

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF043025\  
 Data File : BF142242.D  
 Acq On : 30 Apr 2025 12:49  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025  
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:42:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 30 15:28:40 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.910  | 152  | 194641   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.193  | 136  | 746567   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.945  | 164  | 398805   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.434 | 188  | 679379   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.075 | 240  | 430351   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.569 | 264  | 350840   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 492356   | 40.399 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 597221   | 40.580 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 450837   | 39.673 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.734 | 330  | 146779   | 40.372 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 1212743  | 42.876 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.022 | 244  | 1223735  | 41.357 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.693  | 88   | 109201   | 20.062 | ng    | 100      |
| 3) Pyridine                   | 3.458  | 79   | 282987   | 20.004 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.399  | 42   | 141737   | 19.361 | ng    | 97       |
| 6) Aniline                    | 6.569  | 93   | 419797   | 20.152 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 253840   | 20.156 | ng    | 99       |
| 9) Benzaldehyde               | 6.457  | 77   | 213052   | 20.712 | ng    | 98       |
| 10) Phenol                    | 6.534  | 94   | 322435   | 20.352 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.640  | 93   | 247179   | 20.132 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.851  | 146  | 289129   | 20.294 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.928  | 146  | 290927   | 20.268 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.081  | 146  | 278592   | 20.331 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.040  | 79   | 207042   | 19.835 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 448250   | 20.218 | ng    | 99       |
| 17) 2-Methylphenol            | 7.146  | 107  | 207957   | 20.157 | ng    | 99       |
| 18) Hexachloroethane          | 7.422  | 117  | 93572    | 19.917 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 184776   | 20.318 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 267057   | 20.700 | ng    | 96       |
| 22) Acetophenone              | 7.310  | 105  | 360484   | 20.872 | ng    | 98       |
| 24) Nitrobenzene              | 7.487  | 77   | 221499   | 19.865 | ng    | 98       |
| 25) Isophorone                | 7.722  | 82   | 479096   | 20.088 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.804  | 139  | 61615    | 17.893 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.834  | 122  | 248864   | 20.696 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 309073   | 20.549 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.040  | 162  | 204821   | 20.374 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 227898   | 20.315 | ng    | 100      |
| 31) Naphthalene               | 8.210  | 128  | 772839   | 20.758 | ng    | 100      |
| 32) Benzoic acid              | 7.904  | 122  | 64656m   | 19.412 | ng    |          |
| 33) 4-Chloroaniline           | 8.257  | 127  | 320218   | 20.654 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.334  | 225  | 133474   | 20.393 | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 60791    | 20.118 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 208419   | 20.190 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 472896   | 20.658 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 497635   | 20.985 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 228311   | 20.342 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.057  | 237  | 121953   | 19.145 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 140807   | 20.246 | ng    | 100      |

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 Misc :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 30 15:28:40 2025  
 Response via : Initial Calibration

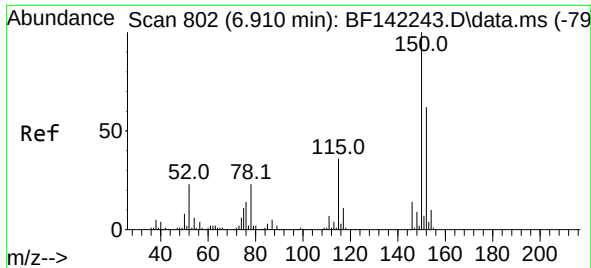
| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.210  | 196  | 144462   | 19.756 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.369  | 154  | 643017   | 20.740 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.392  | 162  | 474899   | 20.588 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.481  | 65   | 90798    | 18.213 | ng    | 97       |
| 49) Acenaphthylene             | 9.810  | 152  | 807654   | 20.749 | ng    | 99       |
| 50) Dimethylphthalate          | 9.663  | 163  | 518802   | 20.334 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.722  | 165  | 76955    | 18.432 | ng    | 93       |
| 52) Acenaphthene               | 9.981  | 154  | 460927   | 20.281 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.892  | 138  | 100560   | 18.959 | ng    | # 95     |
| 54) 2,4-Dinitrophenol          | 9.992  | 184  | 14553    | 18.804 | ng    | # 1      |
| 55) Dibenzofuran               | 10.151 | 168  | 698155   | 20.493 | ng    | 100      |
| 56) 4-Nitrophenol              | 10.034 | 139  | 70423    | 17.561 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.122 | 165  | 84812    | 17.844 | ng    | 95       |
| 58) Fluorene                   | 10.492 | 166  | 538647   | 20.793 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.263 | 232  | 124353   | 20.530 | ng    | 99       |
| 60) Diethylphthalate           | 10.363 | 149  | 519294   | 20.611 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.486 | 204  | 252213   | 20.502 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.498 | 138  | 92884    | 18.933 | ng    | 97       |
| 63) Azobenzene                 | 10.645 | 77   | 508482   | 20.438 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph...  | 10.528 | 198  | 23400    | 18.756 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.604 | 169  | 470767   | 20.280 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.981 | 248  | 151720   | 20.053 | ng    | 99       |
| 68) Hexachlorobenzene          | 11.039 | 284  | 168767   | 19.916 | ng    | 97       |
| 69) Atrazine                   | 11.128 | 200  | 126444   | 20.665 | ng    | 99       |
| 70) Pentachlorophenol          | 11.228 | 266  | 81929    | 18.301 | ng    | 99       |
| 71) Phenanthrene               | 11.457 | 178  | 760476   | 20.723 | ng    | 99       |
| 72) Anthracene                 | 11.510 | 178  | 782215   | 20.848 | ng    | 99       |
| 73) Carbazole                  | 11.657 | 167  | 720775   | 21.059 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.998 | 149  | 739011   | 21.469 | ng    | 99       |
| 75) Fluoranthene               | 12.645 | 202  | 784880   | 21.636 | ng    | 100      |
| 77) Benzidine                  | 12.769 | 184  | 381034   | 20.837 | ng    | 99       |
| 78) Pyrene                     | 12.875 | 202  | 795806   | 20.046 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.498 | 149  | 174268   | 18.529 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.063 | 228  | 573438   | 19.849 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.027 | 252  | 163359   | 19.251 | ng    | 100      |
| 83) Chrysene                   | 14.098 | 228  | 537388   | 20.435 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 14.057 | 149  | 236325   | 18.042 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.674 | 149  | 376362   | 17.998 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 17.074 | 276  | 514496   | 20.021 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.127 | 252  | 423694   | 19.442 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.157 | 252  | 428646   | 21.504 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.504 | 252  | 402101   | 20.154 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.092 | 278  | 420029   | 20.139 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.527 | 276  | 422497   | 20.150 | ng    | 100      |

