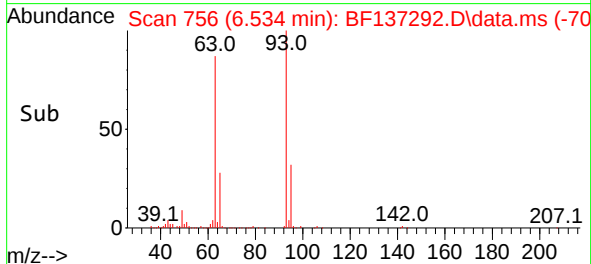
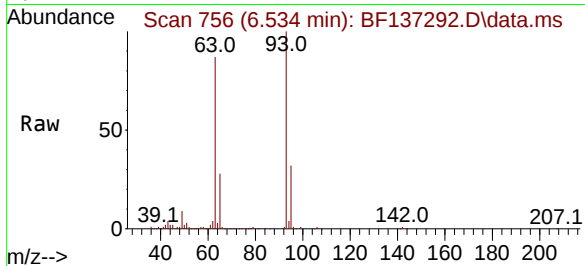
ClientSampleId :

PB158836BS

Tgt Ion: 93 Resp: 21608  
Ion Ratio Lower Upper  
93 100  
63 87.2 66.7 106.7  
95 32.1 12.7 52.7

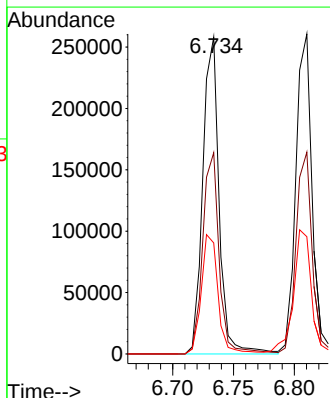
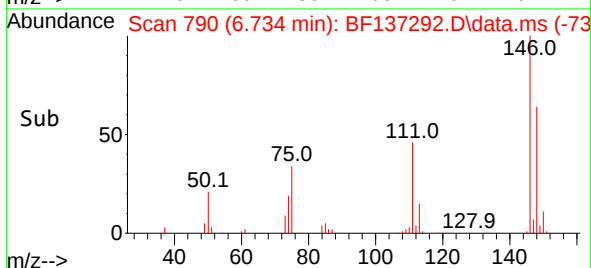
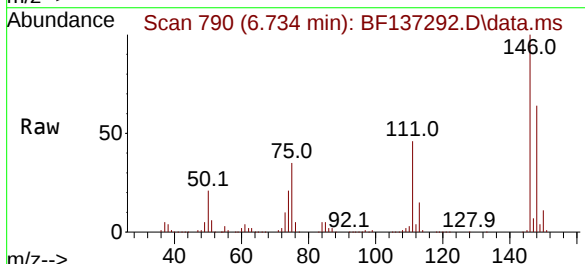
Manual Integrations  
APPROVED

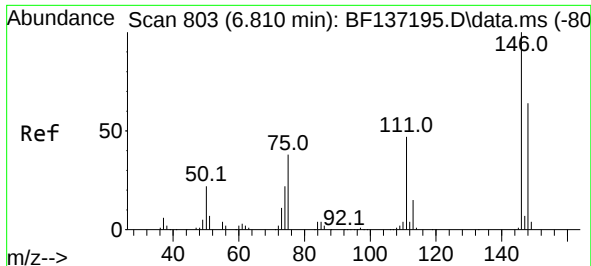
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#12  
1,3-Dichlorobenzene  
Concen: 40.037 ng  
RT: 6.734 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:146 Resp: 240550  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.4 77.0  
75 35.0 31.3 46.9





#13  
1,4-Dichlorobenzene  
Concen: 38.711 ng  
RT: 6.810 min Scan# 803  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

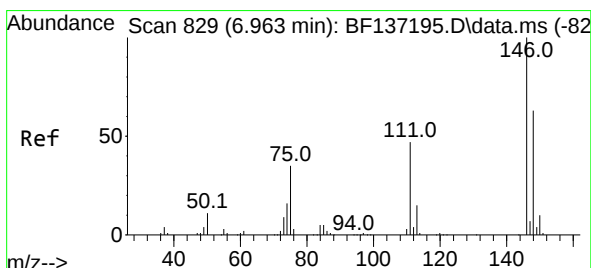
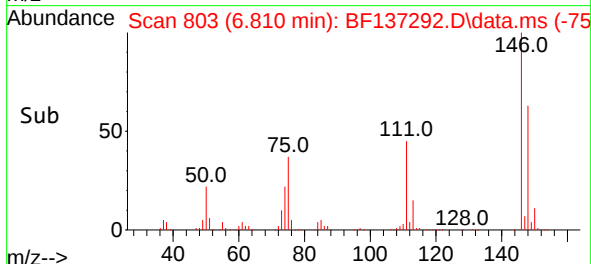
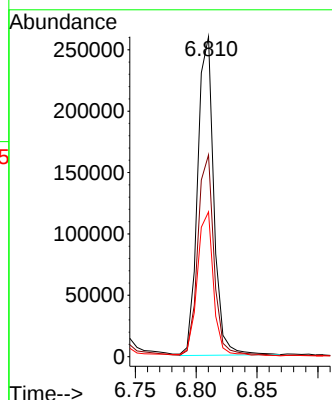
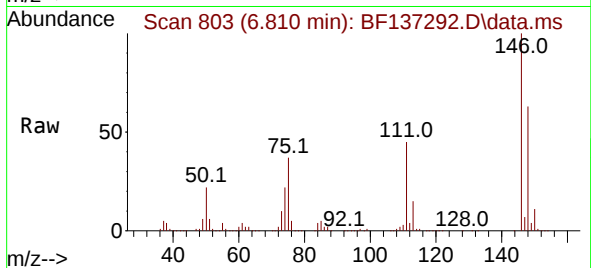
PB158836BS

Tgt Ion:146 Resp: 240530  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.5 77.3  
111 45.3 38.1 57.1

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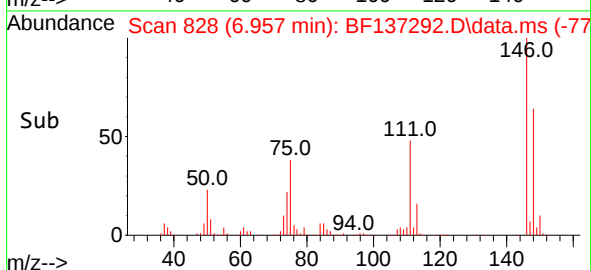
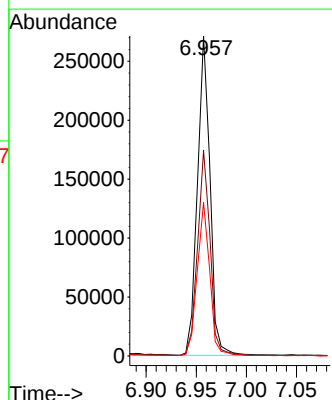
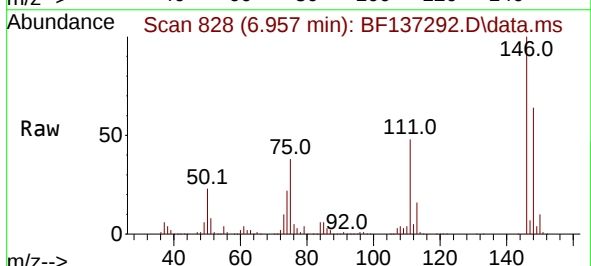
APPROVED

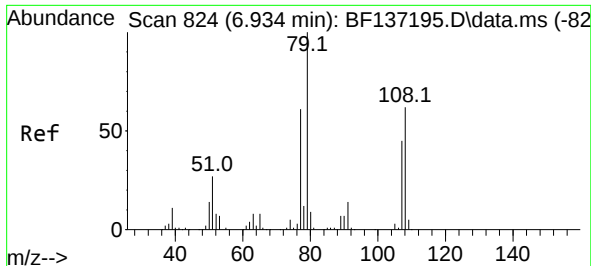
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#14  
1,2-Dichlorobenzene  
Concen: 40.774 ng  
RT: 6.957 min Scan# 828  
Delta R.T. -0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:146 Resp: 236883  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.6 75.8  
111 48.0 37.3 55.9





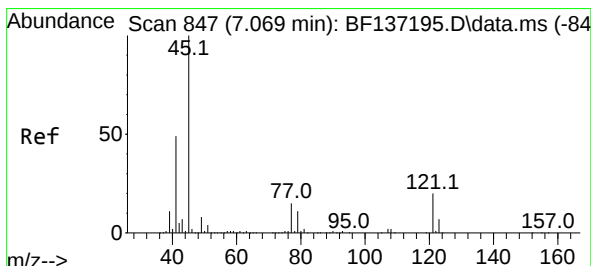
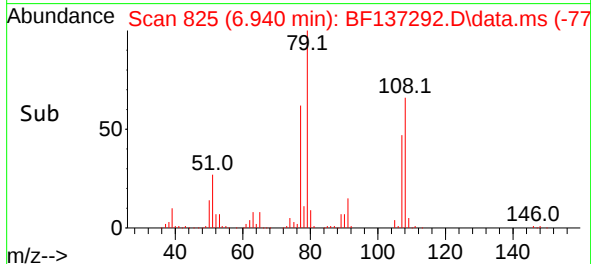
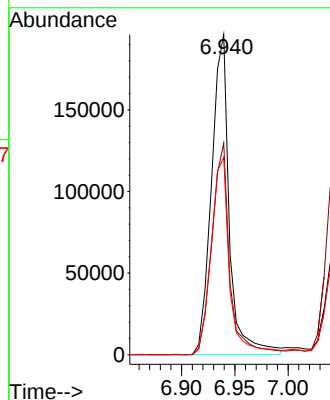
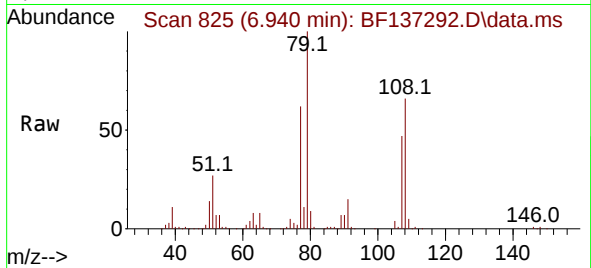
#15  
Benzyl Alcohol  
Concen: 49.182 ng  
RT: 6.940 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS

Tgt Ion: 79 Resp: 22853  
Ion Ratio Lower Upper  
79 100  
108 66.1 49.3 73.9  
77 61.6 48.8 73.2

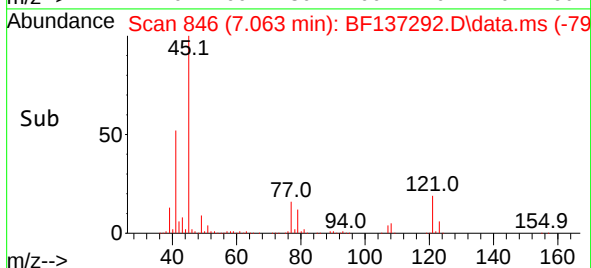
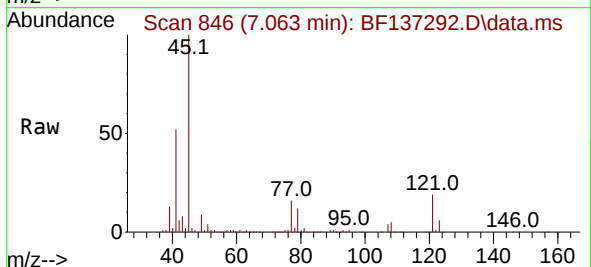
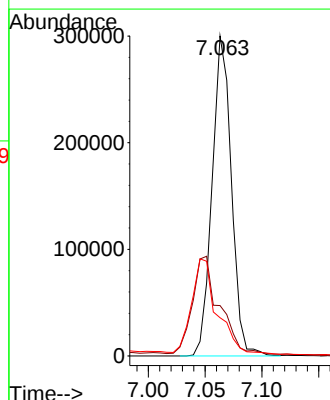
Manual Integrations  
APPROVED

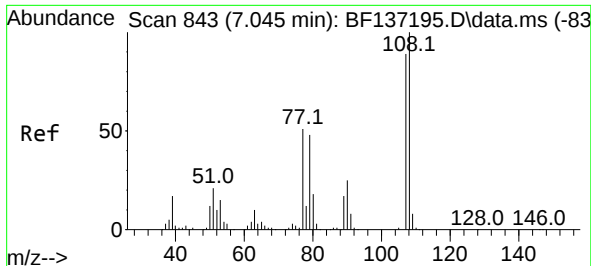
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.380 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion: 45 Resp: 354893  
Ion Ratio Lower Upper  
45 100  
77 15.8 0.0 35.9  
79 12.0 0.0 32.4





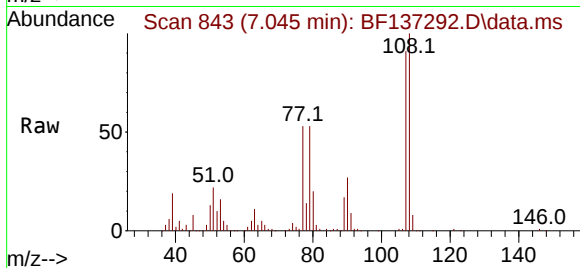
#17  
2-Methylphenol  
Concen: 44.491 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

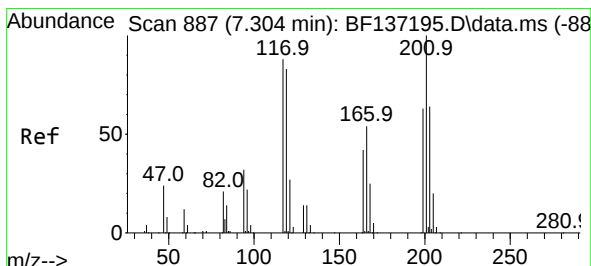
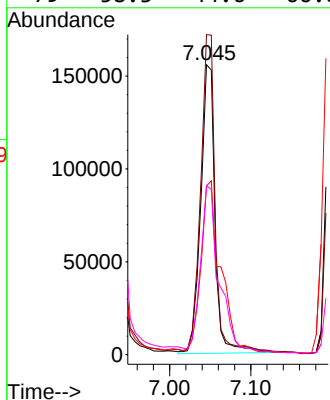
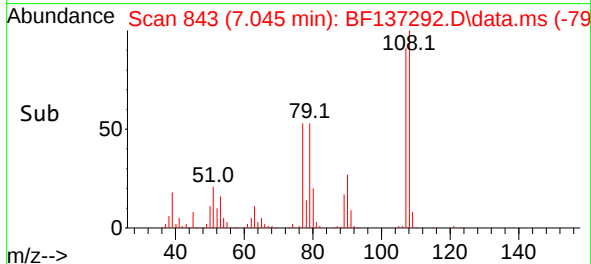


Tgt Ion:107 Resp: 19047  
Ion Ratio Lower Upper  
107 100  
108 110.4 89.9 134.9  
77 58.2 46.6 69.8  
79 58.3 44.6 66.8

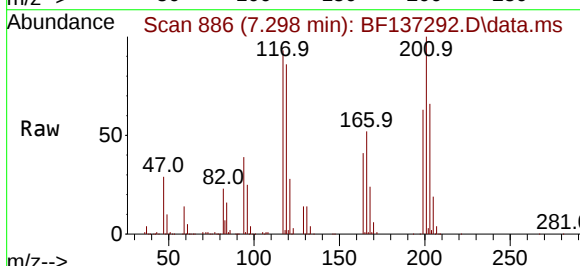
Manual Integrations

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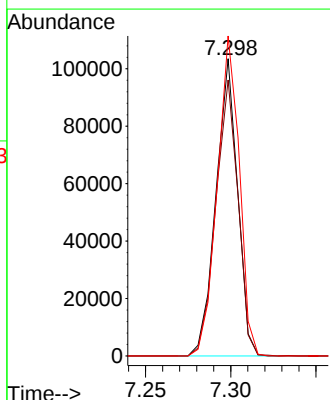
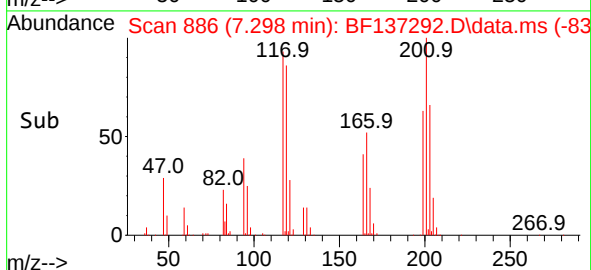
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

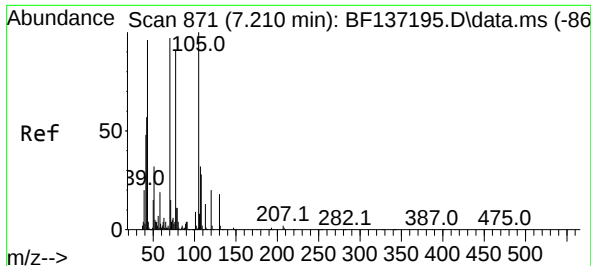


#18  
Hexachloroethane  
Concen: 40.753 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



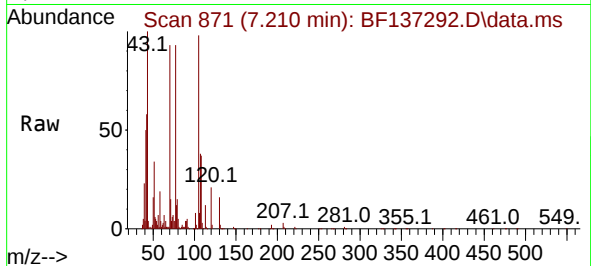
Tgt Ion:117 Resp: 91328  
Ion Ratio Lower Upper  
117 100  
119 92.8 76.2 114.4  
201 107.6 91.4 137.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.920 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

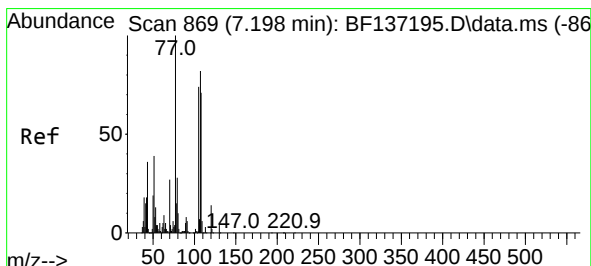
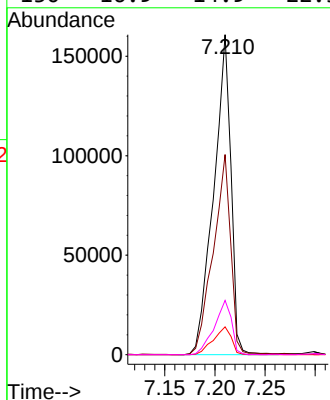
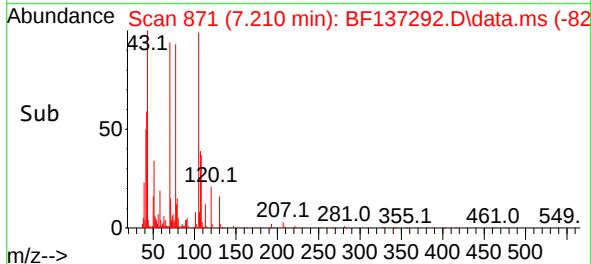
Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS



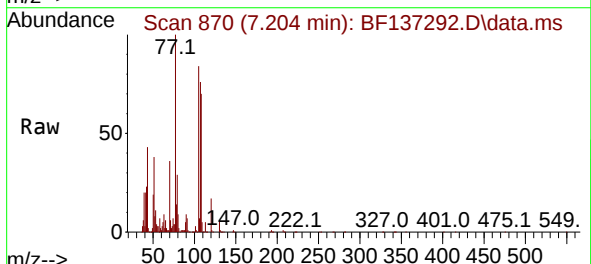
Tgt Ion: 70 Resp: 192474  
Ion Ratio Lower Upper  
70 100  
42 62.6 47.2 70.8  
101 8.7 7.4 11.0  
130 16.9 14.9 22.3

Manual Integrations  
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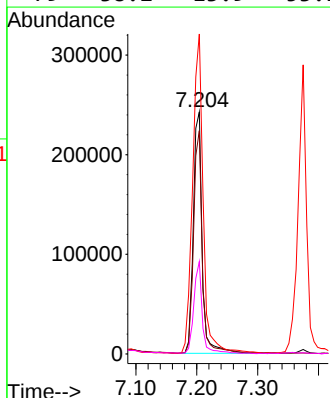
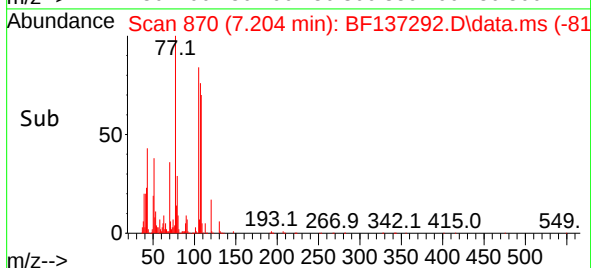
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

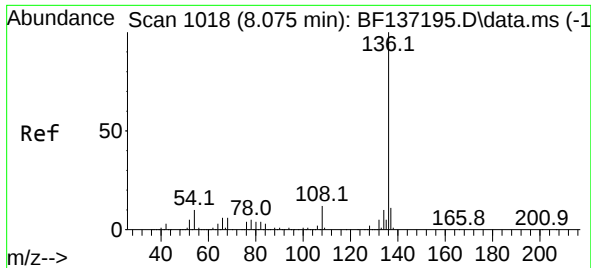


#20  
3+4-Methylphenols  
Concen: 45.589 ng  
RT: 7.204 min Scan# 870  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:107 Resp: 247074  
Ion Ratio Lower Upper  
107 100  
108 92.3 66.3 106.3  
77 132.3 101.4 141.4  
79 38.2 13.9 53.9





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

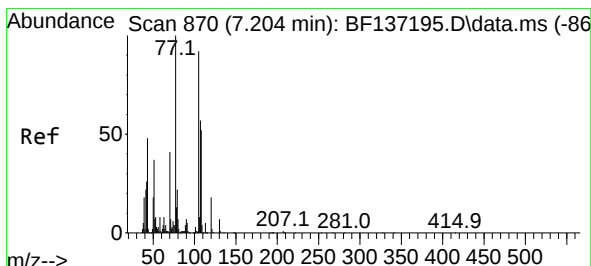
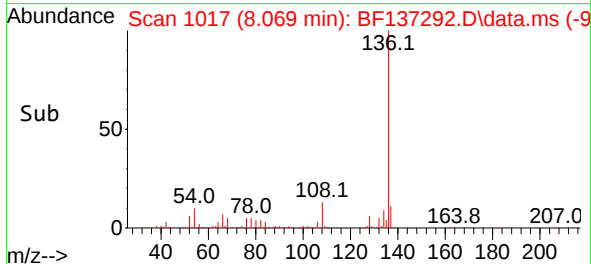
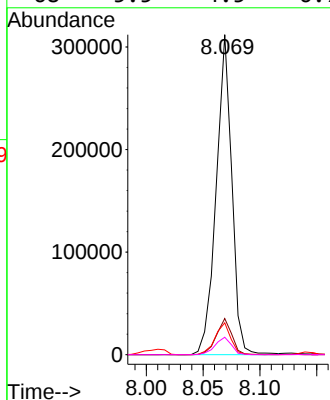
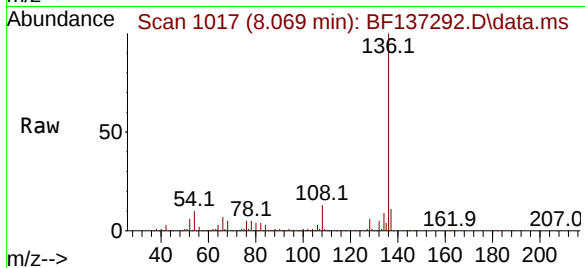
PB158836BS

