

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121823\  
 Data File : BF136607.D  
 Acq On : 18 Dec 2023 11:14  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 19 00:59:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 19 00:56:37 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                               |
|-------------------------------|--------|------|----------|--------|-------|----------|-------------------------------|
| Internal Standards            |        |      |          |        |       |          | 12/19/2023                    |
| 1) 1,4-Dichlorobenzene-d4     | 6.792  | 152  | 140143   | 20.000 | ng    | 0.00     | Supervised By :mohammad Ahmed |
| 21) Naphthalene-d8            | 8.069  | 136  | 558066   | 20.000 | ng    | 0.00     |                               |
| 39) Acenaphthene-d10          | 9.828  | 164  | 293271   | 20.000 | ng    | 0.00     |                               |
| 64) Phenanthrene-d10          | 11.322 | 188  | 526830   | 20.000 | ng    | 0.00     |                               |
| 76) Chrysene-d12              | 13.974 | 240  | 277889   | 20.000 | ng    | # 0.00   |                               |
| 86) Perylene-d12              | 15.457 | 264  | 259295   | 20.000 | ng    | 0.00     | 12/19/2023                    |
| System Monitoring Compounds   |        |      |          |        |       |          |                               |
| 5) 2-Fluorophenol             | 5.428  | 112  | 657031   | 69.238 | ng    | 0.00     |                               |
| 7) Phenol-d6                  | 6.445  | 99   | 821013   | 69.345 | ng    | 0.00     |                               |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 750158   | 72.668 | ng    | 0.00     |                               |
| 42) 2,4,6-Tribromophenol      | 10.627 | 330  | 259939   | 71.885 | ng    | 0.00     |                               |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1521637  | 70.797 | ng    | 0.00     |                               |
| 79) Terphenyl-d14             | 12.921 | 244  | 1638184  | 77.700 | ng    | 0.00     |                               |
| Target Compounds              |        |      |          |        |       |          | Qvalue                        |
| 2) 1,4-Dioxane                | 2.546  | 88   | 124969   | 33.295 | ng    |          | 94                            |
| 3) Pyridine                   | 3.304  | 79   | 333828   | 36.726 | ng    |          | 92                            |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 134119   | 33.963 | ng    |          | 99                            |
| 6) Aniline                    | 6.463  | 93   | 485203   | 40.551 | ng    |          | 99                            |
| 8) 2-Chlorophenol             | 6.581  | 128  | 358396   | 34.595 | ng    |          | 98                            |
| 9) Benzaldehyde               | 6.345  | 77   | 226213   | 37.196 | ng    |          | 94                            |
| 10) Phenol                    | 6.457  | 94   | 426245   | 33.833 | ng    |          | 77                            |
| 11) bis(2-Chloroethyl)ether   | 6.534  | 93   | 326039   | 34.720 | ng    |          | 98                            |
| 12) 1,3-Dichlorobenzene       | 6.734  | 146  | 372137   | 31.942 | ng    |          | 97                            |
| 13) 1,4-Dichlorobenzene       | 6.810  | 146  | 379992   | 32.152 | ng    |          | 99                            |
| 14) 1,2-Dichlorobenzene       | 6.963  | 146  | 353929   | 31.847 | ng    |          | 98                            |
| 15) Benzyl Alcohol            | 6.939  | 79   | 287143   | 36.218 | ng    |          | 98                            |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069  | 45   | 383689   | 31.768 | ng    |          | 88                            |
| 17) 2-Methylphenol            | 7.057  | 107  | 307195   | 36.704 | ng    |          | 94                            |
| 18) Hexachloroethane          | 7.298  | 117  | 133250   | 32.294 | ng    |          | 95                            |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 232762   | 34.081 | ng    |          | 98                            |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 373696   | 35.972 | ng    | #        | 76                            |
| 22) Acetophenone              | 7.204  | 105  | 488593   | 35.455 | ng    |          | 98                            |
| 24) Nitrobenzene              | 7.375  | 77   | 355436   | 34.227 | ng    |          | 99                            |
| 25) Isophorone                | 7.616  | 82   | 659357   | 35.552 | ng    |          | 97                            |
| 26) 2-Nitrophenol             | 7.686  | 139  | 195578   | 38.309 | ng    |          | 100                           |
| 27) 2,4-Dimethylphenol        | 7.734  | 122  | 281683   | 44.746 | ng    |          | 99                            |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 415128   | 36.426 | ng    |          | 99                            |
| 29) 2,4-Dichlorophenol        | 7.934  | 162  | 299171   | 36.005 | ng    |          | 99                            |
| 30) 1,2,4-Trichlorobenzene    | 8.010  | 180  | 329841   | 34.043 | ng    |          | 96                            |
| 31) Naphthalene               | 8.092  | 128  | 1069845  | 34.763 | ng    |          | 98                            |
| 32) Benzoic acid              | 7.875  | 122  | 218380m  | 34.969 | ng    |          |                               |
| 33) 4-Chloroaniline           | 8.145  | 127  | 433317   | 39.494 | ng    |          | 99                            |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 196613   | 34.240 | ng    |          | 98                            |
| 35) Caprolactam               | 8.528  | 113  | 95103    | 37.166 | ng    | #        | 85                            |
| 36) 4-Chloro-3-methylphenol   | 8.633  | 107  | 316958   | 35.926 | ng    |          | 100                           |
| 37) 2-Methylnaphthalene       | 8.786  | 142  | 721317   | 36.842 | ng    |          | 94                            |
| 38) 1-Methylnaphthalene       | 8.886  | 142  | 668388   | 34.790 | ng    |          | 96                            |
| 40) 1,2,4,5-Tetrachloroben... | 8.951  | 216  | 334737   | 36.687 | ng    |          | 99                            |
| 41) Hexachlorocyclopentadiene | 8.933  | 237  | 134684   | 39.845 | ng    |          | 99                            |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 210242   | 35.389 | ng    |          | 98                            |

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Manual Integrations  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |                                  |
|-------------------------------|--------|------|----------|--------|-------|----------|----------------------------------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 247176   | 37.278 | ng    | 97       | 12/19/2023                       |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 886633   | 35.530 | ng    | 98       | Supervised By :mohammad<br>ahmed |
| 47) 2-Chloronaphthalene       | 9.275  | 162  | 644031   | 33.159 | ng    | 96       |                                  |
| 48) 2-Nitroaniline            | 9.375  | 65   | 188269   | 36.142 | ng    | 95       |                                  |
| 49) Acenaphthylene            | 9.692  | 152  | 982405   | 35.507 | ng    | 99       |                                  |
| 50) Dimethylphthalate         | 9.557  | 163  | 791190   | 36.643 | ng    | 99       |                                  |
| 51) 2,6-Dinitrotoluene        | 9.622  | 165  | 172821   | 35.578 | ng    | 95       | 12/19/2023                       |
| 52) Acenaphthene              | 9.863  | 154  | 619994   | 34.969 | ng    | 97       |                                  |
| 53) 3-Nitroaniline            | 9.792  | 138  | 181245   | 36.539 | ng    | 97       |                                  |
| 54) 2,4-Dinitrophenol         | 9.898  | 184  | 82971    | 33.784 | ng    | # 92     |                                  |
| 55) Dibenzofuran              | 10.039 | 168  | 931837   | 35.977 | ng    | 97       |                                  |
| 56) 4-Nitrophenol             | 9.963  | 139  | 122546   | 32.956 | ng    | 90       |                                  |
| 57) 2,4-Dinitrotoluene        | 10.028 | 165  | 219009   | 34.082 | ng    | 95       |                                  |
| 58) Fluorene                  | 10.380 | 166  | 724560   | 34.849 | ng    | 100      |                                  |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232  | 186019   | 35.024 | ng    | 99       |                                  |
| 60) Diethylphthalate          | 10.257 | 149  | 752949   | 35.463 | ng    | 99       |                                  |
| 61) 4-Chlorophenyl-phenyle... | 10.375 | 204  | 370733   | 36.577 | ng    | 93       |                                  |
| 62) 4-Nitroaniline            | 10.410 | 138  | 180663   | 36.680 | ng    | 99       |                                  |
| 63) Azobenzene                | 10.533 | 77   | 663669   | 34.342 | ng    | 97       |                                  |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198  | 126250   | 38.695 | ng    | 94       |                                  |
| 66) n-Nitrosodiphenylamine    | 10.498 | 169  | 646923   | 38.268 | ng    | 96       |                                  |
| 67) 4-Bromophenyl-phenylether | 10.863 | 248  | 233773   | 38.166 | ng    | 94       |                                  |
| 68) Hexachlorobenzene         | 10.927 | 284  | 247650   | 34.982 | ng    | 99       |                                  |
| 69) Atrazine                  | 11.027 | 200  | 162923   | 33.767 | ng    | 97       |                                  |
| 70) Pentachlorophenol         | 11.127 | 266  | 163031   | 40.804 | ng    | 98       |                                  |
| 71) Phenanthrene              | 11.345 | 178  | 1050451  | 36.276 | ng    | 98       |                                  |
| 72) Anthracene                | 11.398 | 178  | 1080053  | 37.031 | ng    | 99       |                                  |
| 73) Carbazole                 | 11.557 | 167  | 890885   | 34.512 | ng    | 99       |                                  |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 1190391  | 37.616 | ng    | 100      |                                  |
| 75) Fluoranthene              | 12.539 | 202  | 1030241  | 33.951 | ng    | 97       |                                  |
| 77) Benzidine                 | 12.663 | 184  | 115239   | 24.321 | ng    | 99       |                                  |
| 78) Pyrene                    | 12.774 | 202  | 1029665  | 37.834 | ng    | 98       |                                  |
| 80) Butylbenzylphthalate      | 13.398 | 149  | 402018   | 41.496 | ng    | 98       |                                  |
| 81) Benzo(a)anthracene        | 13.968 | 228  | 712049   | 36.786 | ng    | 99       |                                  |
| 82) 3,3'-Dichlorobenzidine    | 13.933 | 252  | 236366   | 43.552 | ng    | 98       |                                  |
| 83) Chrysene                  | 14.004 | 228  | 680365   | 35.725 | ng    | 99       |                                  |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149  | 513064   | 43.199 | ng    | 99       |                                  |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 758989   | 43.264 | ng    | 99       |                                  |
| 87) Indeno(1,2,3-cd)pyrene    | 16.974 | 276  | 719677   | 39.951 | ng    | 99       |                                  |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 604553   | 34.100 | ng    | 99       |                                  |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 537491   | 32.170 | ng    | 98       |                                  |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 557989   | 38.111 | ng    | 99       |                                  |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 599571   | 40.628 | ng    | 98       |                                  |
| 92) Benzo(g,h,i)perylene      | 17.439 | 276  | 606201   | 40.021 | ng    | 98       |                                  |

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

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TIC: BF136607.D\data.ms

12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023

Abundance

Time-->

1,4-Dioxane

Nitrosodiphenylamine,

2-Fluorophenol, S

Benzaldehyde

Bis(2-methylphenyl)ether

1,4-Dichlorobenzene, C

2,2'-oxybis(1-chloropropane), 1,2-Dimethylbenzene

Nitrobenzene-d5, S

2-Nitrophenol

2,4-Dimethylphenol

Bis(2-chlorophenyl)ether

Naphthalene

Hexachlorobutadiene, C

4-Chloro-3-methylphenol, C

2-Methylnaphthalene

1,1'-Biphenyl

2-Chloronaphthalene

Acenaphthylene

Acenaphthene, C

2,3,4,6-Tetrachlorophenol

2,3,4,6-Tetrachlorophenol

2,4,6-Tribromophenol

2,4,6-Tribromophenyl-phenylether

Hexachlorophenol, C

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobenzidine-d12, I

Benzo(a)anthracene

Bis(2-ethylhexyl)phthalate

Di-n-octyl phthalate, c

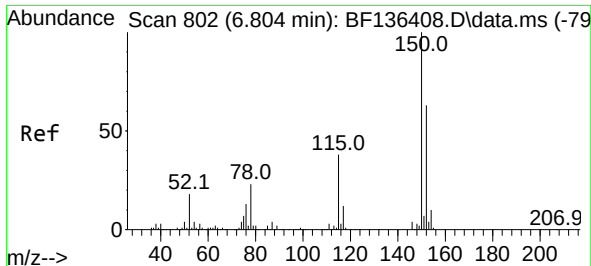
Benzo(b)fluoranthene

Benzo(a)pyrene, C

Perylene-d12, I

Benzo(g, h, i)perylene

Indeno(1,2,3-cd)pyrene

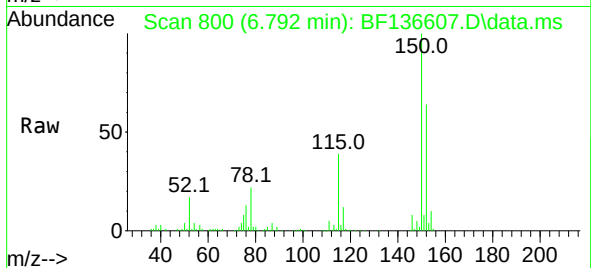


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.792 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

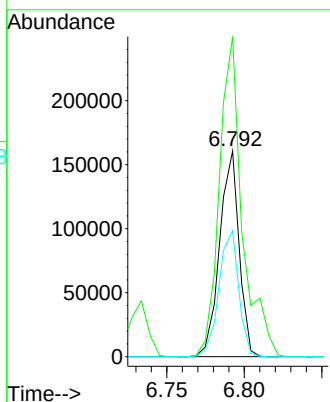
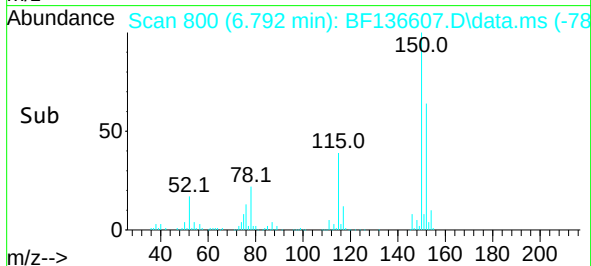
ClientSampleId :



Tgt Ion:152 Resp: 14014  
Ion Ratio Lower Upper  
152 100  
150 155.7 126.4 189.6  
115 61.3 48.2 72.4

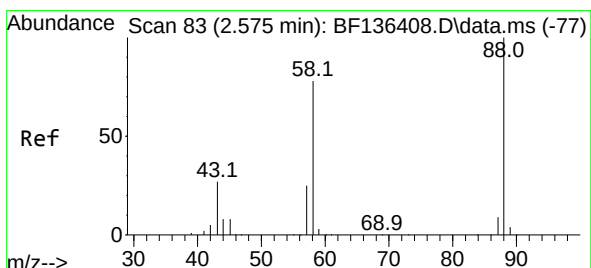
Manual Integrations  
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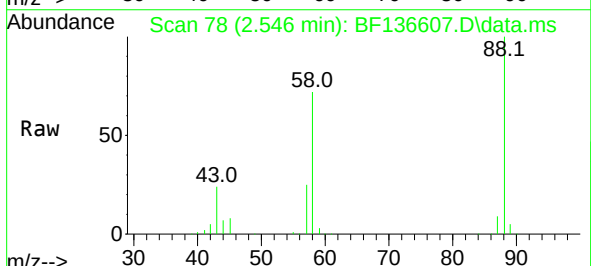


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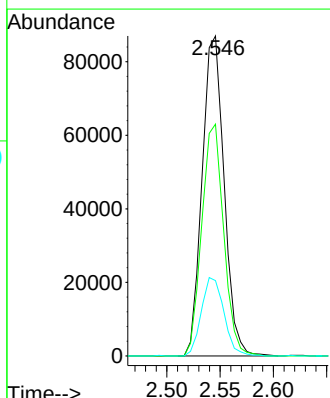
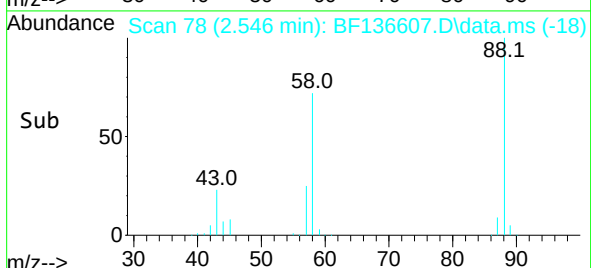
12/19/2023

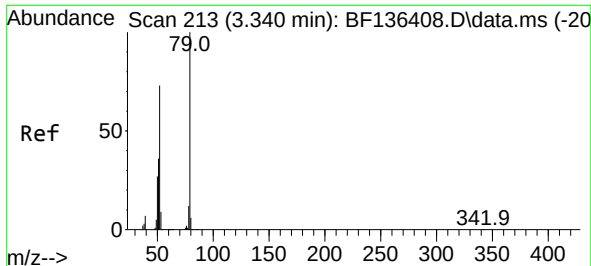


#2  
1,4-Dioxane  
Concen: 33.295 ng  
RT: 2.546 min Scan# 78  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



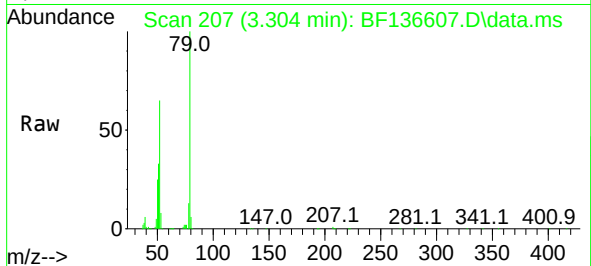
Tgt Ion: 88 Resp: 124969  
Ion Ratio Lower Upper  
88 100  
58 72.2 62.2 93.2  
43 25.1 21.5 32.3





#3  
Pyridine  
Concen: 36.726 ng  
RT: 3.304 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

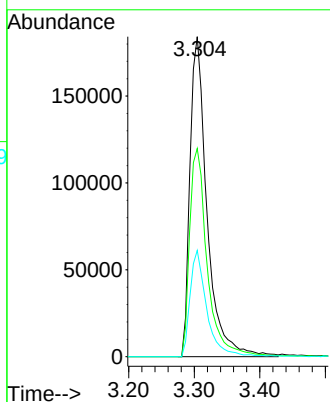
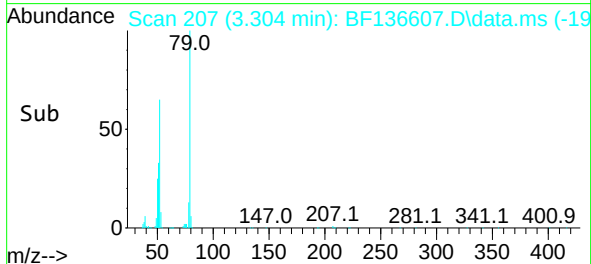
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 79 Resp: 333828  
Ion Ratio Lower Upper  
79 100  
52 65.1 58.2 87.2  
51 33.2 29.1 43.7

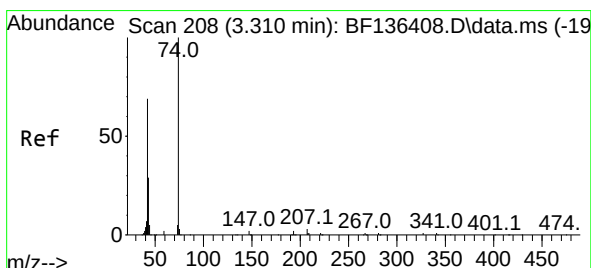
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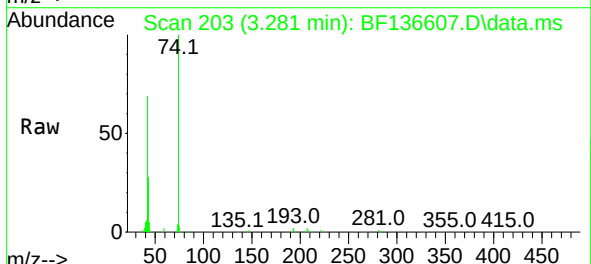


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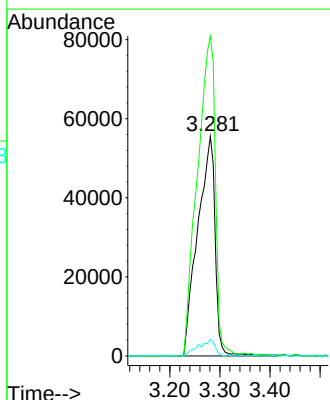
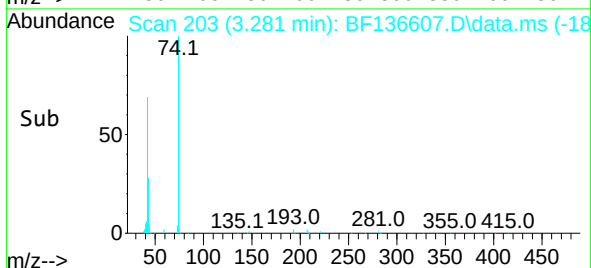
12/19/2023

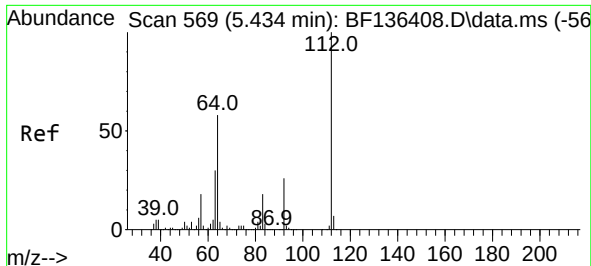


#4  
n-Nitrosodimethylamine  
Concen: 33.963 ng  
RT: 3.281 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



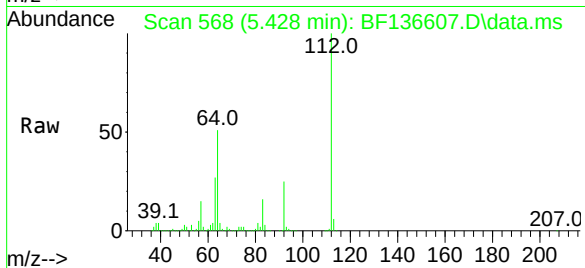
Tgt Ion: 42 Resp: 134119  
Ion Ratio Lower Upper  
42 100  
74 145.7 115.4 173.0  
44 7.6 6.2 9.2





#5  
2-Fluorophenol  
Concen: 69.238 ng  
RT: 5.428 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
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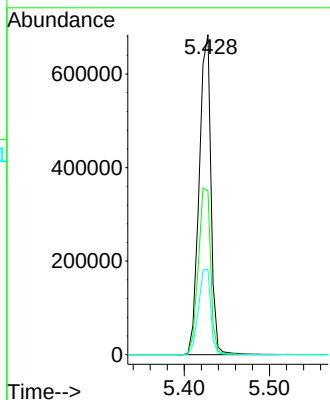
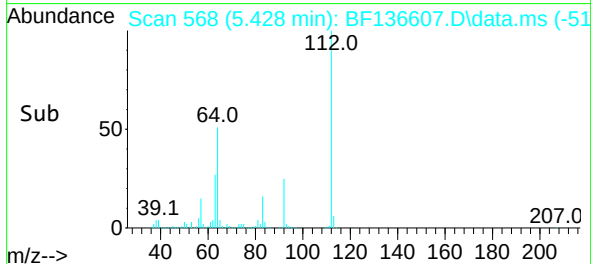
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 112 Resp: 65703  
Ion Ratio Lower Upper  
112 100  
64 51.2 46.5 69.7  
63 26.7 23.9 35.9

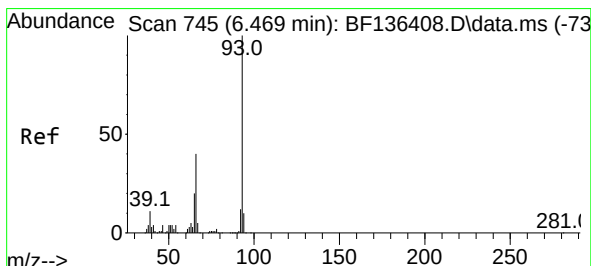
Manual Integrations  
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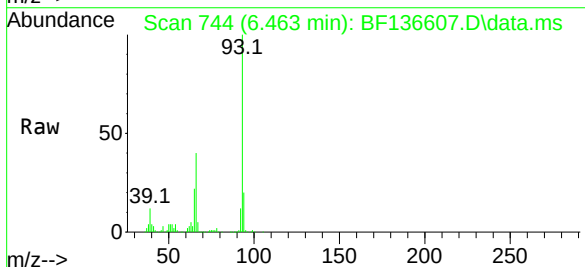


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Supervised By :mohammad  
ahmed

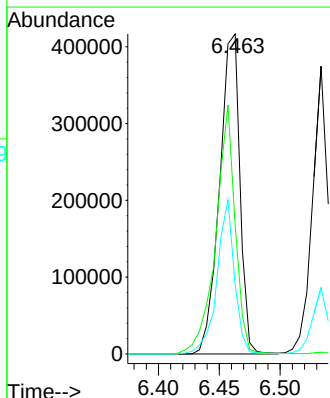
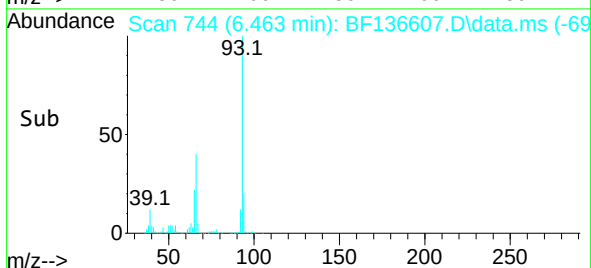
12/19/2023

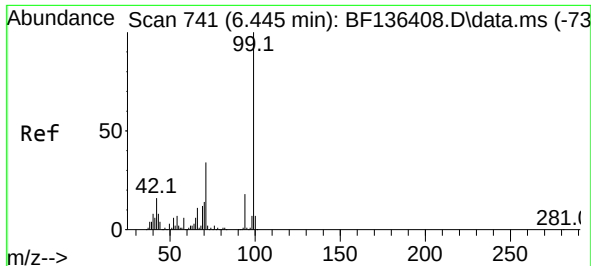


#6  
Aniline  
Concen: 40.551 ng  
RT: 6.463 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion: 93 Resp: 485203  
Ion Ratio Lower Upper  
93 100  
66 40.2 32.5 48.7  
65 21.7 16.4 24.6





#7

Phenol-d6

Concen: 69.345 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

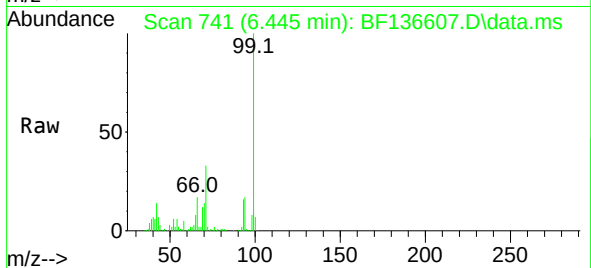
Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

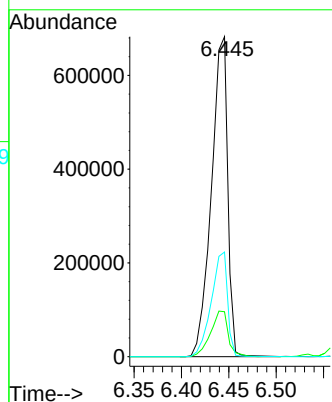
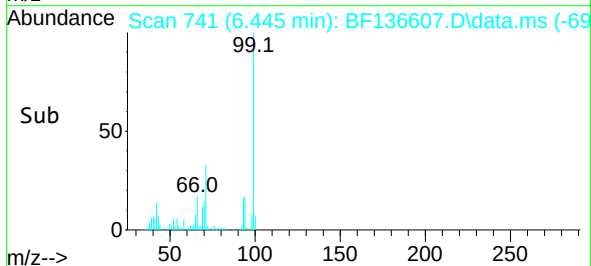
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 82101 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 14.1  | 12.8  | 19.2  |
| 71       | 32.7  | 27.0  | 40.4  |