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

## Manual Integrations

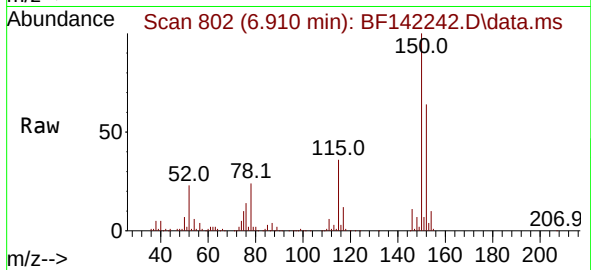
Reviewed By :Rahul Chavli    05/01/2025  
Supervised By :Jagrut Upadhyay    05/01/2025

[illegible]



#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.910 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF142242.D  
 Acq: 30 Apr 2025 12:49

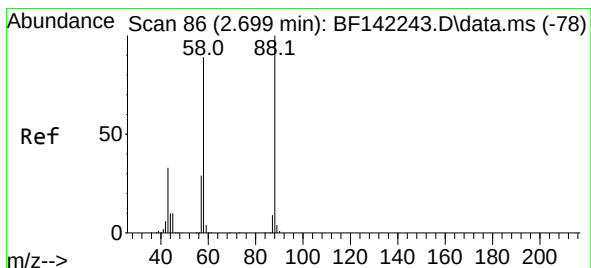
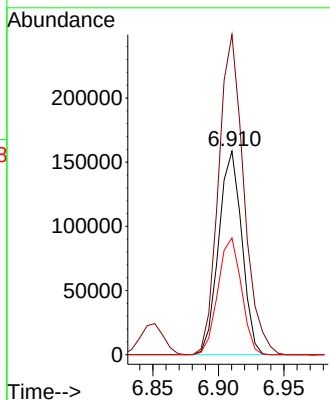
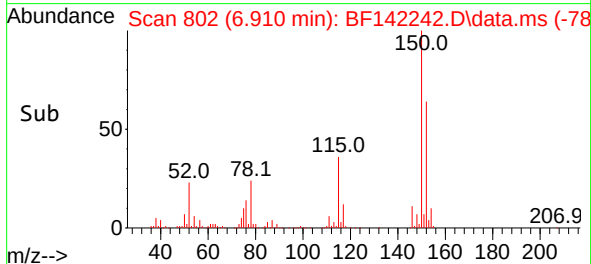
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020



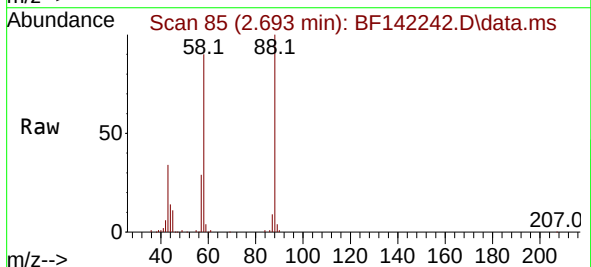
Tgt Ion:152 Resp: 19464  
 Ion Ratio Lower Upper  
 152 100  
 150 157.2 130.2 195.2  
 115 57.3 47.0 70.4

Manual Integrations  
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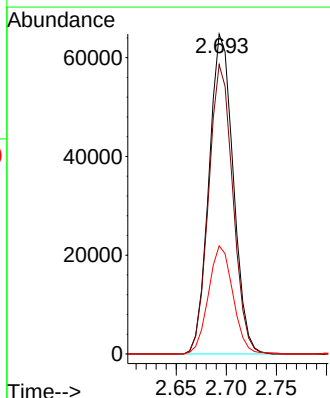
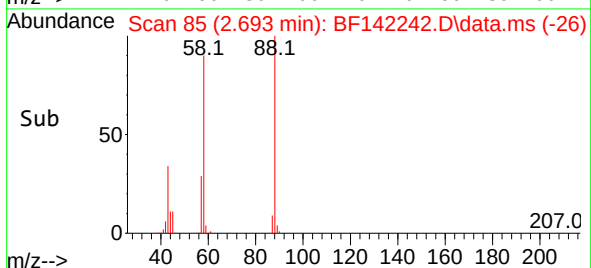
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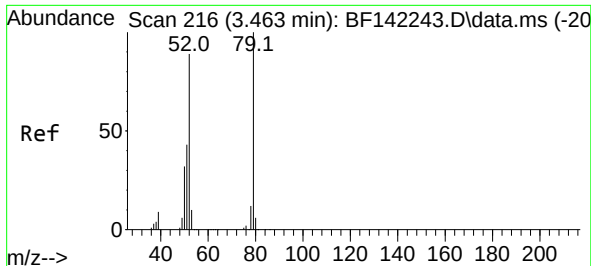


#2  
 1,4-Dioxane  
 Concen: 20.062 ng  
 RT: 2.693 min Scan# 85  
 Delta R.T. -0.006 min  
 Lab File: BF142242.D  
 Acq: 30 Apr 2025 12:49