Tgt Ion:136 Resp: 299850  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 9.9 7.8 11.8  
68 5.5 4.5 6.7

Manual Integrations

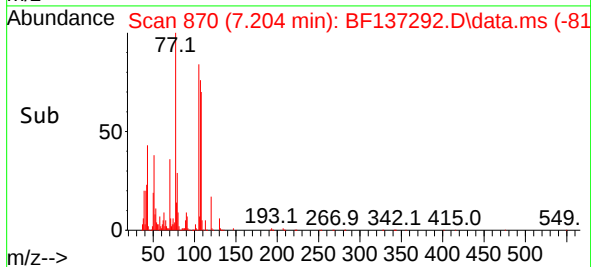
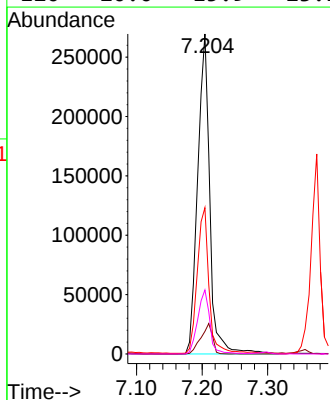
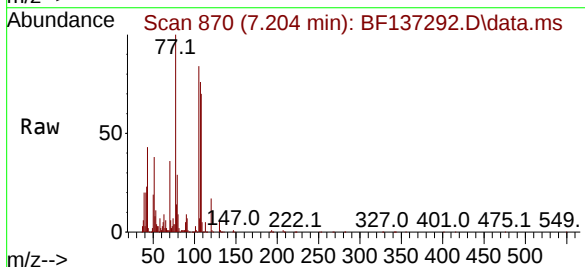
APPROVED

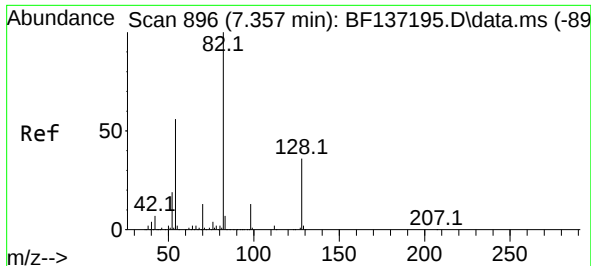
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#22  
Acetophenone  
Concen: 43.069 ng  
RT: 7.204 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:105 Resp: 347677  
Ion Ratio Lower Upper  
105 100  
71 7.1 5.7 8.5  
51 45.7 32.2 48.4  
120 20.0 15.9 23.9





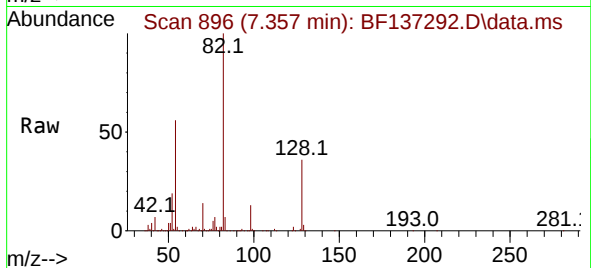
#23  
Nitrobenzene-d5  
Concen: 84.787 ng  
RT: 7.357 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

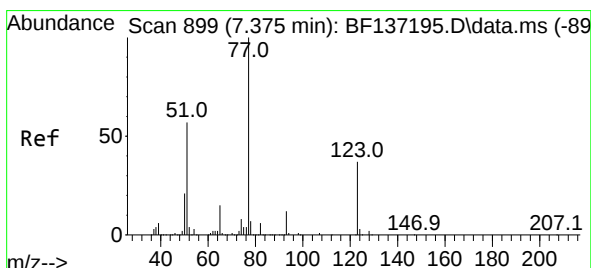
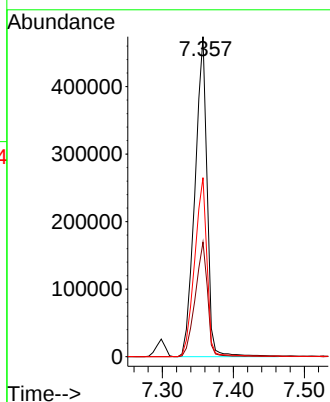
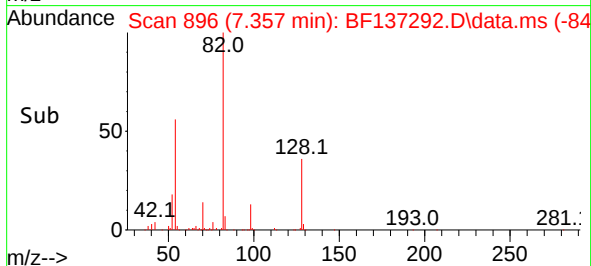


Tgt Ion: 82 Resp: 56785  
Ion Ratio Lower Upper  
82 100  
128 35.8 29.1 43.7  
54 56.0 45.0 67.6

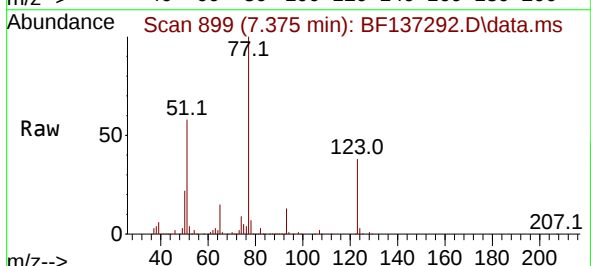
Manual Integrations

APPROVED

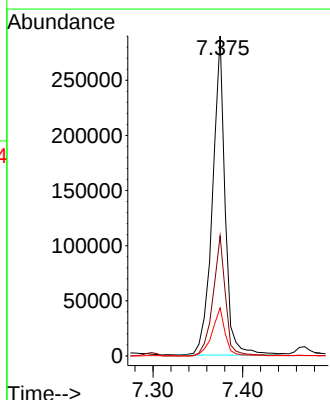
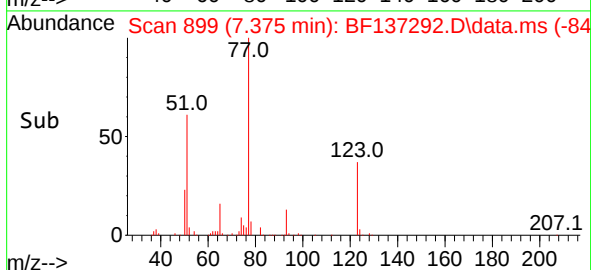
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

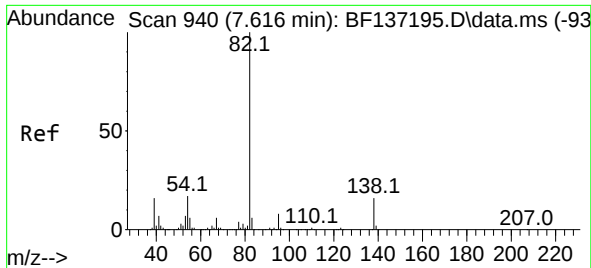


#24  
Nitrobenzene  
Concen: 43.570 ng  
RT: 7.375 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



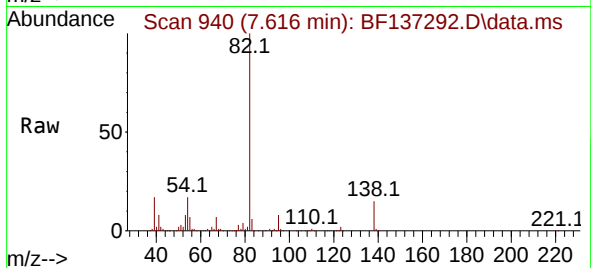
Tgt Ion: 77 Resp: 283224  
Ion Ratio Lower Upper  
77 100  
123 37.6 29.3 43.9  
65 15.0 12.0 18.0





#25  
Isophorone  
Concen: 42.200 ng  
RT: 7.616 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

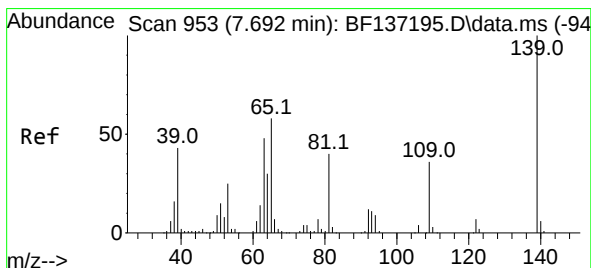
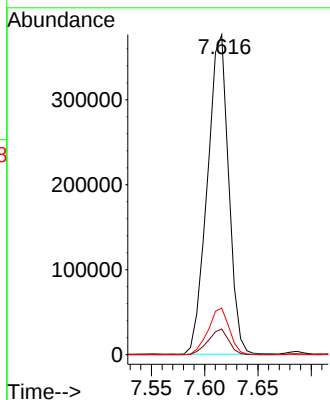
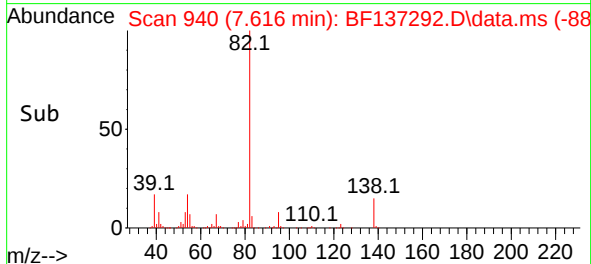
Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS



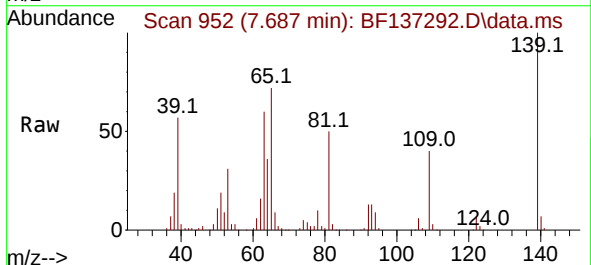
Tgt Ion: 82 Resp: 521690  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.4 9.6  
138 14.6 12.7 19.1

Manual Integrations  
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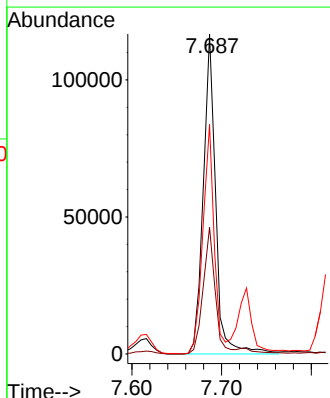
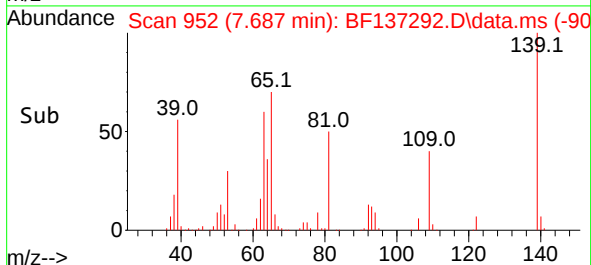
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

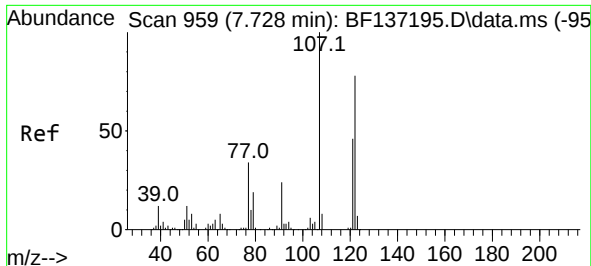


#26  
2-Nitrophenol  
Concen: 44.852 ng  
RT: 7.687 min Scan# 952  
Delta R.T. -0.005 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:139 Resp: 112450  
Ion Ratio Lower Upper  
139 100  
109 39.6 28.5 42.7  
65 71.7 46.7 70.1#





#27

2,4-Dimethylphenol

Concen: 45.737 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

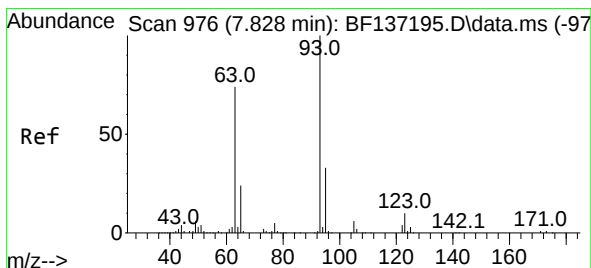
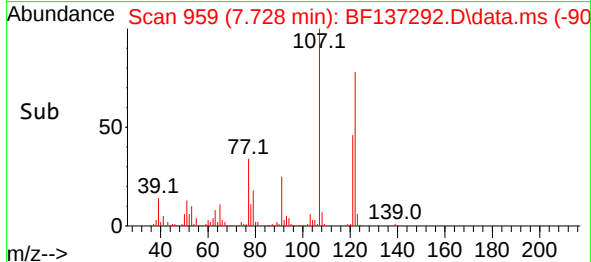
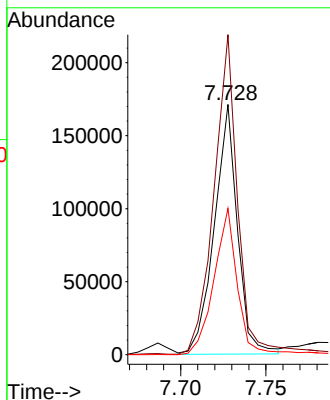
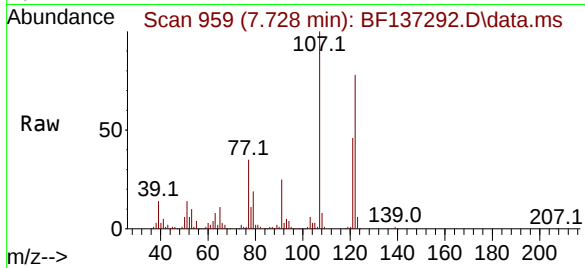
PB158836BS

Tgt Ion:122 Resp: 16161  
 Ion Ratio Lower Upper  
 122 100  
 107 127.9 101.8 152.6  
 121 58.4 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.641 ng

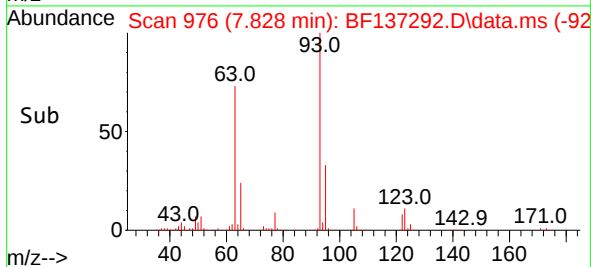
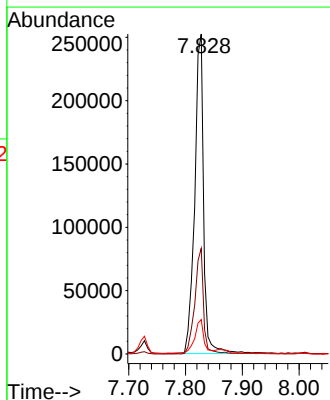
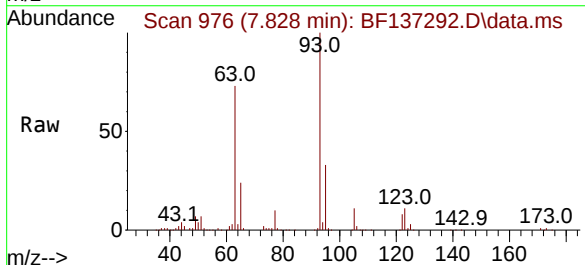
RT: 7.828 min Scan# 976

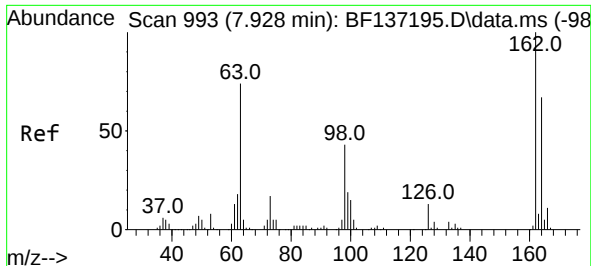
Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Tgt Ion: 93 Resp: 279928  
 Ion Ratio Lower Upper  
 93 100  
 95 33.0 26.1 39.1  
 123 10.7 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 45.674 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

Tgt Ion:162 Resp: 200208

Ion Ratio Lower Upper

162 100

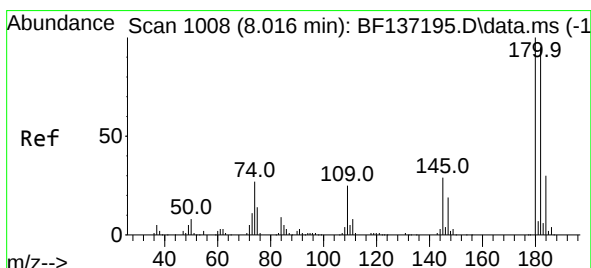
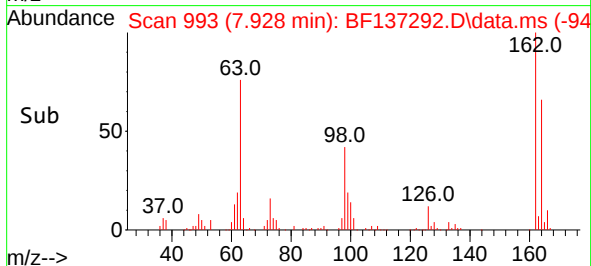
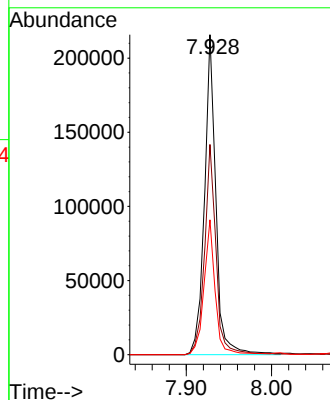
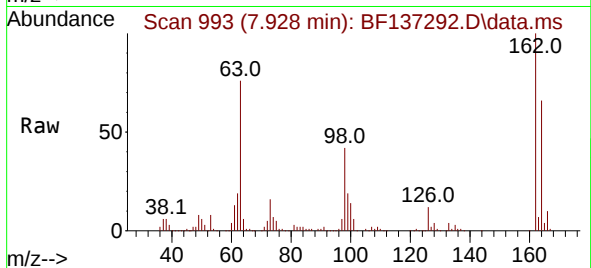
164 65.7 46.7 86.7

98 42.2 22.9 62.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.026 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

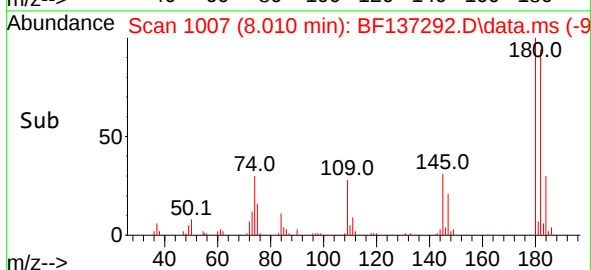
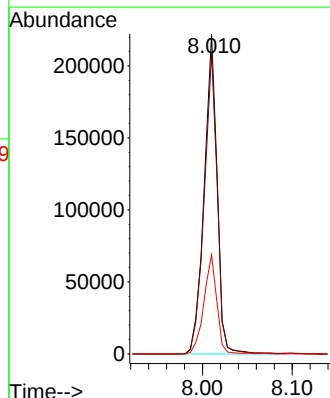
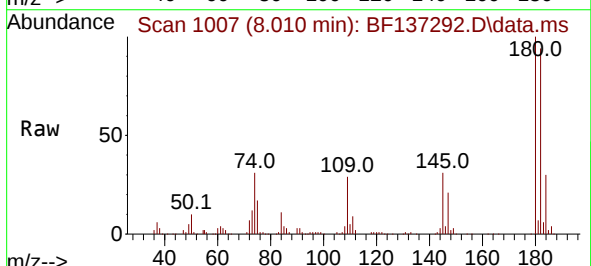
Tgt Ion:180 Resp: 223379

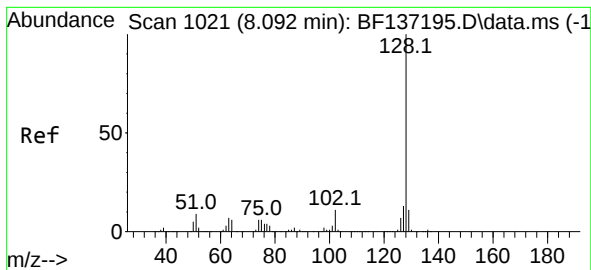
Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 31.0 23.2 34.8





#31  
Naphthalene  
Concen: 40.865 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

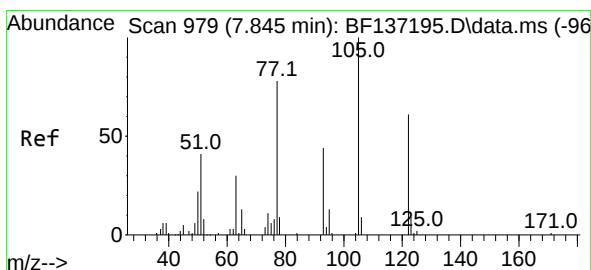
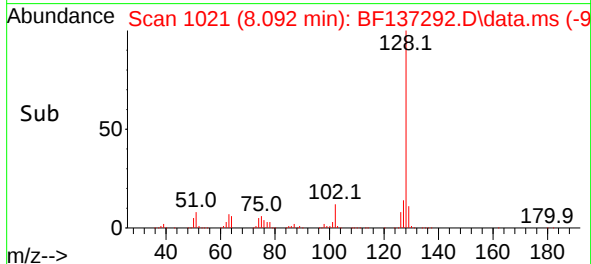
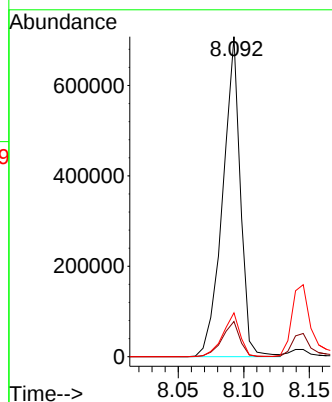
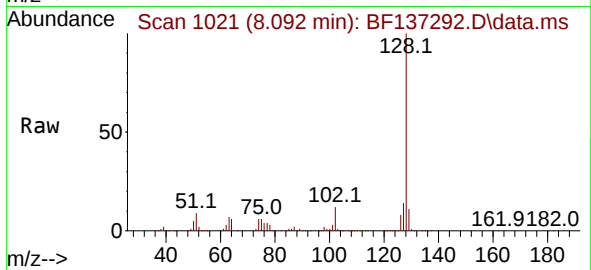
PB158836BS