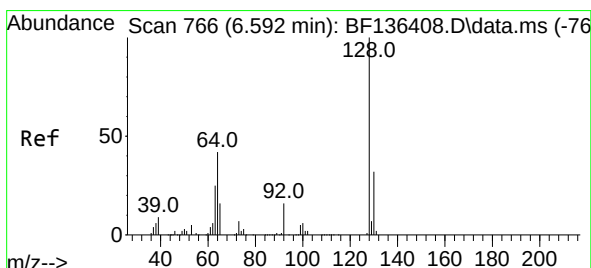
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023



#8

2-Chlorophenol

Concen: 34.595 ng

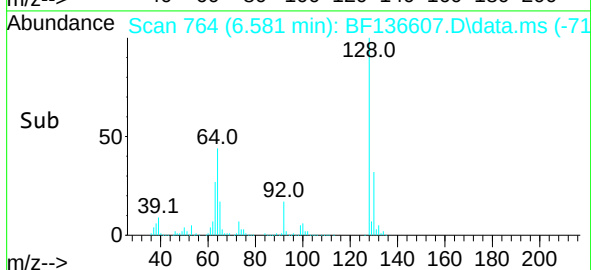
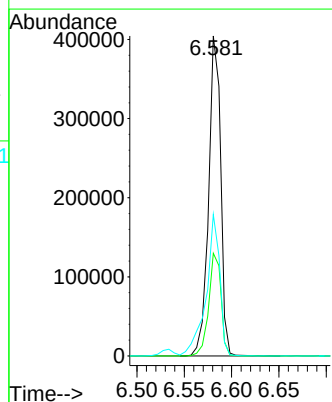
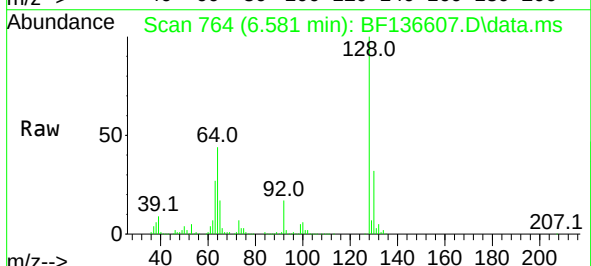
RT: 6.581 min Scan# 764

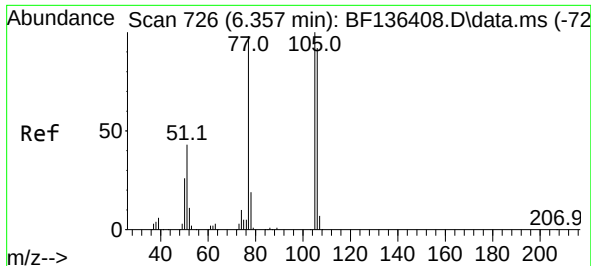
Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

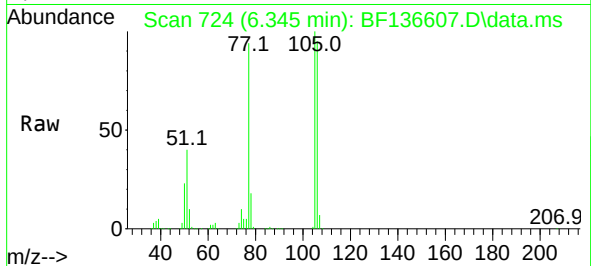
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 358396 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.1  | 11.7  | 51.7   |
| 64       | 44.2  | 22.5  | 62.5   |





#9  
Benzaldehyde  
Concen: 37.196 ng  
RT: 6.345 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

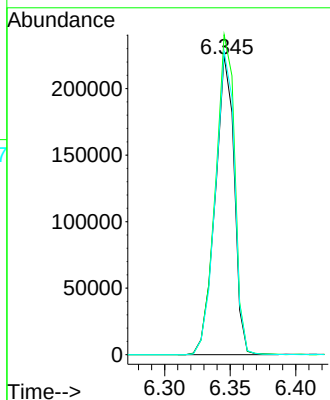
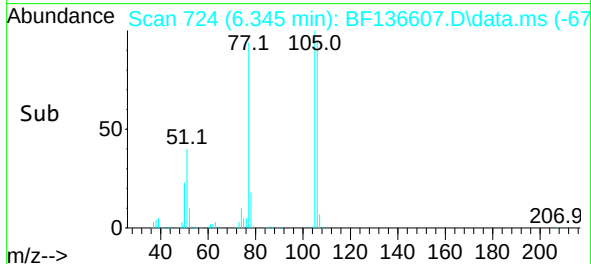
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 77 Resp: 22621  
Ion Ratio Lower Upper  
77 100  
105 106.9 82.5 122.5  
106 101.4 74.5 114.5

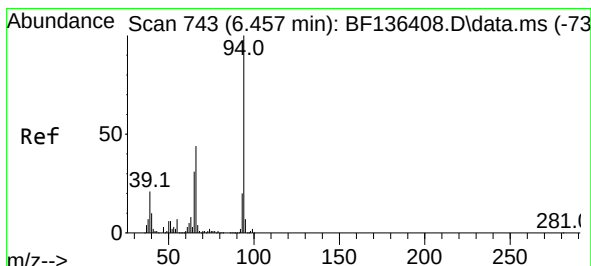
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

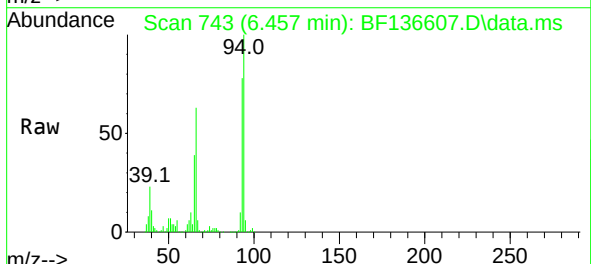


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Supervised By :mohammad  
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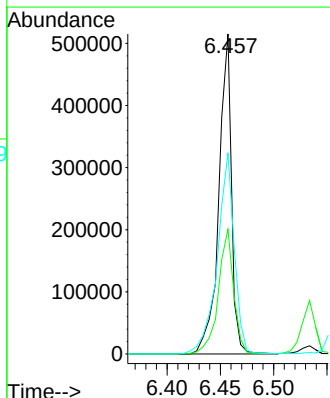
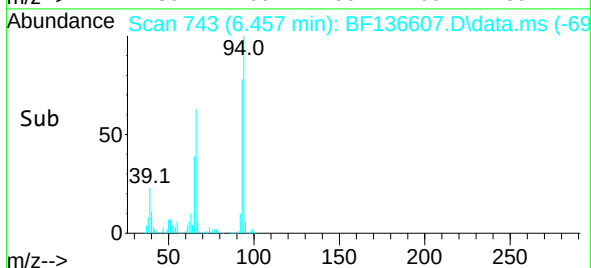
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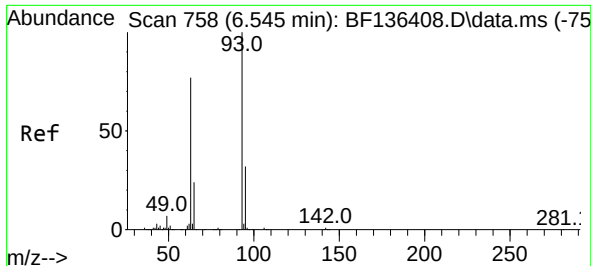
#10  
Phenol  
Concen: 33.833 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion: 94 Resp: 426245  
Ion Ratio Lower Upper  
94 100  
65 38.9 11.2 51.2  
66 62.9 24.2 64.2







#11

bis(2-Chloroethyl)ether

Concen: 34.720 ng

RT: 6.534 min Scan# 7

Delta R.T. 0.000 min

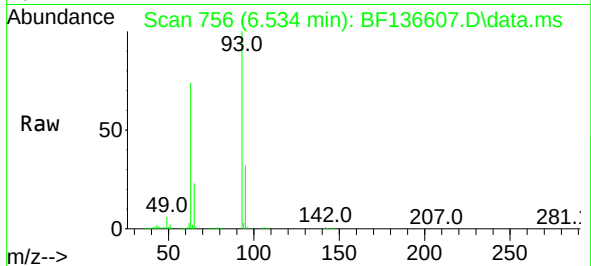
Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 93 Resp: 326039

Ion Ratio Lower Upper

93 100

63 74.2 56.8 96.8

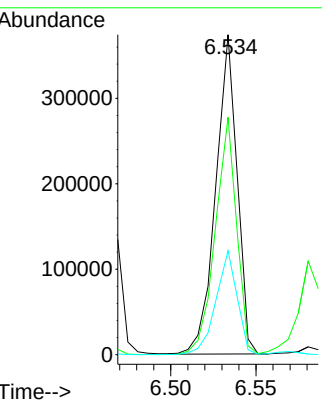
95 32.5 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh

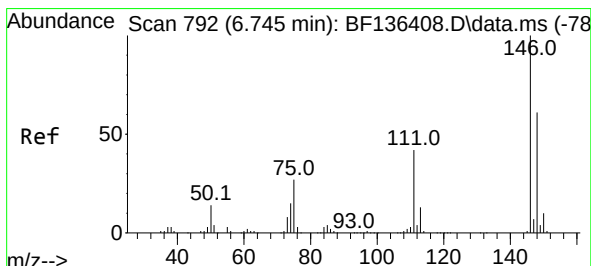
Patel



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#12

1,3-Dichlorobenzene

Concen: 31.942 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

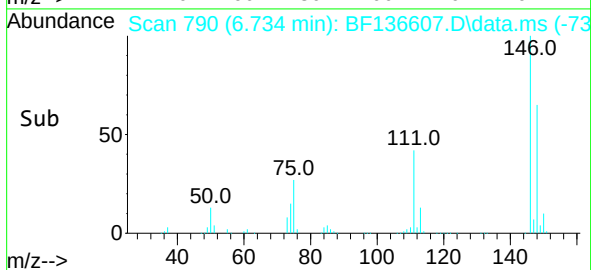
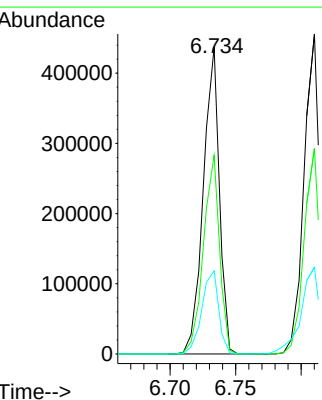
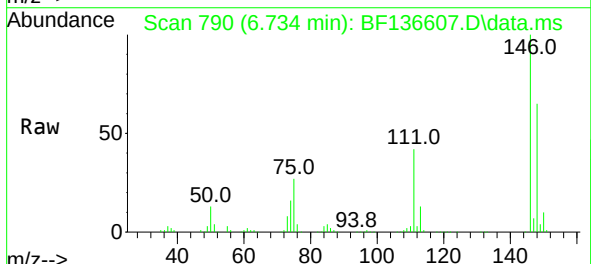
Tgt Ion:146 Resp: 372137

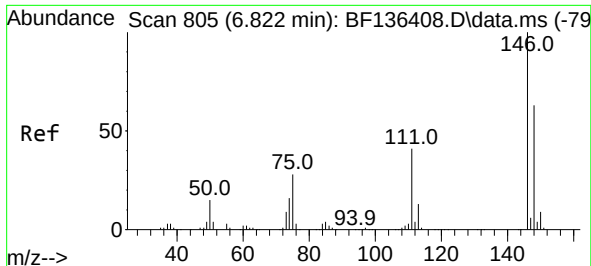
Ion Ratio Lower Upper

146 100

148 64.8 49.0 73.6

75 27.1 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 32.152 ng

RT: 6.810 min Scan# 805

Delta R.T. 0.000 min

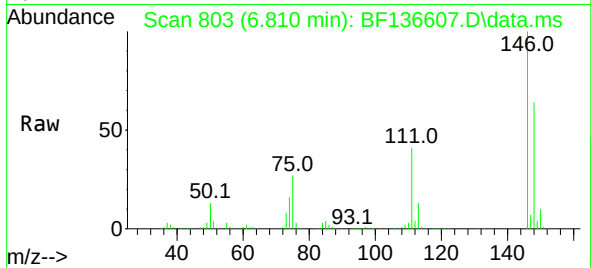
Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

ClientSampleId :

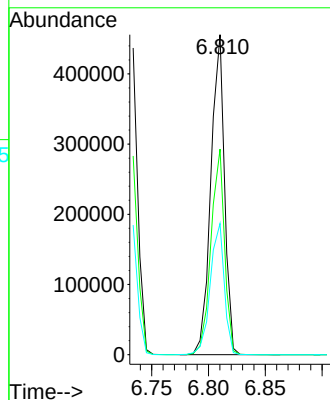


Tgt Ion:146 Resp: 379992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.3  | 50.3  | 75.5  |
| 111 | 41.0  | 32.6  | 49.0  |

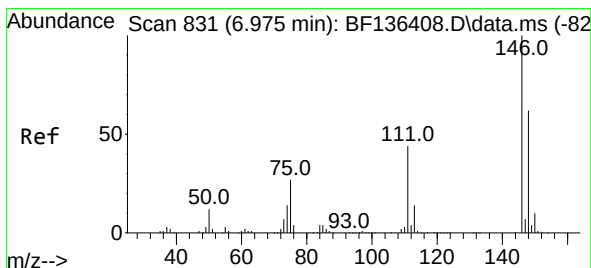
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



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Supervised By :mohammad  
ahmed

12/19/2023



#14

1,2-Dichlorobenzene

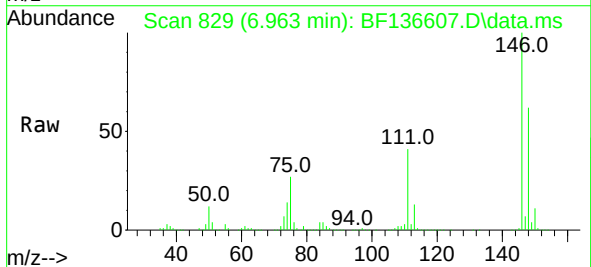
Concen: 31.847 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

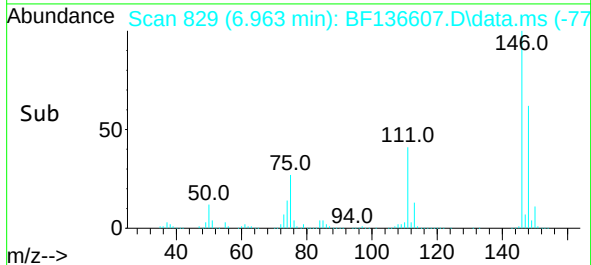
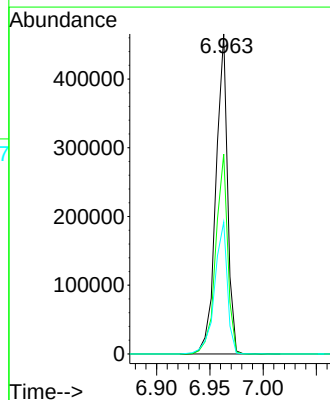
Lab File: BF136607.D

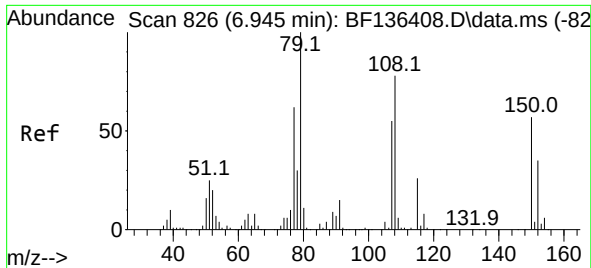
Acq: 18 Dec 2023 11:14



Tgt Ion:146 Resp: 353929

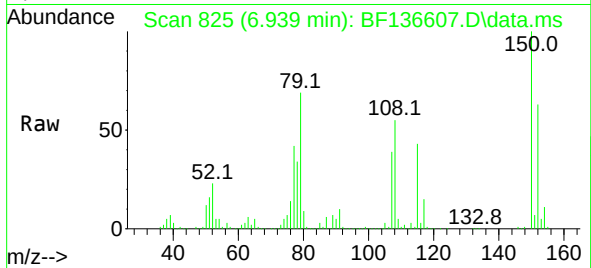
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 62.5  | 49.8  | 74.6  |
| 111 | 41.2  | 34.9  | 52.3  |





#15  
Benzyl Alcohol  
Concen: 36.218 ng  
RT: 6.939 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

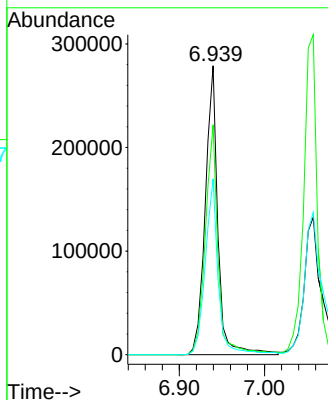
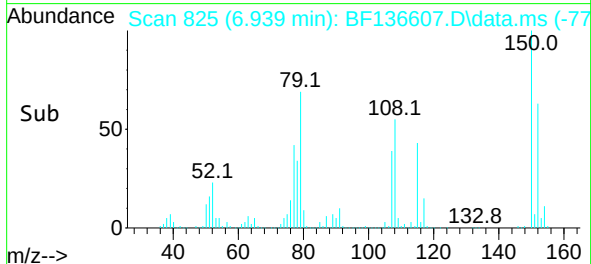
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 79 Resp: 28714  
Ion Ratio Lower Upper  
79 100  
108 79.6 62.3 93.5  
77 60.8 49.8 74.8

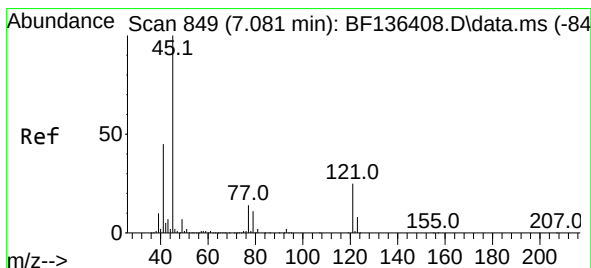
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

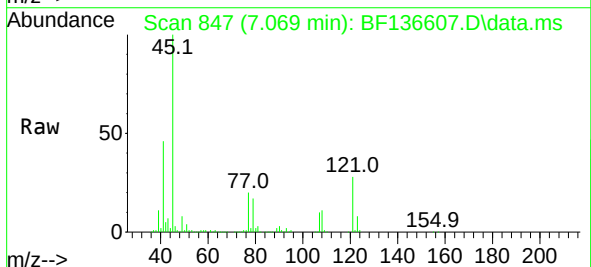


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Supervised By :mohammad  
ahmed

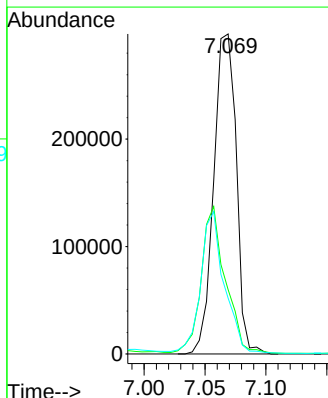
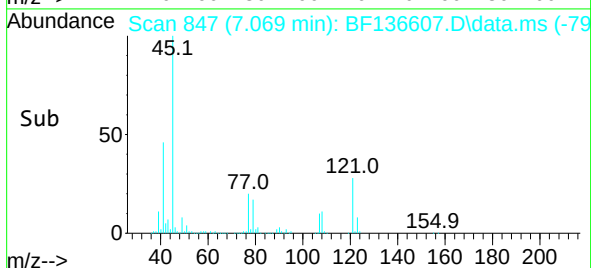
12/19/2023

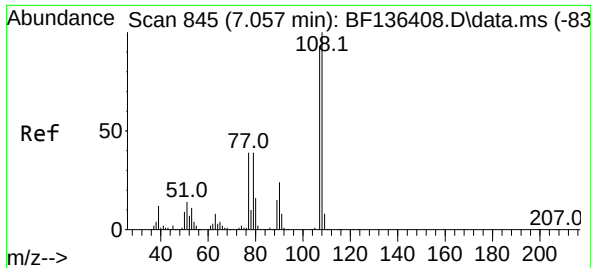


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.768 ng  
RT: 7.069 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion: 45 Resp: 383689  
Ion Ratio Lower Upper  
45 100  
77 20.1 0.0 35.3  
79 17.5 0.0 32.5



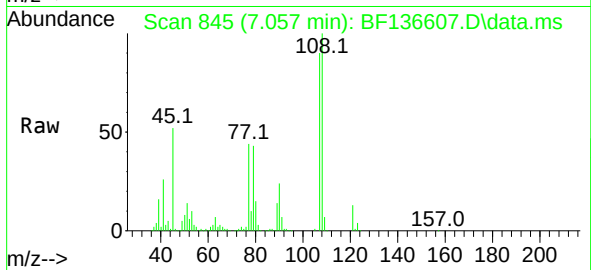


#17  
2-Methylphenol  
Concen: 36.704 ng  
RT: 7.057 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

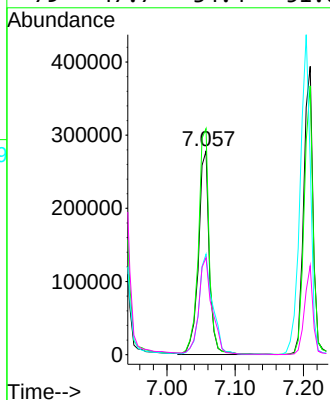
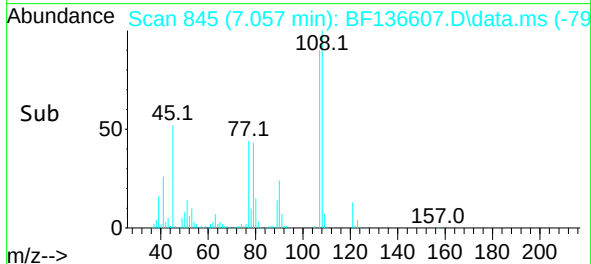
ClientSampleId :



Tgt Ion:107 Resp: 30719  
Ion Ratio Lower Upper  
107 100  
108 111.1 86.5 129.7  
77 49.4 33.8 50.8  
79 47.7 34.4 51.6

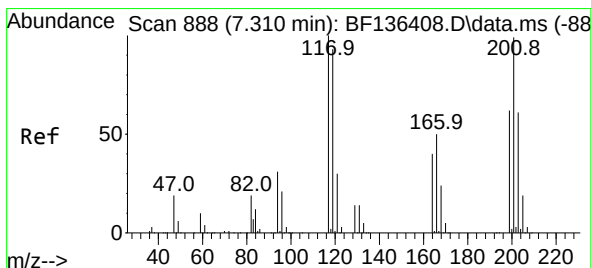
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



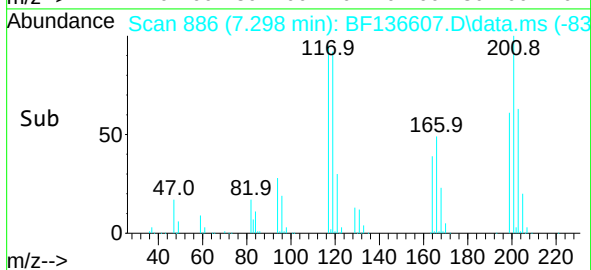
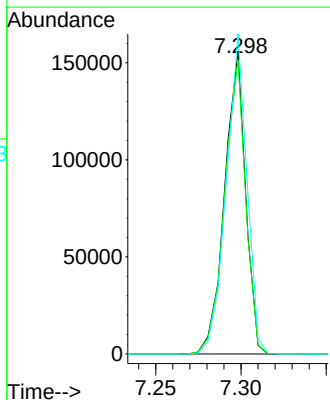
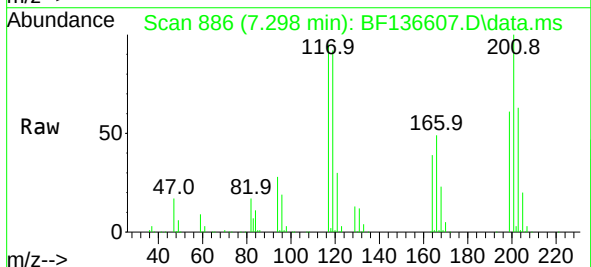
12/19/2023  
Supervised By :mohammad  
ahmed

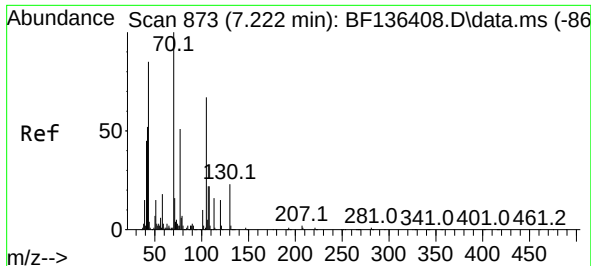
12/19/2023



#18  
Hexachloroethane  
Concen: 32.294 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:117 Resp: 133250  
Ion Ratio Lower Upper  
117 100  
119 97.0 74.3 111.5  
201 105.7 79.3 118.9





#19

n-Nitroso-di-n-propylamine

Concen: 34.081 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.000 min

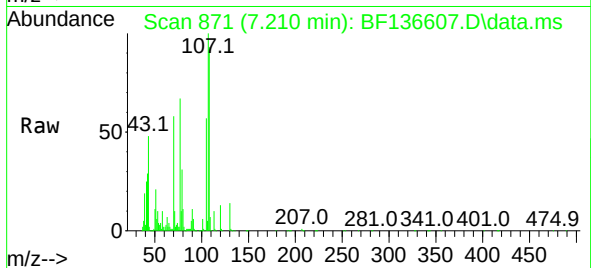
Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 70 Resp: 232762

Ion Ratio Lower Upper

70 100

42 49.8 41.4 62.0

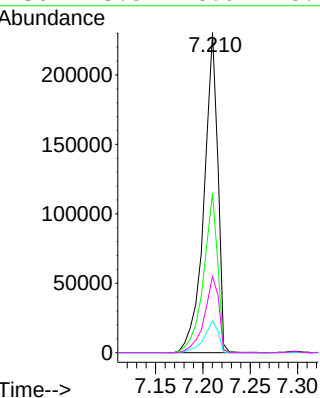
101 9.9 8.2 12.4

130 23.8 18.6 28.0

Manual Integrations

APPROVED

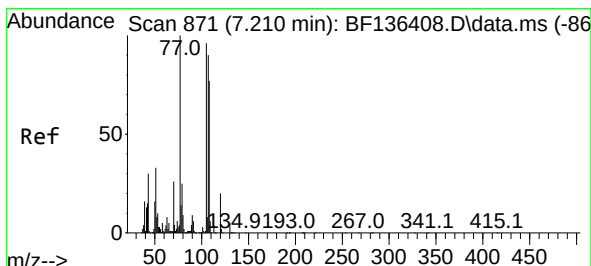
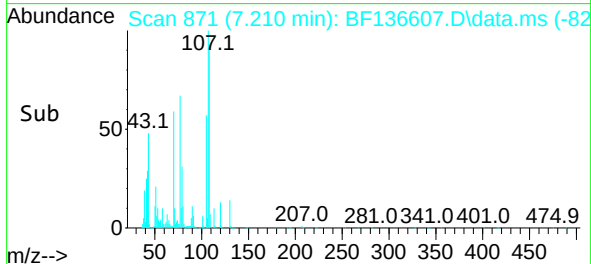
Reviewed By :Yogesh  
Patel