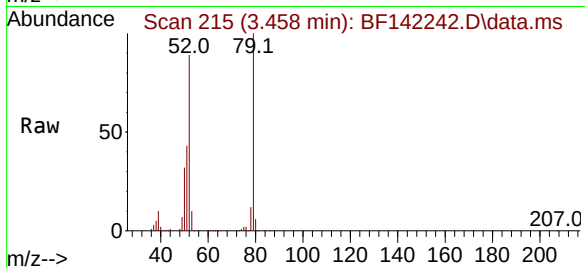
Tgt Ion: 88 Resp: 109201  
 Ion Ratio Lower Upper  
 88 100  
 58 90.0 72.2 108.2  
 43 34.2 27.0 40.6





#3  
Pyridine  
Concen: 20.004 ng  
RT: 3.458 min Scan# 216  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

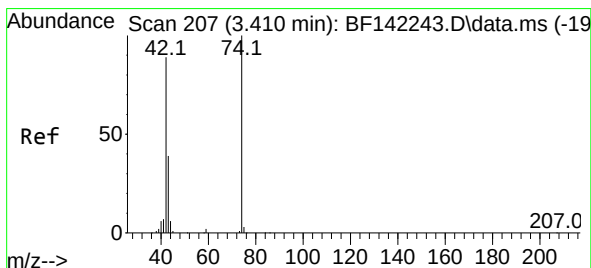
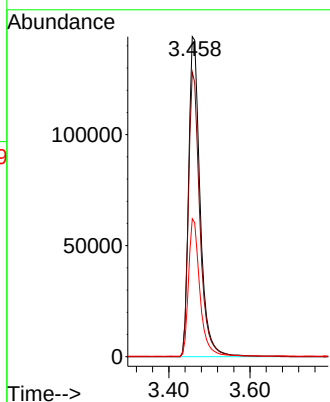
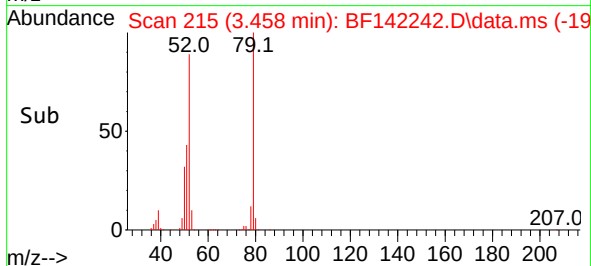
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



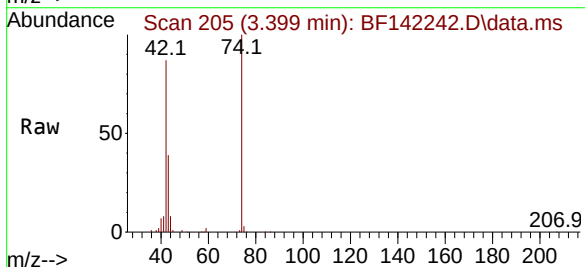
Tgt Ion: 79 Resp: 28298  
Ion Ratio Lower Upper  
79 100  
52 89.0 71.5 107.3  
51 43.1 34.5 51.7

Manual Integrations  
APPROVED

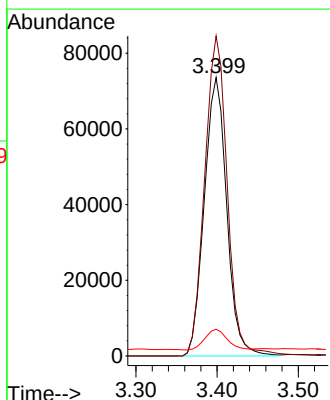
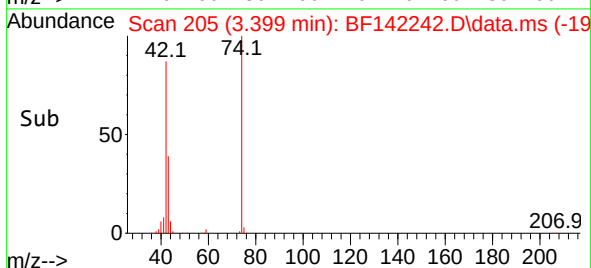
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

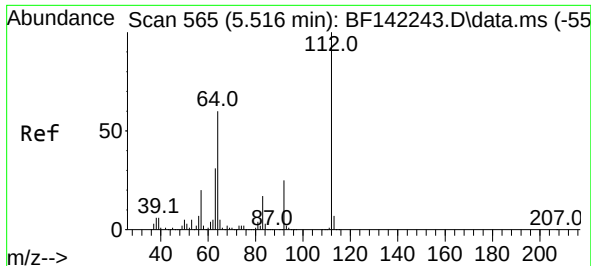


#4  
n-Nitrosodimethylamine  
Concen: 19.361 ng  
RT: 3.399 min Scan# 205  
Delta R.T. -0.012 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion: 42 Resp: 141737  
Ion Ratio Lower Upper  
42 100  
74 114.9 89.5 134.3  
44 9.6 6.6 9.8





#5  
2-Fluorophenol  
Concen: 40.399 ng  
RT: 5.510 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