Tgt Ion:128 Resp: 662444  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.7 10.5 15.7

Manual Integrations

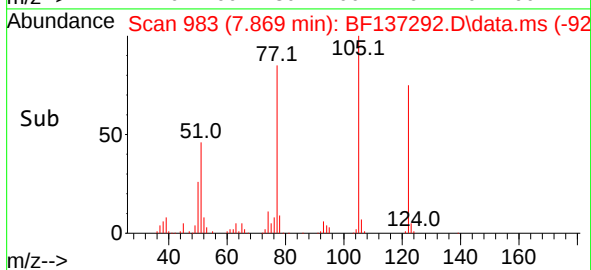
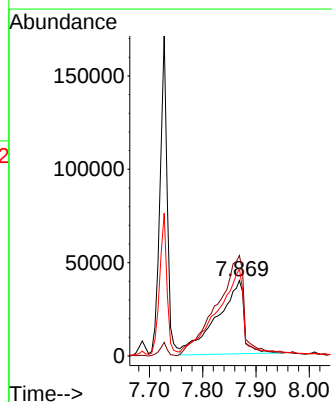
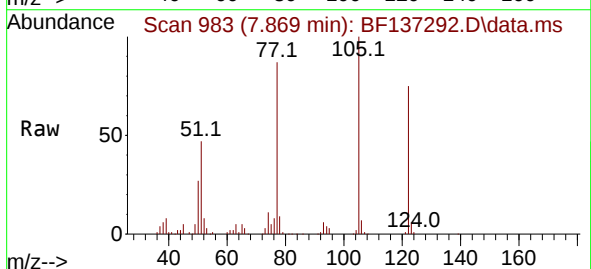
APPROVED

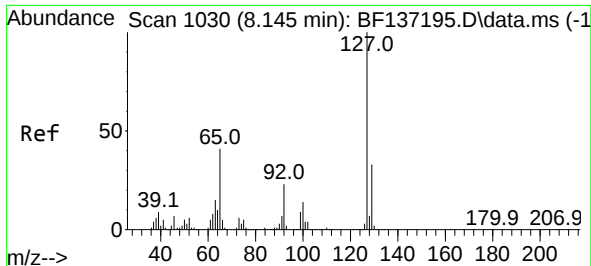
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#32  
Benzoic acid  
Concen: 54.505 ng  
RT: 7.869 min Scan# 983  
Delta R.T. 0.024 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:122 Resp: 139588  
Ion Ratio Lower Upper  
122 100  
105 133.3 122.5 162.5  
77 115.7 96.4 136.4





#33  
4-Chloroaniline  
Concen: 32.724 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

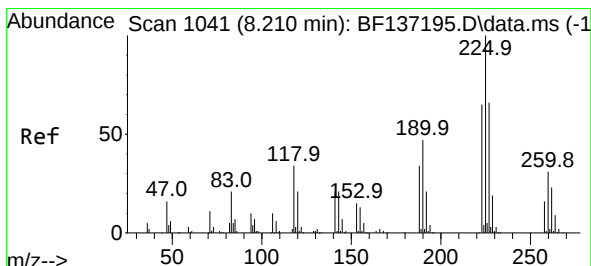
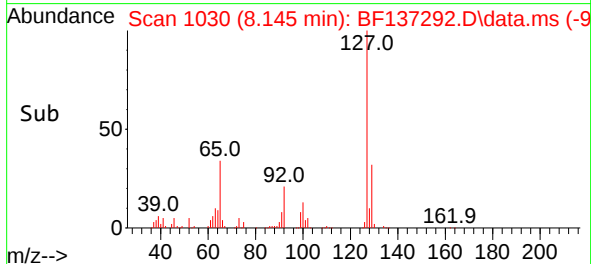
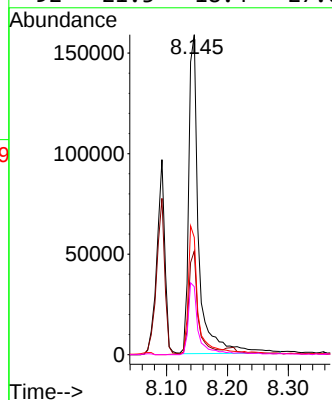
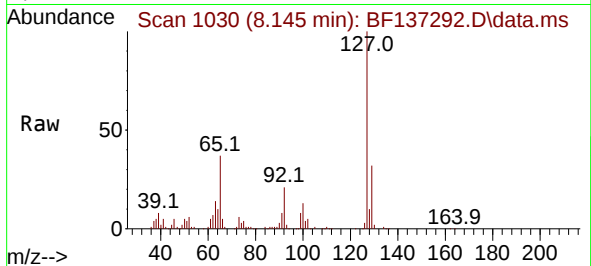
PB158836BS

Tgt Ion:127 Resp: 182470  
Ion Ratio Lower Upper  
127 100  
129 32.3 26.8 40.2  
65 36.7 32.9 49.3  
92 21.3 18.4 27.6

Manual Integrations

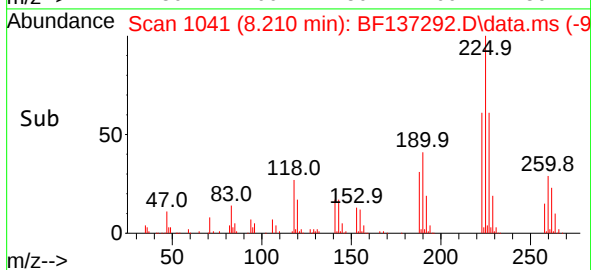
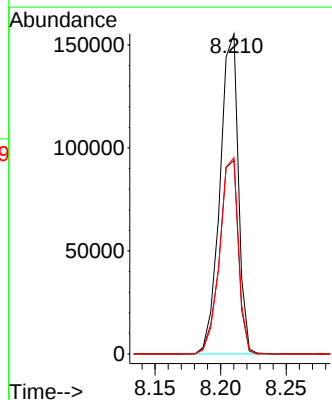
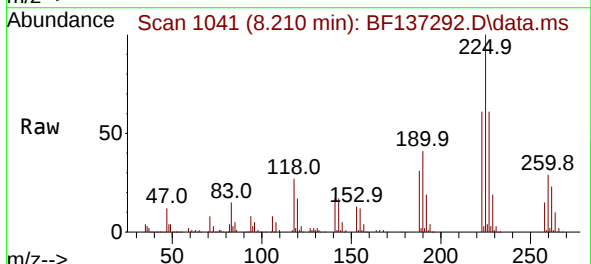
APPROVED

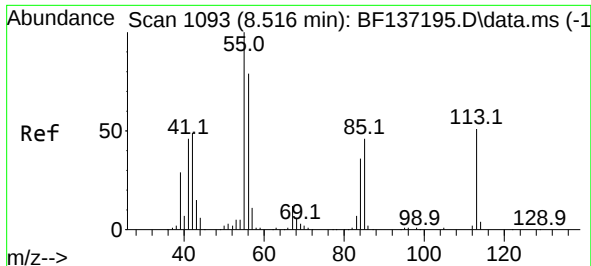
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#34  
Hexachlorobutadiene  
Concen: 41.794 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

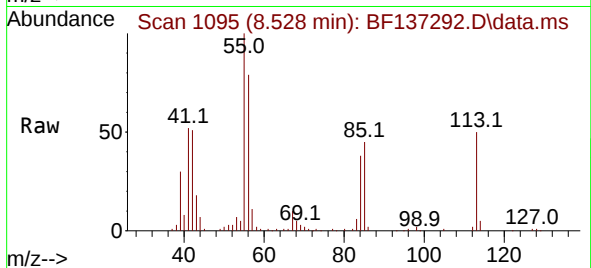
Tgt Ion:225 Resp: 151310  
Ion Ratio Lower Upper  
225 100  
223 60.5 52.0 78.0  
227 61.4 52.9 79.3





#35  
Caprolactam  
Concen: 40.591 ng m  
RT: 8.528 min Scan# 1095  
Delta R.T. 0.012 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

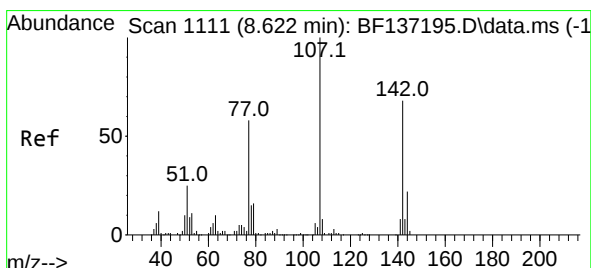
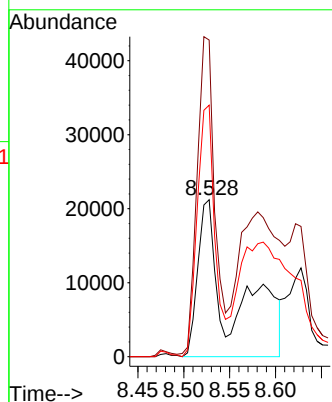
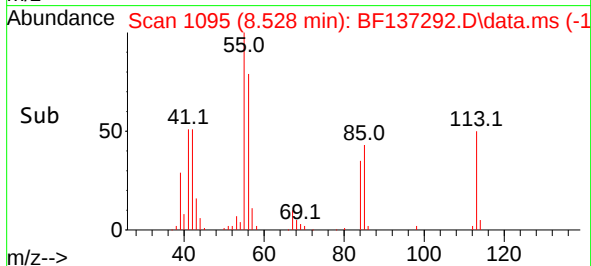
Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS



Tgt Ion:113 Resp: 55329  
Ion Ratio Lower Upper  
113 100  
55 201.7 176.0 216.0  
56 160.3 134.0 174.0

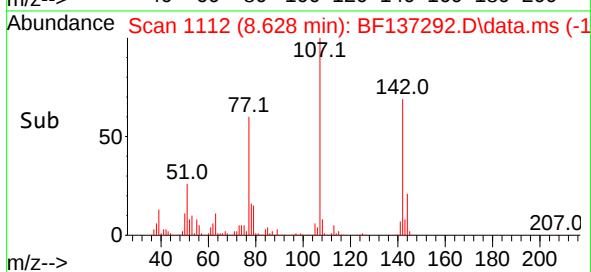
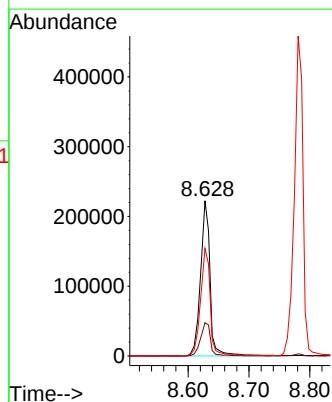
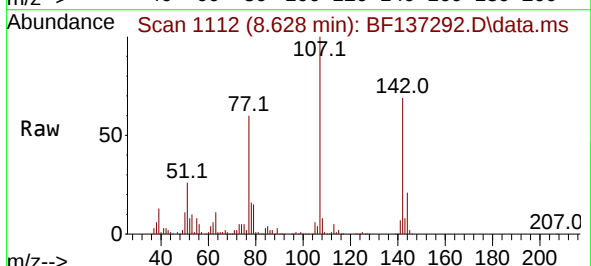
Manual Integrations  
APPROVED

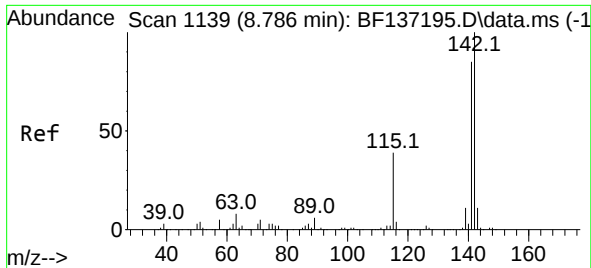
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#36  
4-Chloro-3-methylphenol  
Concen: 47.042 ng  
RT: 8.628 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:107 Resp: 243554  
Ion Ratio Lower Upper  
107 100  
144 21.5 17.2 25.8  
142 69.2 54.6 82.0





#37  
2-Methylnaphthalene  
Concen: 41.975 ng  
RT: 8.781 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

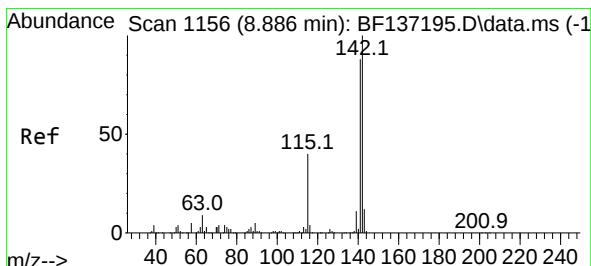
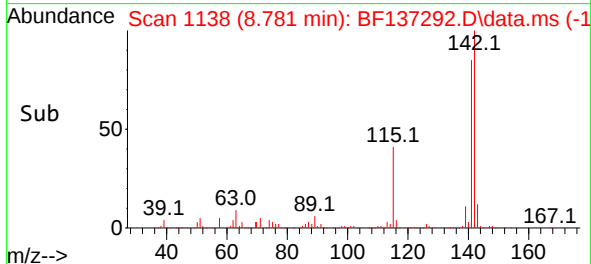
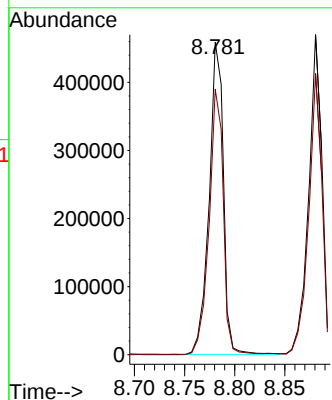
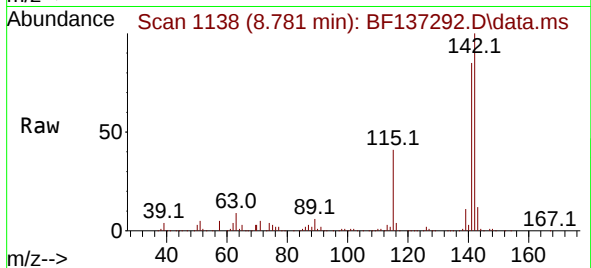
PB158836BS

Tgt Ion:142 Resp: 456180  
Ion Ratio Lower Upper  
142 100  
141 85.0 67.8 101.8

Manual Integrations

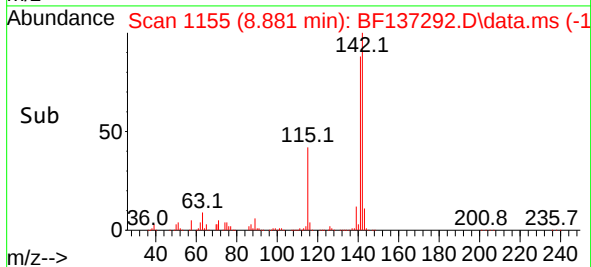
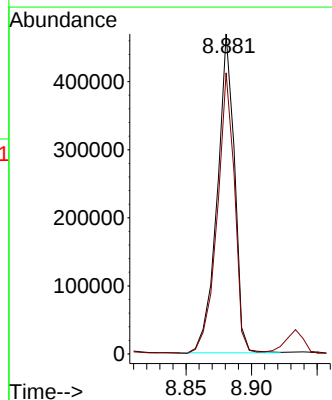
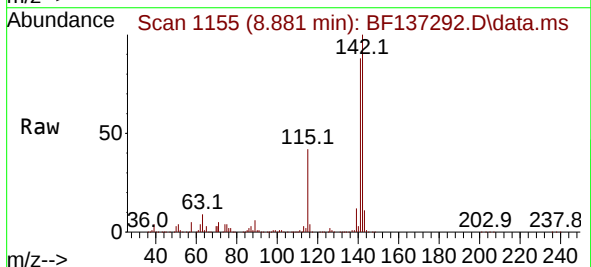
APPROVED

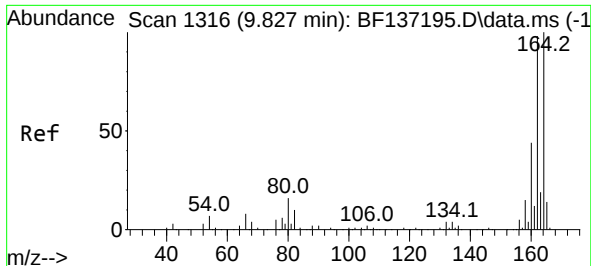
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#38  
1-Methylnaphthalene  
Concen: 42.517 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:142 Resp: 429170  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.6 105.8





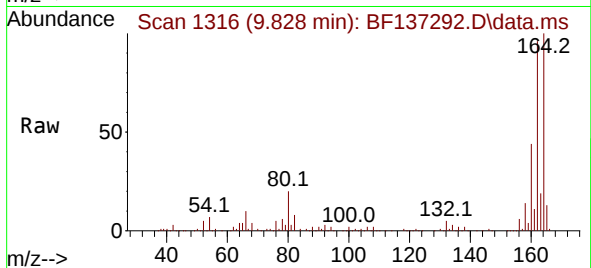
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 1167  
Delta R.T. 0.001 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

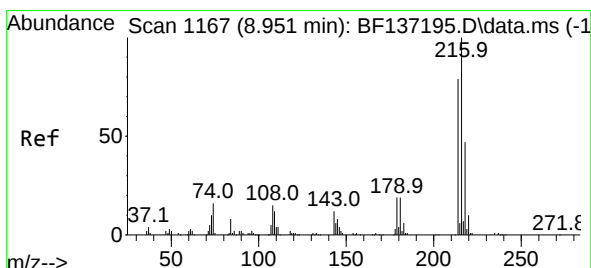
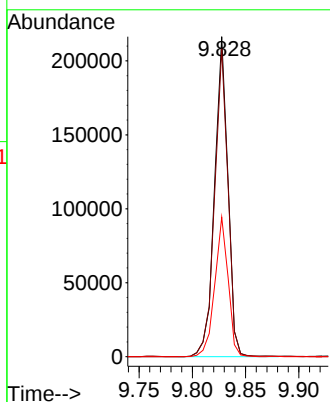
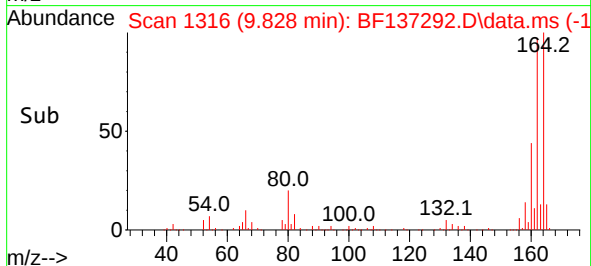


Tgt Ion:164 Resp: 187949  
Ion Ratio Lower Upper  
164 100  
162 96.2 78.3 117.5  
160 43.6 35.4 53.2

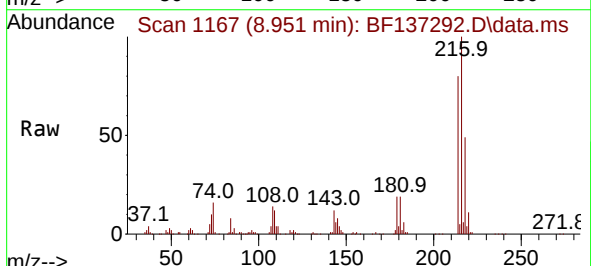
Manual Integrations

APPROVED

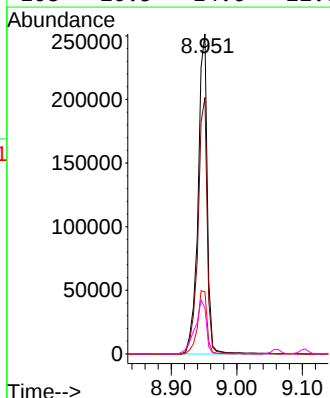
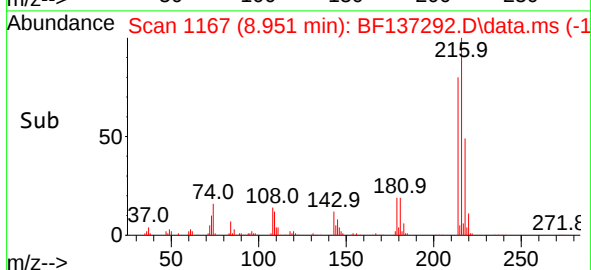
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

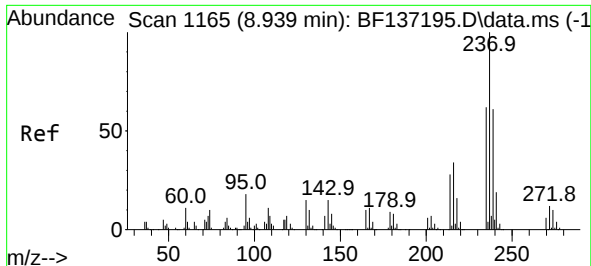


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.127 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:216 Resp: 246069  
Ion Ratio Lower Upper  
216 100  
214 79.7 63.9 95.9  
179 20.5 16.2 24.2  
108 20.5 14.6 22.0





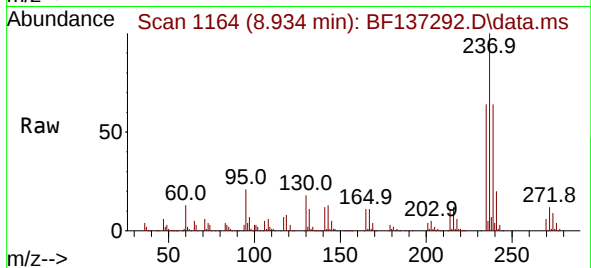
#41  
Hexachlorocyclopentadiene  
Concen: 102.815 ng  
RT: 8.934 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

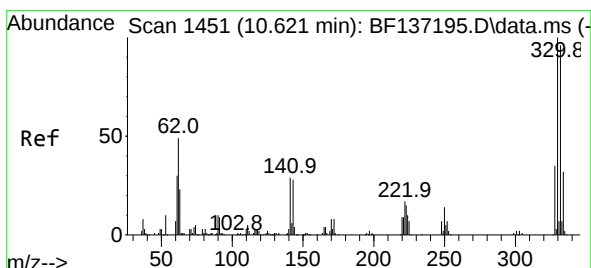
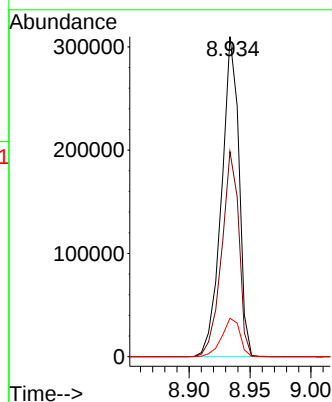
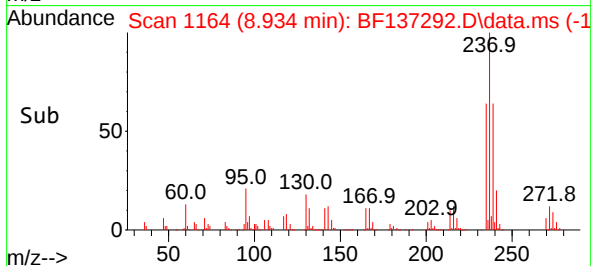