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Supervised By :mohammad  
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#20

3+4-Methylphenols

Concen: 35.972 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Tgt Ion:107 Resp: 373696

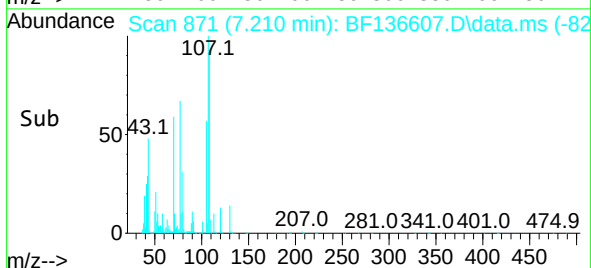
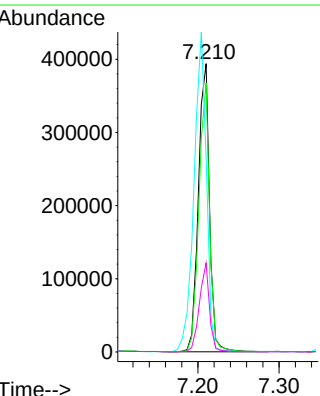
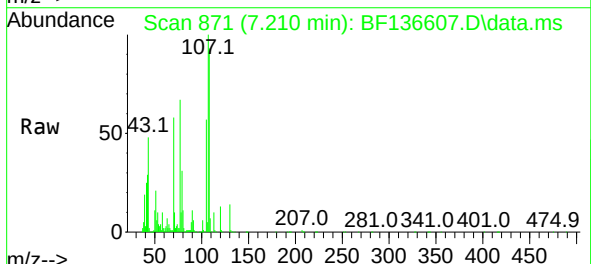
Ion Ratio Lower Upper

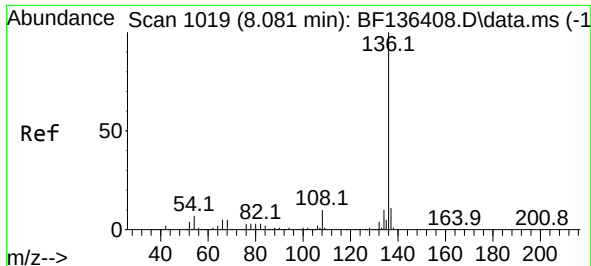
107 100

108 93.2 65.9 105.9

77 67.4 91.7 131.7#

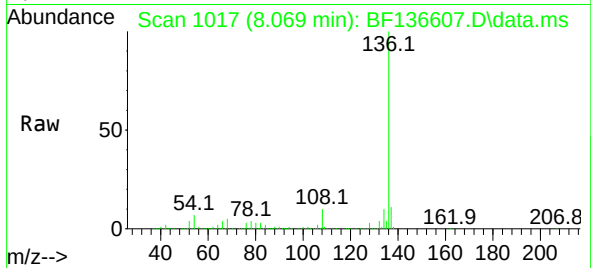
79 30.9 7.5 47.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

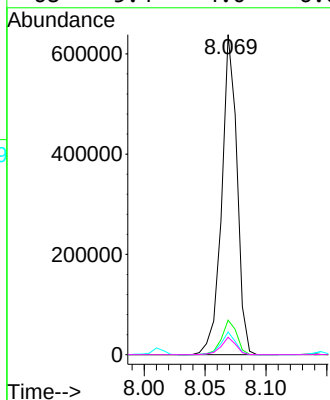
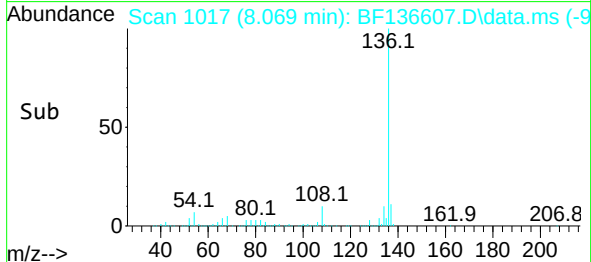
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:136 Resp: 558060  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 7.1 5.7 8.5  
68 5.4 4.0 6.0

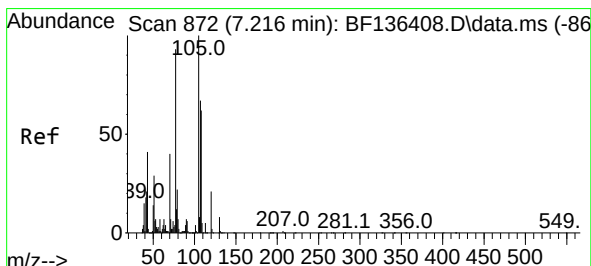
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



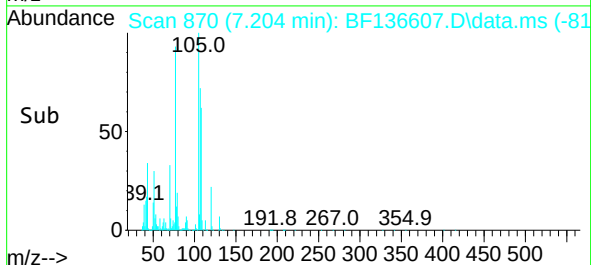
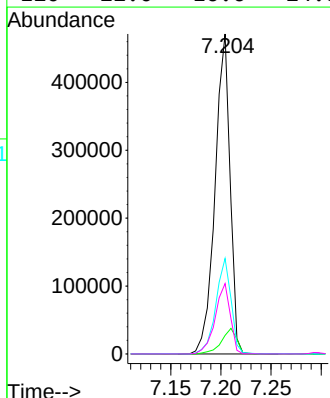
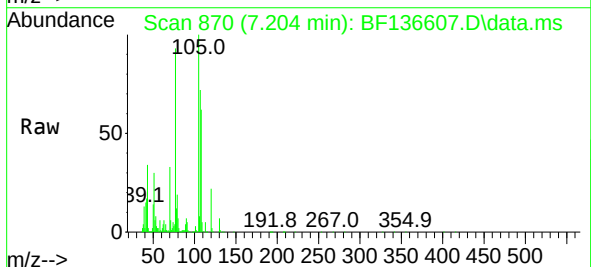
12/19/2023  
Supervised By :mohammad  
ahmed

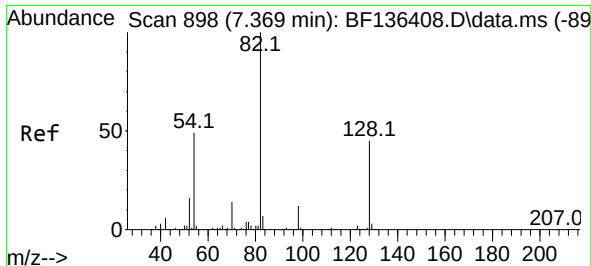
12/19/2023



#22  
Acetophenone  
Concen: 35.455 ng  
RT: 7.204 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:105 Resp: 488593  
Ion Ratio Lower Upper  
105 100  
71 5.8 5.4 8.0  
51 29.8 23.4 35.2  
120 22.0 16.6 24.8





#23

Nitrobenzene-d5

Concen: 72.668 ng

RT: 7.357 min Scan# 898

Delta R.T. 0.000 min

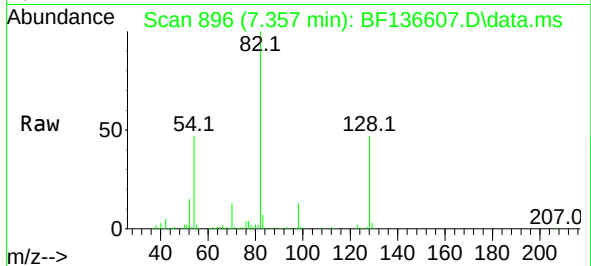
Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

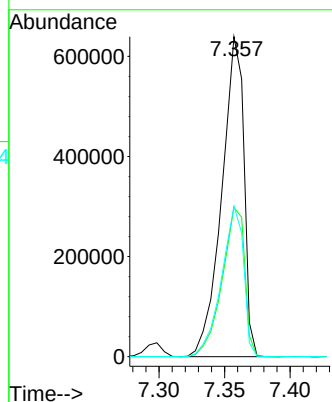
ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 750158 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.7  | 36.3  | 54.5   |
| 54        | 47.1  | 39.0  | 58.6   |

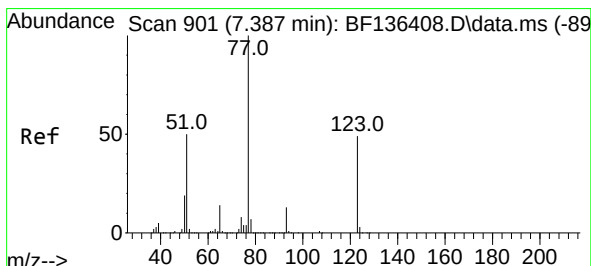
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023



#24

Nitrobenzene

Concen: 34.227 ng

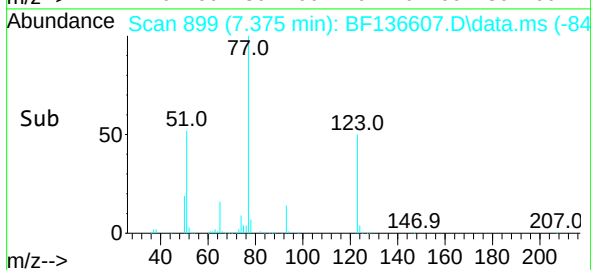
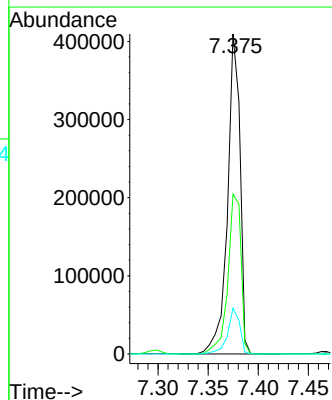
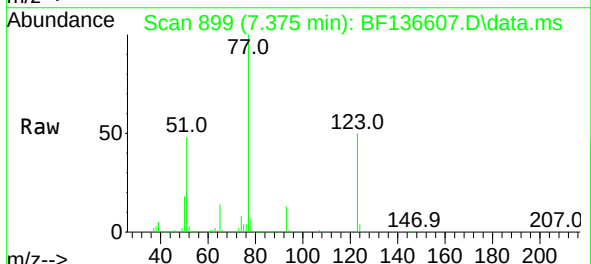
RT: 7.375 min Scan# 899

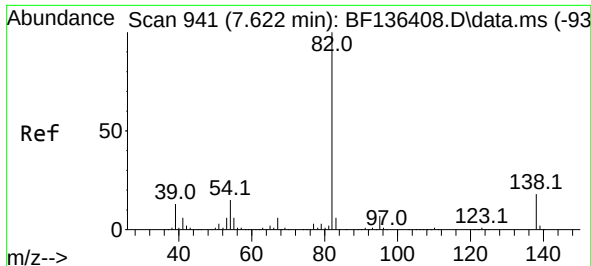
Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

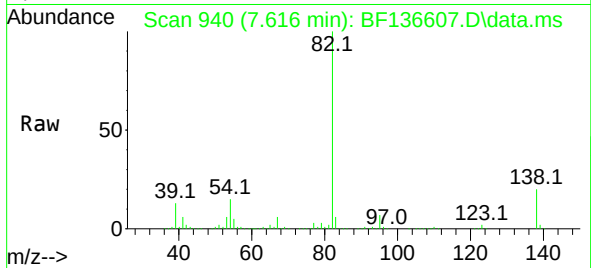
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 355436 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 49.9  | 39.0  | 58.6   |
| 65        | 14.3  | 11.3  | 16.9   |





#25  
Isophorone  
Concen: 35.552 ng  
RT: 7.616 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

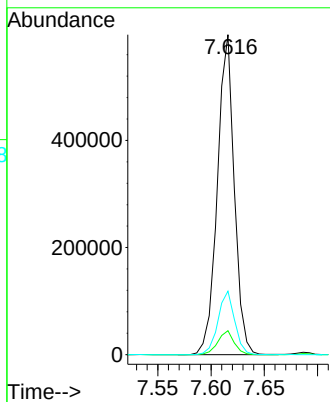
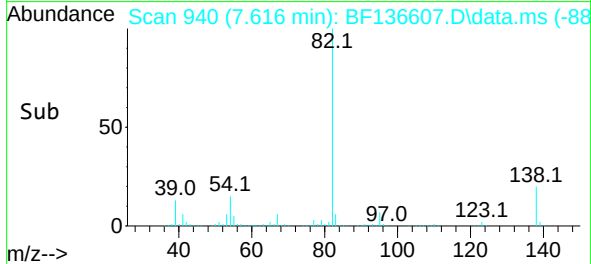
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 82 Resp: 65935  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.7 8.5  
138 19.8 14.5 21.7

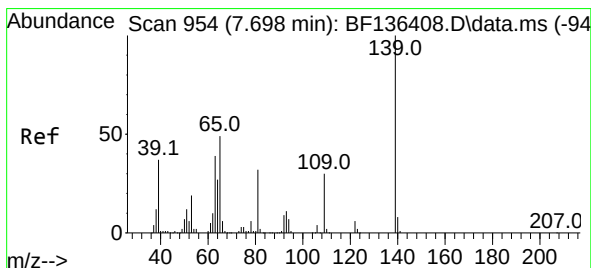
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



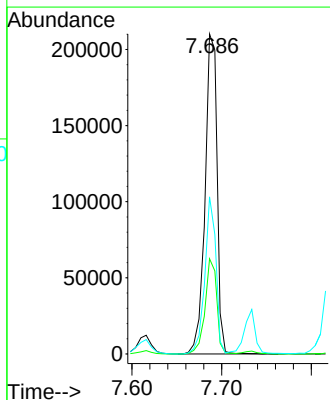
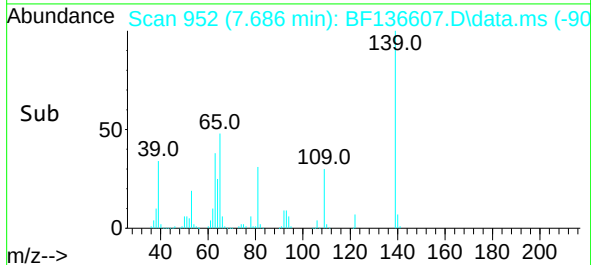
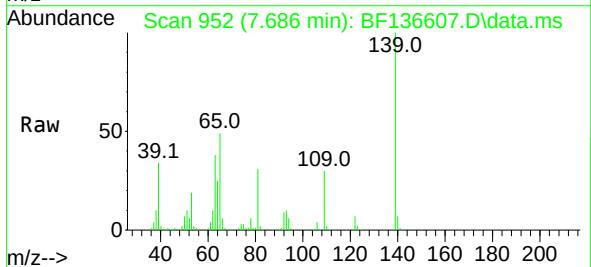
12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023

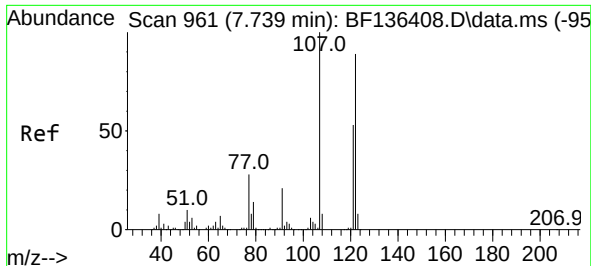


#26  
2-Nitrophenol  
Concen: 38.309 ng  
RT: 7.686 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:139 Resp: 195578  
Ion Ratio Lower Upper  
139 100  
109 29.7 23.6 35.4  
65 49.1 39.4 59.2





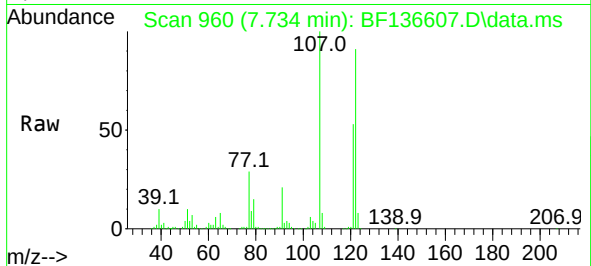


#27  
2,4-Dimethylphenol  
Concen: 44.746 ng  
RT: 7.734 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

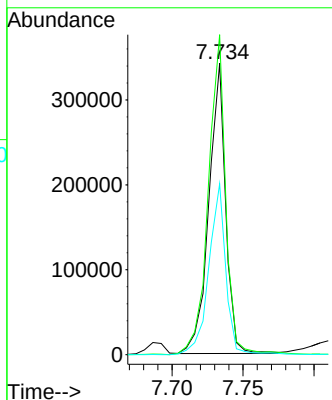
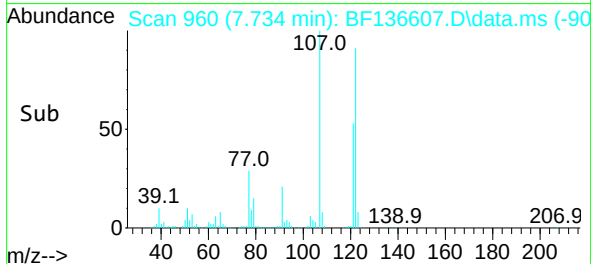
ClientSampleId :



Tgt Ion:122 Resp: 28168  
Ion Ratio Lower Upper  
122 100  
107 109.9 89.3 133.9  
121 58.6 47.6 71.4

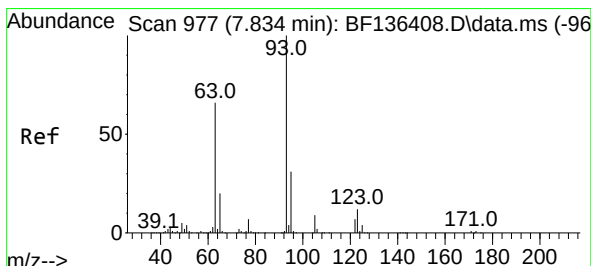
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



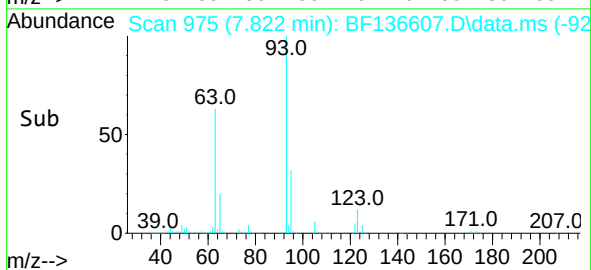
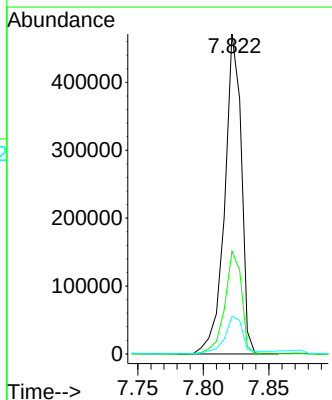
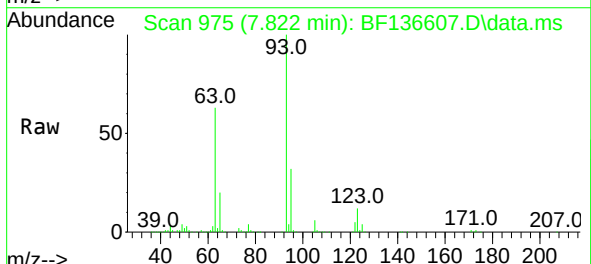
12/19/2023  
Supervised By :mohammad  
ahmed

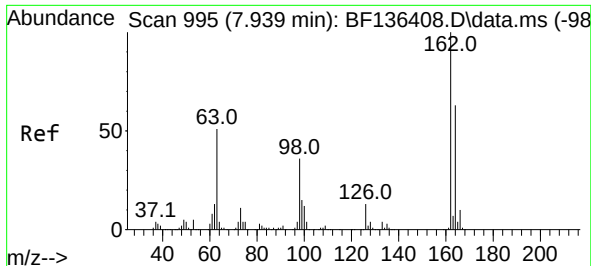
12/19/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.426 ng  
RT: 7.822 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion: 93 Resp: 415128  
Ion Ratio Lower Upper  
93 100  
95 32.1 25.0 37.4  
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.005 ng

RT: 7.934 min Scan# 995

Delta R.T. 0.000 min

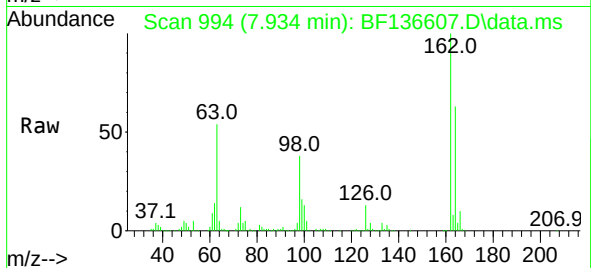
Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

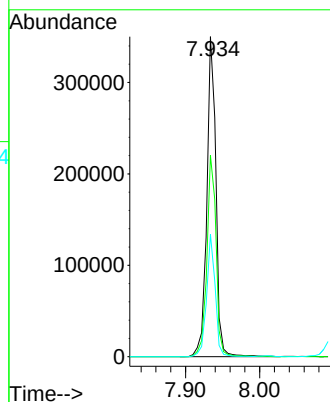
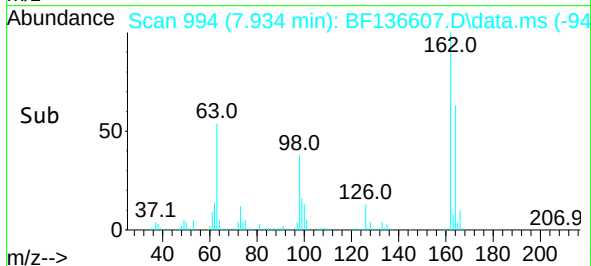
ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 29917 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 62.9  | 43.0  | 83.0  |
| 98        | 38.2  | 16.2  | 56.2  |

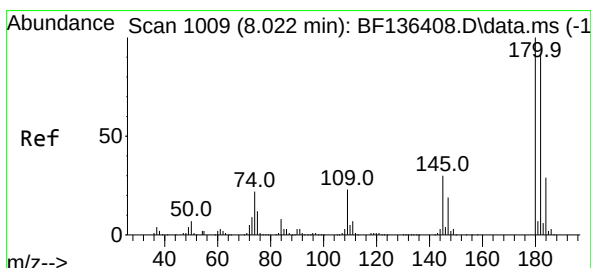
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 34.043 ng

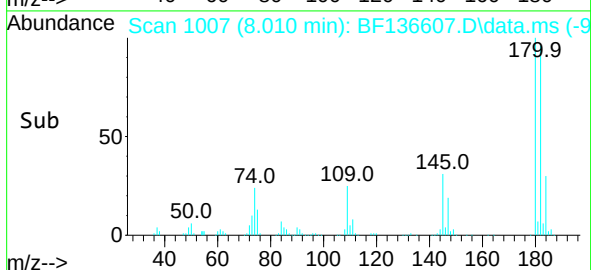
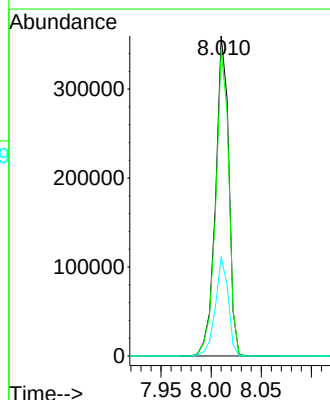
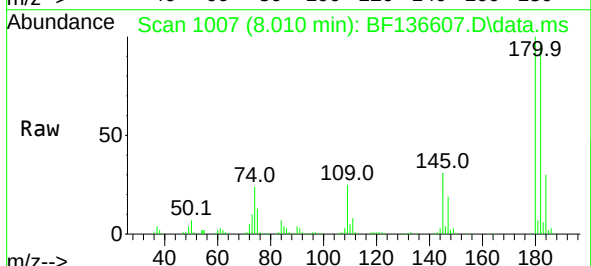
RT: 8.010 min Scan# 1007

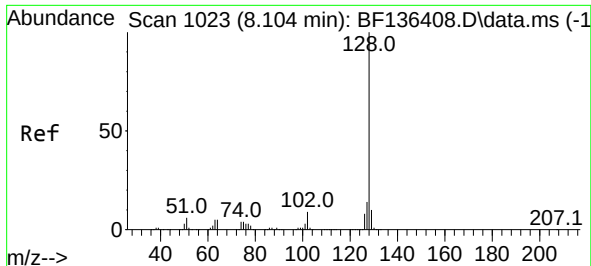
Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

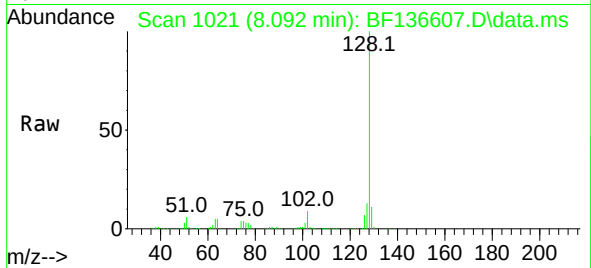
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 329841 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.6  | 73.1  | 109.7  |
| 145       | 30.9  | 23.8  | 35.8   |





#31  
Naphthalene  
Concen: 34.763 ng  
RT: 8.092 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

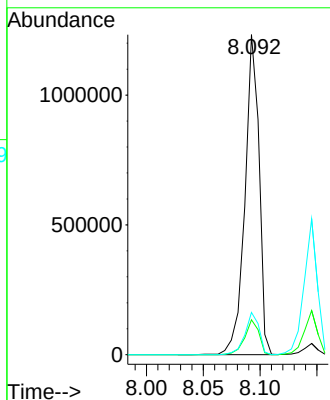
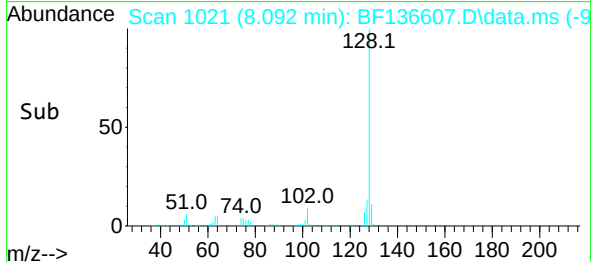
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:128 Resp: 106984  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.3 12.5  
127 13.2 11.1 16.7

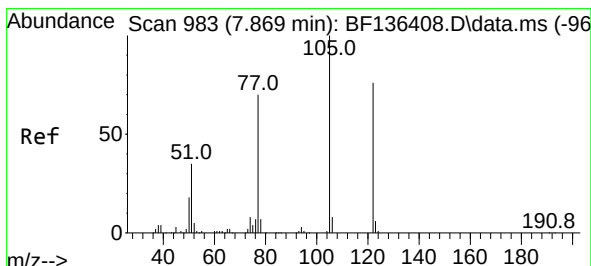
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