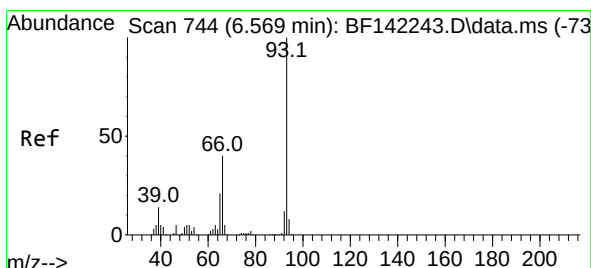
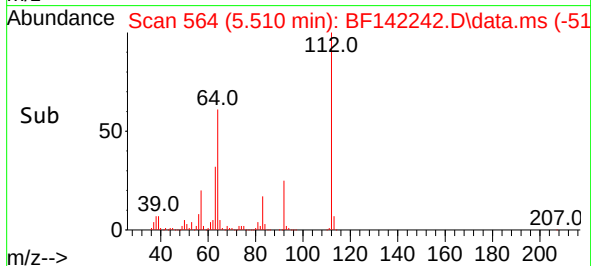
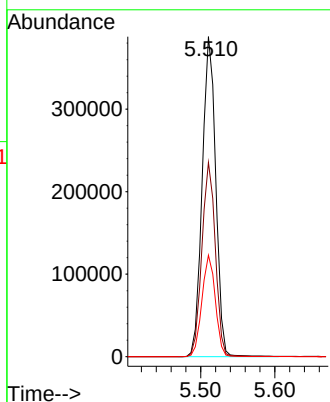
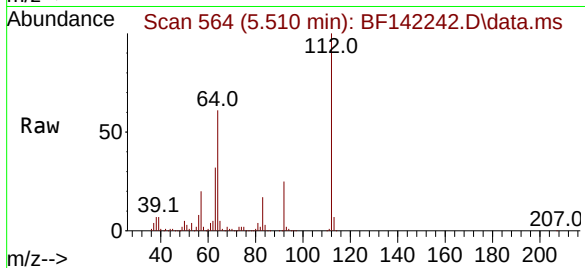
Tgt Ion:112 Resp: 492350  
Ion Ratio Lower Upper  
112 100  
64 60.7 48.4 72.6  
63 31.7 24.8 37.2

Manual Integrations

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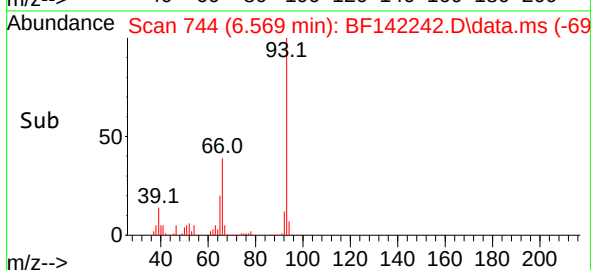
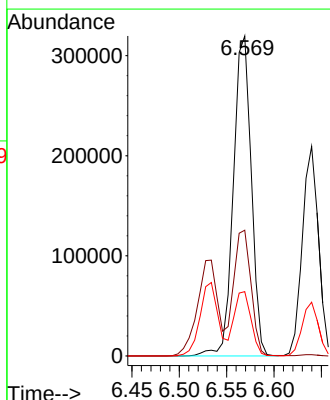
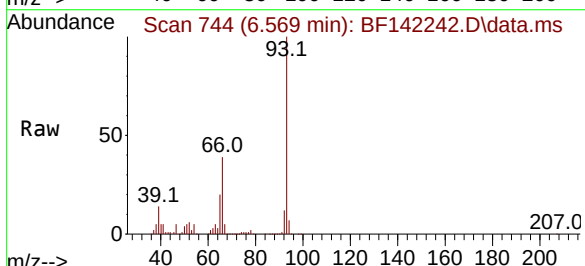
Reviewed By :Rahul Chavli 05/01/2025

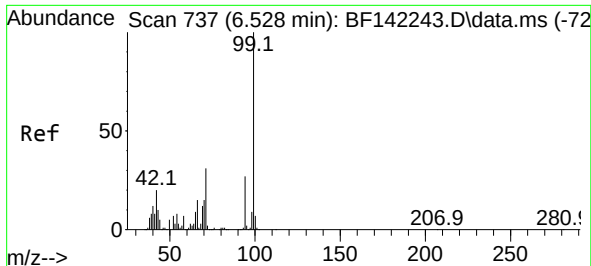
Supervised By :Jagrut Upadhyay 05/01/2025



#6  
Aniline  
Concen: 20.152 ng  
RT: 6.569 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

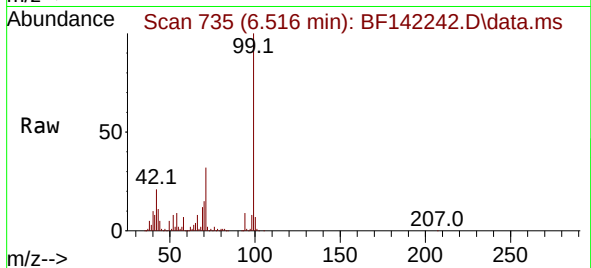
Tgt Ion: 93 Resp: 419797  
Ion Ratio Lower Upper  
93 100  
66 39.3 32.1 48.1  
65 20.1 16.6 24.8





#7  
Phenol-d6  
Concen: 40.580 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

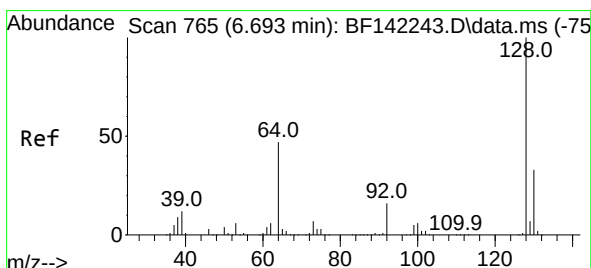
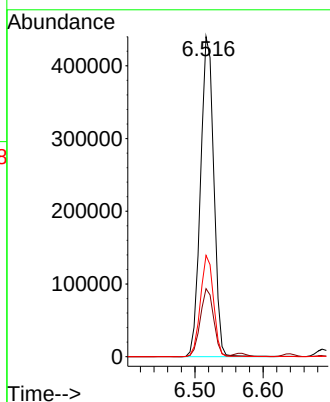
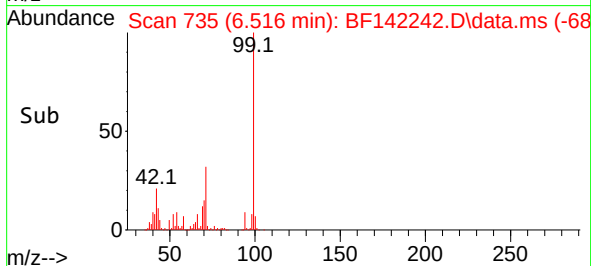
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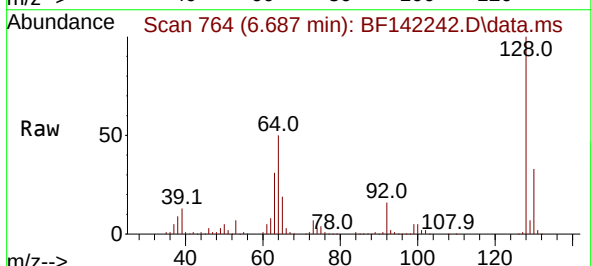
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71 31.6 25.0 37.4