Tgt Ion:237 Resp: 30796  
Ion Ratio Lower Upper  
237 100  
235 64.1 41.6 81.6  
272 12.0 0.0 32.4

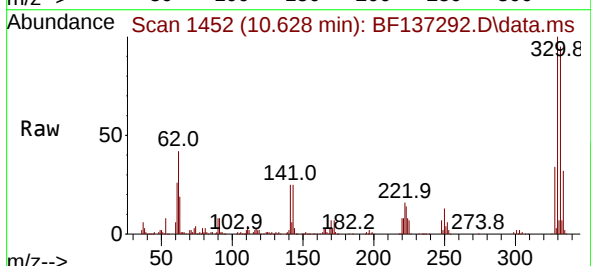
Manual Integrations

APPROVED

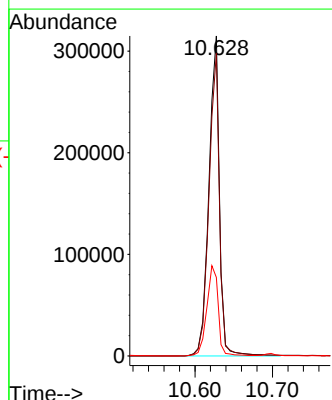
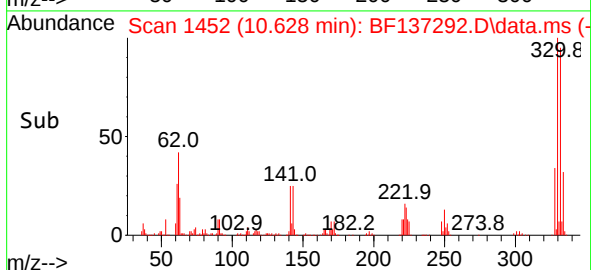
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

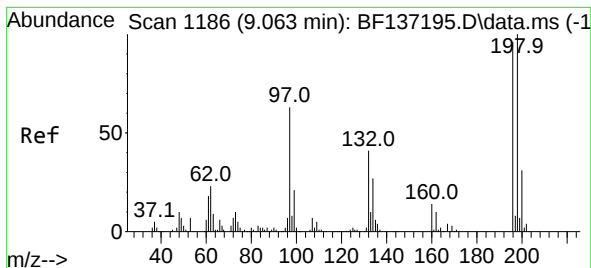


#42  
2,4,6-Tribromophenol  
Concen: 140.451 ng  
RT: 10.628 min Scan# 1452  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:330 Resp: 298122  
Ion Ratio Lower Upper  
330 100  
332 94.6 77.3 115.9  
141 30.6 25.2 37.8





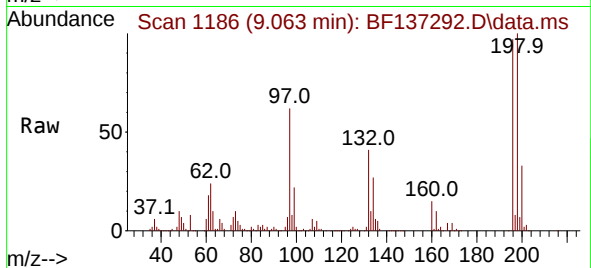
#43  
2,4,6-Trichlorophenol  
Concen: 44.928 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

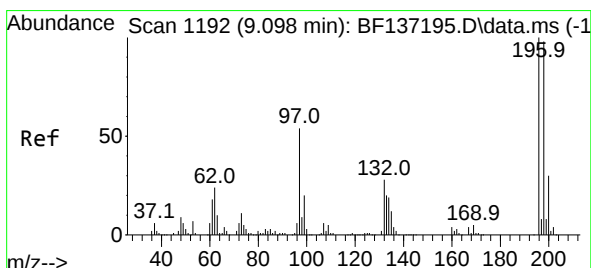
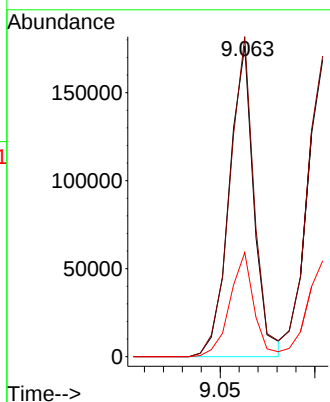
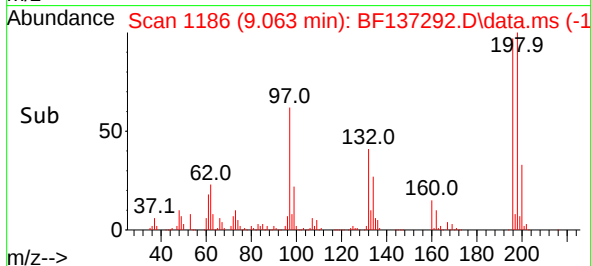


Tgt Ion:196 Resp: 160260  
Ion Ratio Lower Upper  
196 100  
198 103.0 83.0 124.6  
200 33.6 25.9 38.9

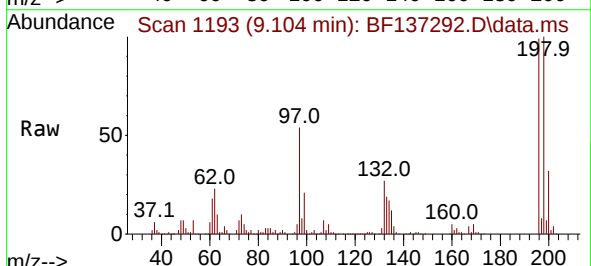
Manual Integrations

APPROVED

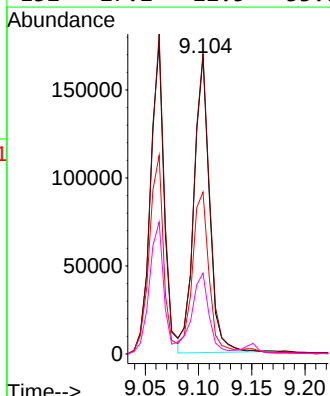
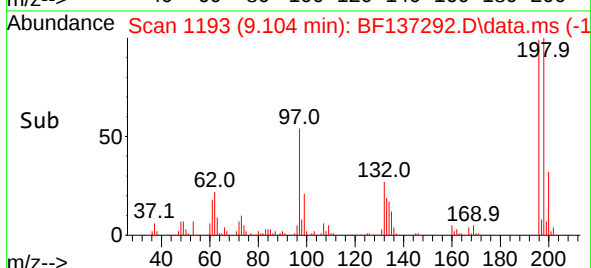
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

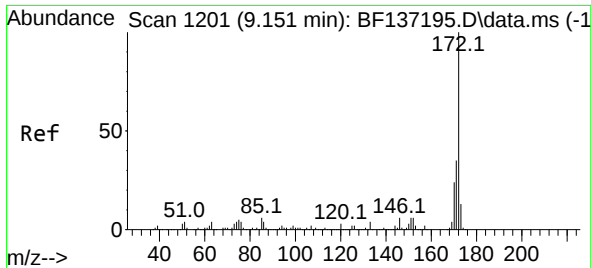


#44  
2,4,5-Trichlorophenol  
Concen: 43.850 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:196 Resp: 170974  
Ion Ratio Lower Upper  
196 100  
198 101.3 78.2 117.4  
97 54.5 44.2 66.2  
132 27.2 22.5 33.7





#45  
2-Fluorobiphenyl  
Concen: 75.779 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

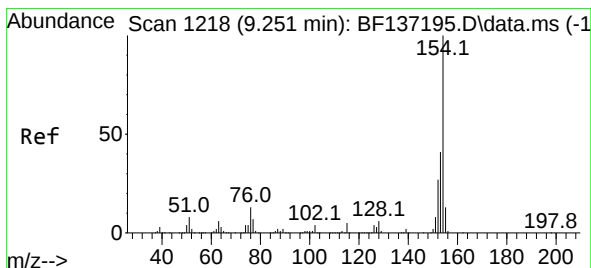
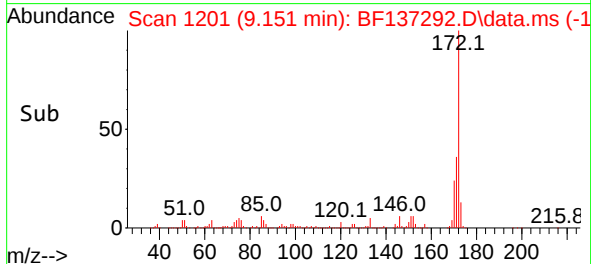
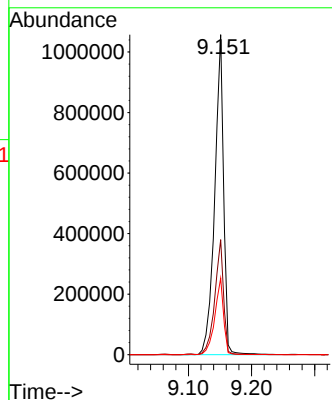
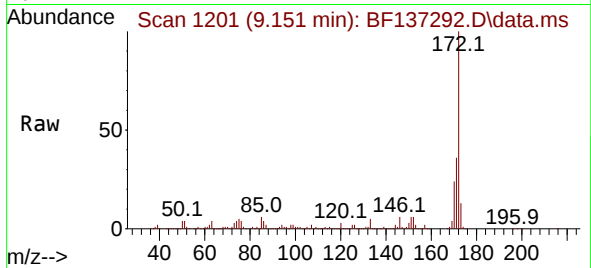
PB158836BS

Tgt Ion:172 Resp: 1036074  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.3 42.5  
170 23.9 19.1 28.7

Manual Integrations

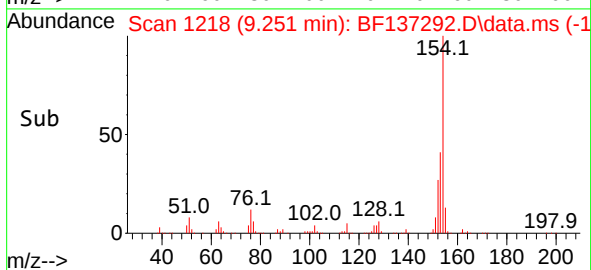
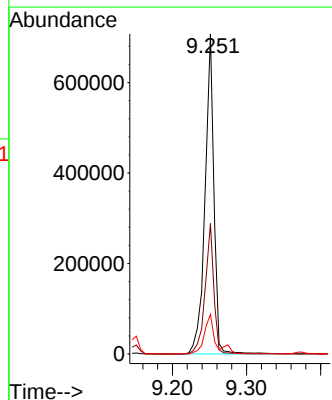
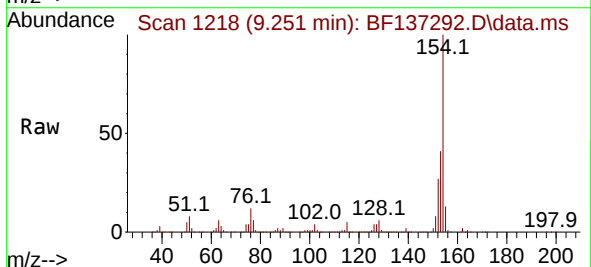
APPROVED

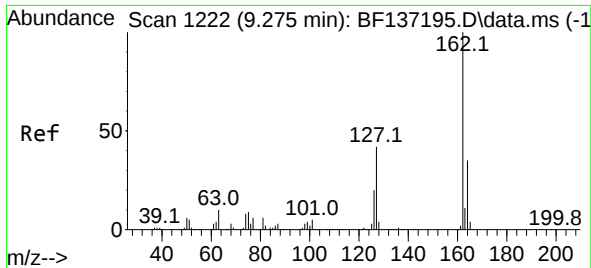
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#46  
1,1'-Biphenyl  
Concen: 39.734 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:154 Resp: 594173  
Ion Ratio Lower Upper  
154 100  
153 40.7 21.2 61.2  
76 12.4 0.0 33.0





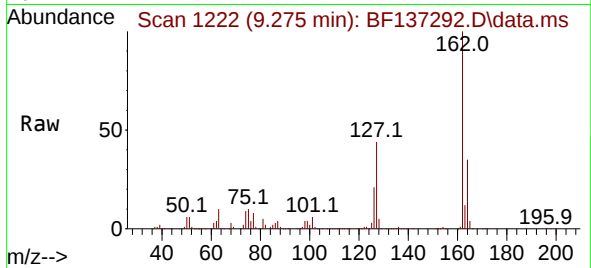
#47  
2-Chloronaphthalene  
Concen: 39.582 ng  
RT: 9.275 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

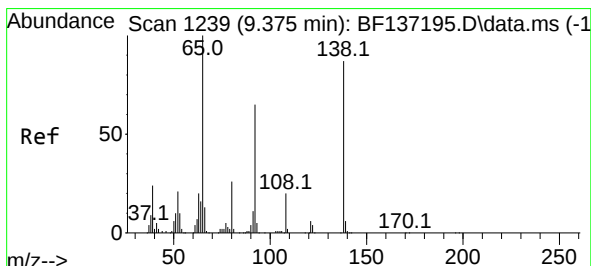
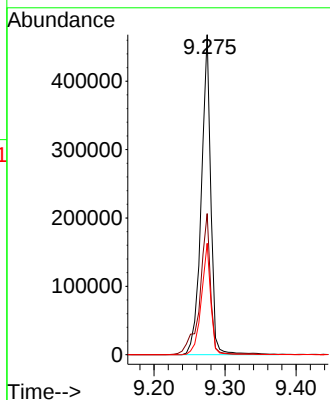
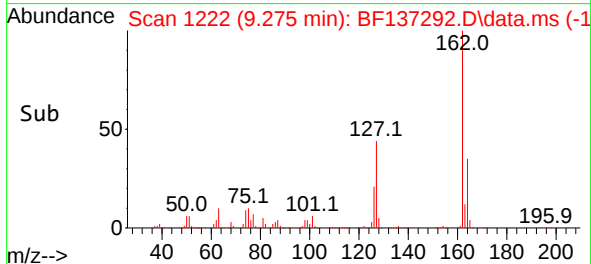


Tgt Ion:162 Resp: 43804  
Ion Ratio Lower Upper  
162 100  
127 44.1 34.1 51.1  
164 34.8 27.9 41.9

Manual Integrations

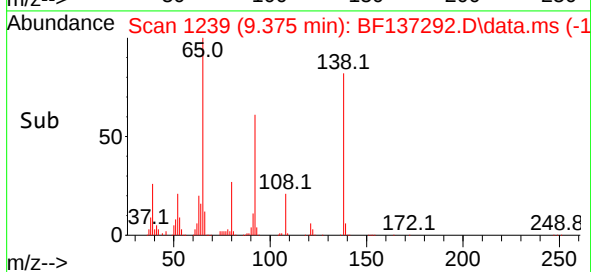
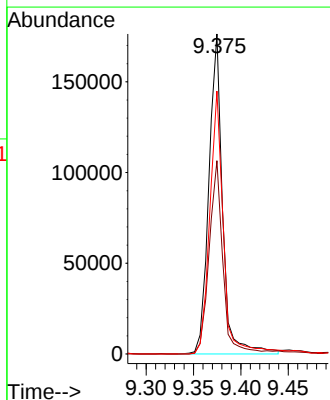
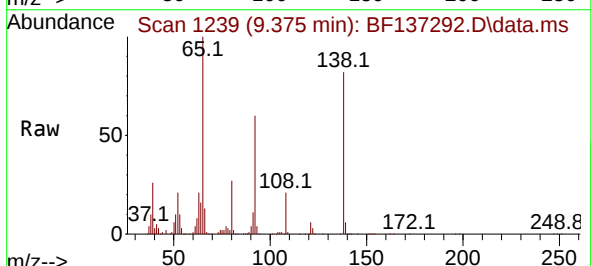
APPROVED

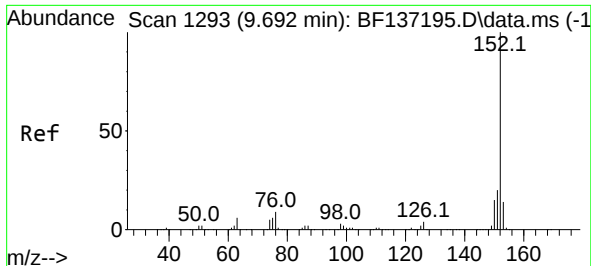
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#48  
2-Nitroaniline  
Concen: 49.535 ng  
RT: 9.375 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion: 65 Resp: 177429  
Ion Ratio Lower Upper  
65 100  
92 60.4 51.7 77.5  
138 82.1 69.7 104.5





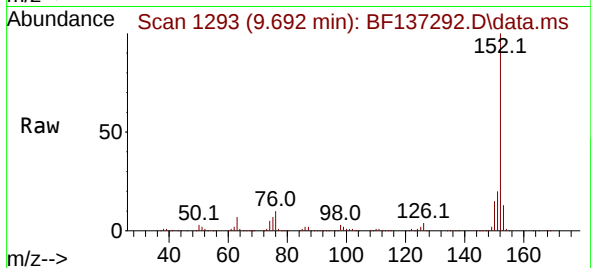
#49  
Acenaphthylene  
Concen: 40.835 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

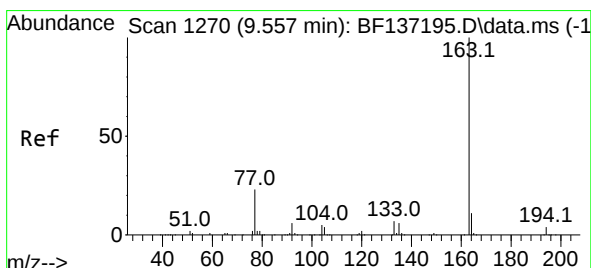
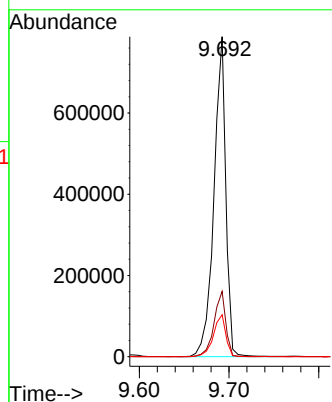
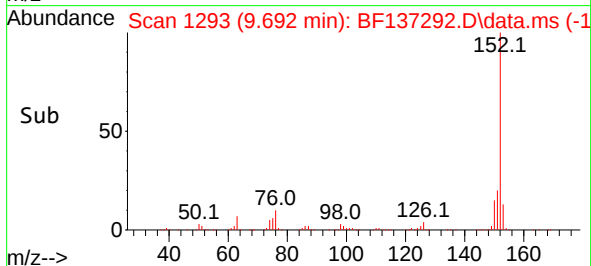


Tgt Ion:152 Resp: 72345  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.3 24.5  
153 13.1 11.2 16.8

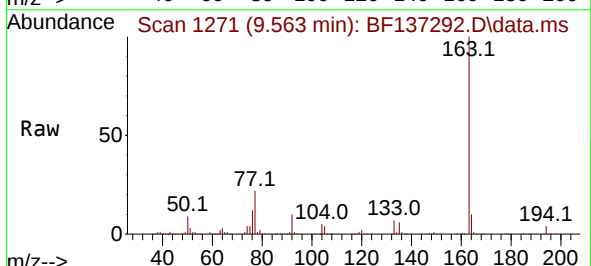
Manual Integrations

APPROVED

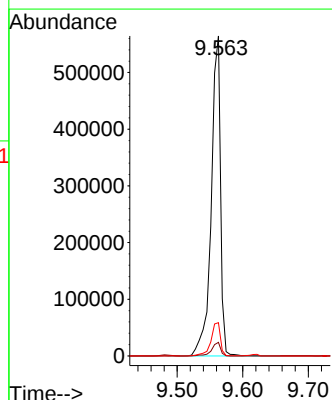
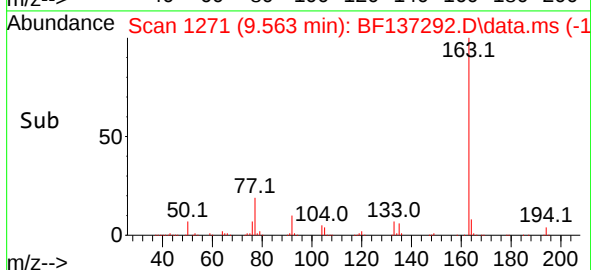
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

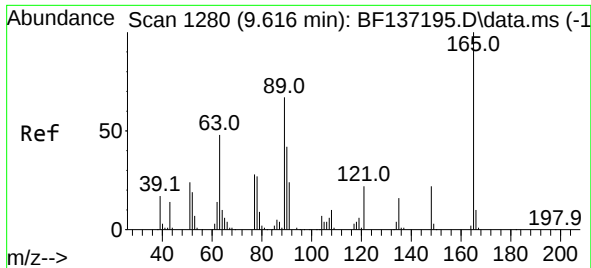


#50  
Dimethylphthalate  
Concen: 43.869 ng  
RT: 9.563 min Scan# 1271  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:163 Resp: 557021  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.4 8.6 13.0





#51  
2,6-Dinitrotoluene  
Concen: 47.244 ng  
RT: 9.616 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

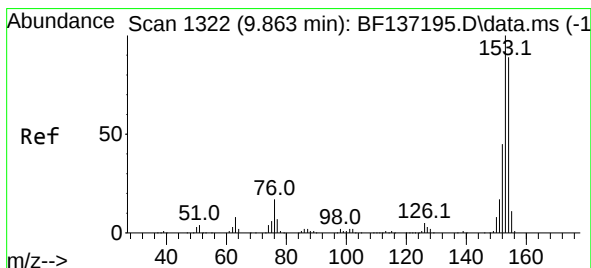
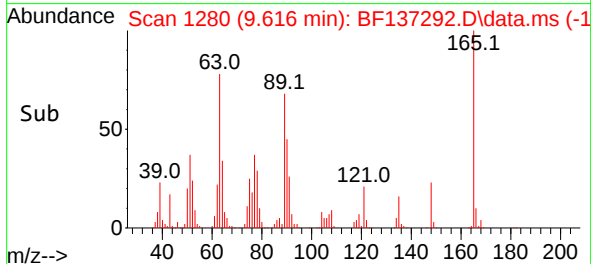
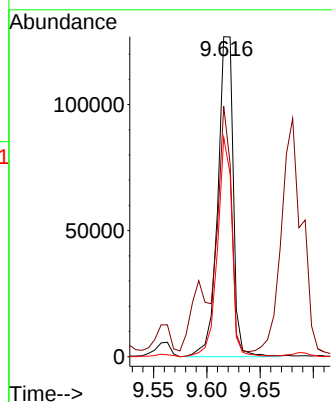
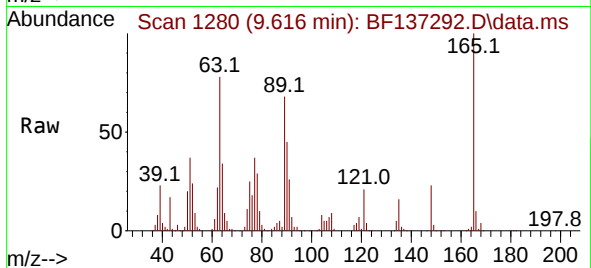
PB158836BS