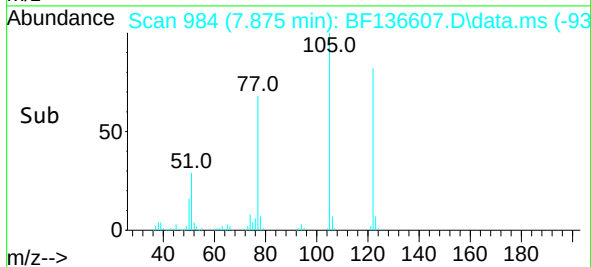
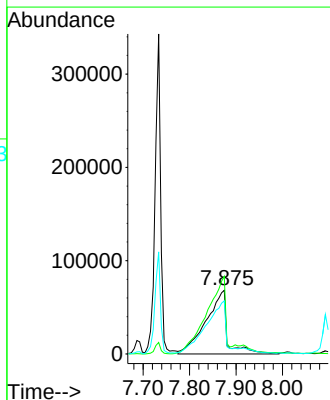
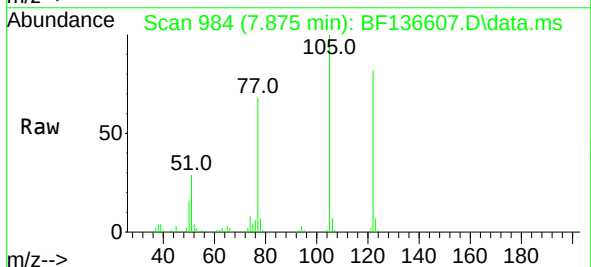
12/19/2023  
Supervised By :mohammad  
ahmed

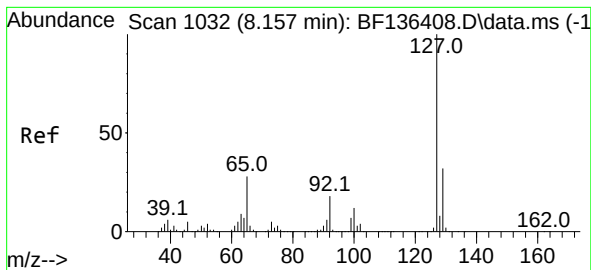
12/19/2023



#32  
Benzoic acid  
Concen: 34.969 ng m  
RT: 7.875 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:122 Resp: 218380  
Ion Ratio Lower Upper  
122 100  
105 121.8 104.7 144.7  
77 83.3 68.5 108.5



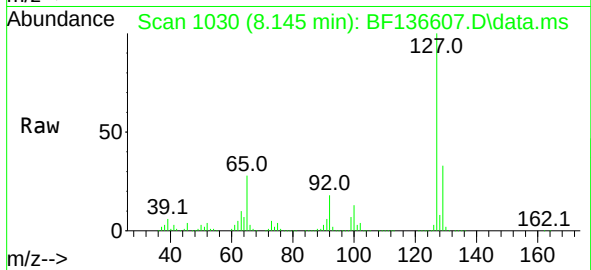


#33  
4-Chloroaniline  
Concen: 39.494 ng  
RT: 8.145 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

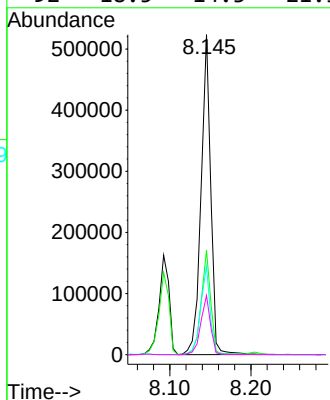
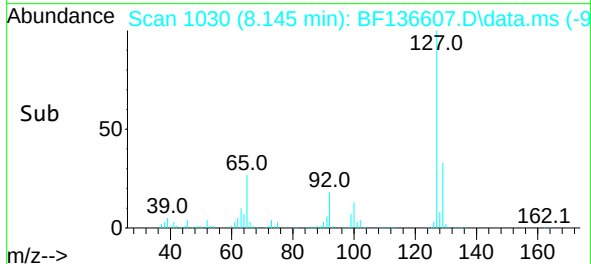
ClientSampleId :



Tgt Ion:127 Resp: 433317  
Ion Ratio Lower Upper  
127 100  
129 32.5 25.4 38.2  
65 27.7 22.5 33.7  
92 18.5 14.3 21.5

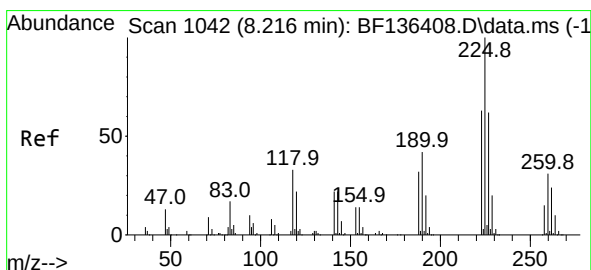
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

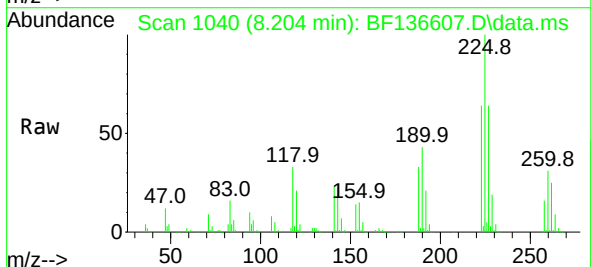


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Supervised By :mohammad  
ahmed

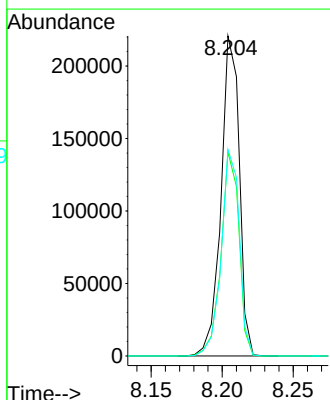
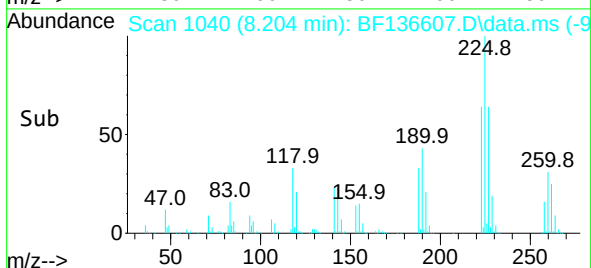
12/19/2023

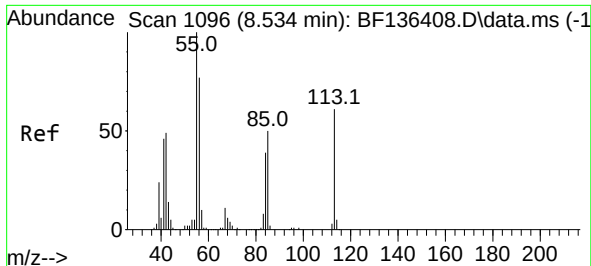


#34  
Hexachlorobutadiene  
Concen: 34.240 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



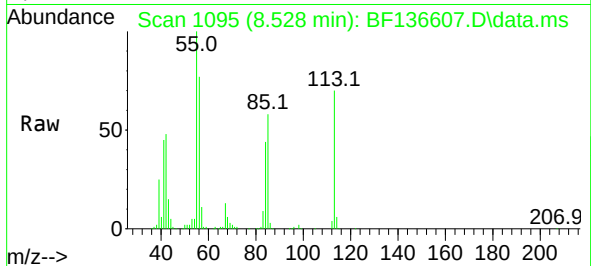
Tgt Ion:225 Resp: 196613  
Ion Ratio Lower Upper  
225 100  
223 63.8 50.8 76.2  
227 64.5 49.8 74.8





#35  
Caprolactam  
Concen: 37.166 ng  
RT: 8.528 min Scan# 1095  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

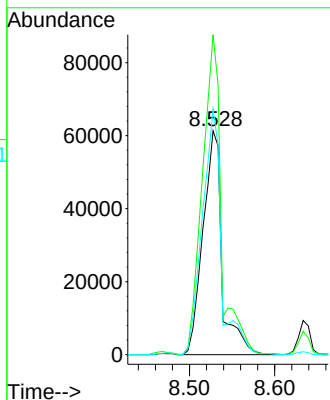
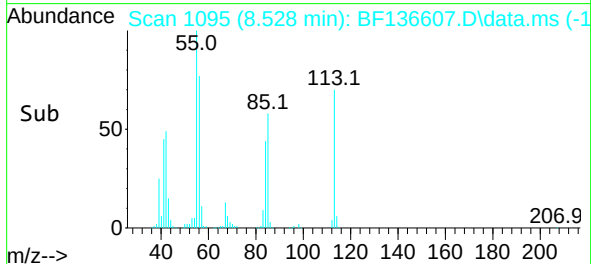
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:113 Resp: 9510  
Ion Ratio Lower Upper  
113 100  
55 142.9 143.7 183.7  
56 109.8 105.2 145.2

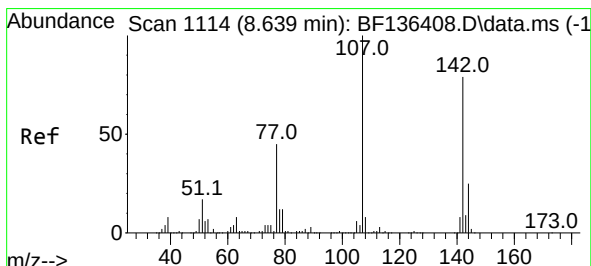
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

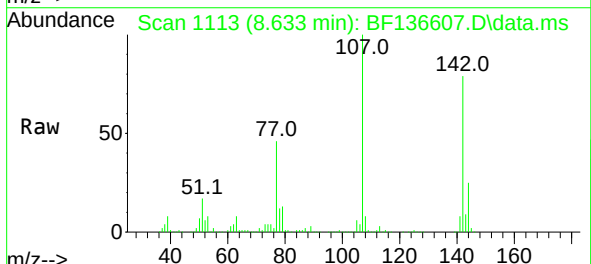


12/19/2023  
Supervised By :mohammad  
ahmed

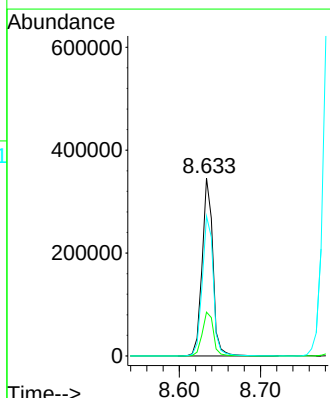
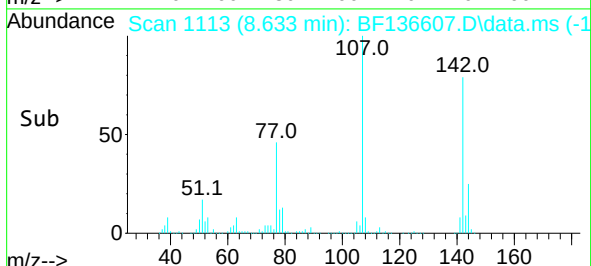
12/19/2023

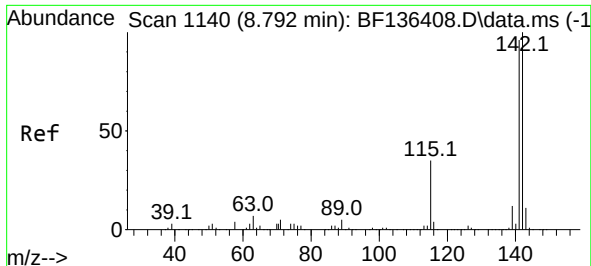


#36  
4-Chloro-3-methylphenol  
Concen: 35.926 ng  
RT: 8.633 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



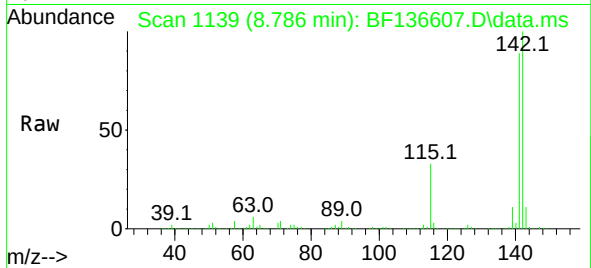
Tgt Ion:107 Resp: 316958  
Ion Ratio Lower Upper  
107 100  
144 24.7 20.1 30.1  
142 78.7 63.1 94.7





#37  
2-Methylnaphthalene  
Concen: 36.842 ng  
RT: 8.786 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

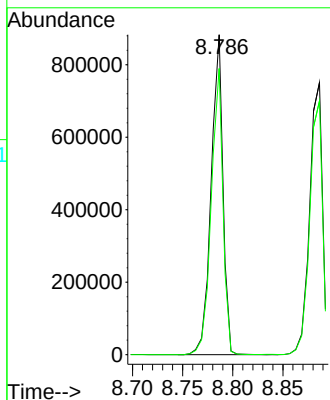
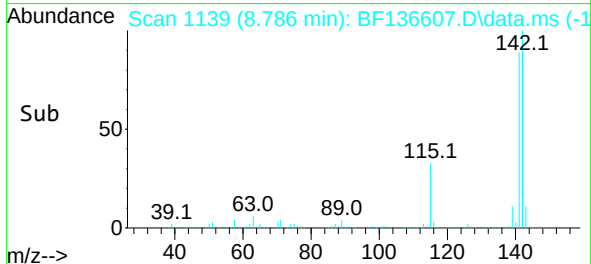
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:142 Resp: 72131  
Ion Ratio Lower Upper  
142 100  
141 89.5 76.4 114.6

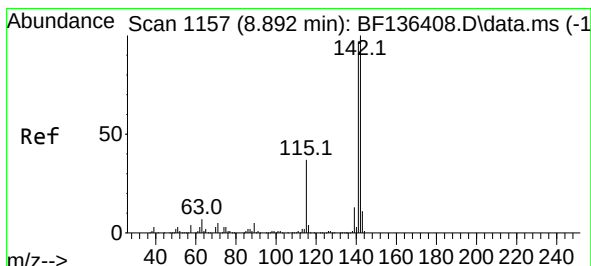
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

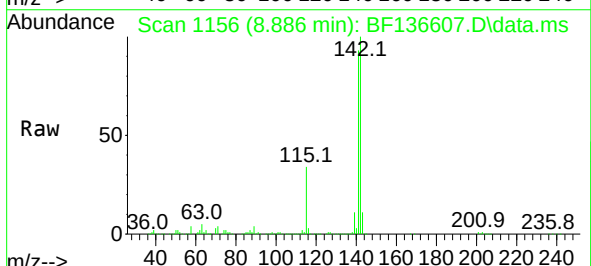


12/19/2023  
Supervised By :mohammad  
ahmed

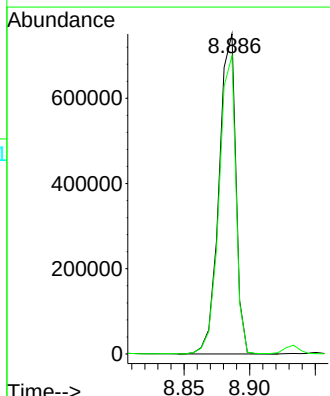
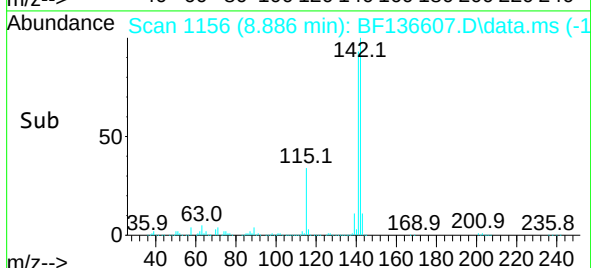
12/19/2023

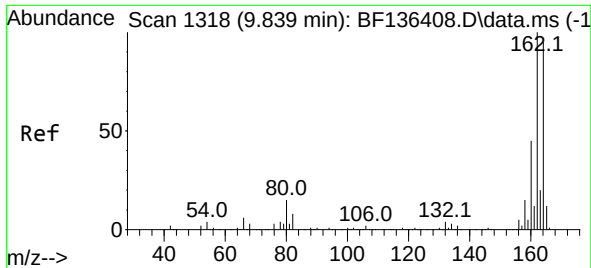


#38  
1-Methylnaphthalene  
Concen: 34.790 ng  
RT: 8.886 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:142 Resp: 668388  
Ion Ratio Lower Upper  
142 100  
141 93.2 77.7 116.5



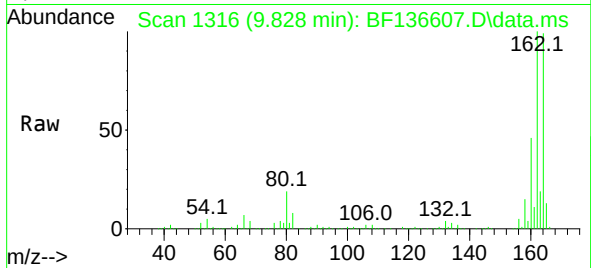


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

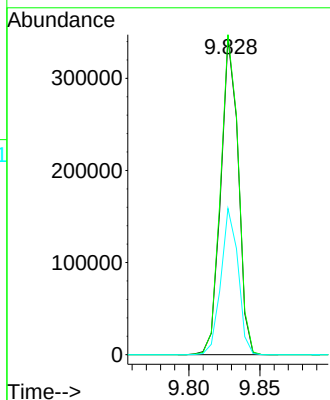
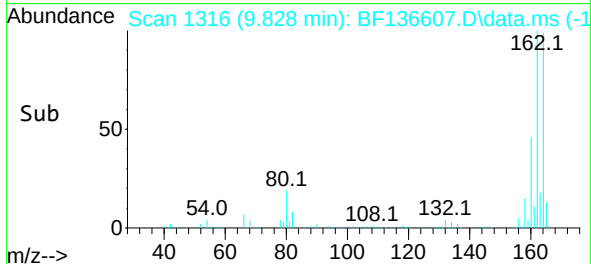
ClientSampleId :



Tgt Ion:164 Resp: 29327  
Ion Ratio Lower Upper  
164 100  
162 101.0 84.4 126.6  
160 46.2 37.6 56.4

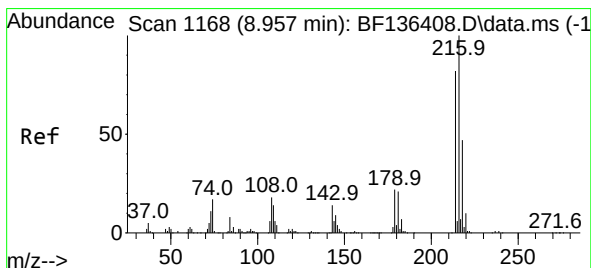
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

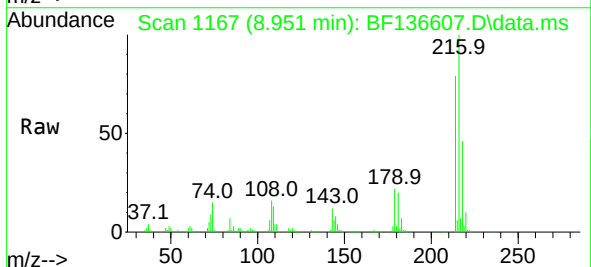


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Supervised By :mohammad  
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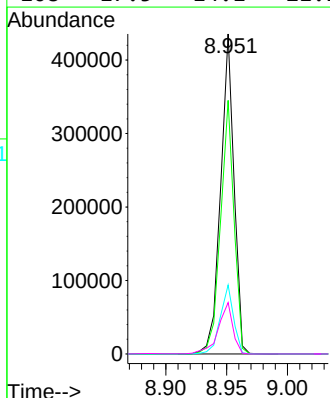
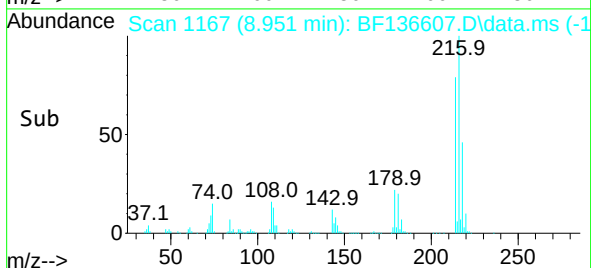
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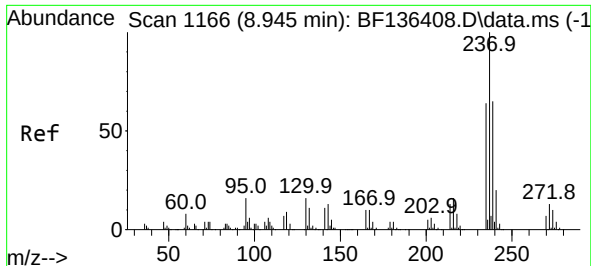


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.687 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



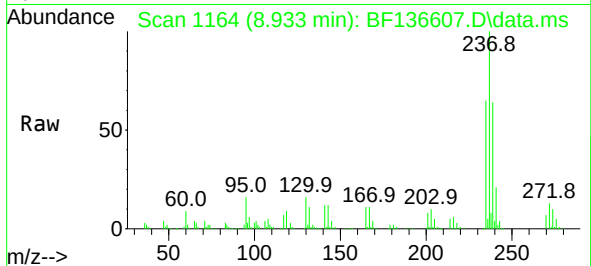
Tgt Ion:216 Resp: 334737  
Ion Ratio Lower Upper  
216 100  
214 79.3 64.1 96.1  
179 21.4 17.0 25.6  
108 17.5 14.1 21.1





#41  
Hexachlorocyclopentadiene  
Concen: 39.845 ng  
RT: 8.933 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

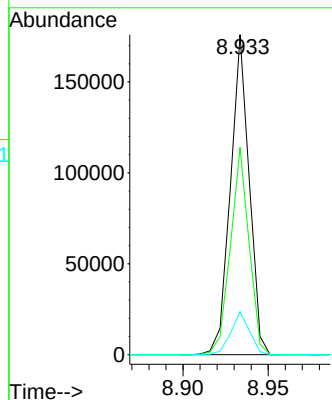
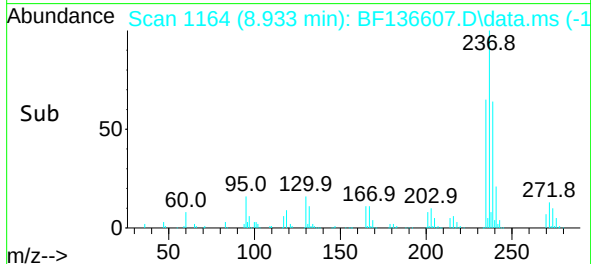
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion: 237 Resp: 134684  
Ion Ratio Lower Upper  
237 100  
235 64.8 44.1 84.1  
272 13.5 0.0 33.3

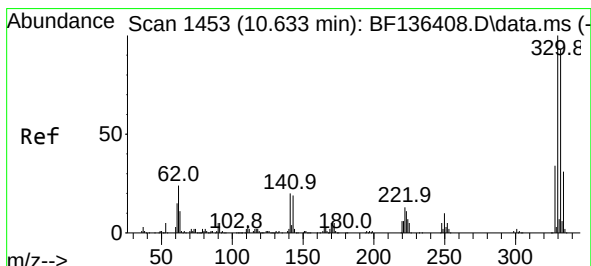
Manual Integrations  
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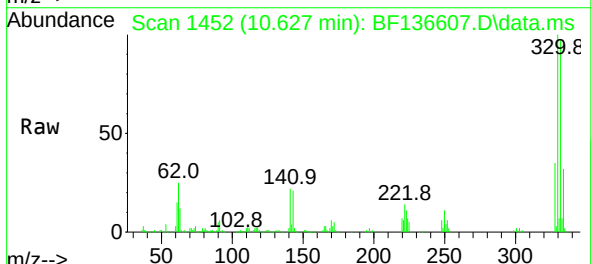


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Supervised By : mohammad  
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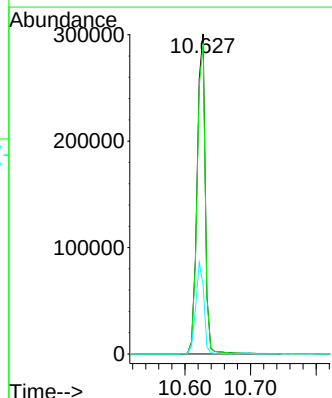
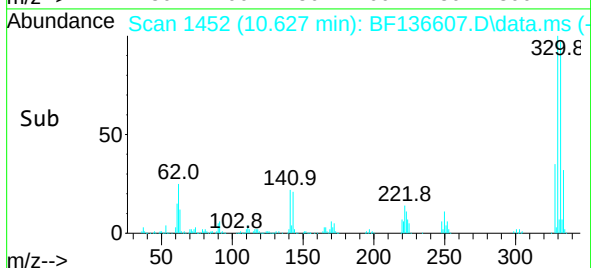
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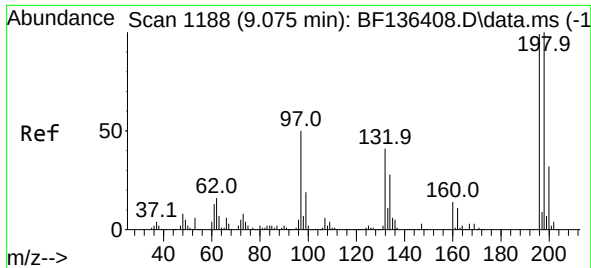
#42  
2,4,6-Tribromophenol  
Concen: 71.885 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion: 330 Resp: 259939  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.4 114.6  
141 28.8 23.4 35.2

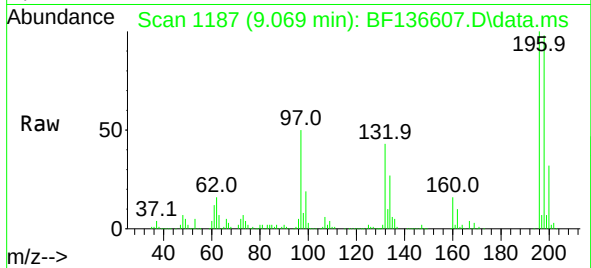






#43  
2,4,6-Trichlorophenol  
Concen: 35.389 ng  
RT: 9.069 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

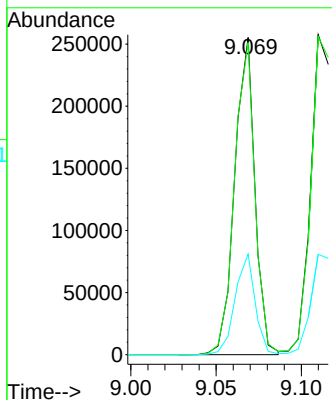
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:196 Resp: 21024  
Ion Ratio Lower Upper  
196 100  
198 98.4 80.4 120.6  
200 31.7 25.9 38.9

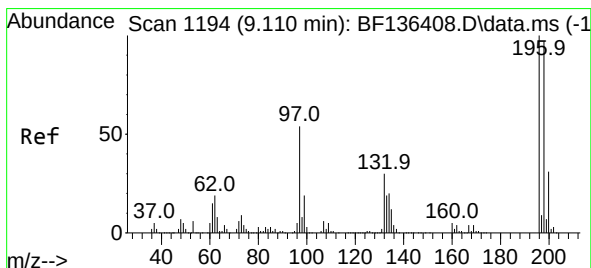
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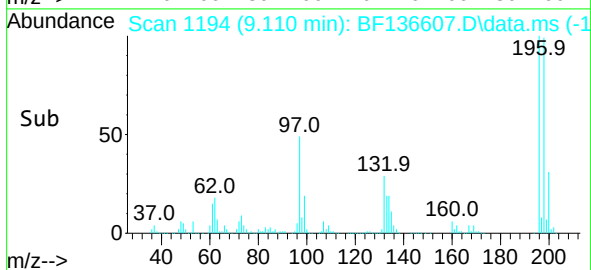
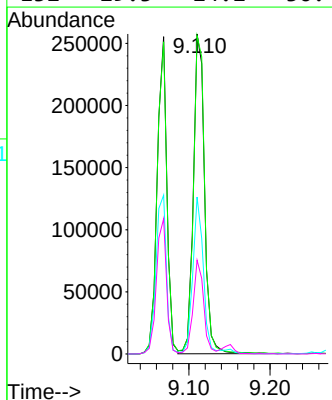
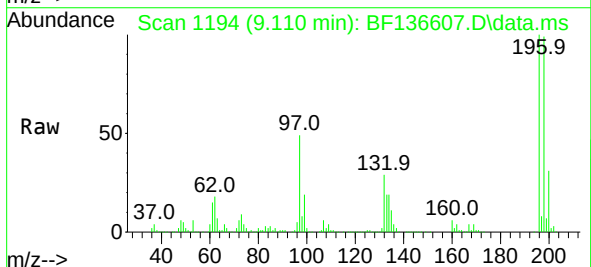
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ahmed