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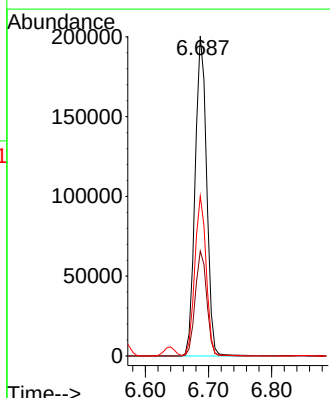
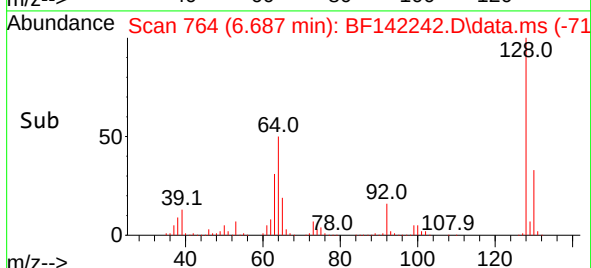
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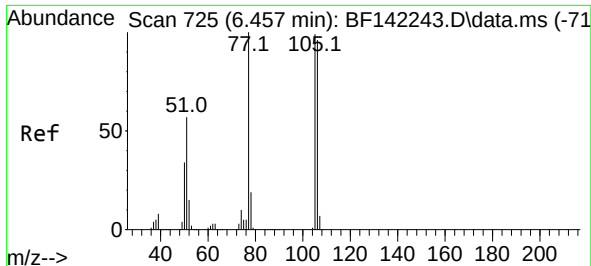


#8  
2-Chlorophenol  
Concen: 20.156 ng  
RT: 6.687 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



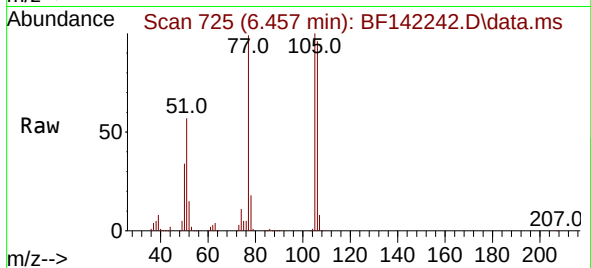
Tgt Ion:128 Resp: 253840  
Ion Ratio Lower Upper  
128 100  
130 32.8 13.1 53.1  
64 50.0 28.6 68.6





#9  
Benzaldehyde  
Concen: 20.712 ng  
RT: 6.457 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

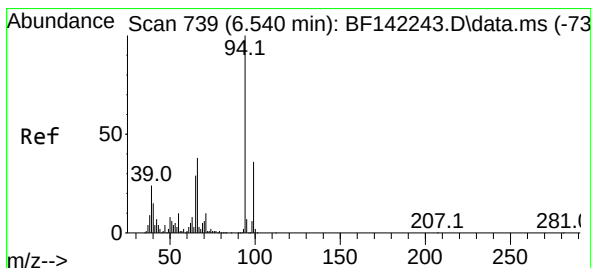
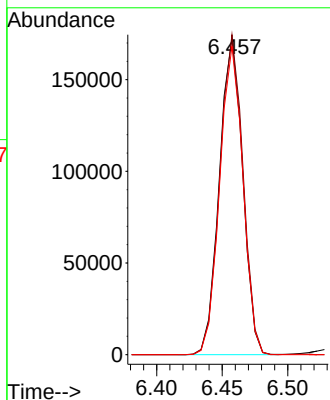
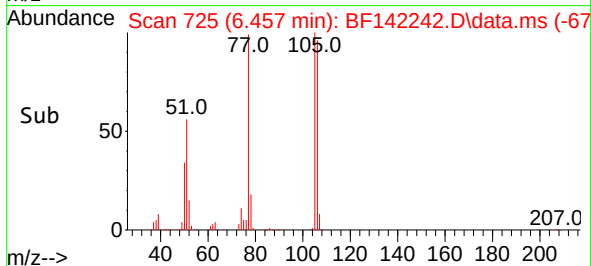
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



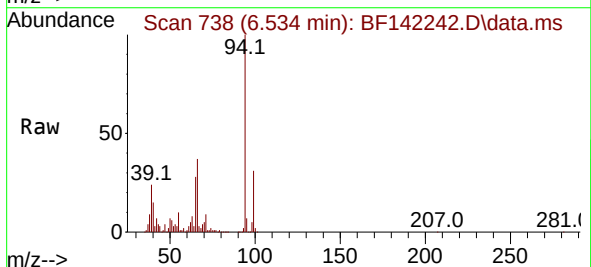
Tgt Ion: 77 Resp: 213052  
Ion Ratio Lower Upper  
77 100  
105 101.1 79.1 119.1  
106 97.4 76.0 116.0

Manual Integrations  
APPROVED

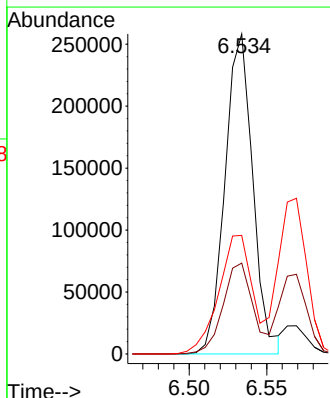
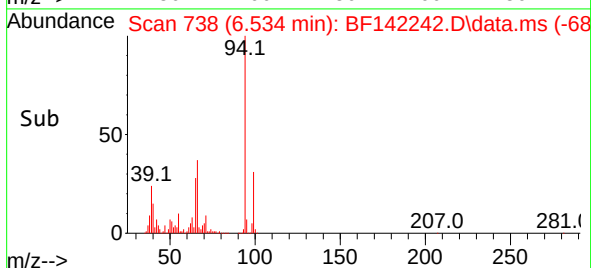
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