Tgt Ion:165 Resp: 127910  
Ion Ratio Lower Upper  
165 100  
63 78.3 55.1 82.7  
89 68.5 53.5 80.3

Manual Integrations

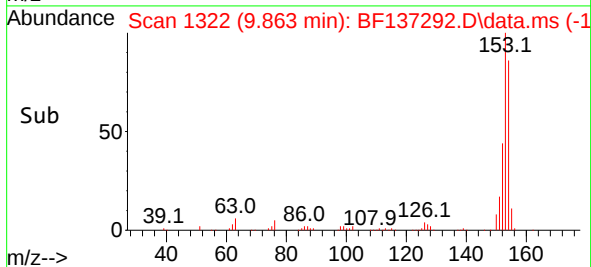
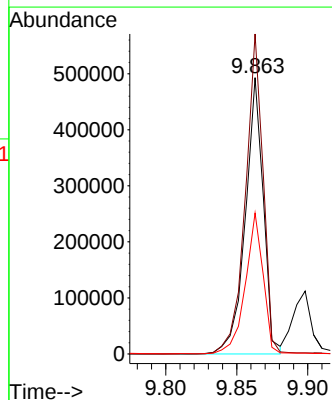
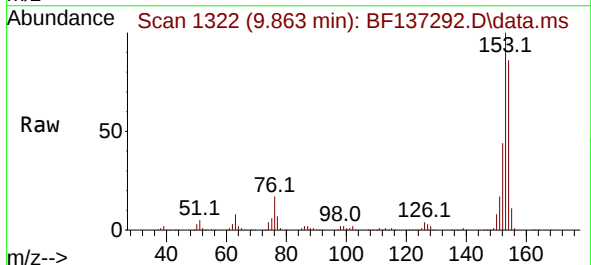
APPROVED

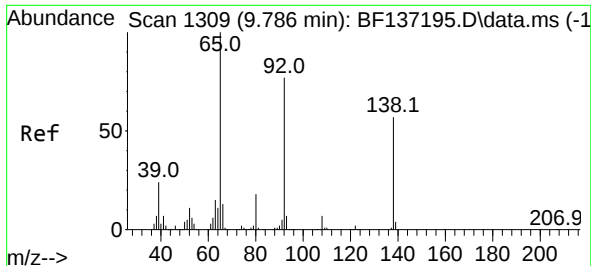
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#52  
Acenaphthene  
Concen: 41.699 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:154 Resp: 434193  
Ion Ratio Lower Upper  
154 100  
153 115.8 90.2 135.4  
152 51.0 40.6 60.8





#53  
3-Nitroaniline  
Concen: 41.072 ng  
RT: 9.792 min Scan# 1310  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

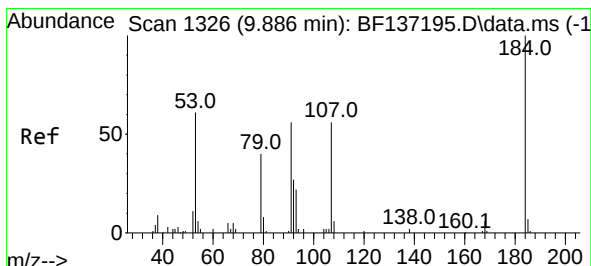
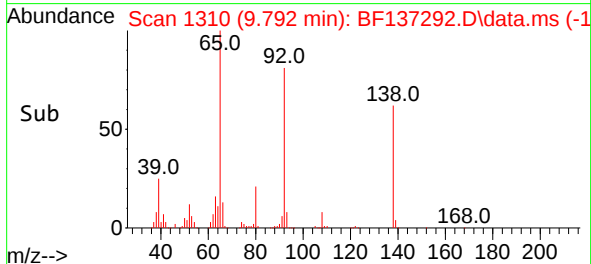
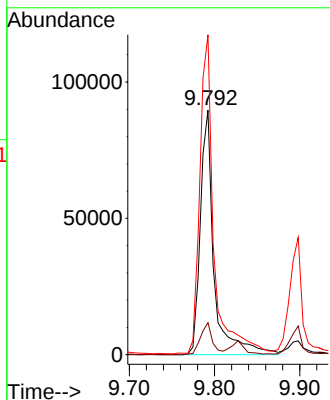
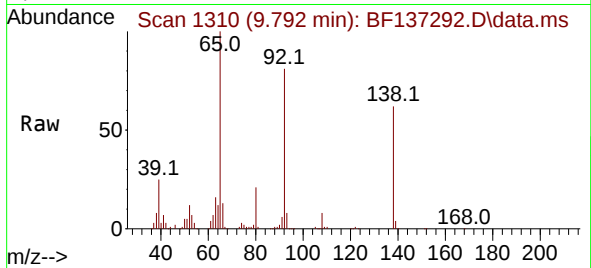
ClientSampleId :

PB158836BS

Tgt Ion:138 Resp: 100079  
Ion Ratio Lower Upper  
138 100  
108 13.1 10.4 15.6  
92 130.9 108.6 162.8

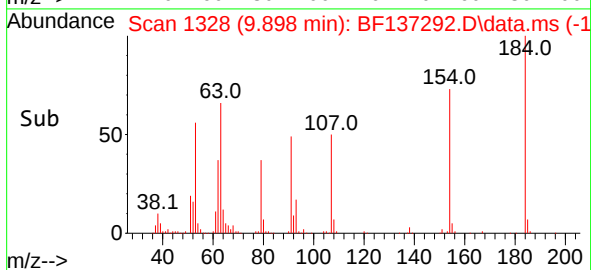
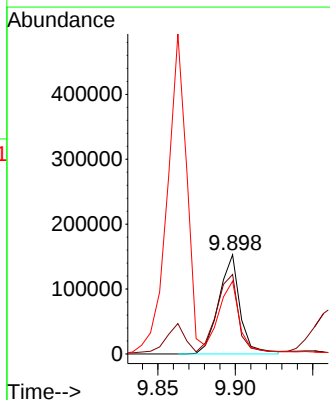
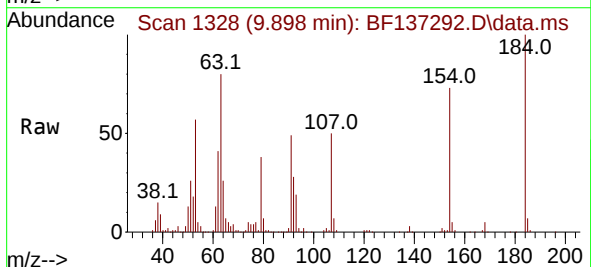
Manual Integrations  
APPROVED

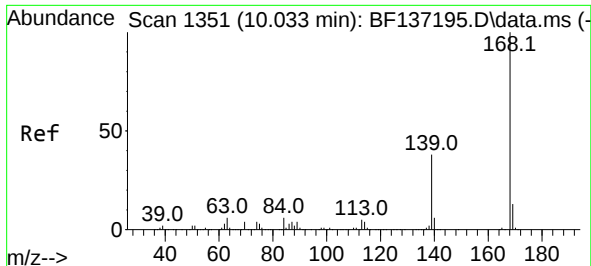
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#54  
2,4-Dinitrophenol  
Concen: 114.895 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.012 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:184 Resp: 145586  
Ion Ratio Lower Upper  
184 100  
63 80.2 71.2 106.8  
154 73.4 64.9 97.3





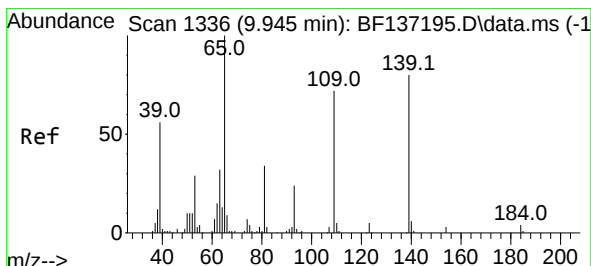
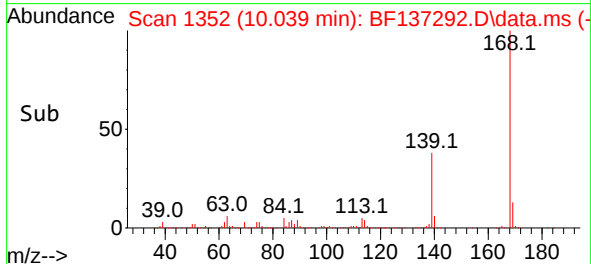
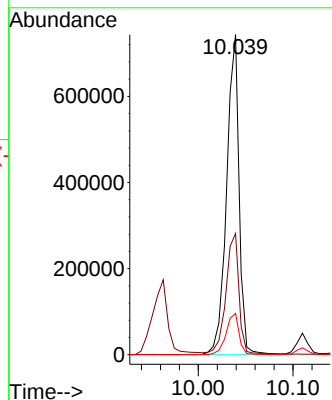
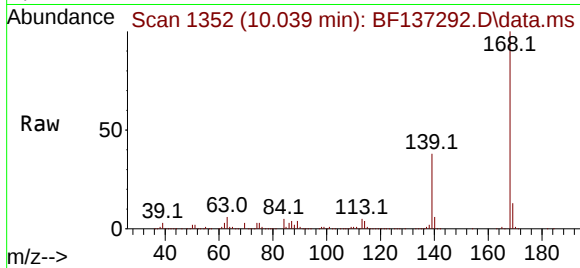
#55  
Dibenzenofuran  
Concen: 41.297 ng  
RT: 10.039 min Scan# 1351  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS

Tgt Ion:168 Resp: 68413  
Ion Ratio Lower Upper  
168 100  
139 37.9 31.1 46.7  
169 12.9 10.6 16.0

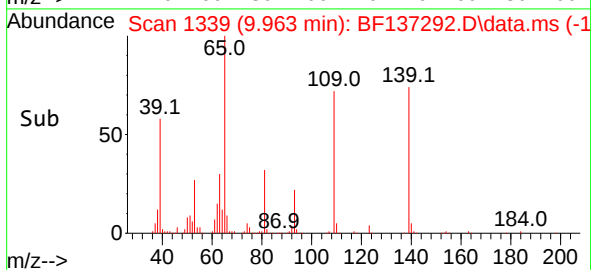
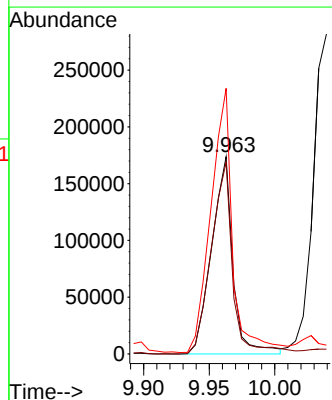
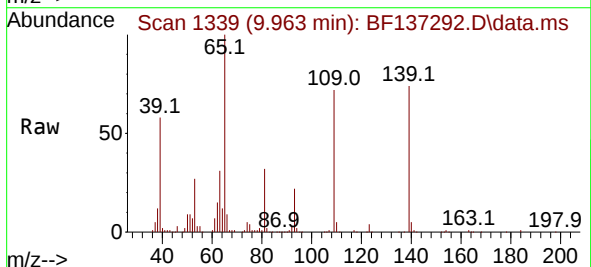
Manual Integrations  
APPROVED

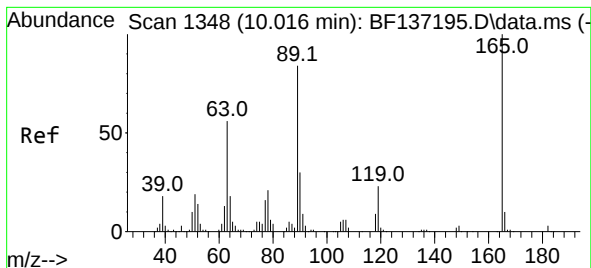
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#56  
4-Nitrophenol  
Concen: 124.719 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.018 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:139 Resp: 196094  
Ion Ratio Lower Upper  
139 100  
109 97.2 70.4 110.4  
65 134.6 107.6 147.6





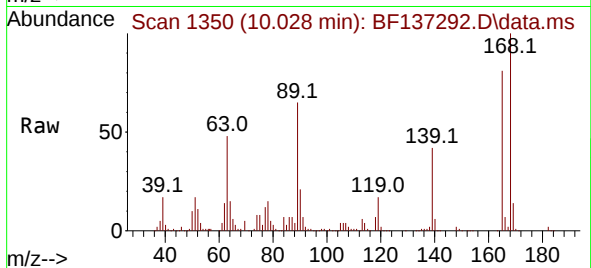
#57  
2,4-Dinitrotoluene  
Concen: 50.586 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. 0.012 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

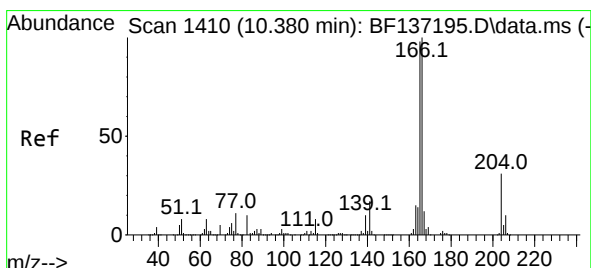
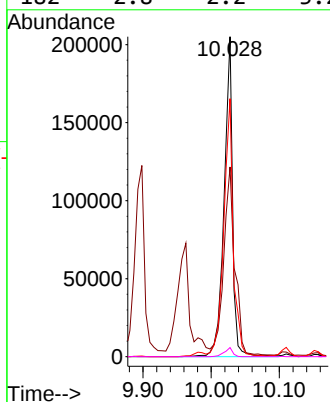
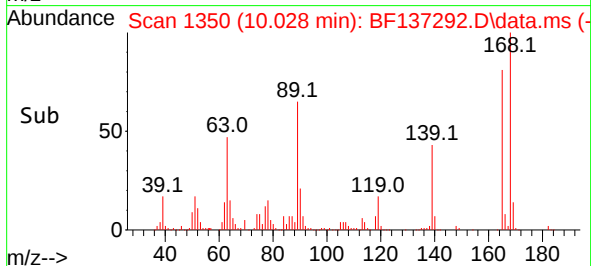


Tgt Ion:165 Resp: 177710  
Ion Ratio Lower Upper  
165 100  
63 59.3 46.1 69.1  
89 80.7 67.5 101.3  
182 2.8 2.2 3.2

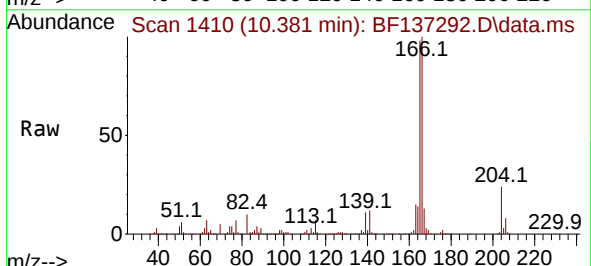
Manual Integrations

APPROVED

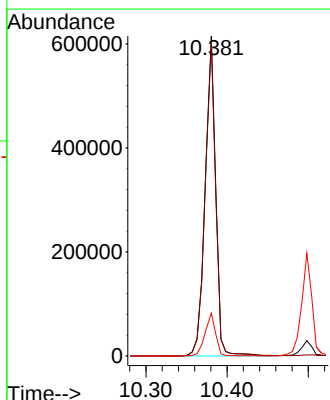
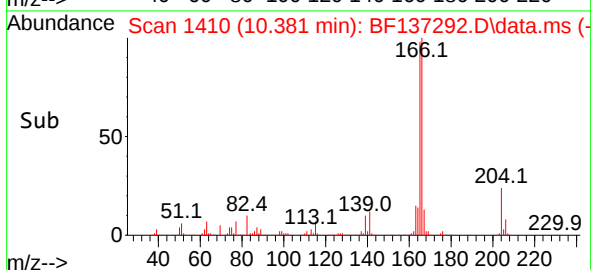
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

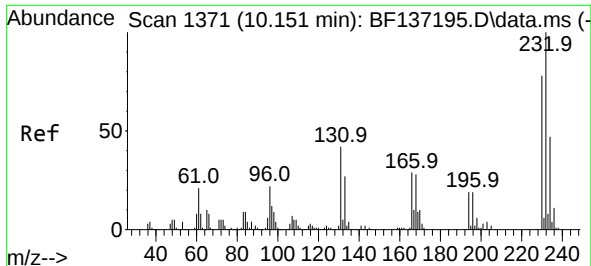


#58  
Fluorene  
Concen: 42.691 ng  
RT: 10.381 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:166 Resp: 554430  
Ion Ratio Lower Upper  
166 100  
165 98.0 78.5 117.7  
167 13.4 10.0 15.0





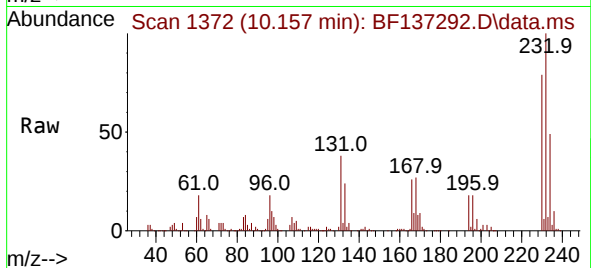
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.051 ng m  
RT: 10.157 min Scan# 1372  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

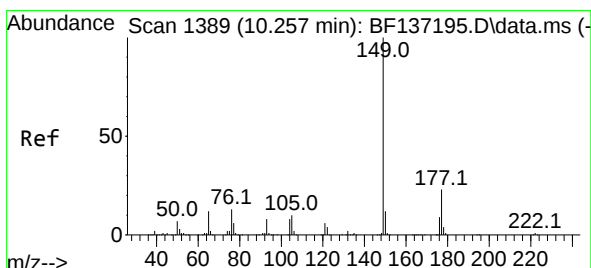
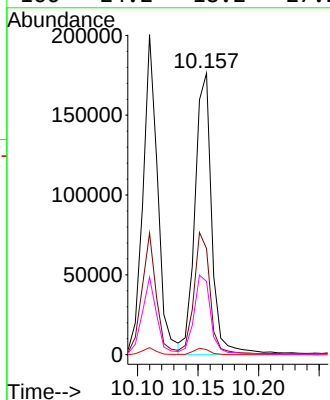
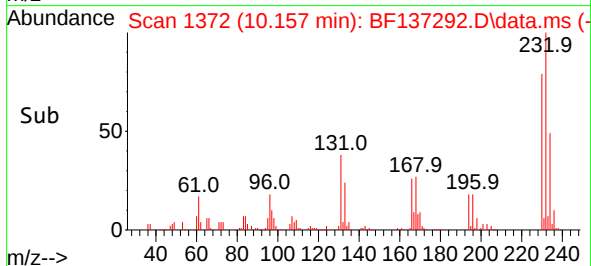


Tgt Ion:232 Resp: 170694  
Ion Ratio Lower Upper  
232 100  
131 37.4 27.4 41.2  
130 2.1 1.7 2.5  
166 24.2 18.2 27.2

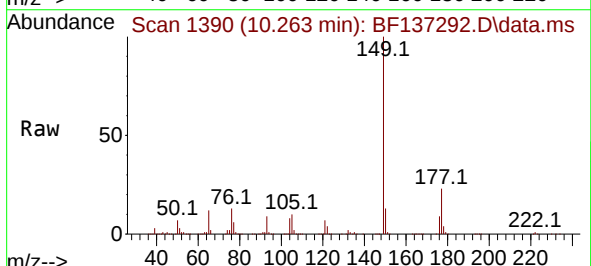
Manual Integrations

APPROVED

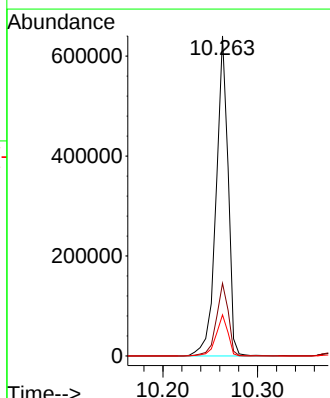
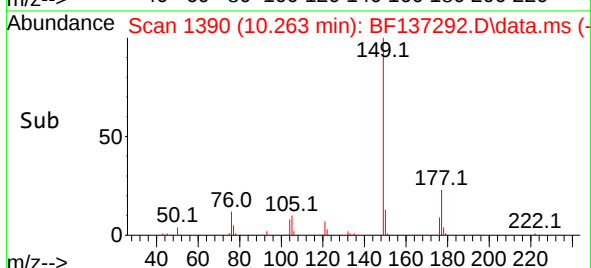
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

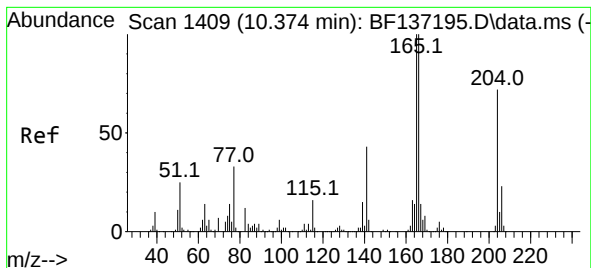


#60  
Diethylphthalate  
Concen: 44.833 ng  
RT: 10.263 min Scan# 1390  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:149 Resp: 560508  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.0 27.0  
150 12.9 9.6 14.4





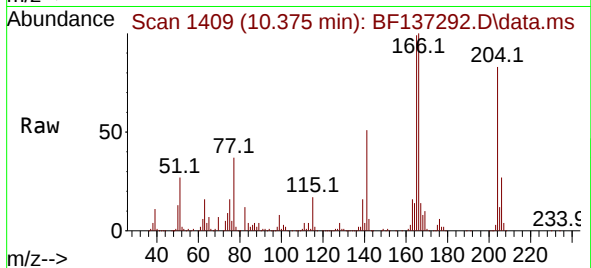
#61  
4-Chlorophenyl-phenylether  
Concen: 41.543 ng  
RT: 10.375 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

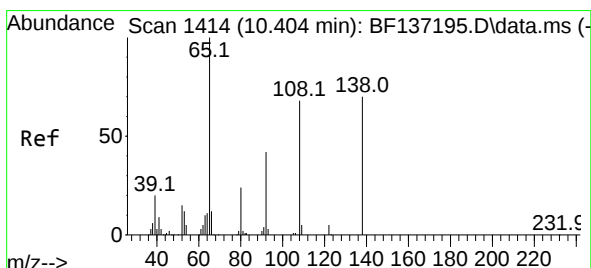
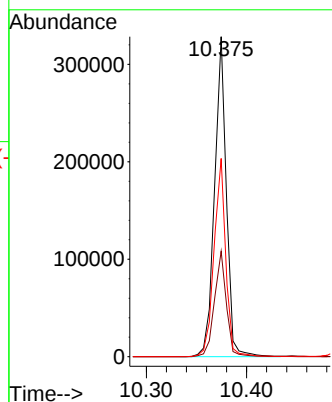
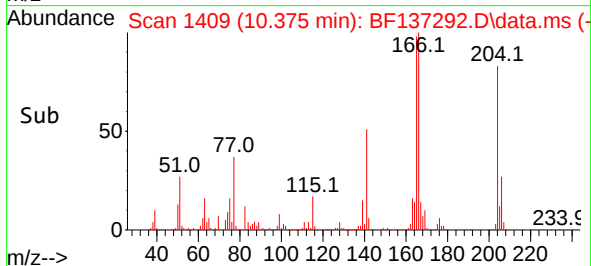