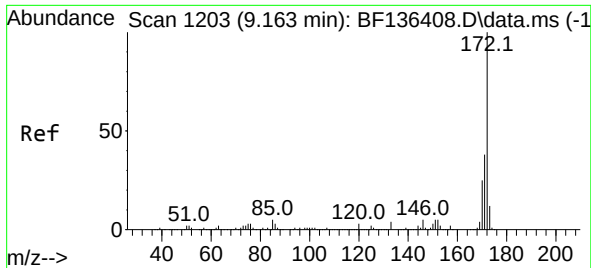
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#44  
2,4,5-Trichlorophenol  
Concen: 37.278 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

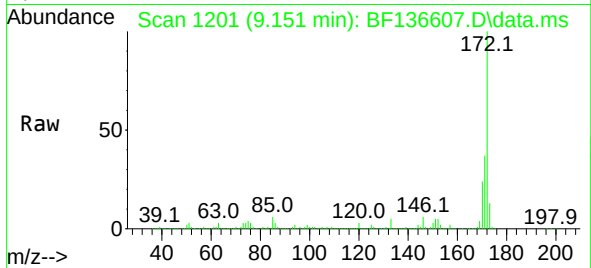
Tgt Ion:196 Resp: 247176  
Ion Ratio Lower Upper  
196 100  
198 99.4 78.1 117.1  
97 49.0 43.4 65.2  
132 29.3 24.2 36.4





#45  
2-Fluorobiphenyl  
Concen: 70.797 ng  
RT: 9.151 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

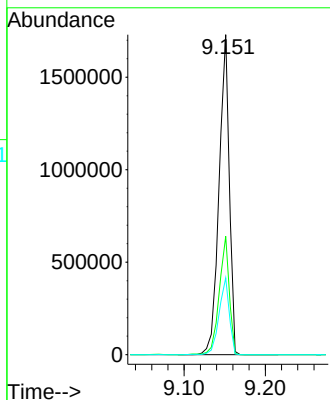
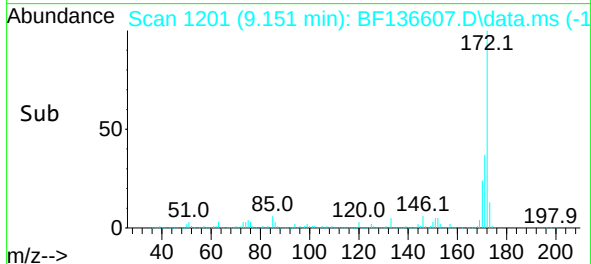
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:172 Resp: 152163  
Ion Ratio Lower Upper  
172 100  
171 37.0 30.5 45.7  
170 24.0 19.9 29.9

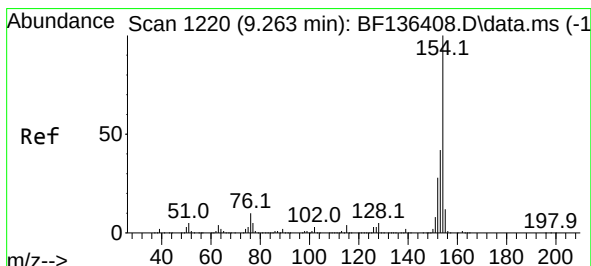
Manual Integrations  
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Reviewed By :Yogesh  
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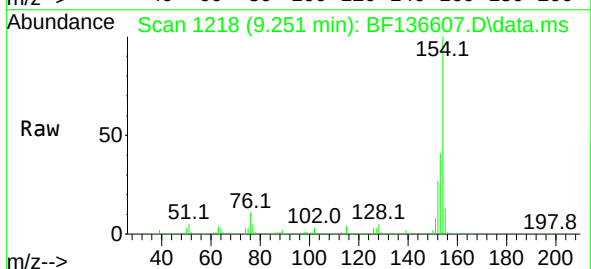


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Supervised By :mohammad  
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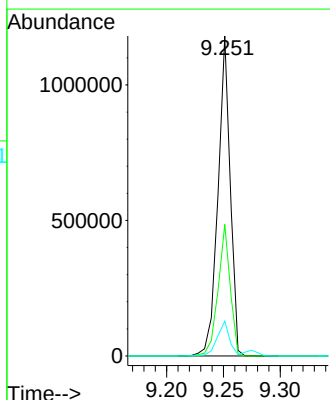
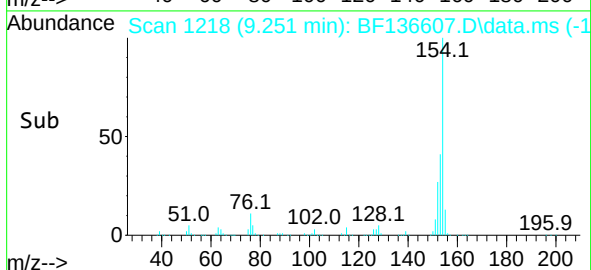
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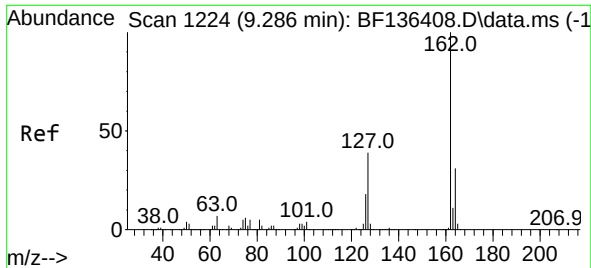


#46  
1,1'-Biphenyl  
Concen: 35.530 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:154 Resp: 886633  
Ion Ratio Lower Upper  
154 100  
153 41.1 22.5 62.5  
76 10.8 0.0 29.9





#47

2-Chloronaphthalene

Concen: 33.159 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

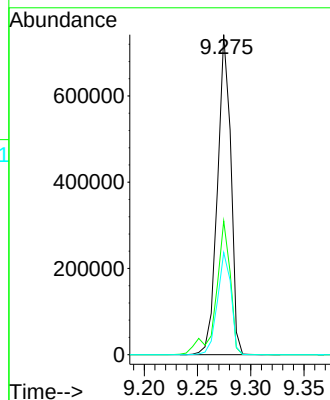
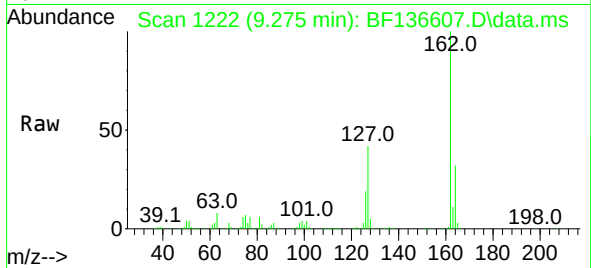
BNA\_F

ClientSampleId :

Tgt Ion:162 Resp: 64403  
 Ion Ratio Lower Upper  
 162 100  
 127 41.8 31.1 46.7  
 164 32.0 24.6 37.0

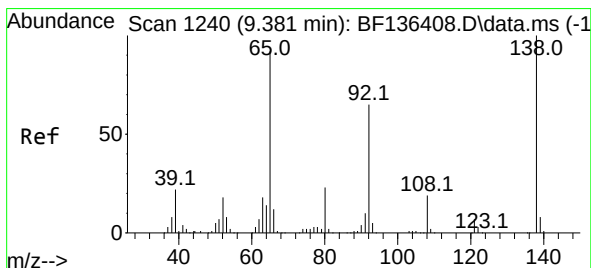
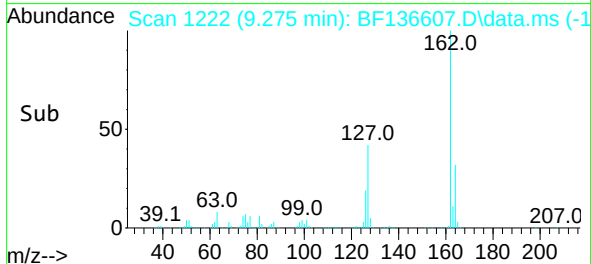
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Reviewed By :Yogesh  
 Patel



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 Supervised By :mohammad  
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#48

2-Nitroaniline

Concen: 36.142 ng

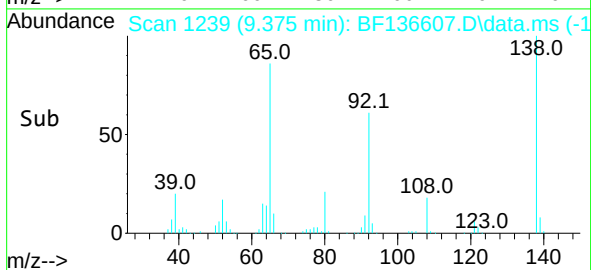
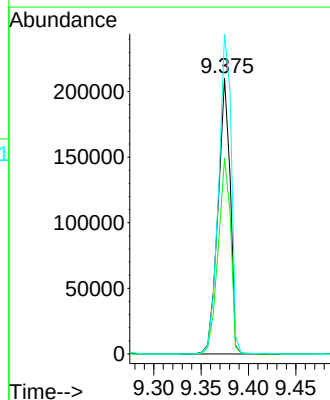
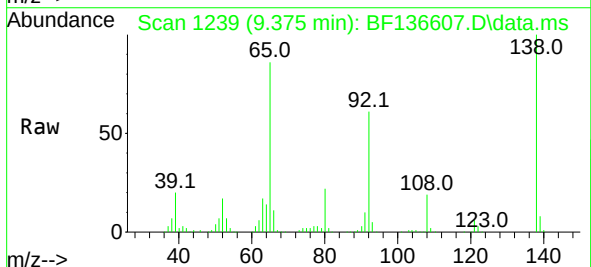
RT: 9.375 min Scan# 1239

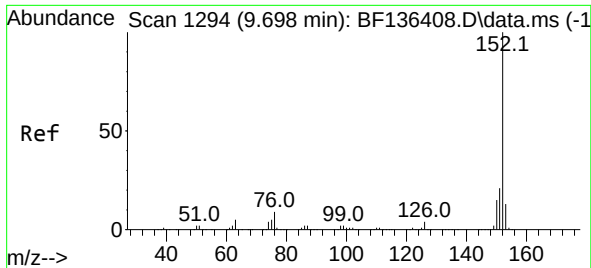
Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Tgt Ion: 65 Resp: 188269  
 Ion Ratio Lower Upper  
 65 100  
 92 71.0 56.1 84.1  
 138 116.0 86.7 130.1



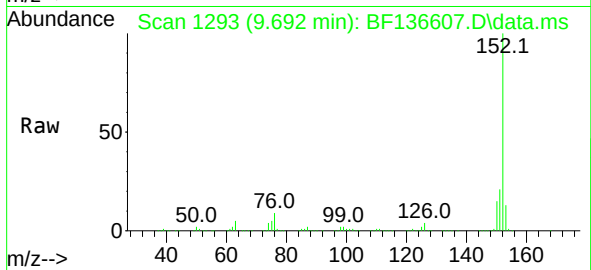


#49  
Acenaphthylene  
Concen: 35.507 ng  
RT: 9.692 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNF\_F

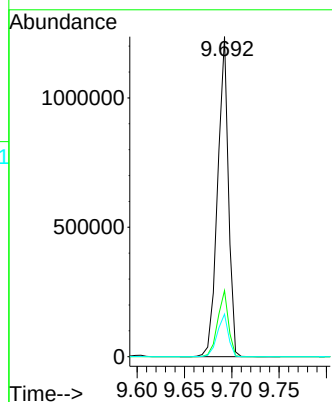
ClientSampleId :



Tgt Ion:152 Resp: 98240  
Ion Ratio Lower Upper  
152 100  
151 20.7 17.2 25.8  
153 13.3 10.6 15.8

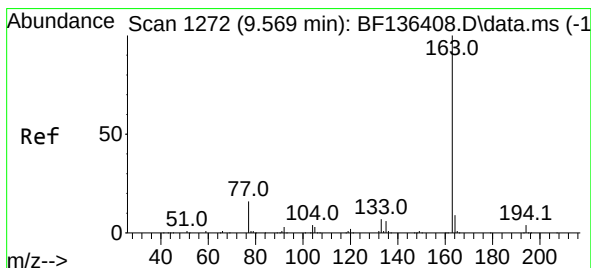
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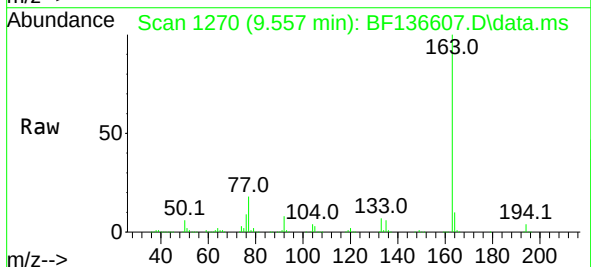


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Supervised By :mohammad  
ahmed

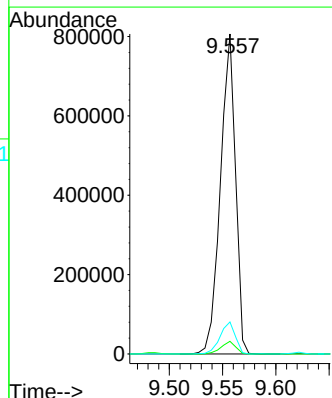
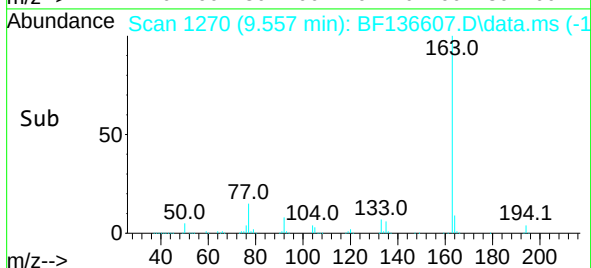
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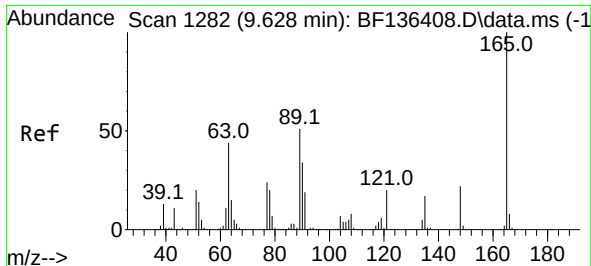


#50  
Dimethylphthalate  
Concen: 36.643 ng  
RT: 9.557 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:163 Resp: 791190  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.0 7.4 11.2



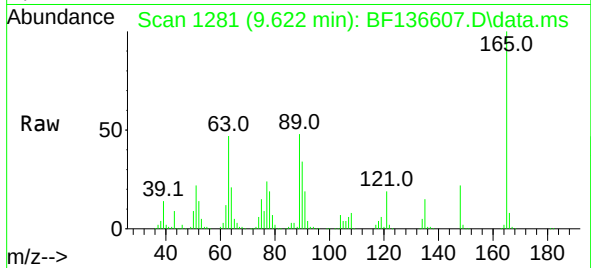


#51  
2,6-Dinitrotoluene  
Concen: 35.578 ng  
RT: 9.622 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNF

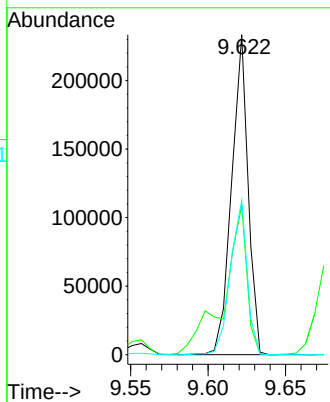
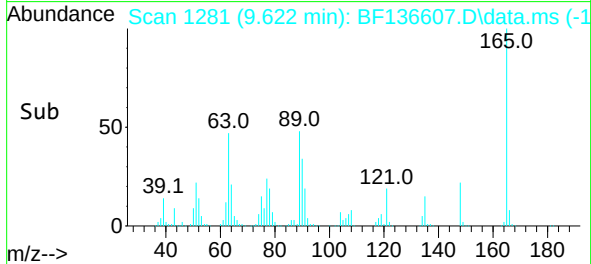
ClientSampleId :



Tgt Ion:165 Resp: 17282  
Ion Ratio Lower Upper  
165 100  
63 46.6 40.4 60.6  
89 48.2 40.6 60.8

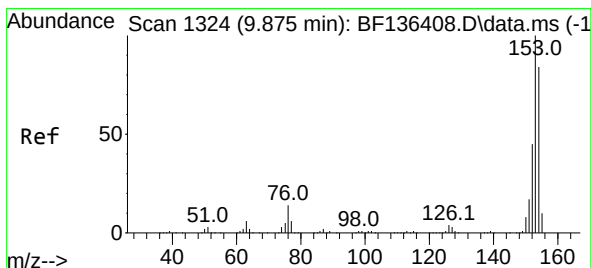
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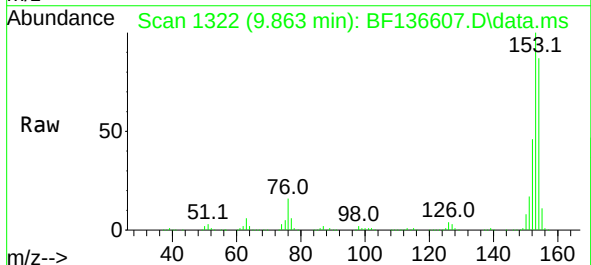


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ahmed

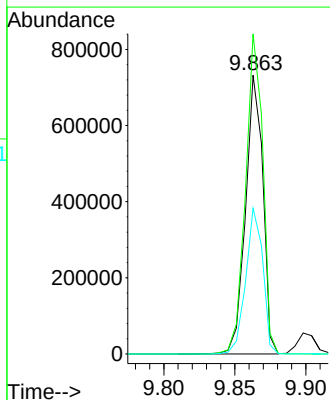
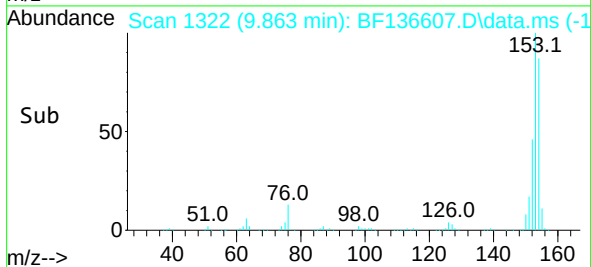
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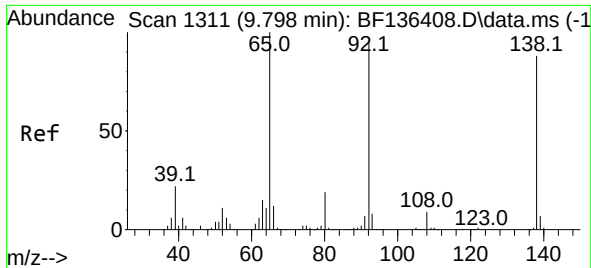


#52  
Acenaphthene  
Concen: 34.969 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:154 Resp: 619994  
Ion Ratio Lower Upper  
154 100  
153 114.8 95.3 142.9  
152 52.3 43.2 64.8



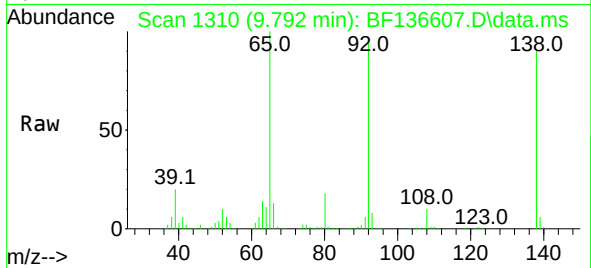


#53  
3-Nitroaniline  
Concen: 36.539 ng  
RT: 9.792 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

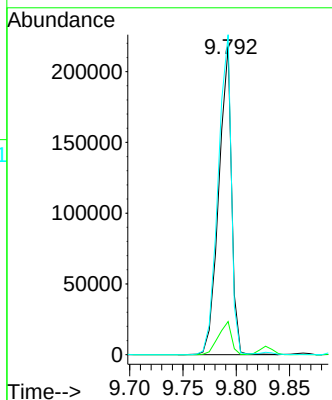
ClientSampleId :



Tgt Ion:138 Resp: 18124  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.5 12.7  
92 104.0 86.1 129.1

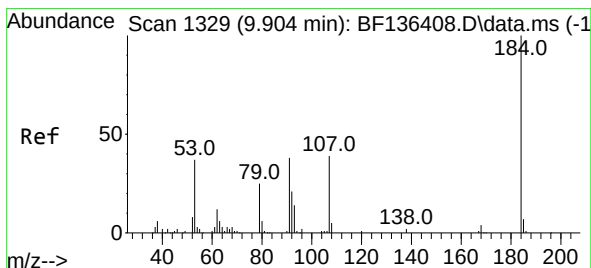
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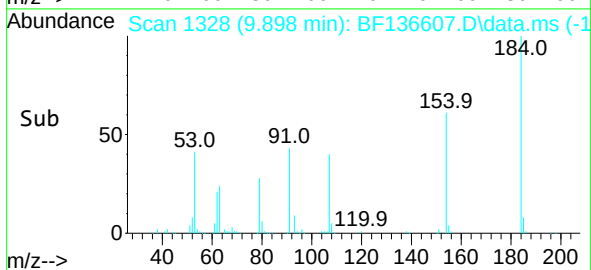
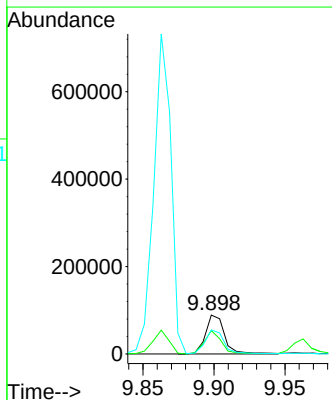
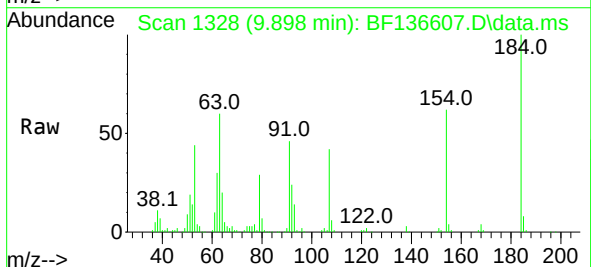
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Supervised By :mohammad  
ahmed

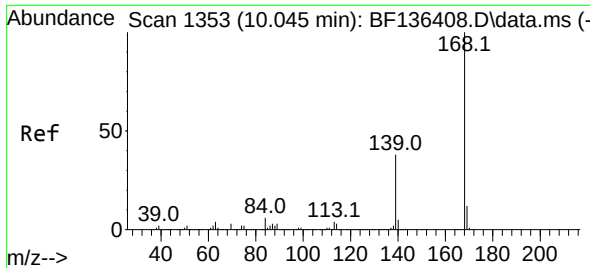
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#54  
2,4-Dinitrophenol  
Concen: 33.784 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:184 Resp: 82971  
Ion Ratio Lower Upper  
184 100  
63 59.9 39.1 58.7#  
154 61.7 49.9 74.9



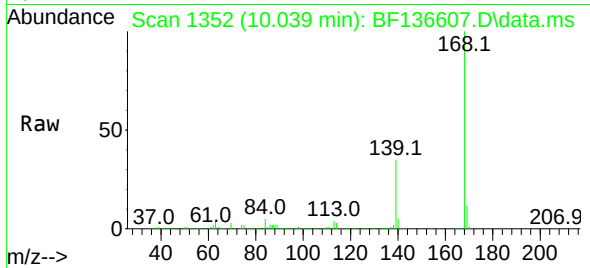


#55  
Dibenzofuran  
Concen: 35.977 ng  
RT: 10.039 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

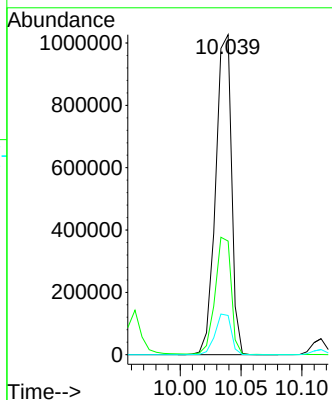
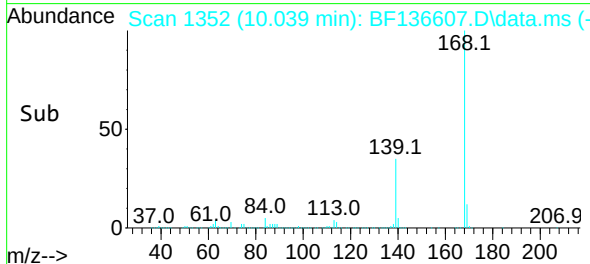
ClientSampleId :



Tgt Ion:168 Resp: 93183  
Ion Ratio Lower Upper  
168 100  
139 35.5 30.4 45.6  
169 12.3 9.9 14.9

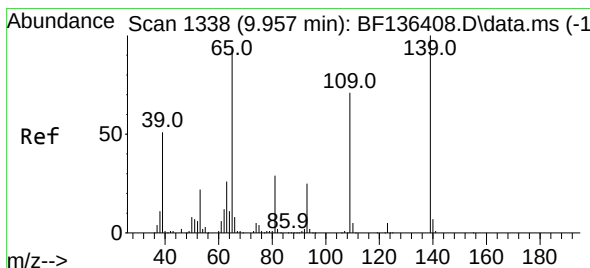
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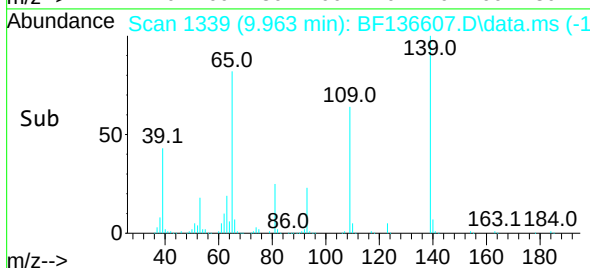
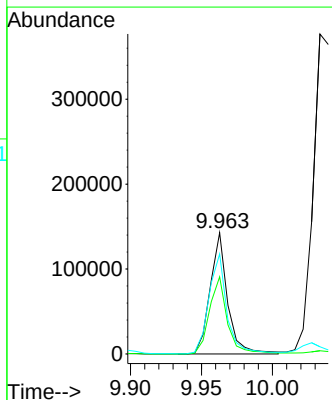
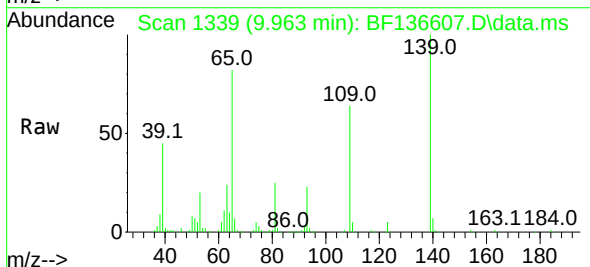
12/19/2023  
Supervised By :mohammad  
ahmed