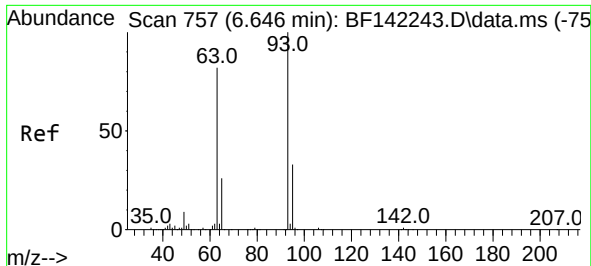
#10  
Phenol  
Concen: 20.352 ng  
RT: 6.534 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion: 94 Resp: 322435  
Ion Ratio Lower Upper  
94 100  
65 28.4 8.9 48.9  
66 37.1 18.7 58.7







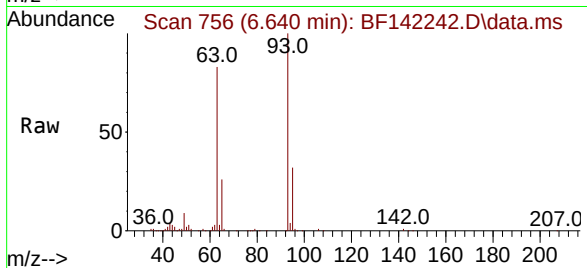
#11  
bis(2-Chloroethyl)ether  
Concen: 20.132 ng  
RT: 6.640 min Scan# 757  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



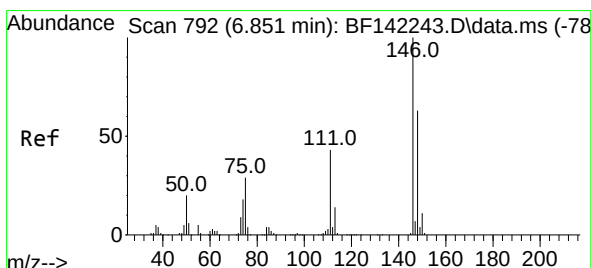
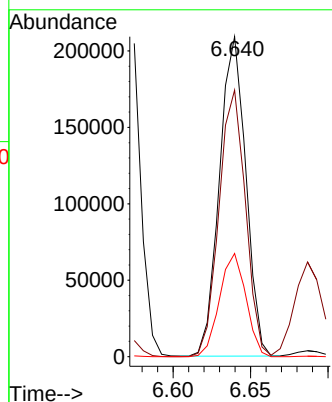
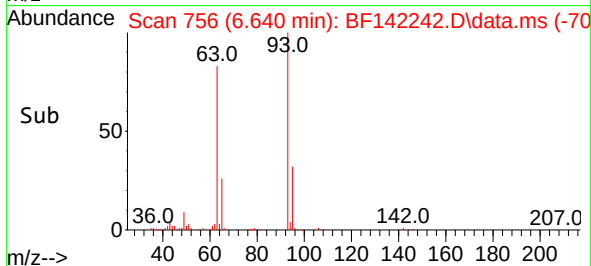
Tgt Ion: 93 Resp: 247179  
Ion Ratio Lower Upper  
93 100  
63 83.3 62.2 102.2  
95 32.3 12.7 52.7

Manual Integrations

APPROVED

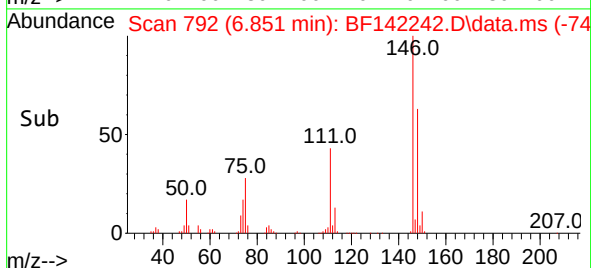
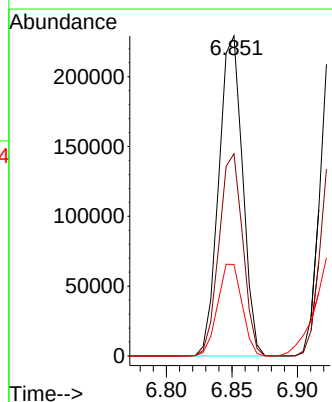
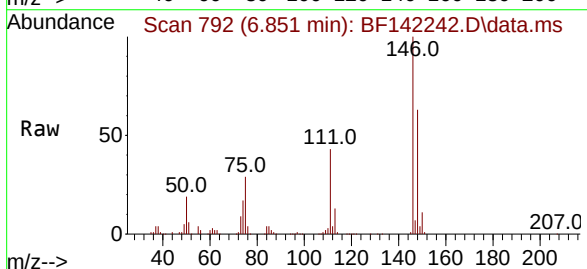
Reviewed By :Rahul Chavli 05/01/2025

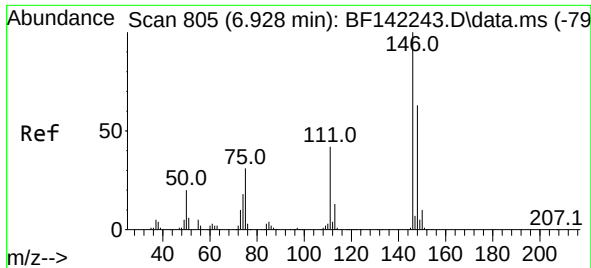
Supervised By :Jagrut Upadhyay 05/01/2025