Tgt Ion:204 Resp: 26817  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.5 38.3  
141 61.9 48.3 72.5

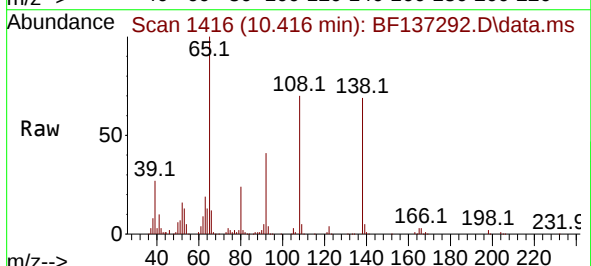
Manual Integrations

APPROVED

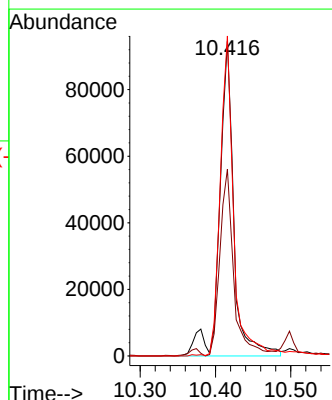
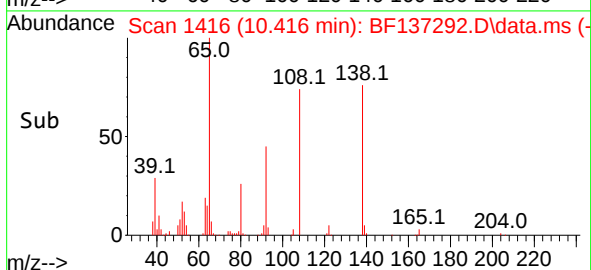
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

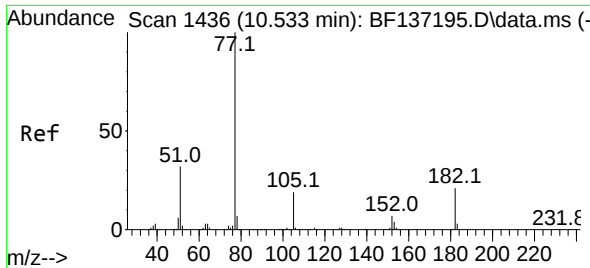


#62  
4-Nitroaniline  
Concen: 52.971 ng m  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.012 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:138 Resp: 123541  
Ion Ratio Lower Upper  
138 100  
92 59.3 39.3 79.3  
108 101.7 75.3 115.3





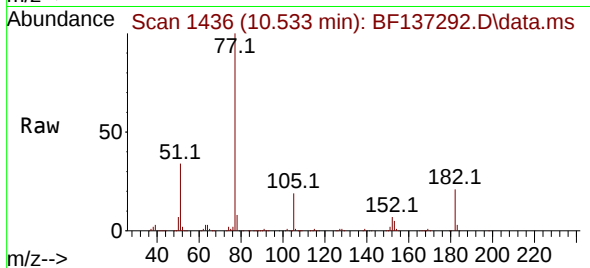
#63  
Azobenzene  
Concen: 43.070 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

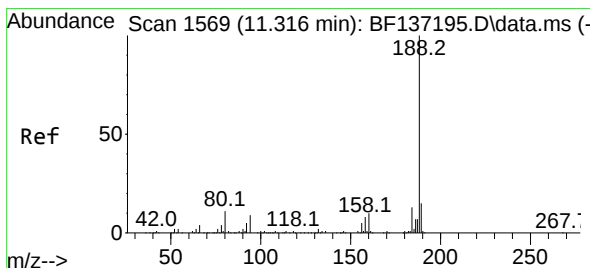
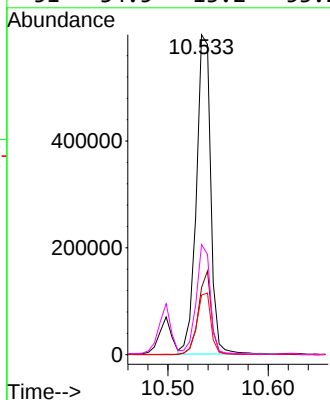
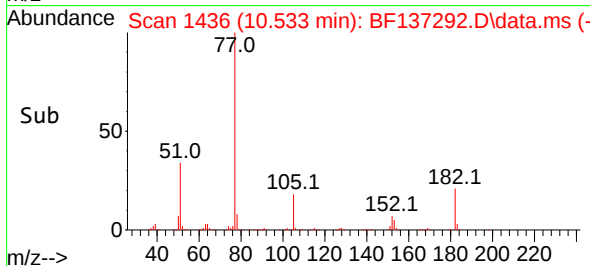


Tgt Ion: 77 Resp: 596358  
Ion Ratio Lower Upper  
77 100  
182 21.0 1.1 41.1  
105 18.7 0.0 38.9  
51 34.5 13.2 53.2

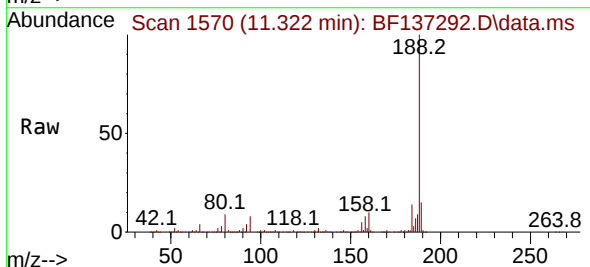
Manual Integrations

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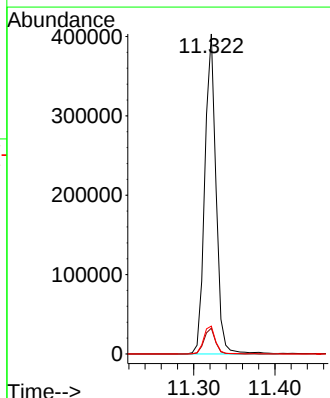
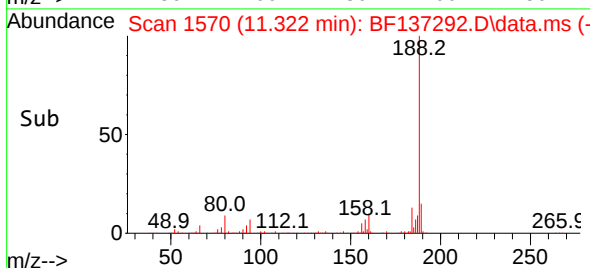
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

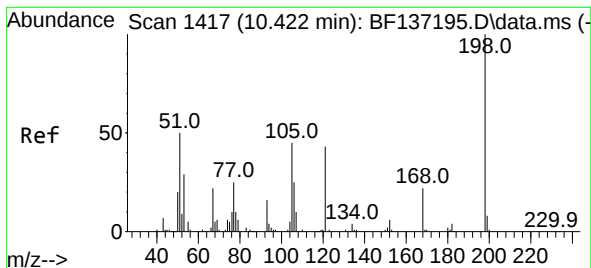


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:188 Resp: 385935  
Ion Ratio Lower Upper  
188 100  
94 8.1 7.0 10.4  
80 8.7 8.8 13.2#





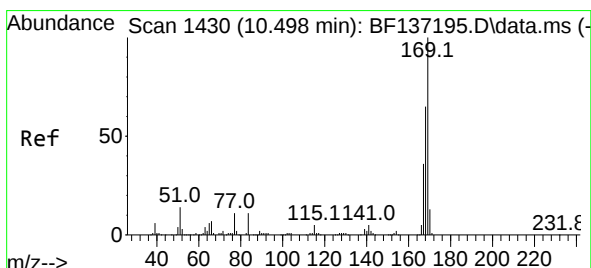
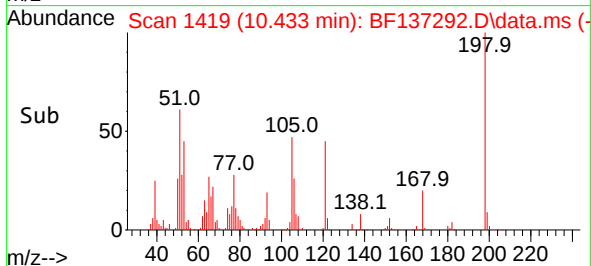
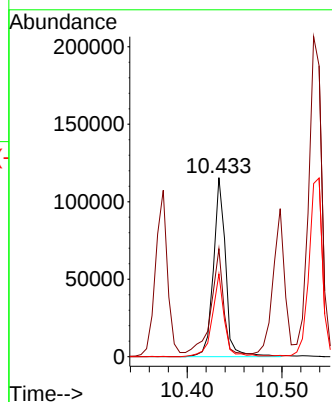
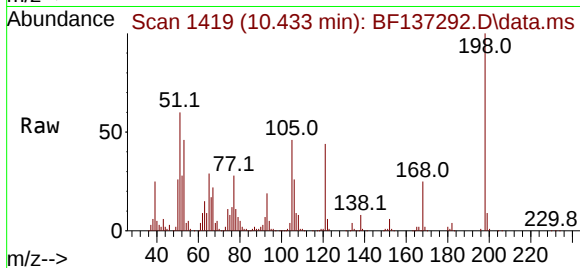
#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.211 ng  
RT: 10.433 min Scan# 1417  
Delta R.T. 0.011 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS

Tgt Ion:198 Resp: 103228  
Ion Ratio Lower Upper  
198 100  
51 60.3 40.9 80.9  
105 46.2 26.5 66.5

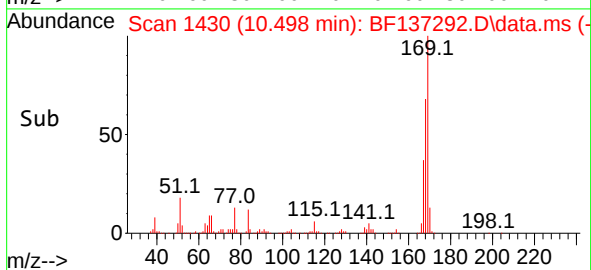
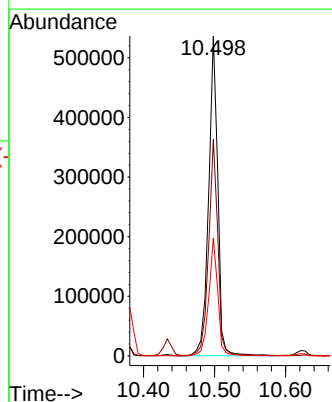
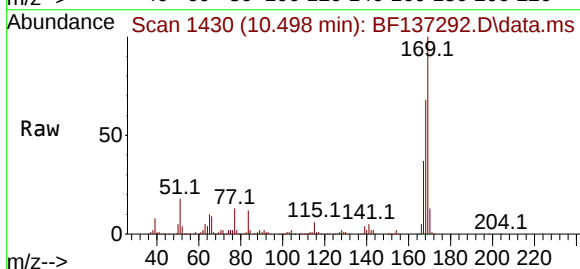
Manual Integrations  
APPROVED

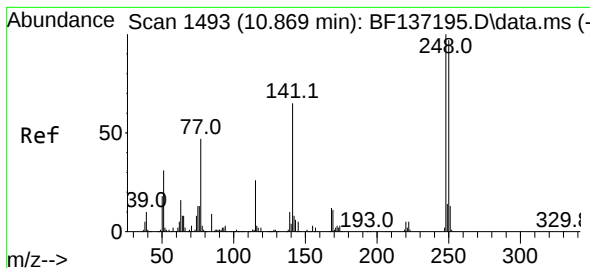
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#66  
n-Nitrosodiphenylamine  
Concen: 41.181 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

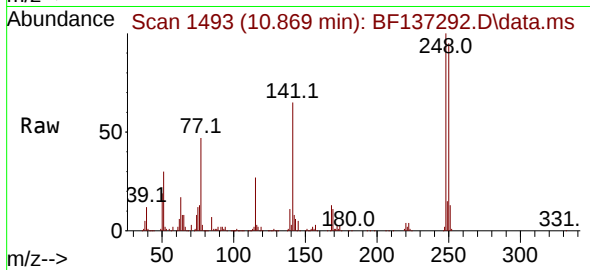
Tgt Ion:169 Resp: 483247  
Ion Ratio Lower Upper  
169 100  
168 67.7 51.9 77.9  
167 36.8 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 42.123 ng  
RT: 10.869 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

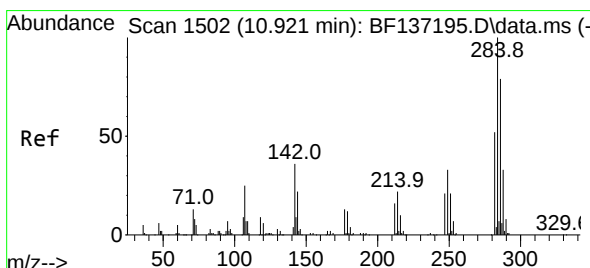
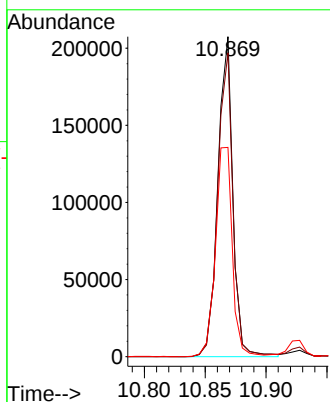
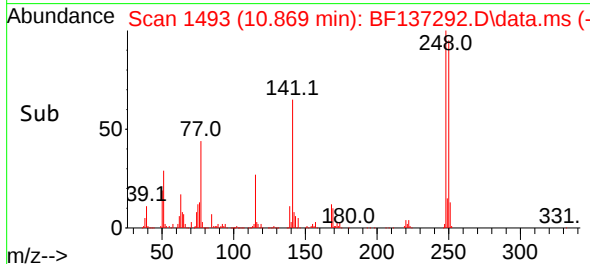
Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS



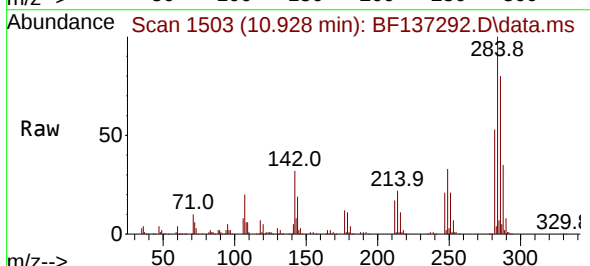
Tgt Ion:248 Resp: 17875  
Ion Ratio Lower Upper  
248 100  
250 95.0 77.7 116.5  
141 65.4 51.6 77.4

Manual Integrations  
APPROVED

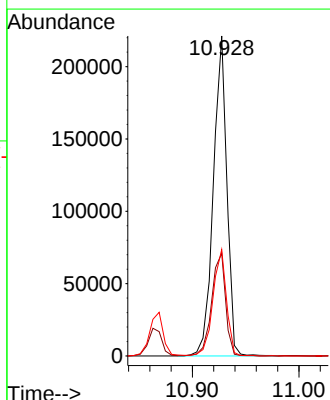
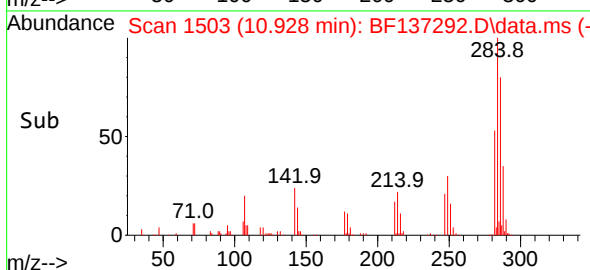
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

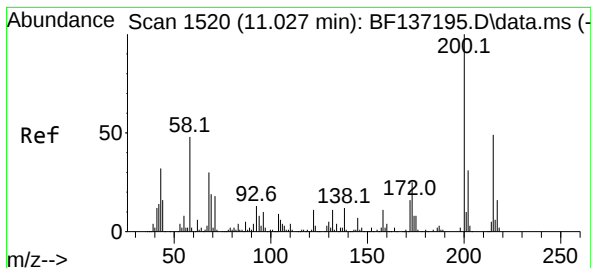


#68  
Hexachlorobenzene  
Concen: 41.022 ng  
RT: 10.928 min Scan# 1503  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:284 Resp: 194447  
Ion Ratio Lower Upper  
284 100  
142 32.1 28.7 43.1  
249 33.2 27.0 40.4





#69

Atrazine

Concen: 45.322 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

Tgt Ion:200 Resp: 175570

Ion Ratio Lower Upper

200 100

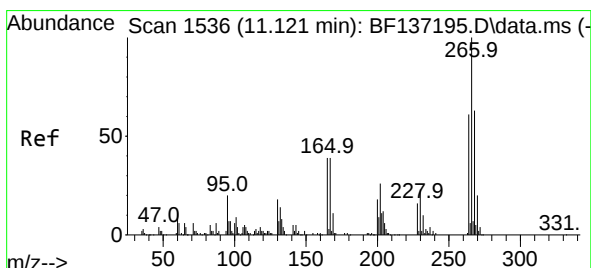
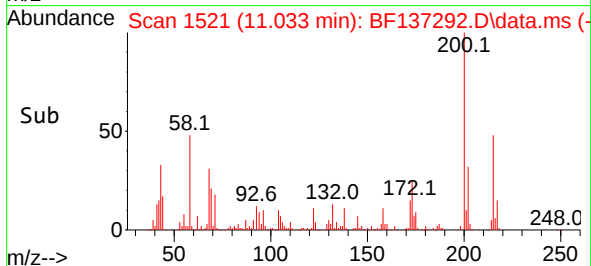
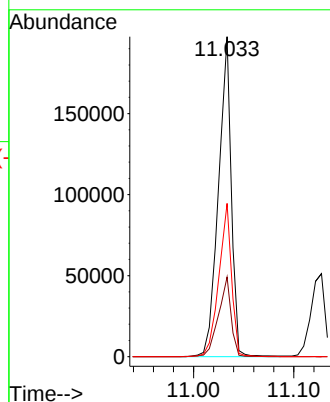
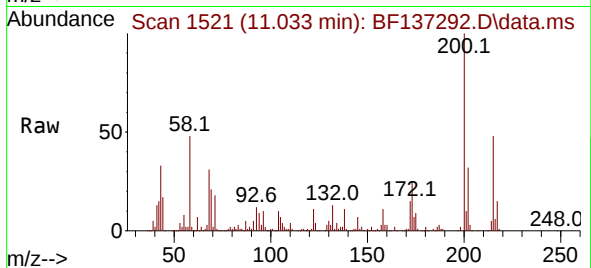
173 24.9 5.3 45.3

215 47.9 29.4 69.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#70

Pentachlorophenol

Concen: 99.207 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.007 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

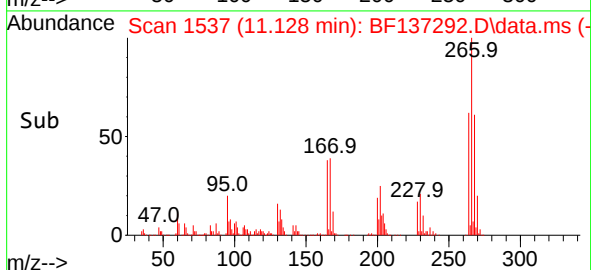
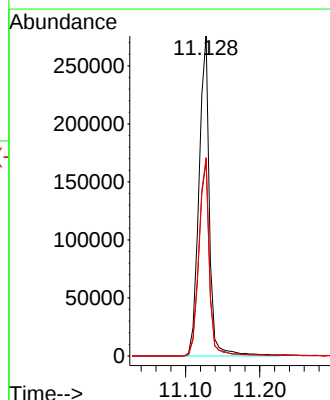
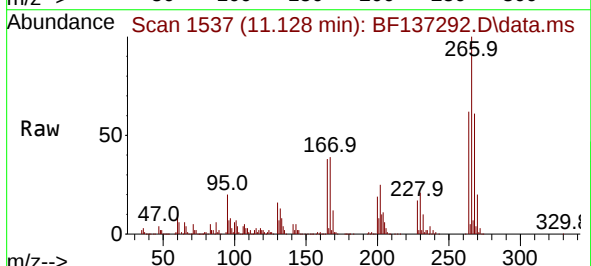
Tgt Ion:266 Resp: 269567

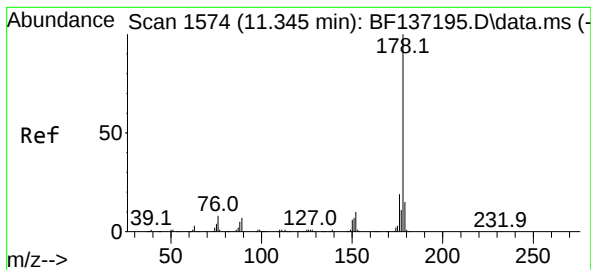
Ion Ratio Lower Upper

266 100

268 60.9 50.6 76.0

264 62.0 48.8 73.2





#71

Phenanthrene

Concen: 41.769 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

Tgt Ion:178 Resp: 843910

Ion Ratio Lower Upper

178 100

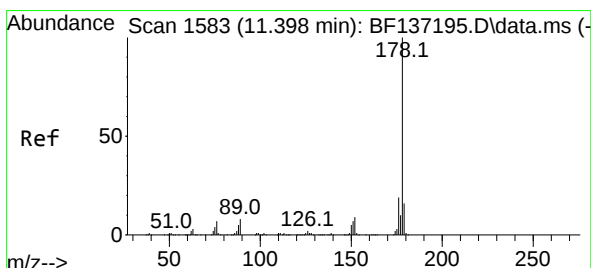
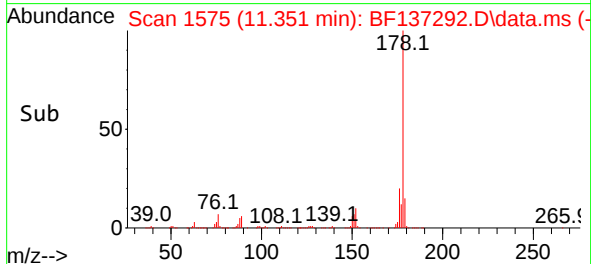
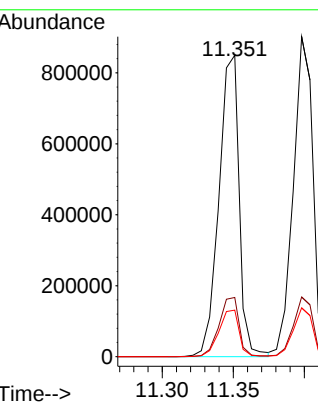
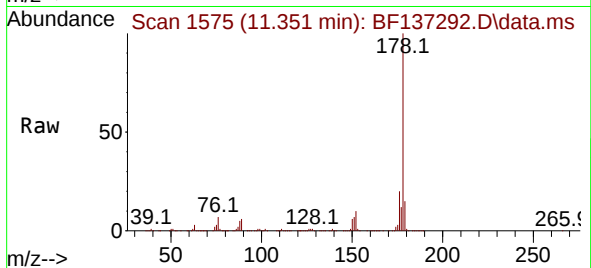
176 19.6 15.1 22.7