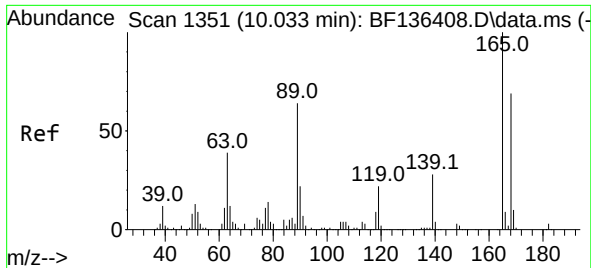
12/19/2023



#56  
4-Nitrophenol  
Concen: 32.956 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:139 Resp: 122546  
Ion Ratio Lower Upper  
139 100  
109 63.5 50.6 90.6  
65 82.4 73.1 113.1



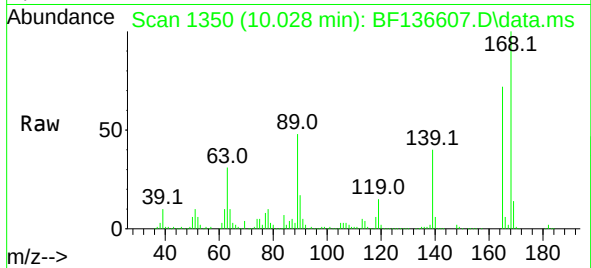


#57  
2,4-Dinitrotoluene  
Concen: 34.082 ng  
RT: 10.028 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

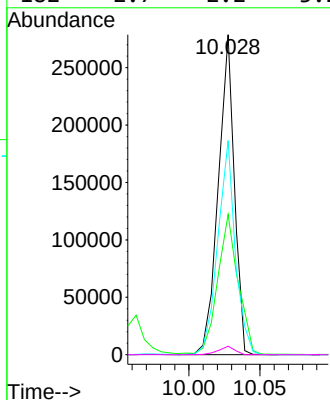
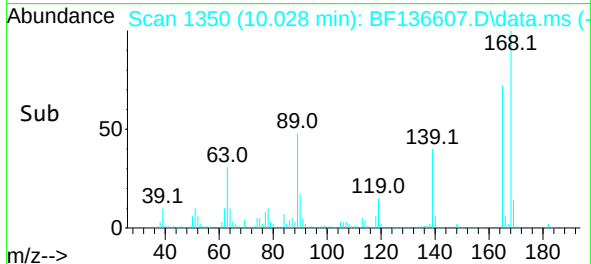
ClientSampleId :



Tgt Ion:165 Resp: 219009  
Ion Ratio Lower Upper  
165 100  
63 43.9 31.4 47.2  
89 66.9 51.7 77.5  
182 2.7 2.2 3.2

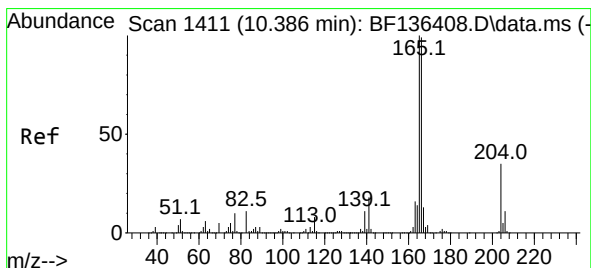
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

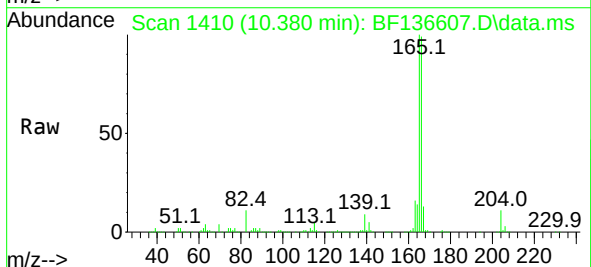


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Supervised By :mohammad  
ahmed

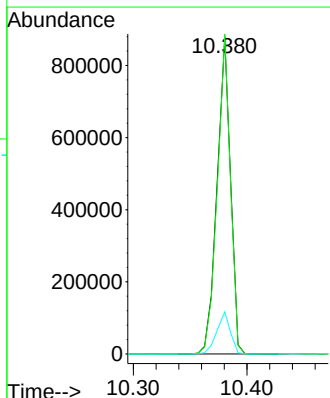
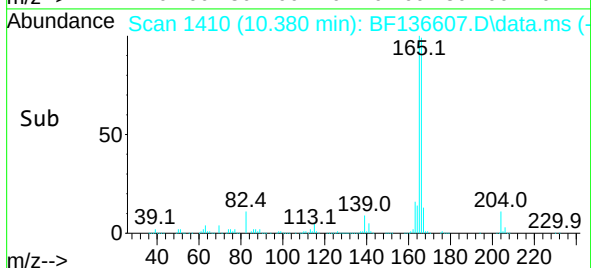
12/19/2023



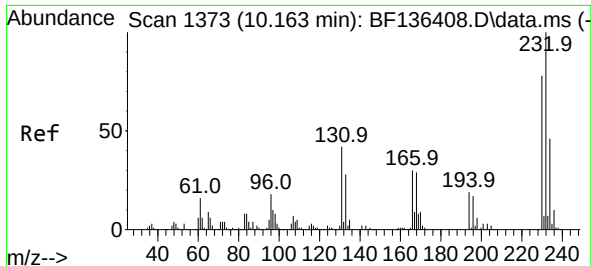
#58  
Fluorene  
Concen: 34.849 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:166 Resp: 724560  
Ion Ratio Lower Upper  
166 100  
165 100.9 80.5 120.7  
167 13.3 10.5 15.7





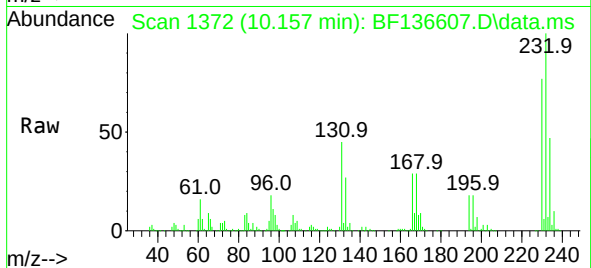


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.024 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

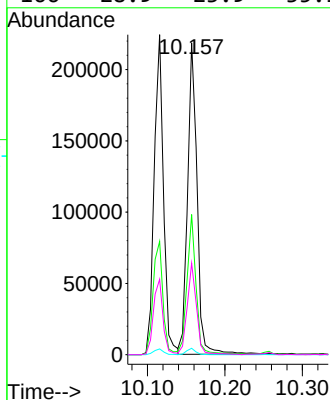
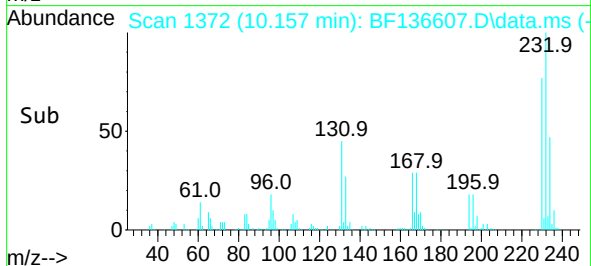
ClientSampleId :



Tgt Ion:232 Resp: 186019  
Ion Ratio Lower Upper  
232 100  
131 42.6 34.3 51.5  
130 1.9 1.6 2.4  
166 28.9 23.9 35.9

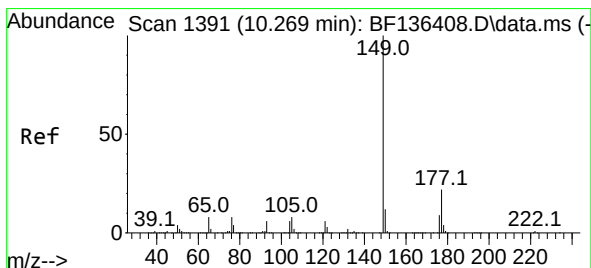
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



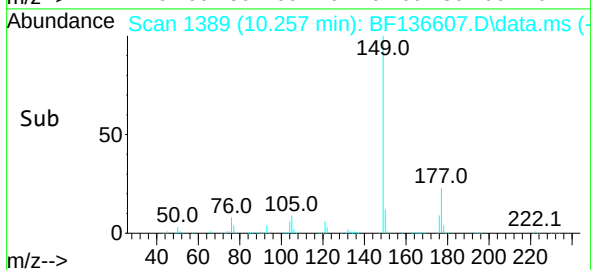
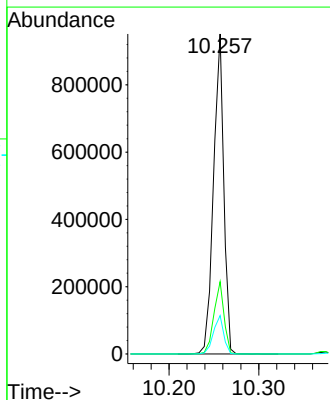
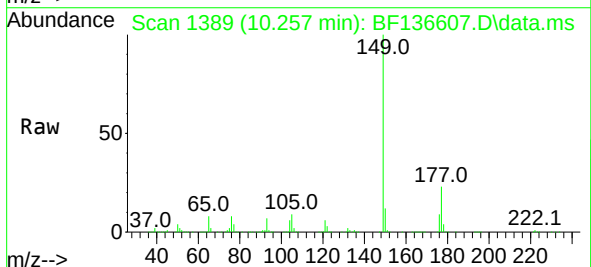
12/19/2023  
Supervised By :mohammad  
ahmed

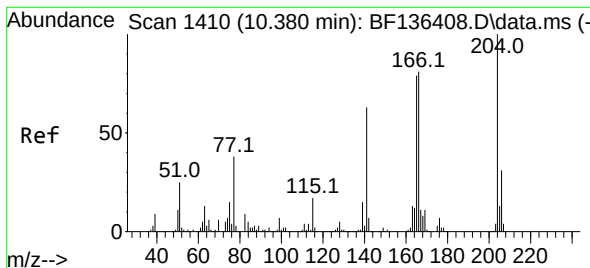
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#60  
Diethylphthalate  
Concen: 35.463 ng  
RT: 10.257 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:149 Resp: 752949  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.8 26.8  
150 12.0 9.4 14.0



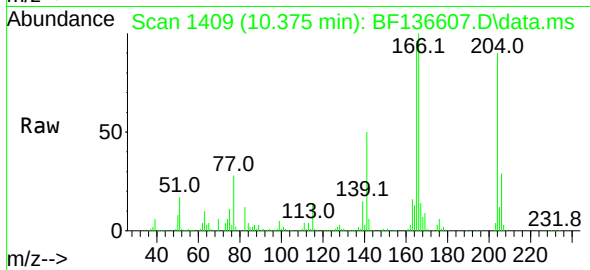


#61  
4-Chlorophenyl-phenylether  
Concen: 36.577 ng  
RT: 10.375 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

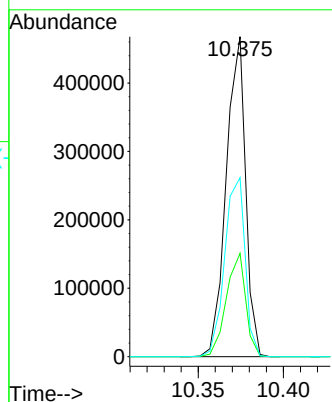
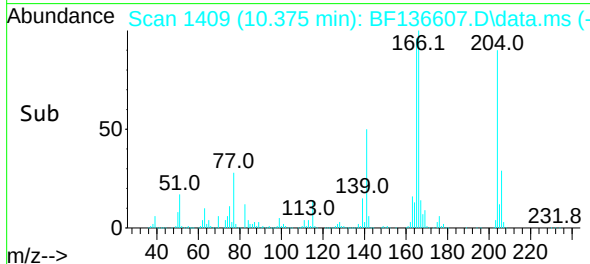
ClientSampleId :



Tgt Ion:204 Resp: 37073  
Ion Ratio Lower Upper  
204 100  
206 32.3 24.6 36.8  
141 55.9 50.3 75.5

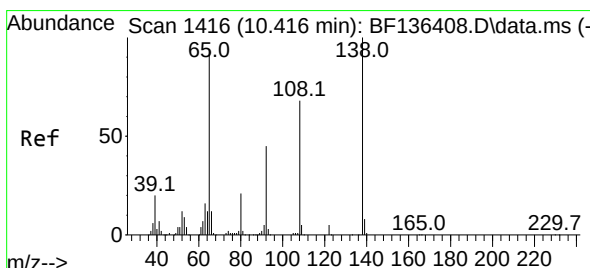
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

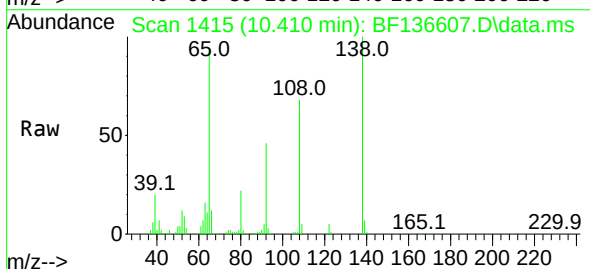


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Supervised By :mohammad  
ahmed

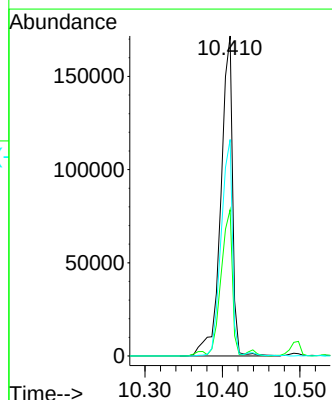
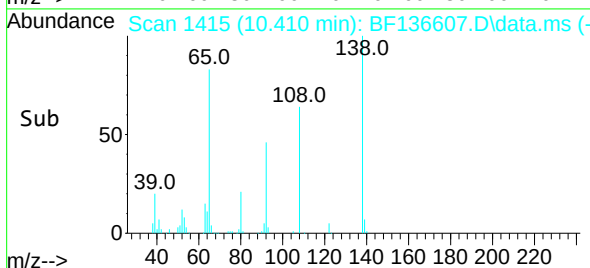
12/19/2023

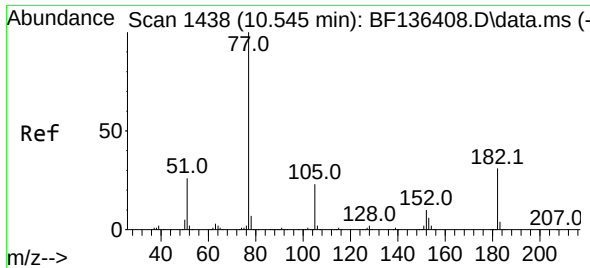


#62  
4-Nitroaniline  
Concen: 36.680 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:138 Resp: 180663  
Ion Ratio Lower Upper  
138 100  
92 45.7 25.0 65.0  
108 67.7 47.9 87.9



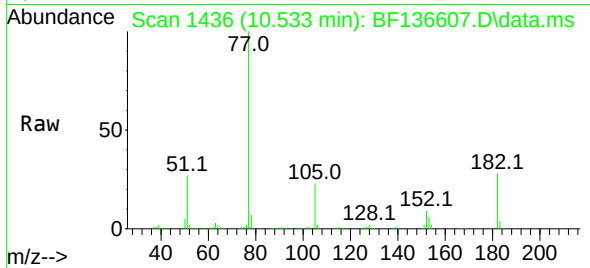


#63  
Azobenzene  
Concen: 34.342 ng  
RT: 10.533 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

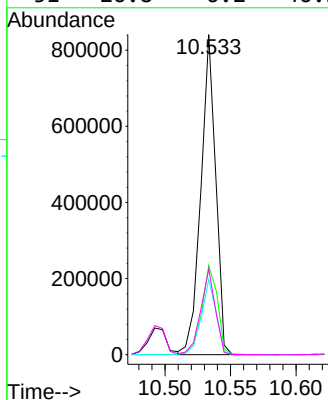
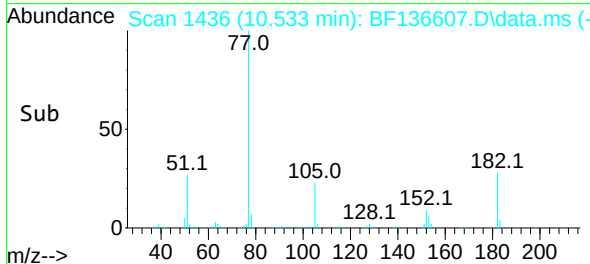
ClientSampleId :



Tgt Ion: 77 Resp: 663669  
Ion Ratio Lower Upper  
77 100  
182 27.9 10.8 50.8  
105 23.5 2.6 42.6  
51 26.8 6.2 46.2

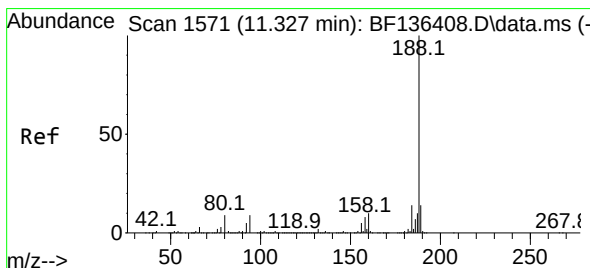
Manual Integrations  
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Reviewed By :Yogesh  
Patel

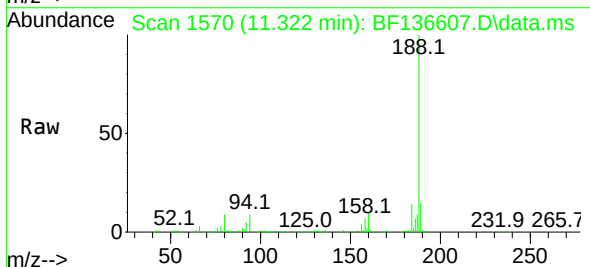


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Supervised By :mohammad  
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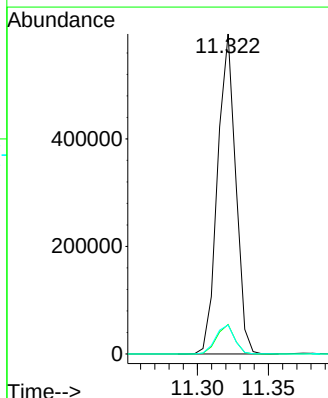
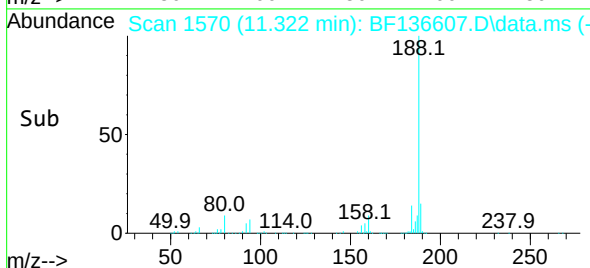
12/19/2023

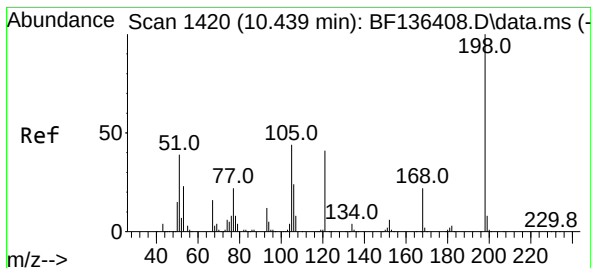


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:188 Resp: 526830  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.2 10.8  
80 9.1 7.2 10.8



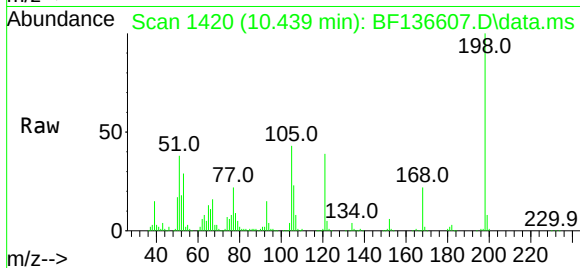


#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.695 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

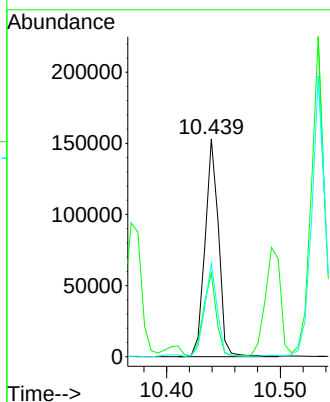
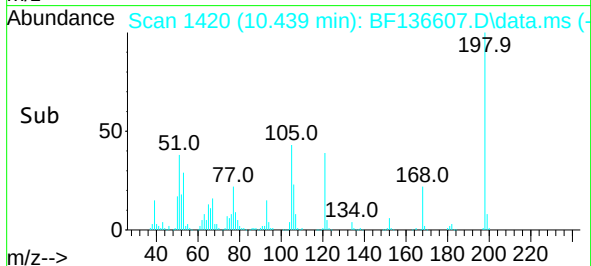
ClientSampleId :



Tgt Ion:198 Resp: 126250  
Ion Ratio Lower Upper  
198 100  
51 38.3 24.1 64.1  
105 42.9 24.8 64.8

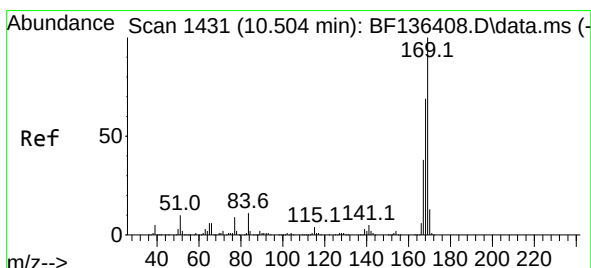
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

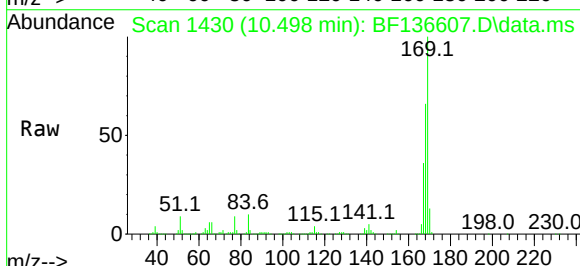


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Supervised By :mohammad  
ahmed

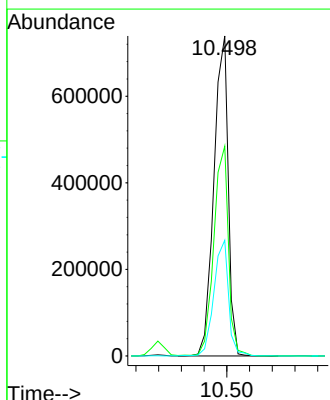
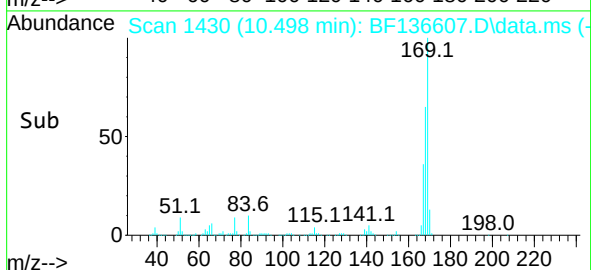
12/19/2023

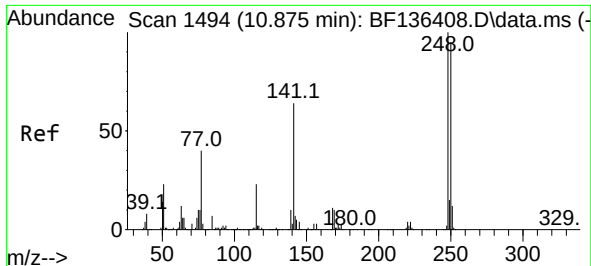


#66  
n-Nitrosodiphenylamine  
Concen: 38.268 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



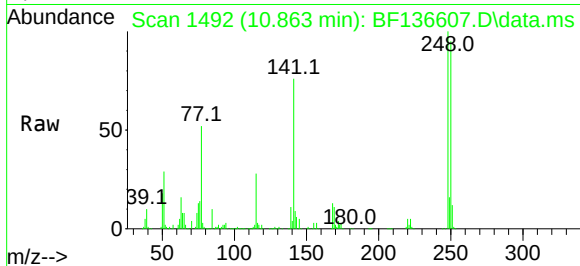
Tgt Ion:169 Resp: 646923  
Ion Ratio Lower Upper  
169 100  
168 65.5 55.3 82.9  
167 36.1 30.1 45.1





#67  
4-Bromophenyl-phenylether  
Concen: 38.166 ng  
RT: 10.863 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

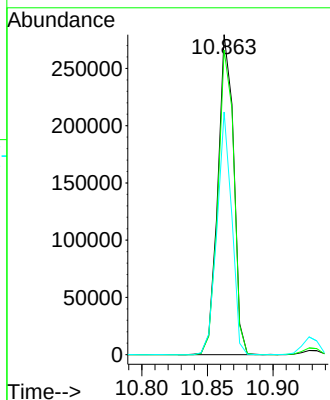
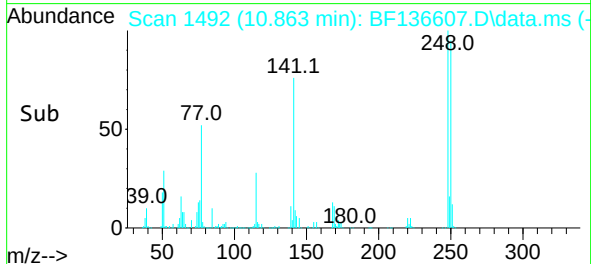
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:248 Resp: 23377  
Ion Ratio Lower Upper  
248 100  
250 95.2 76.2 114.2  
141 75.8 51.0 76.4

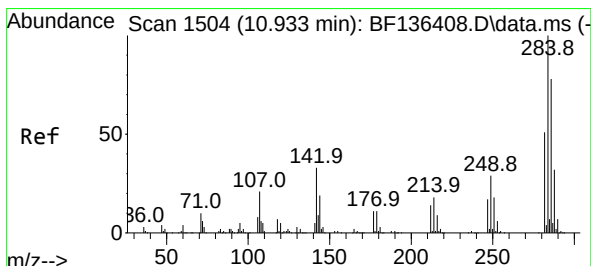
Manual Integrations  
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Reviewed By :Yogesh  
Patel



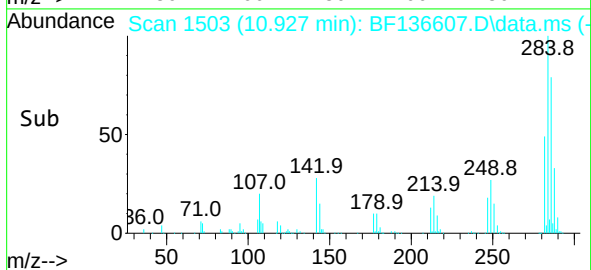
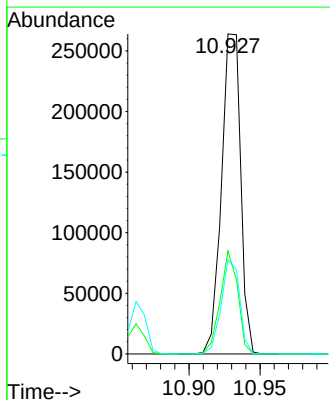
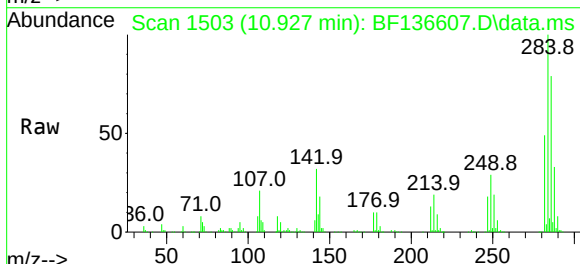
12/19/2023  
Supervised By :mohammad  
ahmed