#12  
1,3-Dichlorobenzene  
Concen: 20.294 ng  
RT: 6.851 min Scan# 792  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion:146 Resp: 289129  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.5 75.7  
75 28.6 23.2 34.8





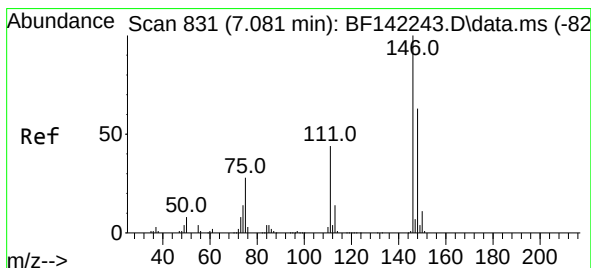
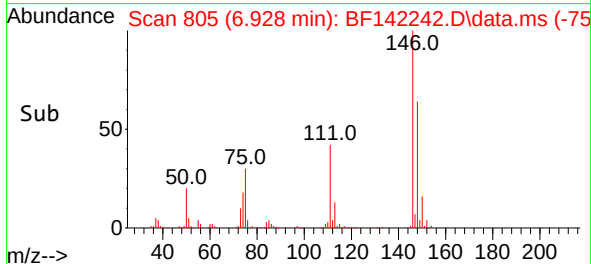
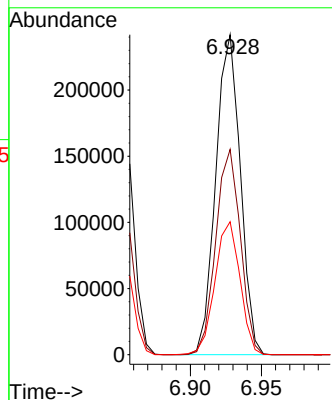
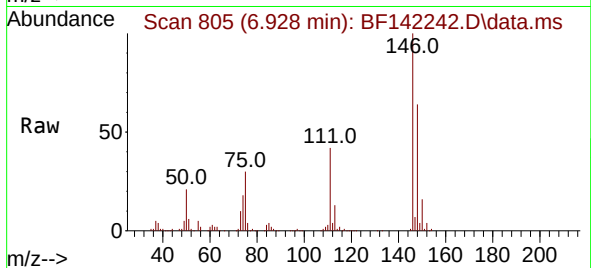
#13  
1,4-Dichlorobenzene  
Concen: 20.268 ng  
RT: 6.928 min Scan# 805  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:146 Resp: 290927  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.6 76.0  
111 41.6 33.4 50.0

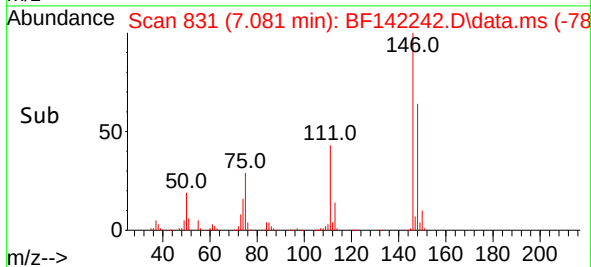
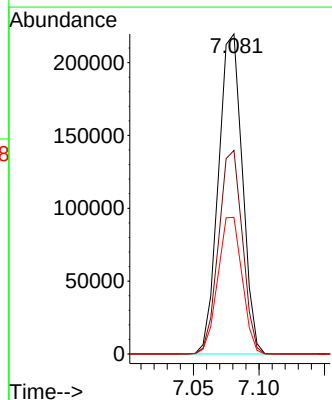
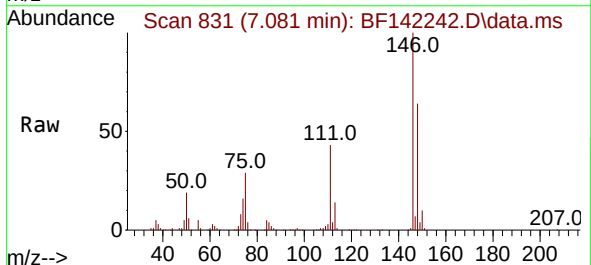
Manual Integrations  
APPROVED

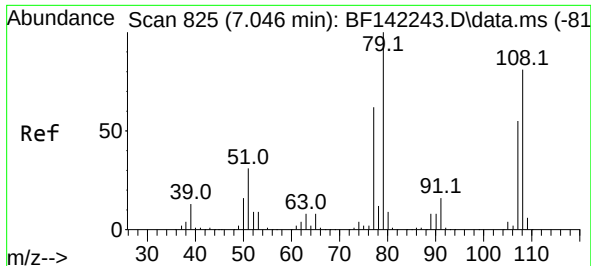
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



#14  
1,2-Dichlorobenzene  
Concen: 20.331 ng  
RT: 7.081 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion:146 Resp: 278592  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.5 75.7  
111 42.7 34.9 52.3





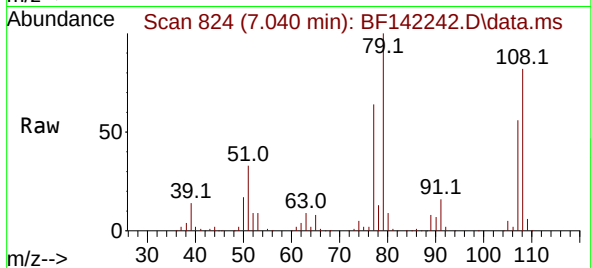
#15  
Benzyl Alcohol  
Concen: 19.835 ng  
RT: 7.040 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