179 15.5 12.1 18.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#72

Anthracene

Concen: 42.491 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

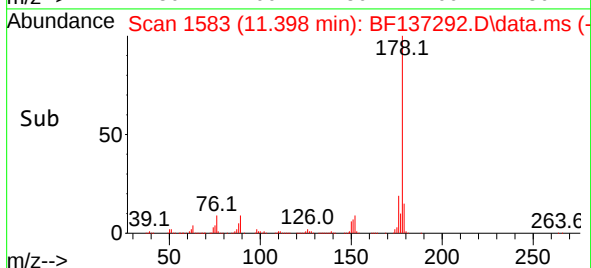
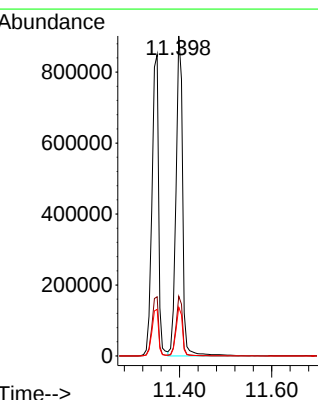
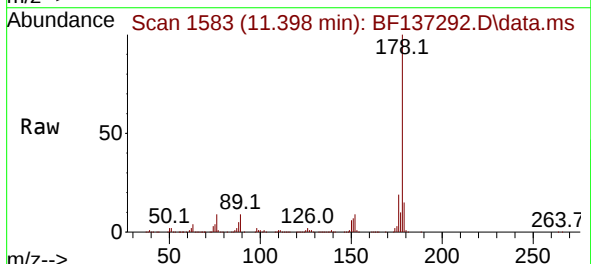
Tgt Ion:178 Resp: 894804

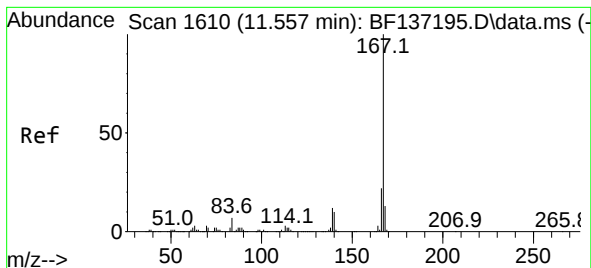
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.2 12.7 19.1





#73

Carbazole

Concen: 44.040 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

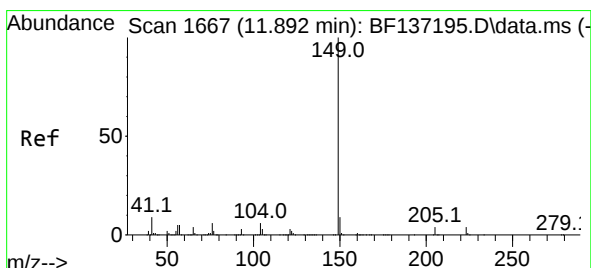
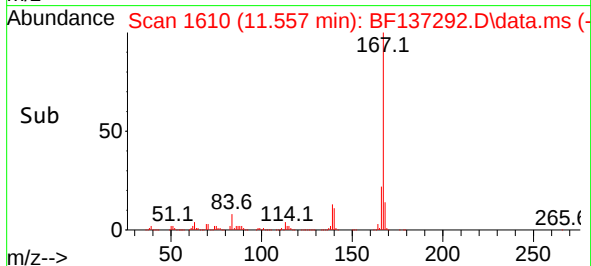
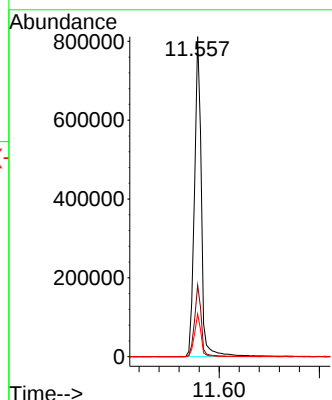
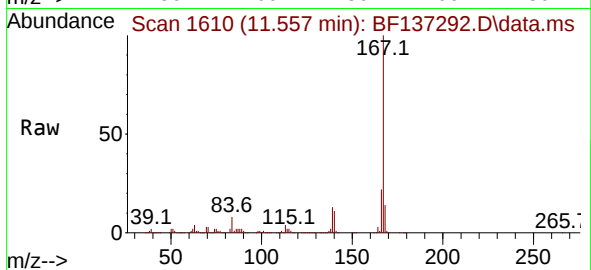
Tgt Ion:167 Resp: 77508

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.3  | 17.6  | 26.4  |
| 139 | 13.3  | 9.7   | 14.5  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#74

Di-n-butylphthalate

Concen: 46.351 ng

RT: 11.892 min Scan# 1667

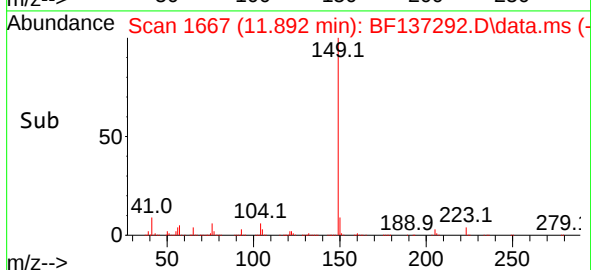
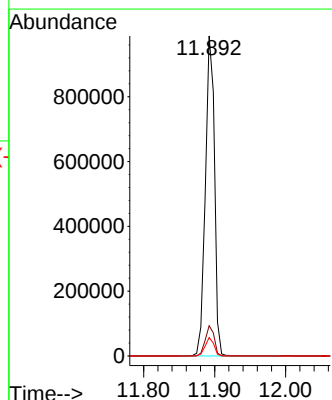
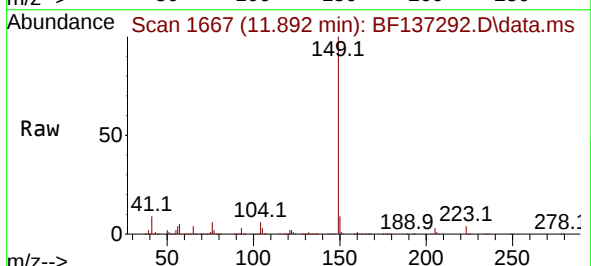
Delta R.T. 0.000 min

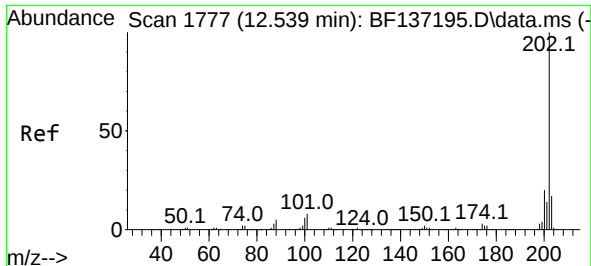
Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Tgt Ion:149 Resp: 881810

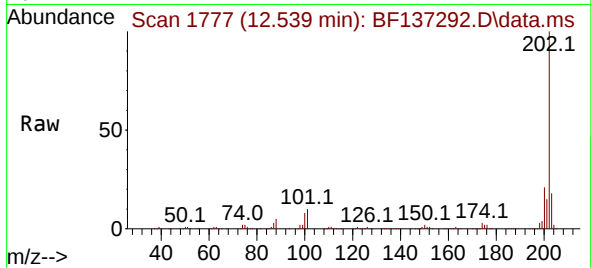
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.4   | 11.0  |
| 104 | 5.7   | 4.5   | 6.7   |





#75  
Fluoranthene  
Concen: 44.310 ng  
RT: 12.539 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

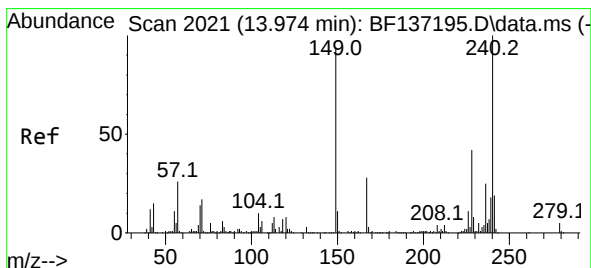
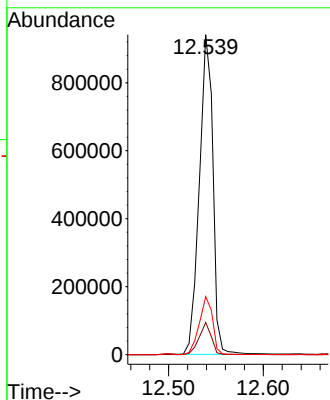
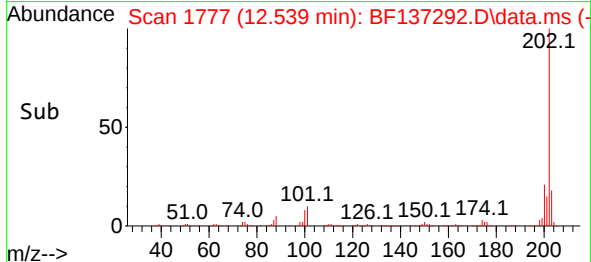
Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS



Tgt Ion:202 Resp: 936780  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 28.4  
203 18.2 0.0 37.3

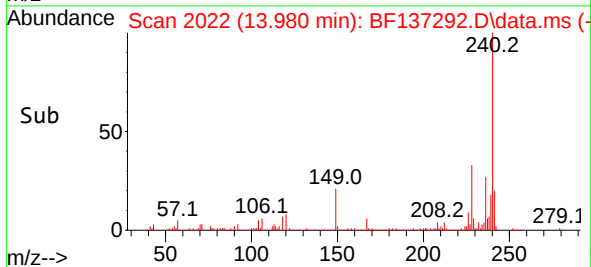
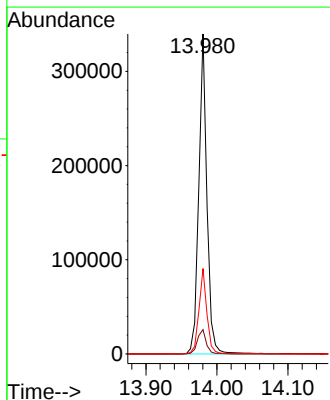
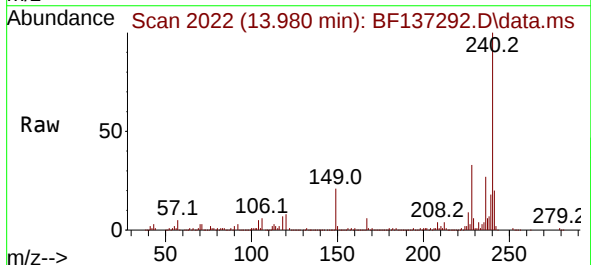
Manual Integrations  
APPROVED

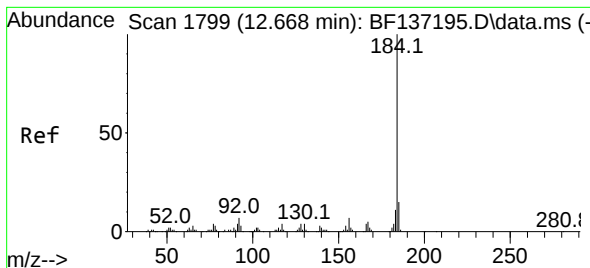
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:240 Resp: 271845  
Ion Ratio Lower Upper  
240 100  
120 7.6 6.3 9.5  
236 26.7 20.3 30.5





#77

Benzidine

Concen: 78.532 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

Tgt Ion:184 Resp: 382280

Ion Ratio Lower Upper

184 100

185 14.0 11.9 17.9

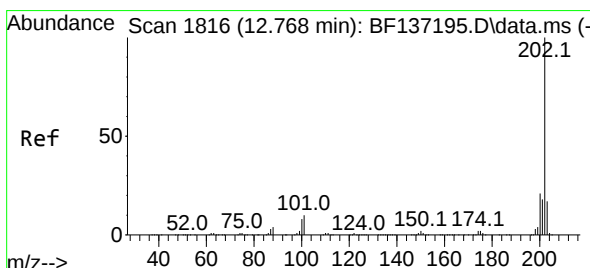
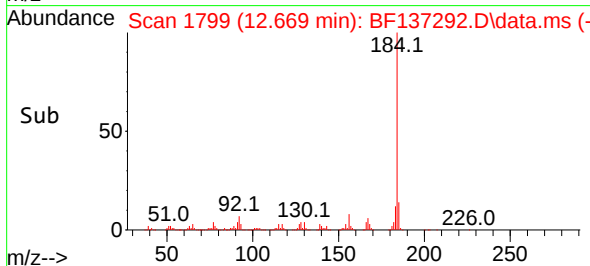
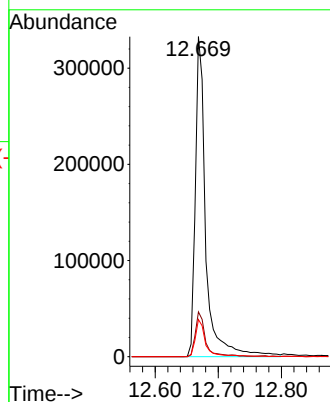
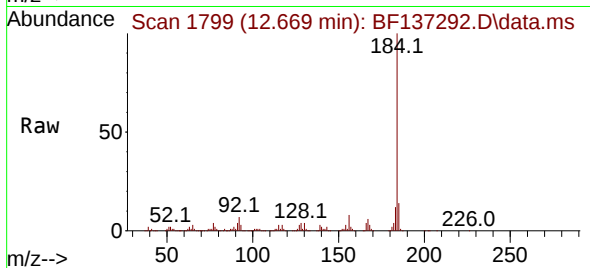
183 11.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#78

Pyrene

Concen: 37.211 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

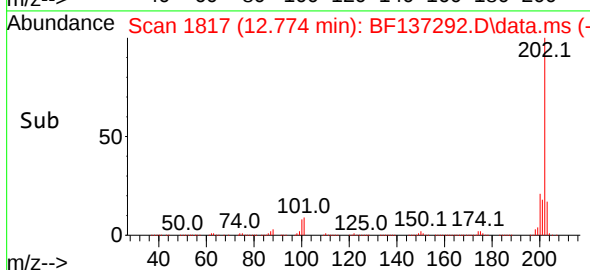
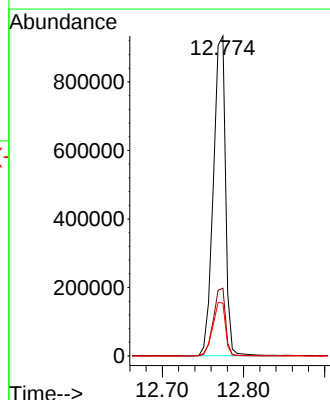
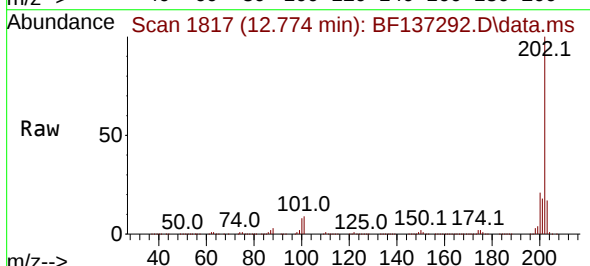
Tgt Ion:202 Resp: 972122

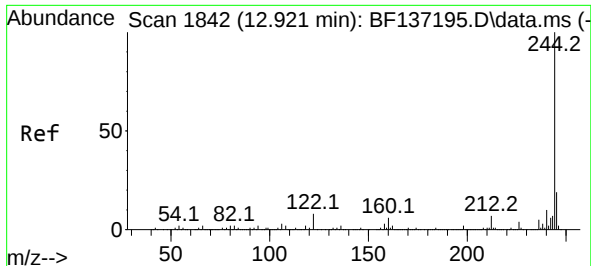
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 16.5 13.8 20.6





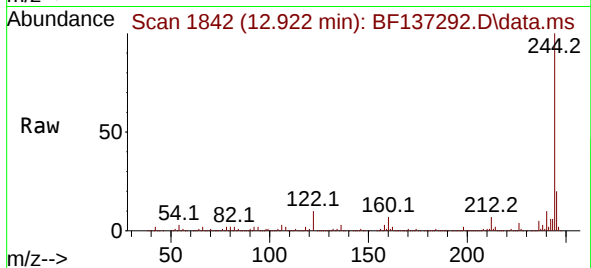
#79  
 Terphenyl-d14  
 Concen: 73.357 ng  
 RT: 12.922 min Scan# 1842  
 Delta R.T. 0.000 min  
 Lab File: BF137292.D  
 Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

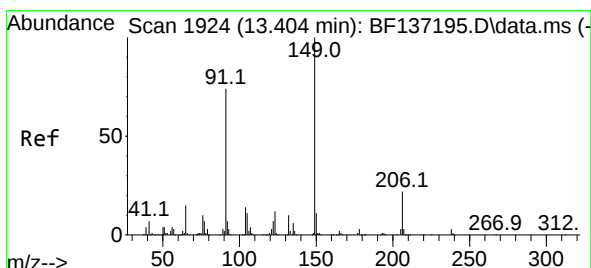
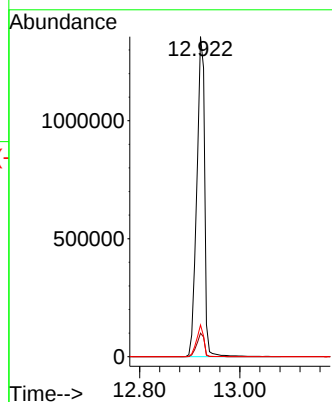
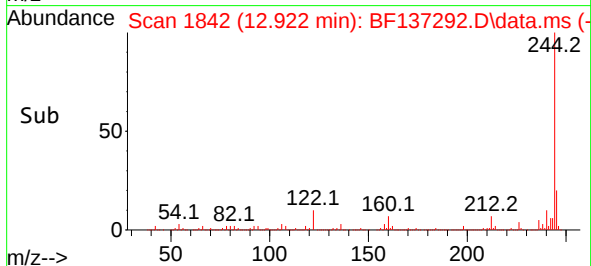


Tgt Ion:244 Resp: 1466910  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.5 8.3  
 122 9.9 6.2 9.4

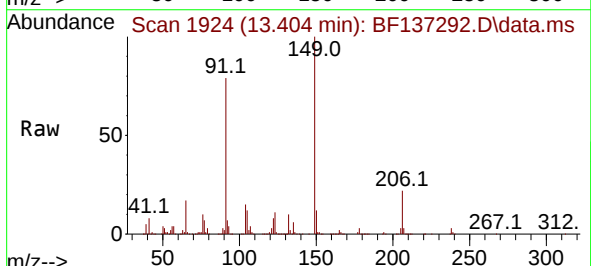
Manual Integrations

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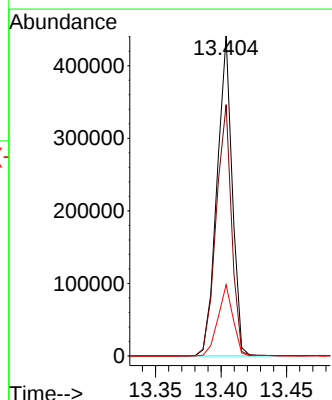
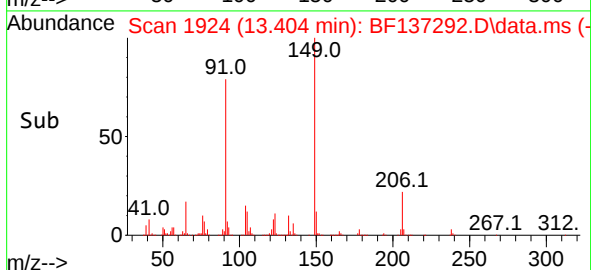
Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024

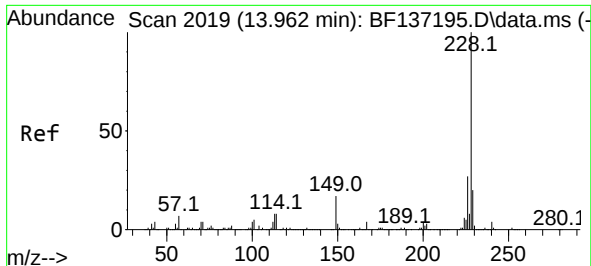


#80  
 Butylbenzylphthalate  
 Concen: 53.124 ng  
 RT: 13.404 min Scan# 1924  
 Delta R.T. -0.000 min  
 Lab File: BF137292.D  
 Acq: 06 Feb 2024 15:20



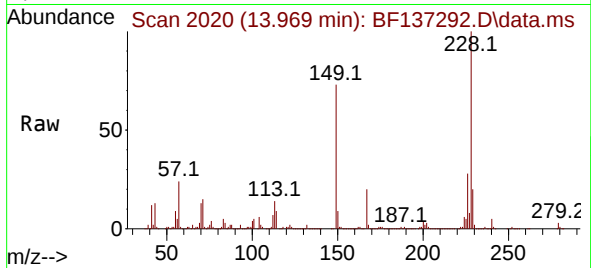
Tgt Ion:149 Resp: 355022  
 Ion Ratio Lower Upper  
 149 100  
 91 78.6 58.8 88.2  
 206 22.3 17.7 26.5





#81  
Benzo(a)anthracene  
Concen: 41.420 ng  
RT: 13.969 min Scan# 2019  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

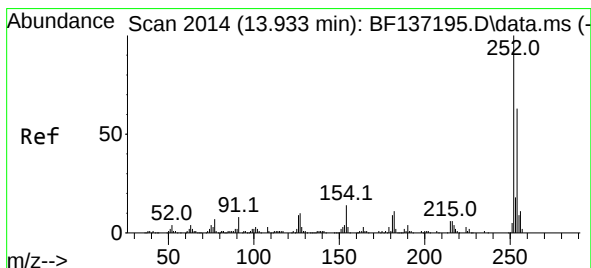
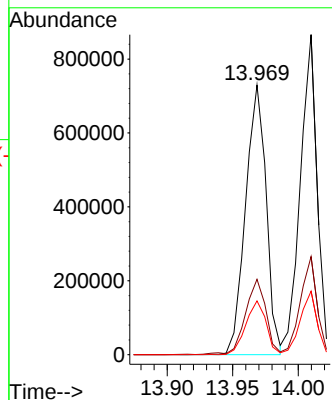
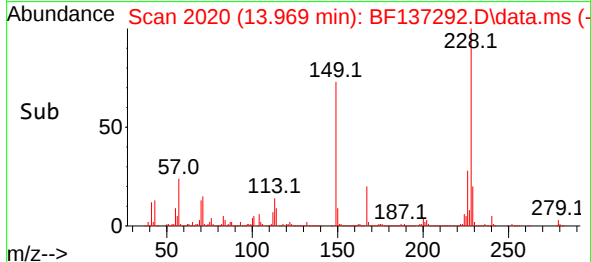
Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS