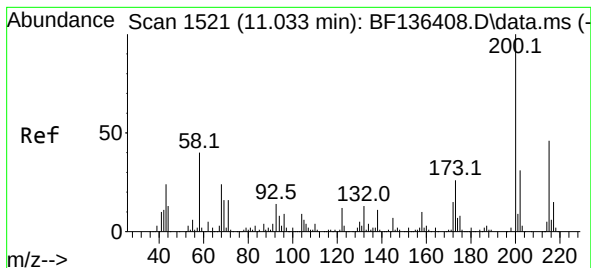
12/19/2023



#68  
Hexachlorobenzene  
Concen: 34.982 ng  
RT: 10.927 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:284 Resp: 247650  
Ion Ratio Lower Upper  
284 100  
142 32.2 26.5 39.7  
249 29.4 23.4 35.0





#69

Atrazine

Concen: 33.767 ng

RT: 11.027 min Scan# 1520

Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

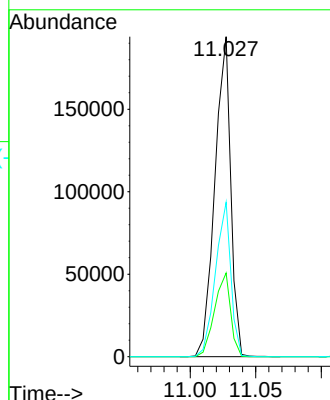
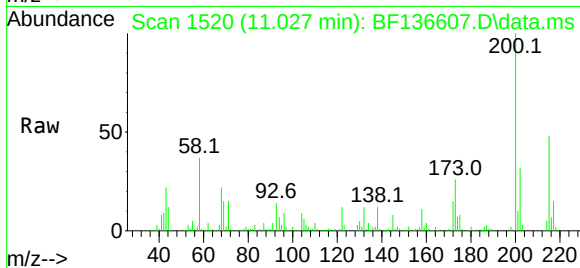
BNA\_F

ClientSampleId :

Tgt Ion:200 Resp: 16292  
 Ion Ratio Lower Upper  
 200 100  
 173 26.1 6.0 46.0  
 215 48.3 25.5 65.5

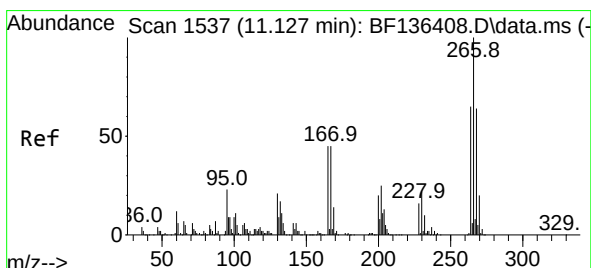
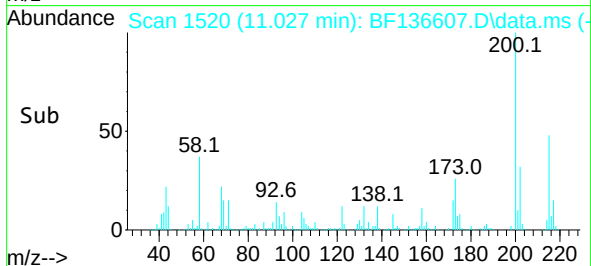
Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel



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 Supervised By :mohammad  
 ahmed

12/19/2023



#70

Pentachlorophenol

Concen: 40.804 ng

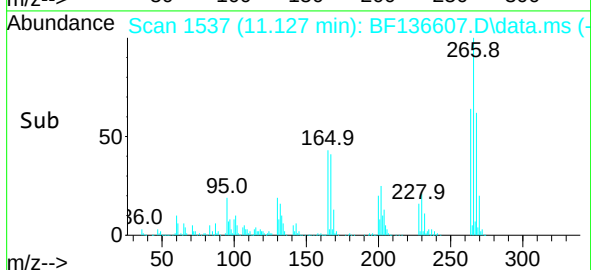
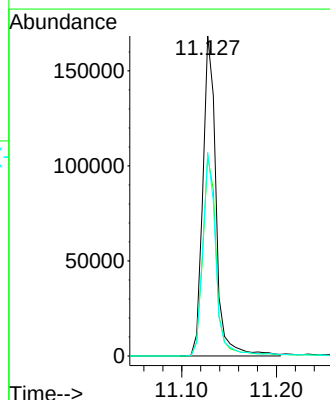
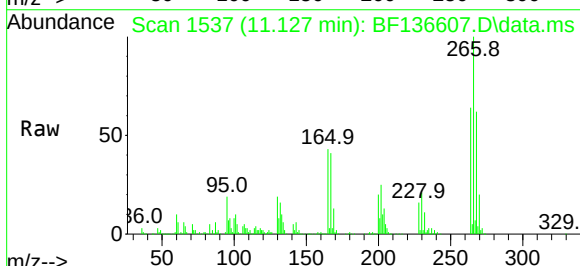
RT: 11.127 min Scan# 1537

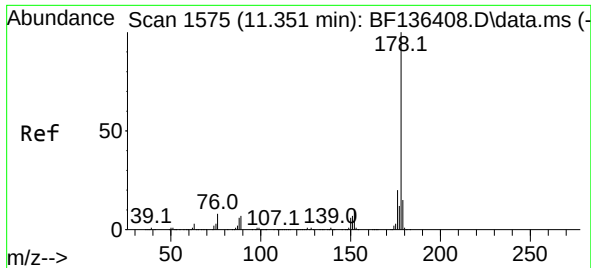
Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Tgt Ion:266 Resp: 163031  
 Ion Ratio Lower Upper  
 266 100  
 268 62.5 51.0 76.6  
 264 63.6 52.2 78.4



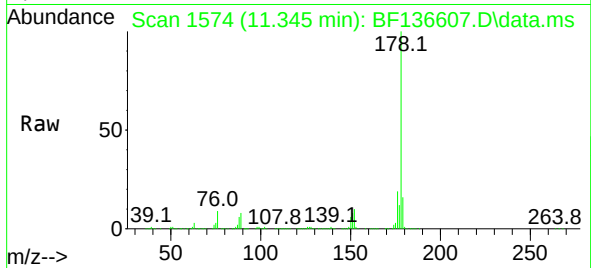


#71  
Phenanthrene  
Concen: 36.276 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

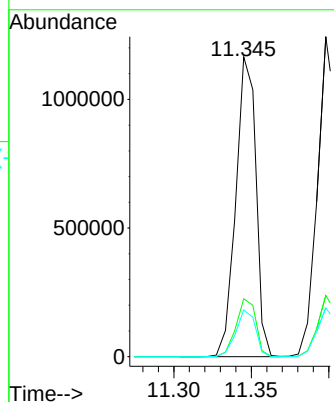
ClientSampleId :



Tgt Ion:178 Resp: 105045  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.9 23.9  
179 15.6 11.8 17.6

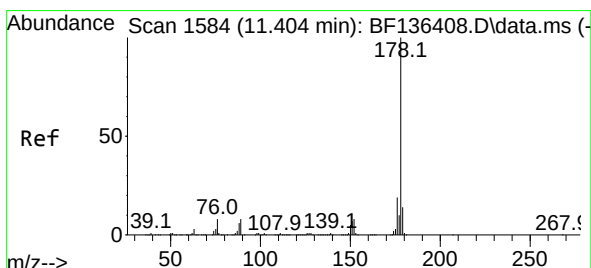
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



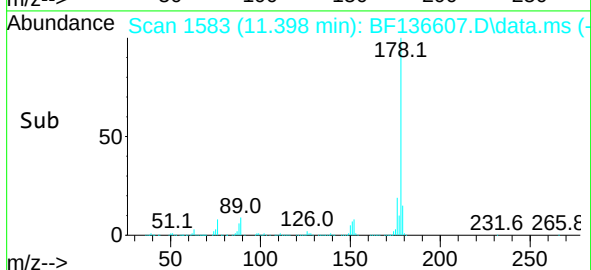
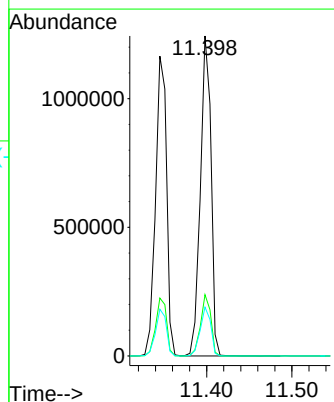
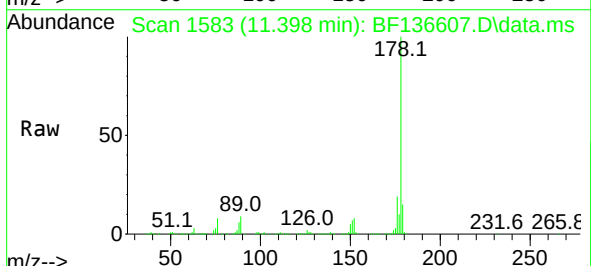
12/19/2023  
Supervised By :mohammad  
ahmed

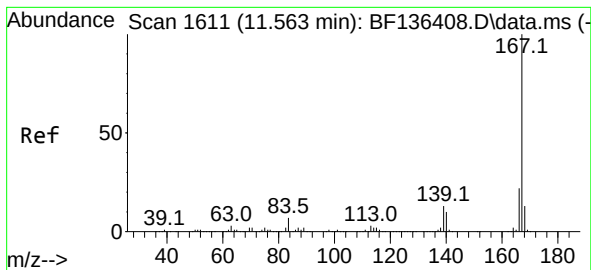
12/19/2023



#72  
Anthracene  
Concen: 37.031 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

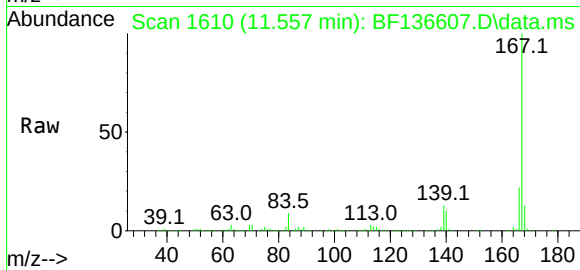
Tgt Ion:178 Resp: 1080053  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.3 11.4 17.0





#73  
 Carbazole  
 Concen: 34.512 ng  
 RT: 11.557 min Scan# 1610  
 Delta R.T. 0.000 min  
 Lab File: BF136607.D  
 Acq: 18 Dec 2023 11:14

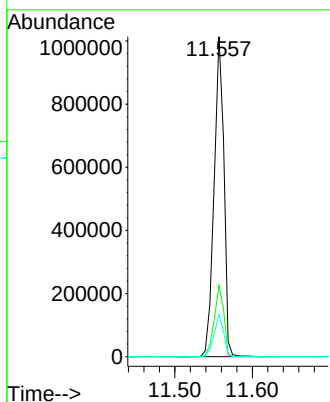
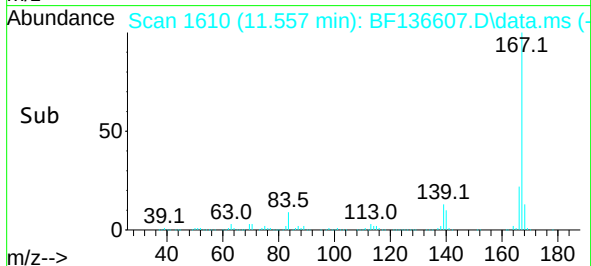
Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:167 Resp: 890885  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.0 27.0  
 139 13.2 10.2 15.4

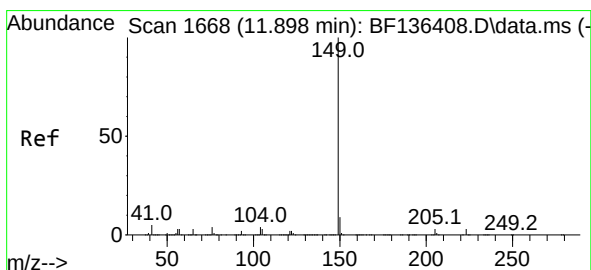
Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

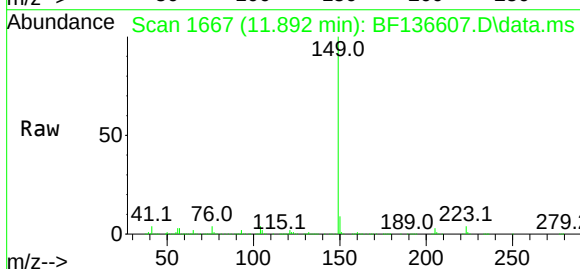


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 Supervised By :mohammad  
 ahmed

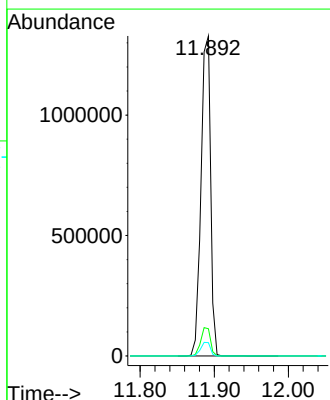
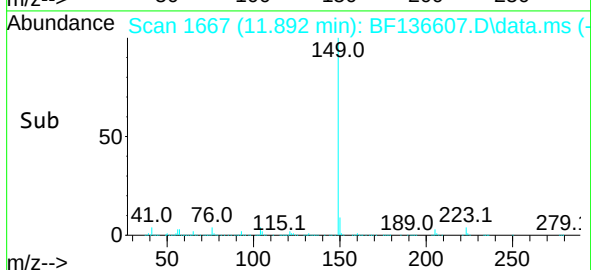
12/19/2023



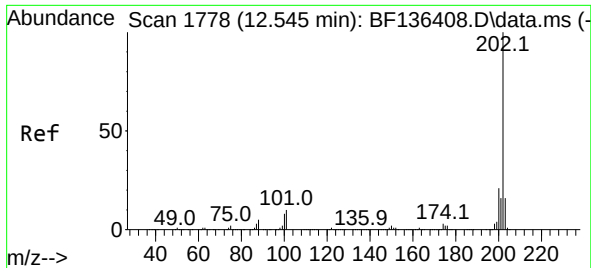
#74  
 Di-n-butylphthalate  
 Concen: 37.616 ng  
 RT: 11.892 min Scan# 1667  
 Delta R.T. 0.000 min  
 Lab File: BF136607.D  
 Acq: 18 Dec 2023 11:14



Tgt Ion:149 Resp: 1190391  
 Ion Ratio Lower Upper  
 149 100  
 150 8.5 6.9 10.3  
 104 4.1 3.5 5.3

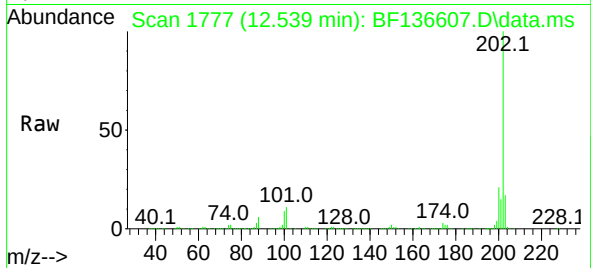






#75  
Fluoranthene  
Concen: 33.951 ng  
RT: 12.539 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

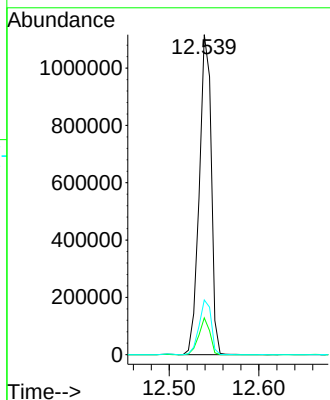
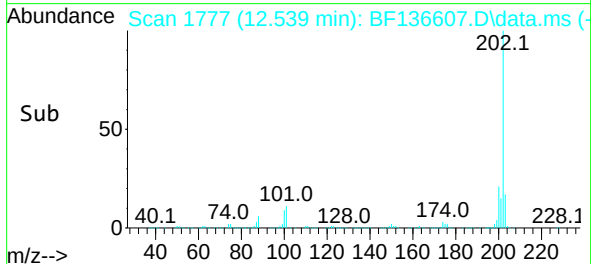
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:202 Resp: 103024  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 29.9  
203 17.1 0.0 36.3

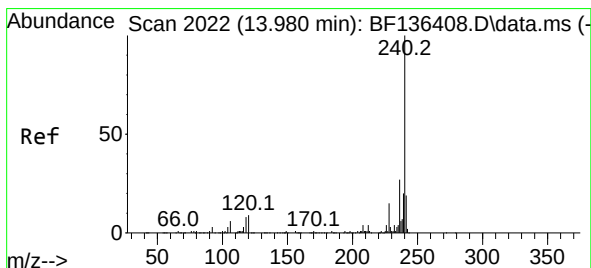
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



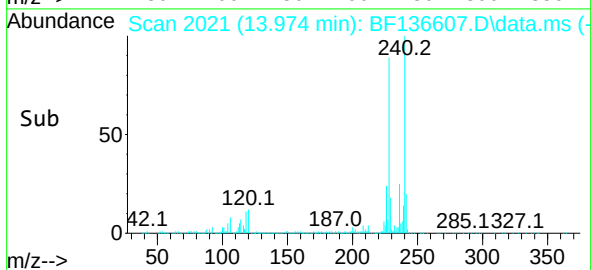
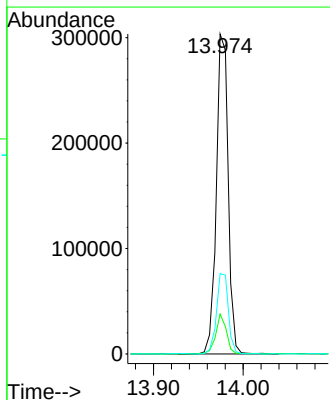
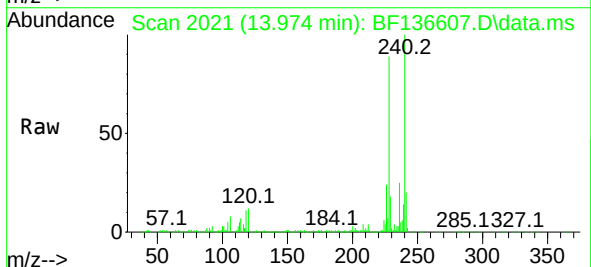
12/19/2023  
Supervised By :mohammad  
ahmed

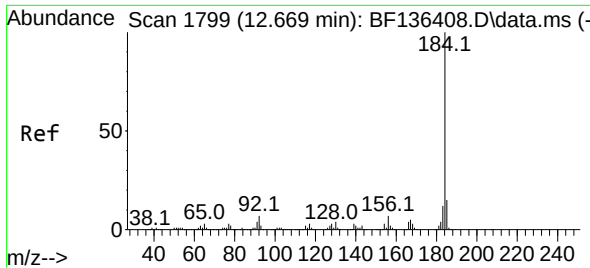
12/19/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

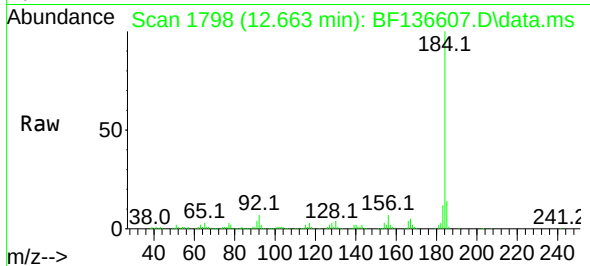
Tgt Ion:240 Resp: 277889  
Ion Ratio Lower Upper  
240 100  
120 12.4 7.3 10.9#  
236 25.1 21.3 31.9





#77  
Benzidine  
Concen: 24.321 ng  
RT: 12.663 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

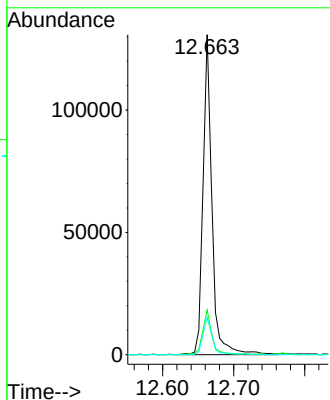
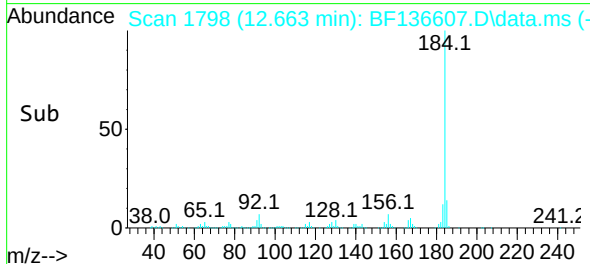
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:184 Resp: 115239  
Ion Ratio Lower Upper  
184 100  
185 14.0 12.0 18.0  
183 11.6 9.4 14.0

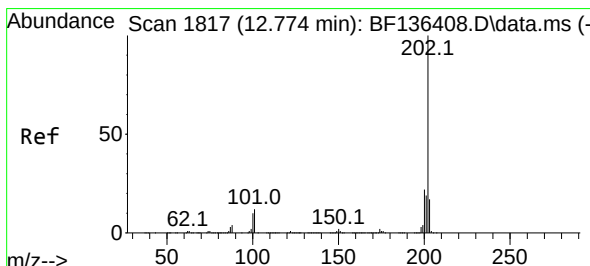
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



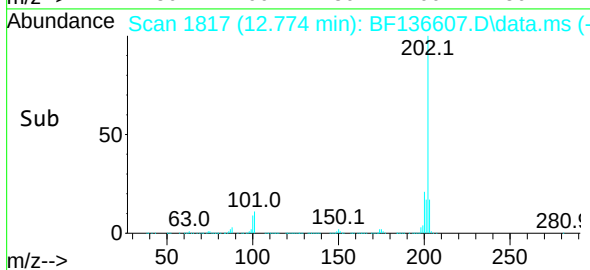
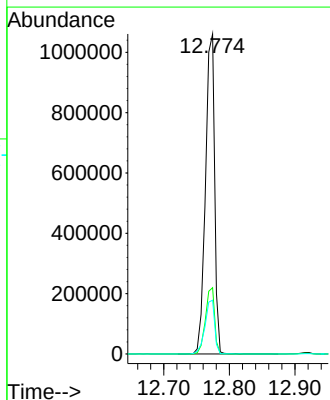
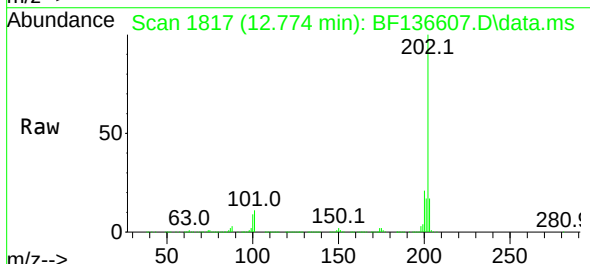
12/19/2023  
Supervised By :mohammad  
ahmed

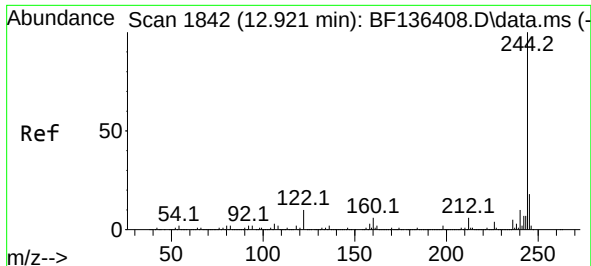
12/19/2023



#78  
Pyrene  
Concen: 37.834 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:202 Resp: 1029665  
Ion Ratio Lower Upper  
202 100  
200 20.7 18.0 27.0  
203 16.8 13.5 20.3



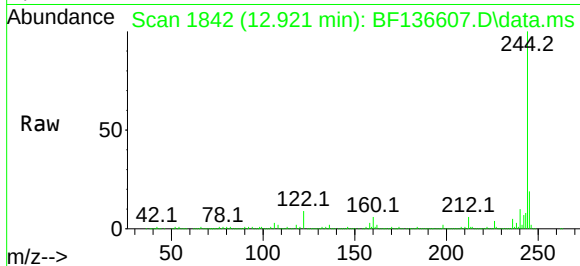


#79  
 Terphenyl-d14  
 Concen: 77.700 ng  
 RT: 12.921 min Scan# 1842  
 Delta R.T. 0.000 min  
 Lab File: BF136607.D  
 Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

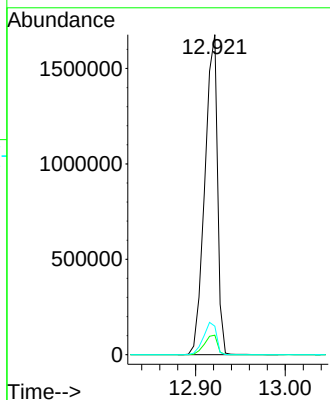
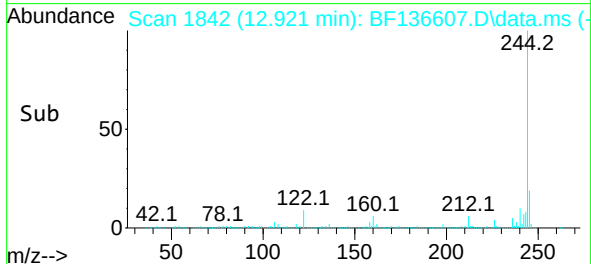
ClientSampleId :



Tgt Ion:244 Resp: 1638184  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.0 7.4  
 122 8.9 8.3 12.5

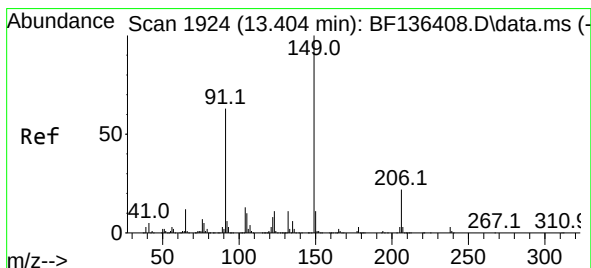
Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

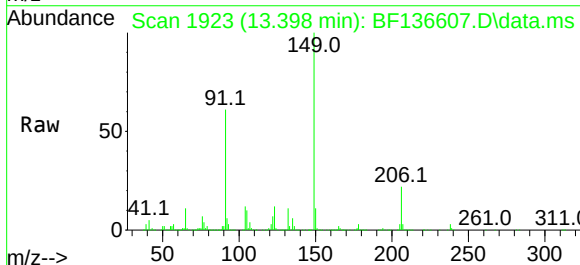


12/19/2023  
 Supervised By :mohammad  
 ahmed

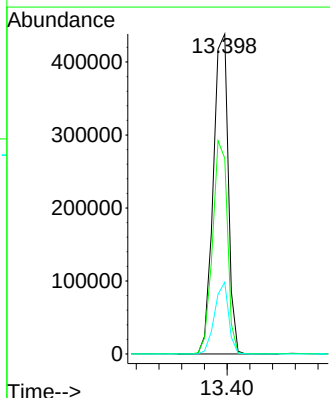
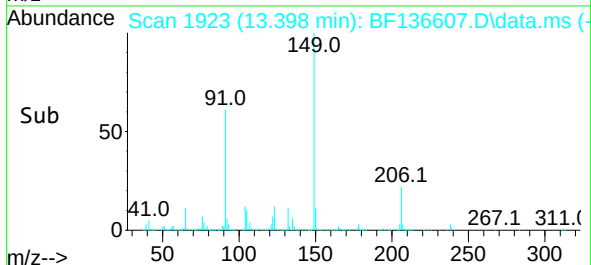
12/19/2023