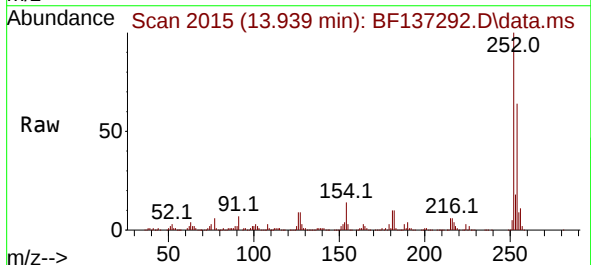
Tgt Ion:228 Resp: 797435  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.6 32.4  
229 19.9 15.8 23.6

Manual Integrations  
APPROVED

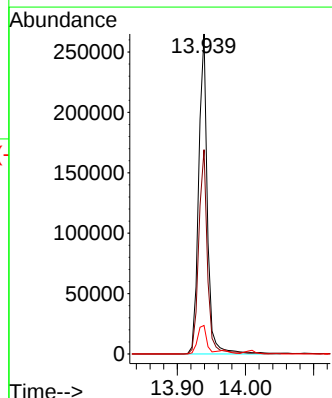
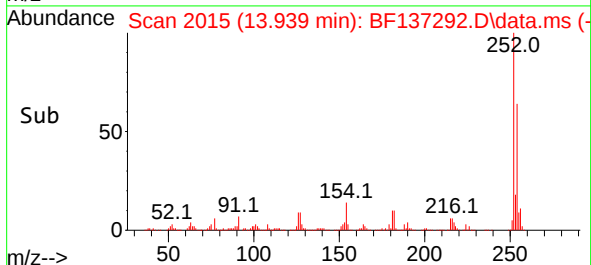
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

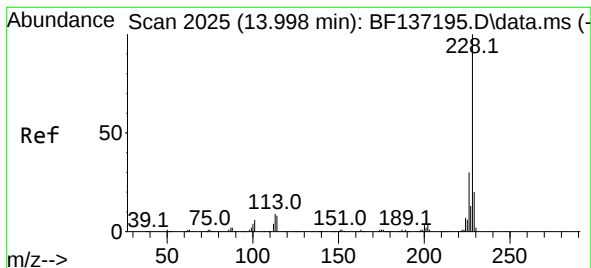


#82  
3,3'-Dichlorobenzidine  
Concen: 45.012 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:252 Resp: 236099  
Ion Ratio Lower Upper  
252 100  
254 63.8 50.2 75.2  
126 8.9 7.0 10.6





#83

Chrysene

Concen: 41.952 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.012 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

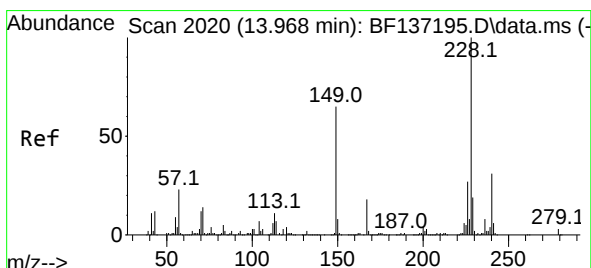
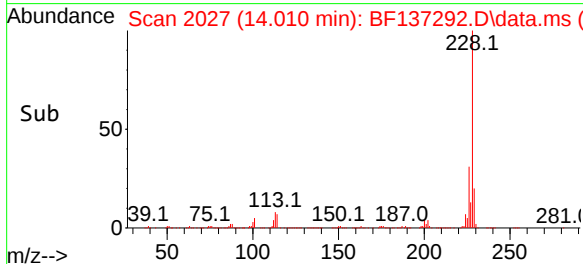
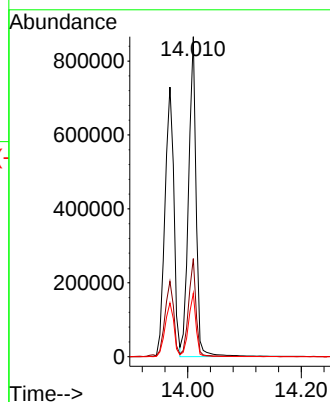
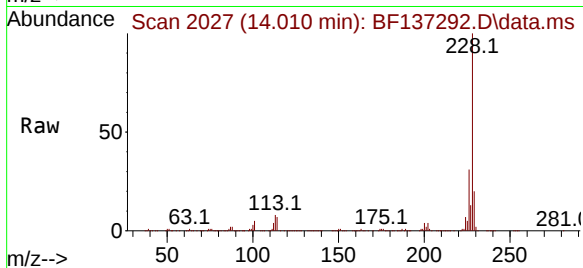
PB158836BS

Tgt Ion:228 Resp: 794044  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 23.7 35.5  
 229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.071 ng

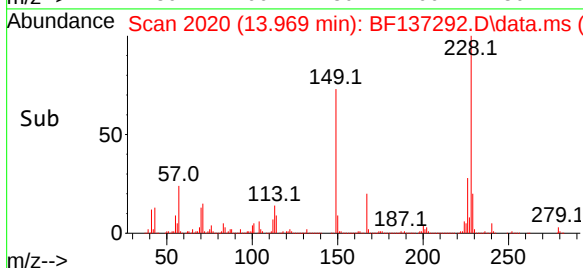
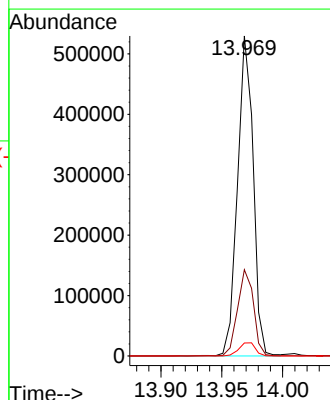
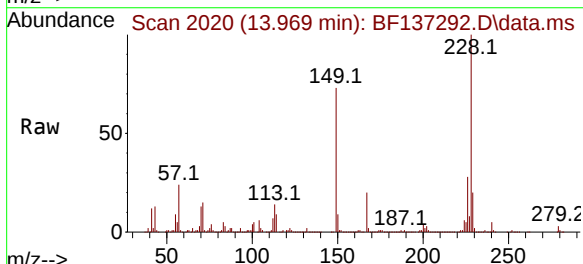
RT: 13.969 min Scan# 2020

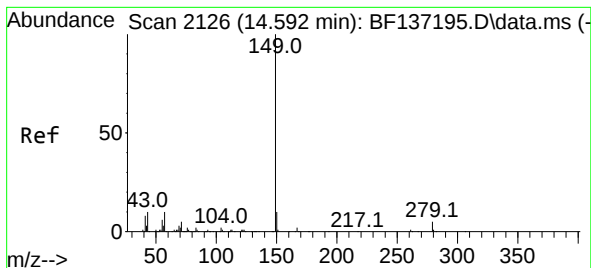
Delta R.T. 0.000 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

Tgt Ion:149 Resp: 474831  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 21.7 32.5  
 279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 62.143 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BF137292.D

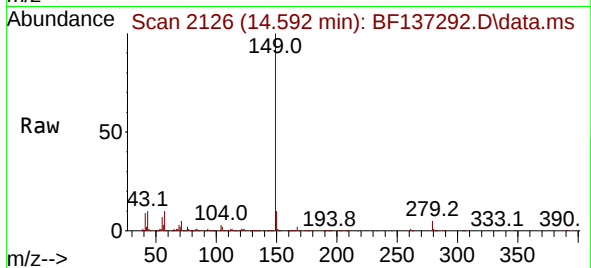
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS



Tgt Ion:149 Resp: 768239

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

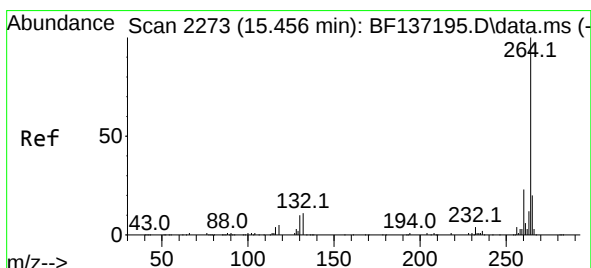
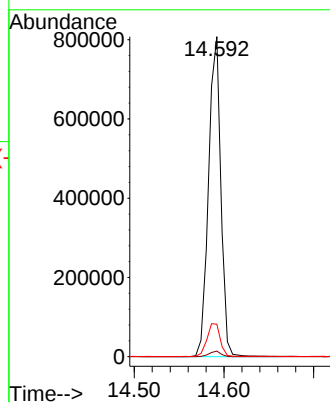
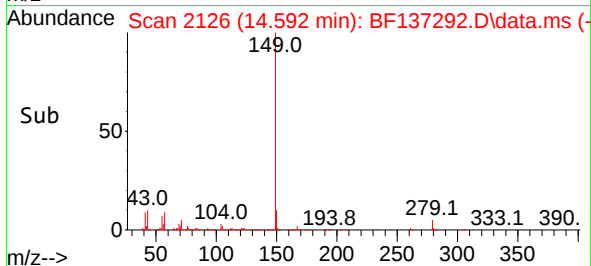
43 11.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF137292.D

Acq: 06 Feb 2024 15:20

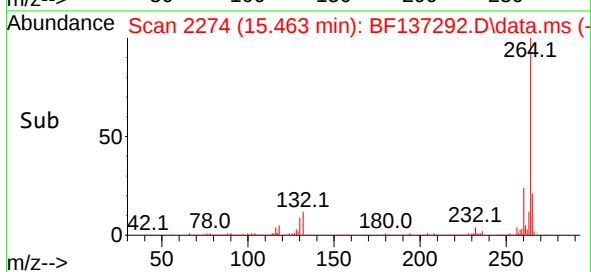
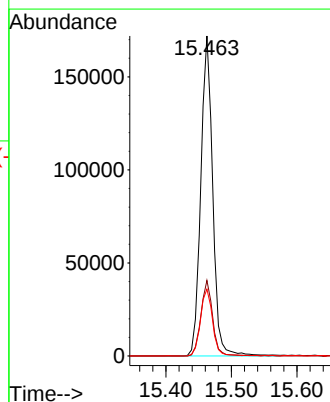
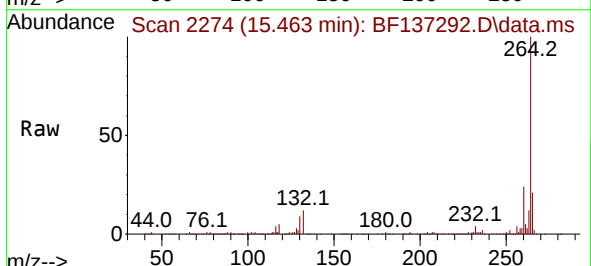
Tgt Ion:264 Resp: 218237

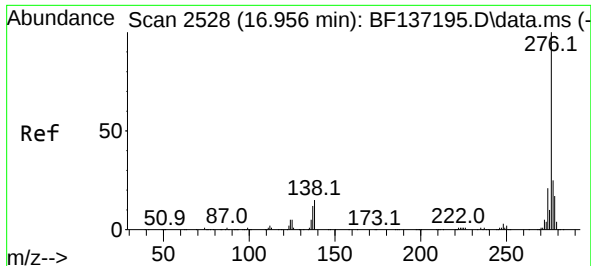
Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.9 16.2 24.2





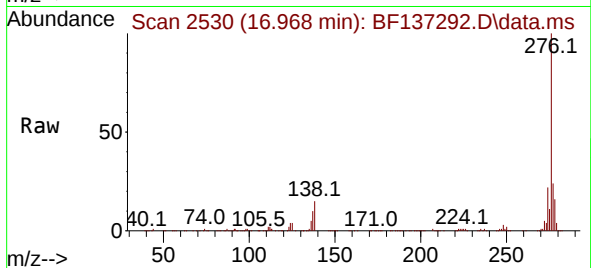
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 33.404 ng  
RT: 16.968 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

PB158836BS

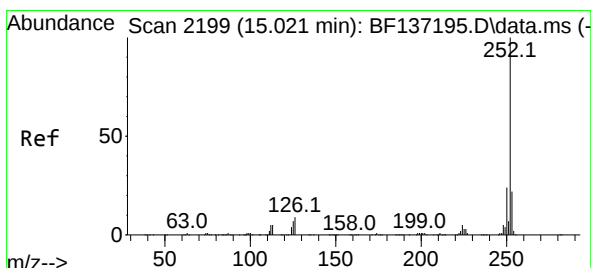
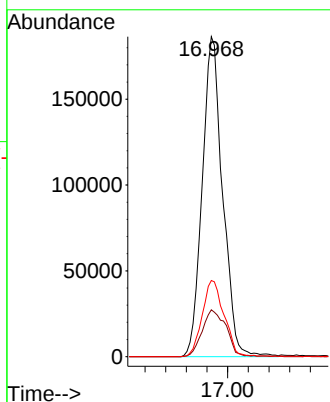
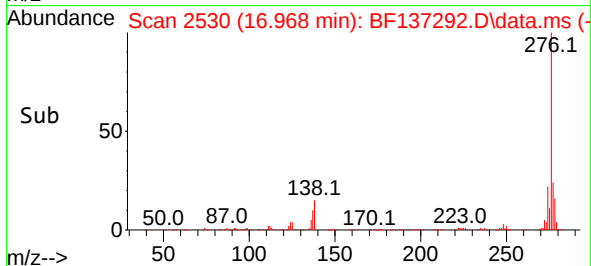


Tgt Ion:276 Resp: 51216  
Ion Ratio Lower Upper  
276 100  
138 17.1 14.6 21.8  
277 25.5 20.2 30.2

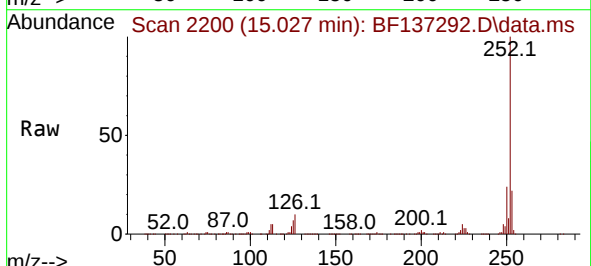
Manual Integrations

APPROVED

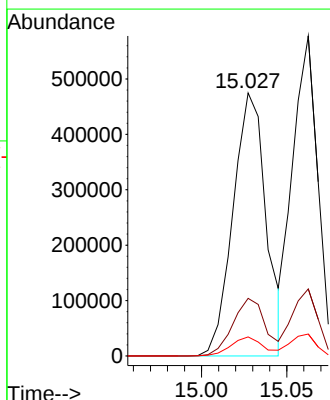
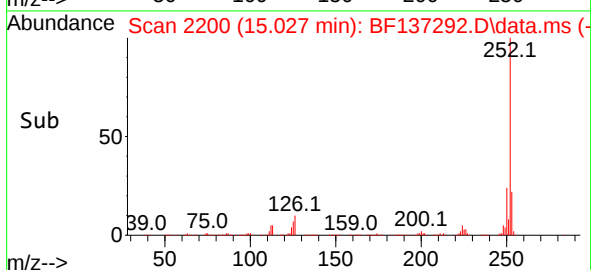
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

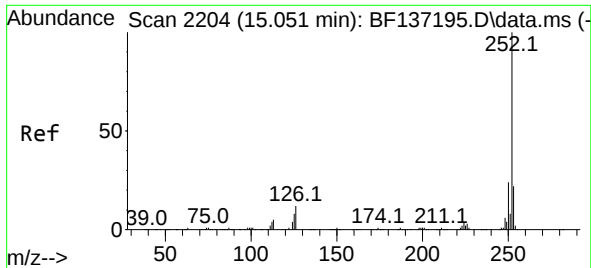


#88  
Benzo(b)fluoranthene  
Concen: 47.861 ng  
RT: 15.027 min Scan# 2200  
Delta R.T. 0.006 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



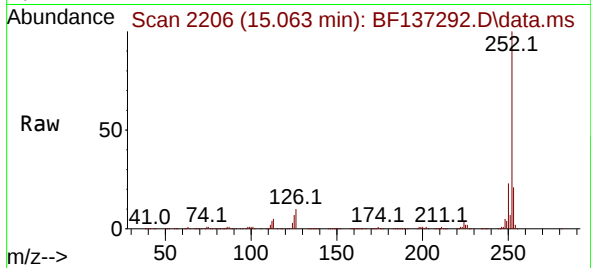
Tgt Ion:252 Resp: 642361  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.9 26.9  
125 7.3 5.4 8.2





#89  
Benzo(k)fluoranthene  
Concen: 43.019 ng  
RT: 15.063 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

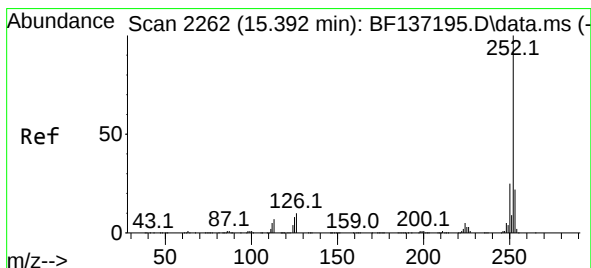
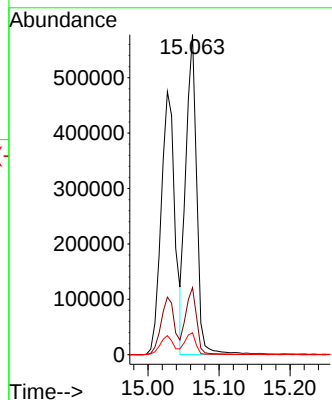
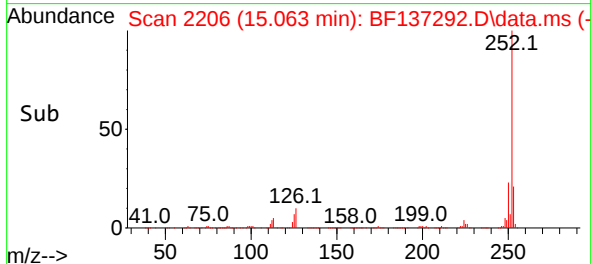
Instrument :  
BNA\_F  
ClientSampleId :  
PB158836BS



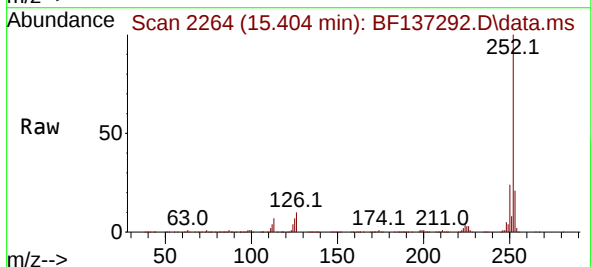
Tgt Ion:252 Resp: 61079  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.0 25.6  
125 6.9 5.9 8.9

Manual Integrations  
APPROVED

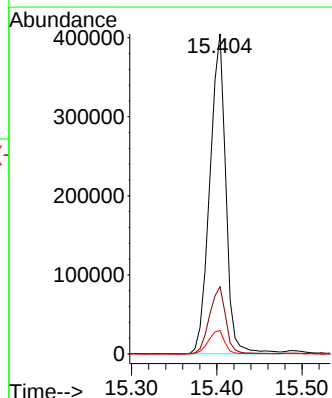
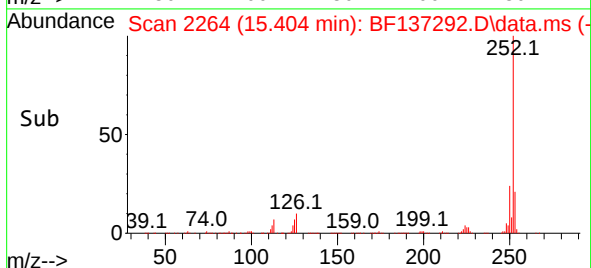
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

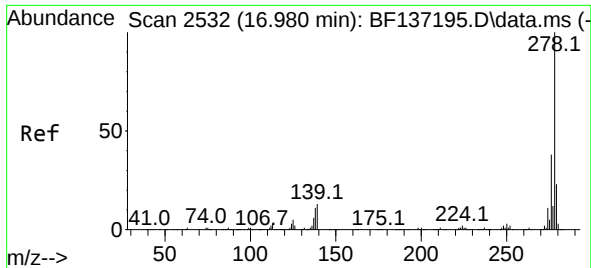


#90  
Benzo(a)pyrene  
Concen: 41.831 ng  
RT: 15.404 min Scan# 2264  
Delta R.T. 0.012 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20



Tgt Ion:252 Resp: 528346  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.8 26.6  
125 7.3 6.5 9.7





#91  
Dibenzo(a,h)anthracene  
Concen: 33.602 ng  
RT: 16.998 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Instrument :

BNA\_F

ClientSampleId :

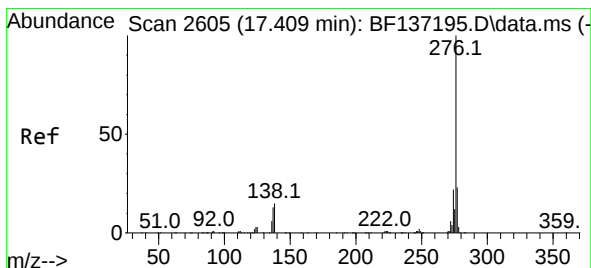
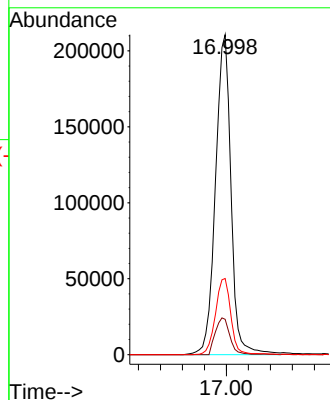
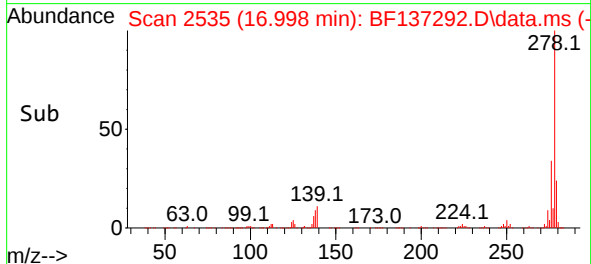
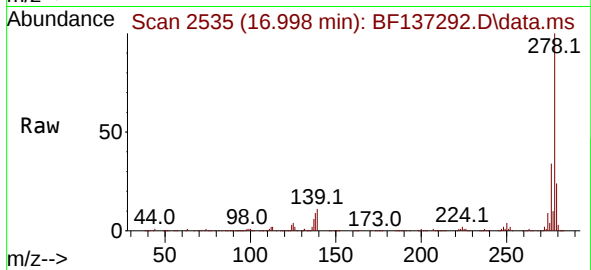
PB158836BS

Tgt Ion:278 Resp: 412810  
Ion Ratio Lower Upper  
278 100  
139 11.0 10.0 15.0  
279 23.8 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#92  
Benzo(g,h,i)perylene  
Concen: 32.447 ng  
RT: 17.427 min Scan# 2608  
Delta R.T. 0.018 min  
Lab File: BF137292.D  
Acq: 06 Feb 2024 15:20

Tgt Ion:276 Resp: 391236  
Ion Ratio Lower Upper  
276 100  
277 22.8 18.4 27.6  
138 14.6 11.8 17.8