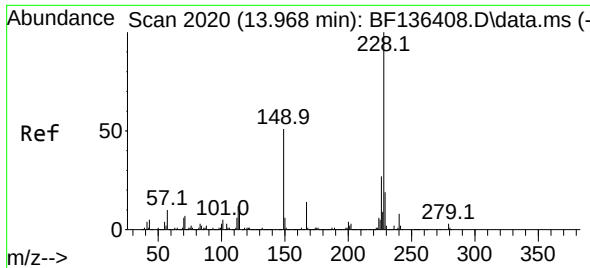


#80  
 Butylbenzylphthalate  
 Concen: 41.496 ng  
 RT: 13.398 min Scan# 1923  
 Delta R.T. 0.000 min  
 Lab File: BF136607.D  
 Acq: 18 Dec 2023 11:14



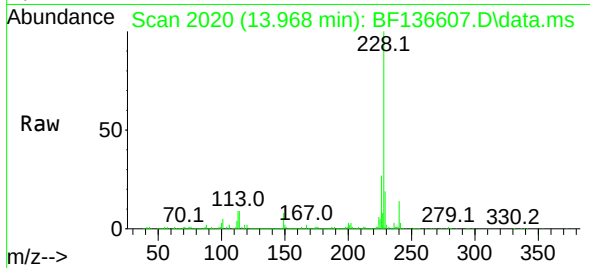
Tgt Ion:149 Resp: 402018  
 Ion Ratio Lower Upper  
 149 100  
 91 61.2 50.5 75.7  
 206 22.4 17.4 26.2





#81  
Benzo(a)anthracene  
Concen: 36.786 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

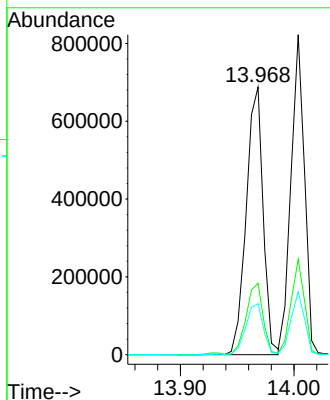
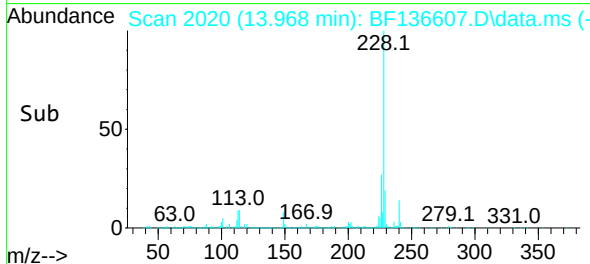
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:228 Resp: 712049  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.8 32.8  
229 19.1 15.0 22.4

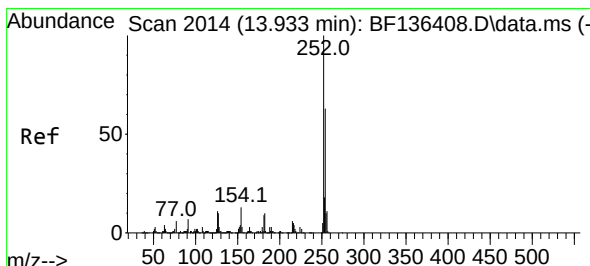
Manual Integrations  
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Reviewed By :Yogesh  
Patel

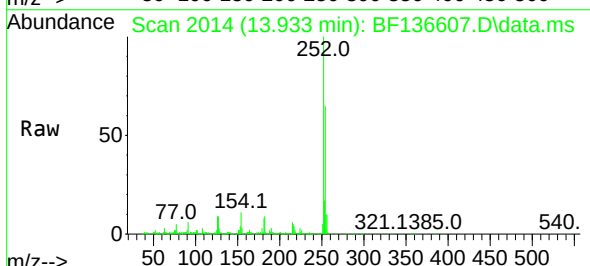


12/19/2023  
Supervised By :mohammad  
ahmed

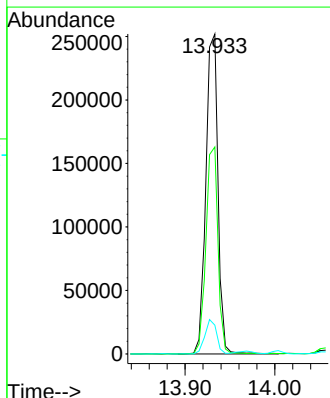
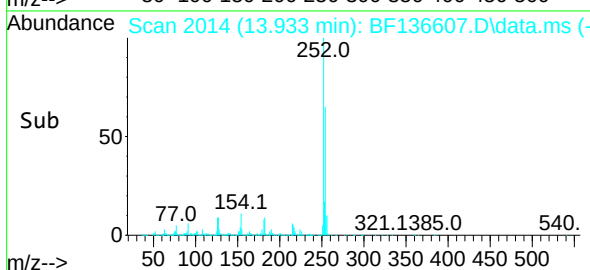
12/19/2023

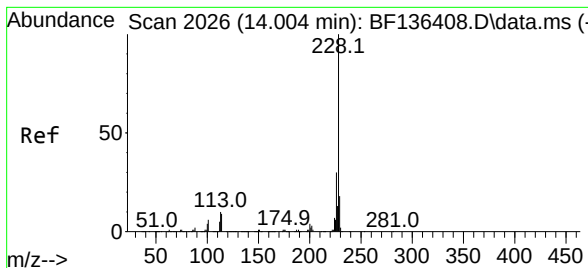


#82  
3,3'-Dichlorobenzidine  
Concen: 43.552 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:252 Resp: 236366  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.8 76.2  
126 9.0 8.6 12.8





#83

Chrysene

Concen: 35.725 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:228 Resp: 68036

Ion Ratio Lower Upper

228 100

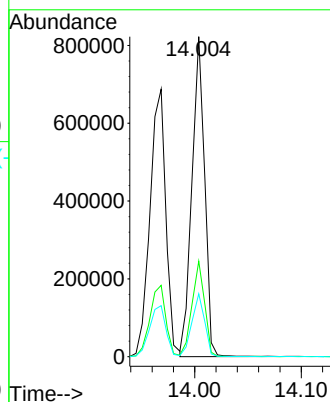
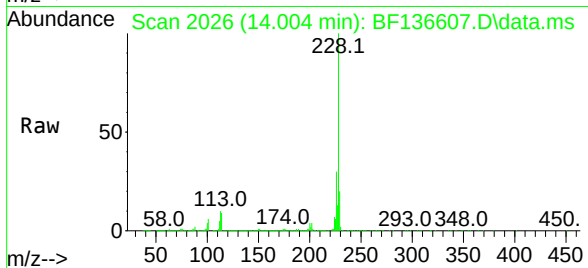
226 29.8 23.8 35.6

229 19.6 14.8 22.2

Manual Integrations

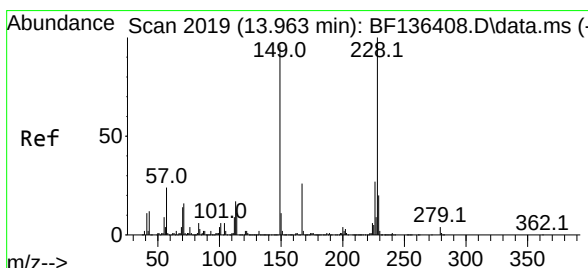
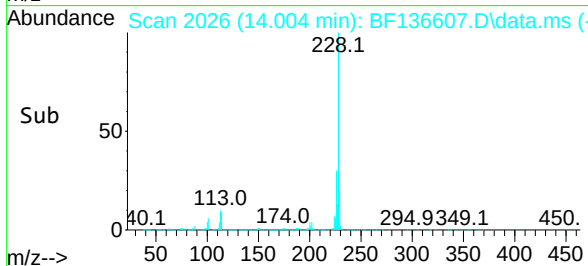
APPROVED

Reviewed By :Yogesh  
Patel



12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.199 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

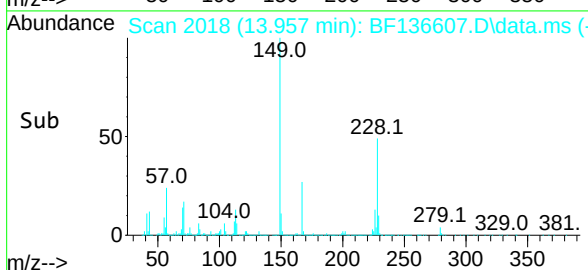
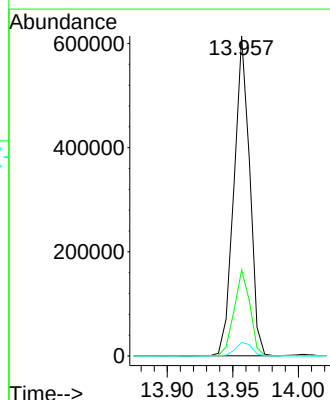
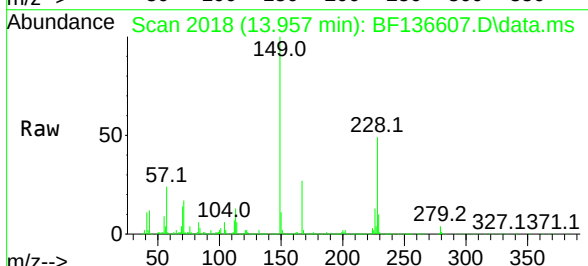
Tgt Ion:149 Resp: 513064

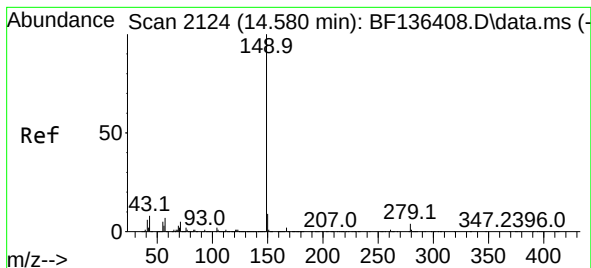
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

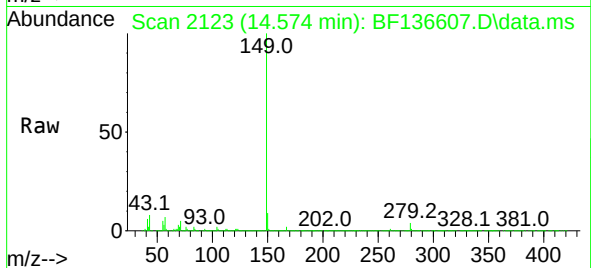
279 4.2 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 43.264 ng  
RT: 14.574 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

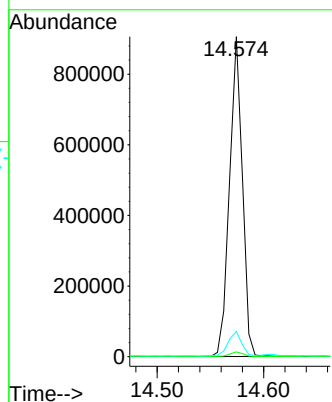
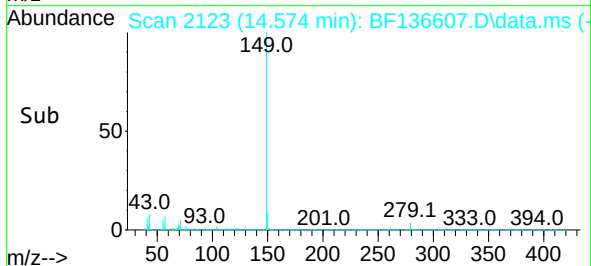
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:149 Resp: 758989  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 7.9 6.8 10.2

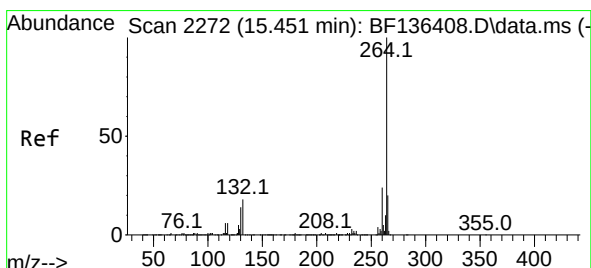
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



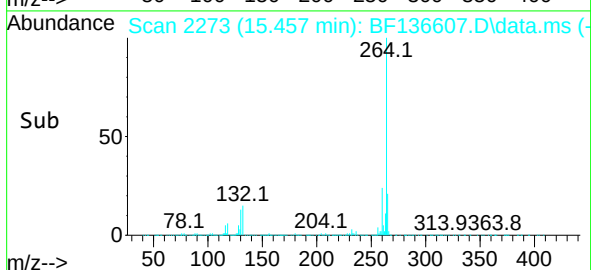
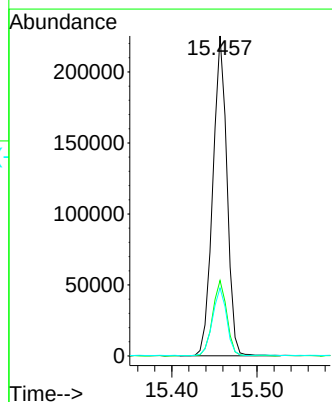
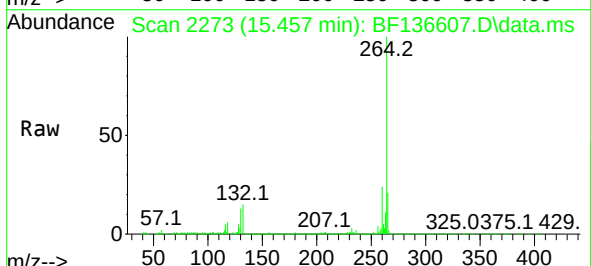
12/19/2023  
Supervised By :mohammad  
ahmed

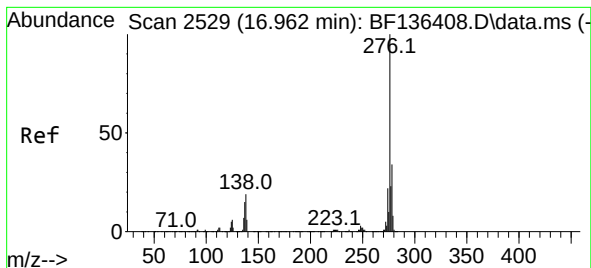
12/19/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.457 min Scan# 2273  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:264 Resp: 259295  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.2 28.8  
265 21.2 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.951 ng

RT: 16.974 min Scan# 21967

Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

Instrument :

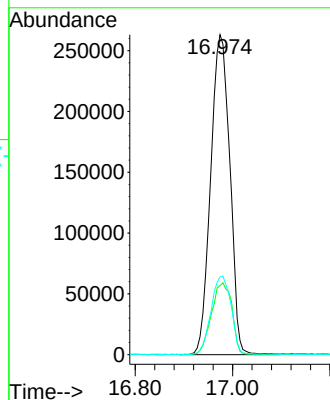
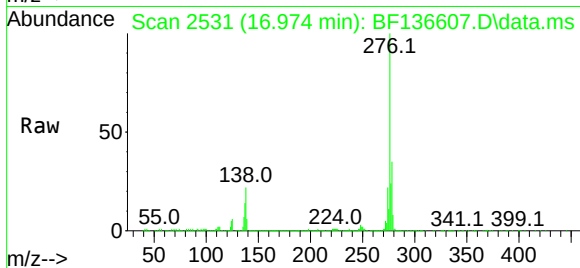
BNA\_F

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 71967 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 23.9  | 19.0  | 28.4  |
| 277       | 25.5  | 20.0  | 30.0  |

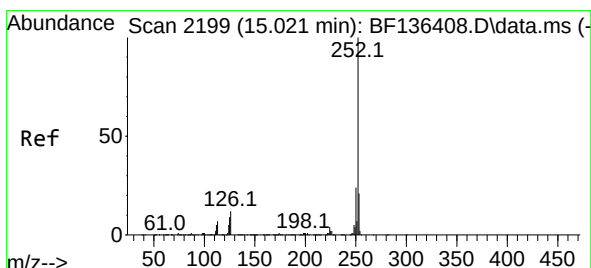
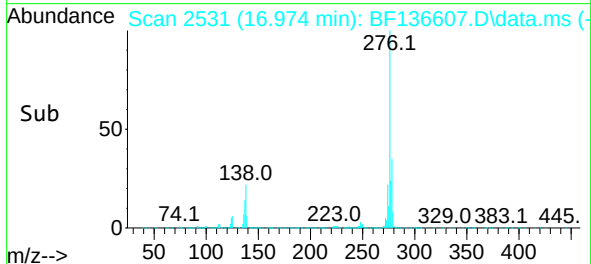
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023



#88

Benzo(b)fluoranthene

Concen: 34.100 ng

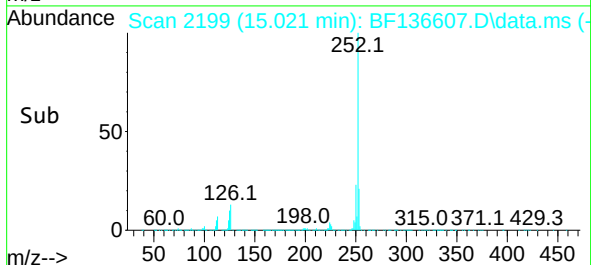
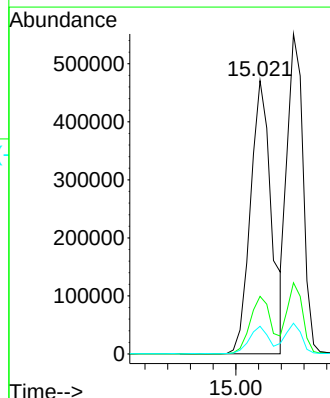
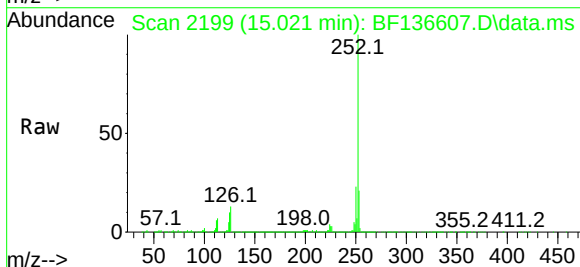
RT: 15.021 min Scan# 2199

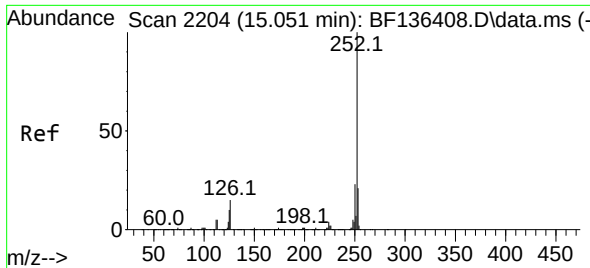
Delta R.T. 0.000 min

Lab File: BF136607.D

Acq: 18 Dec 2023 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 604553 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.1  | 16.9  | 25.3   |
| 125       | 10.1  | 7.4   | 11.2   |



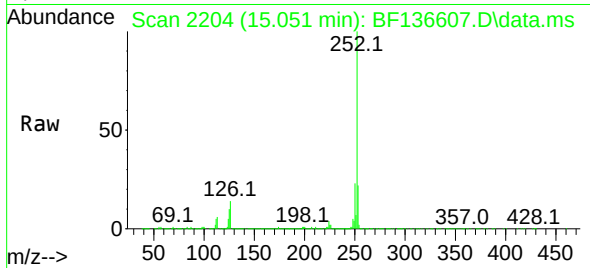


#89  
Benzo(k)fluoranthene  
Concen: 32.170 ng  
RT: 15.051 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNF

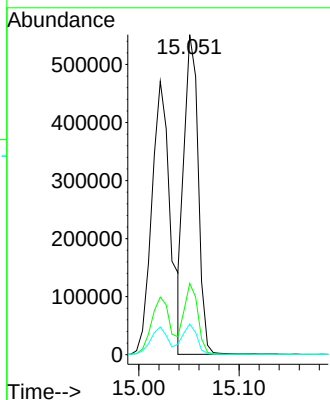
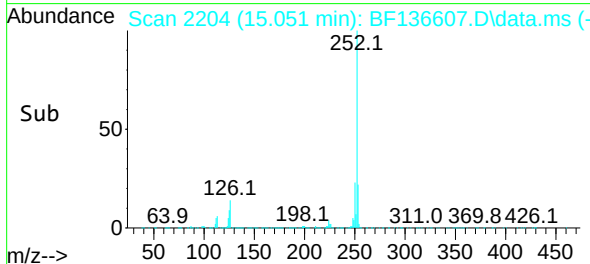
ClientSampleId :



Tgt Ion:252 Resp: 53749  
Ion Ratio Lower Upper  
252 100  
253 22.3 16.9 25.3  
125 9.6 7.5 11.3

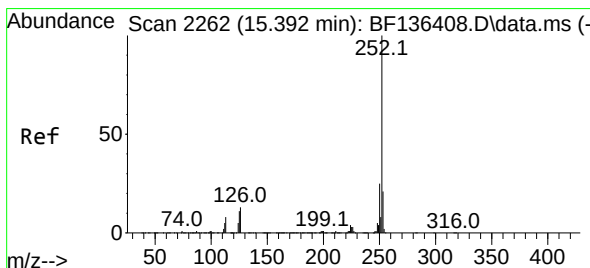
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel



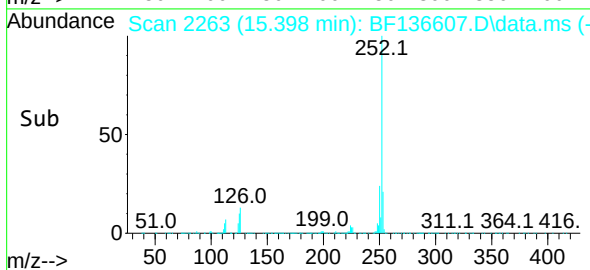
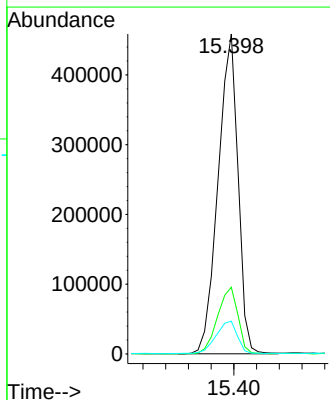
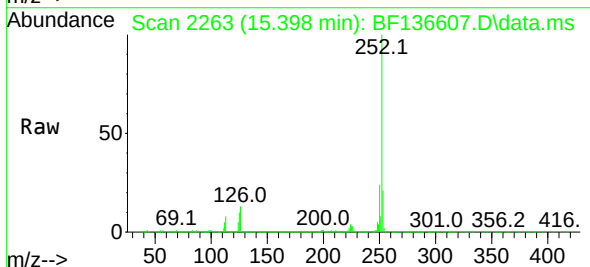
12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023

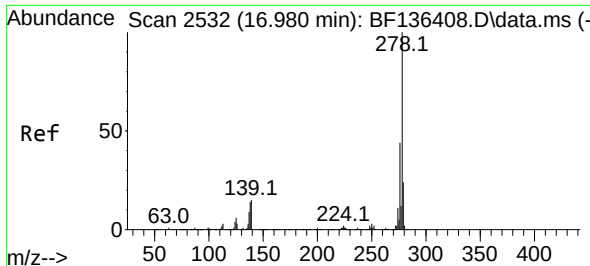


#90  
Benzo(a)pyrene  
Concen: 38.111 ng  
RT: 15.398 min Scan# 2263  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Tgt Ion:252 Resp: 557989  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.0 25.4  
125 10.3 8.6 13.0





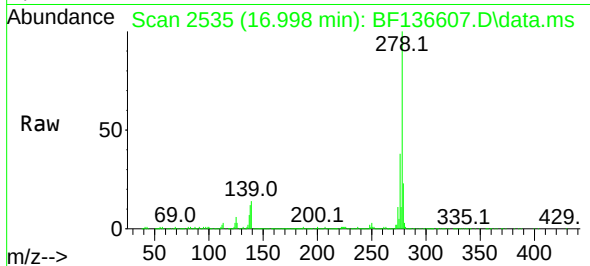


#91  
Dibenzo(a,h)anthracene  
Concen: 40.628 ng  
RT: 16.998 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14

Instrument :

BNA\_F

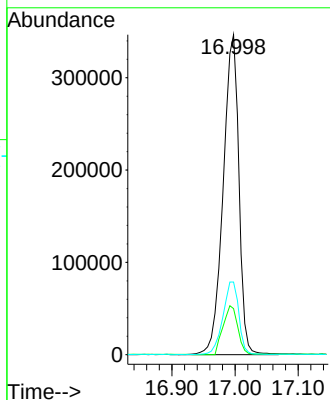
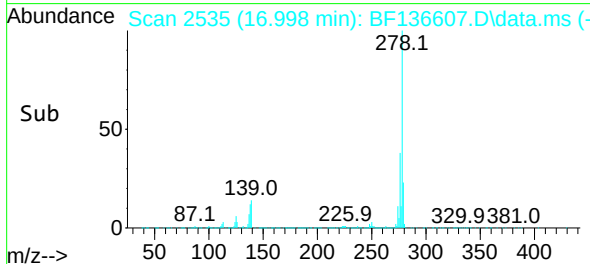
ClientSampleId :



Tgt Ion:278 Resp: 59957  
Ion Ratio Lower Upper  
278 100  
139 14.4 12.2 18.4  
279 22.7 19.0 28.4

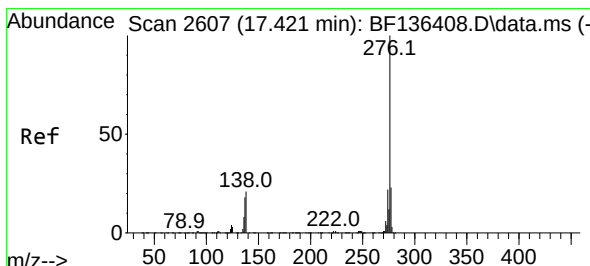
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel

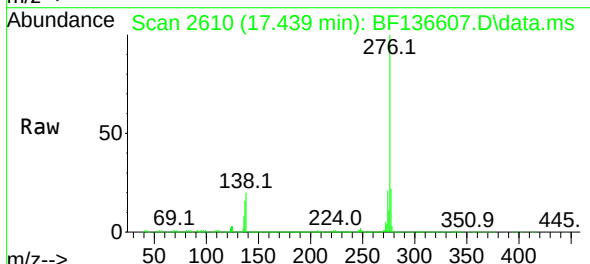


12/19/2023  
Supervised By :mohammad  
ahmed

12/19/2023



#92  
Benzo(g,h,i)perylene  
Concen: 40.021 ng  
RT: 17.439 min Scan# 2610  
Delta R.T. 0.000 min  
Lab File: BF136607.D  
Acq: 18 Dec 2023 11:14



Tgt Ion:276 Resp: 606201  
Ion Ratio Lower Upper  
276 100  
277 22.3 18.7 28.1  
138 19.8 16.6 25.0