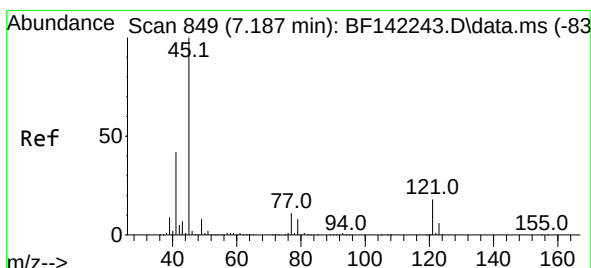
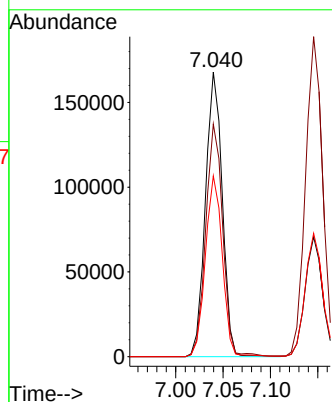
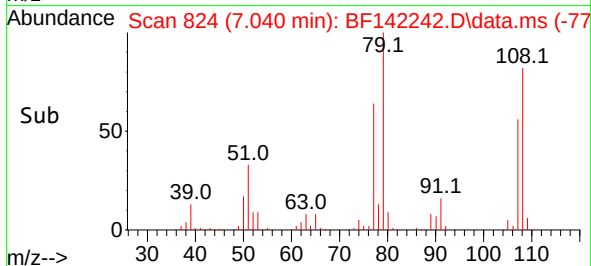


Tgt Ion: 79 Resp: 20704  
Ion Ratio Lower Upper  
79 100  
108 81.7 64.5 96.7  
77 63.5 49.2 73.8

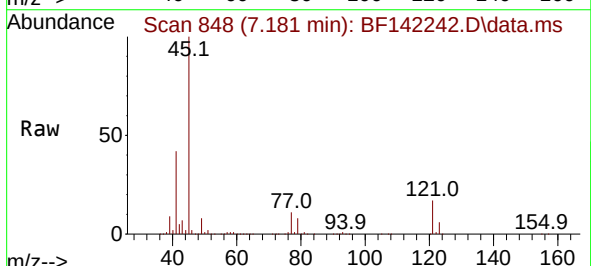
Manual Integrations

APPROVED

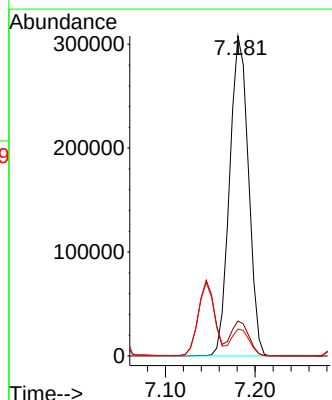
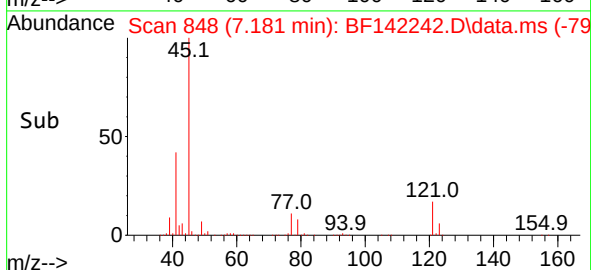
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

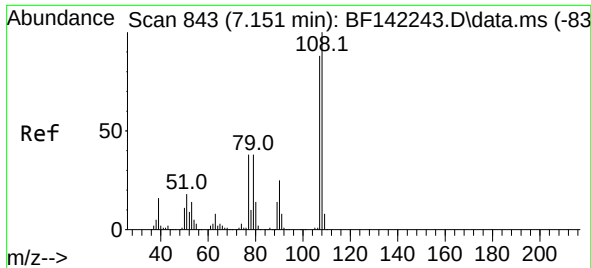


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 20.218 ng  
RT: 7.181 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion: 45 Resp: 448250  
Ion Ratio Lower Upper  
45 100  
77 10.9 0.0 31.3  
79 8.4 0.0 28.5





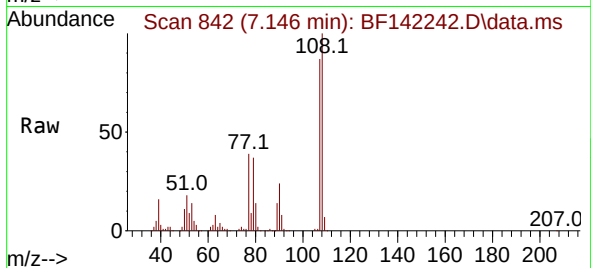
#17  
2-Methylphenol  
Concen: 20.157 ng  
RT: 7.146 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

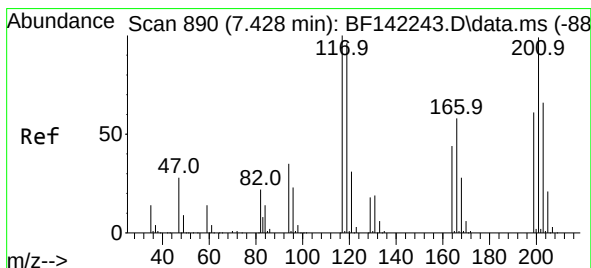
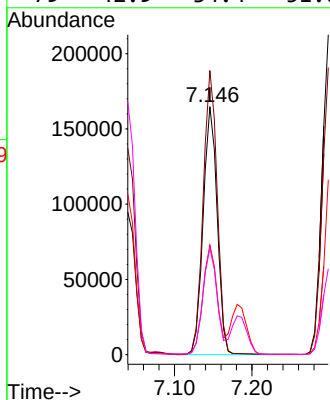
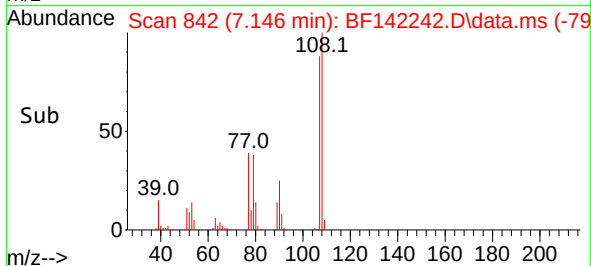


Tgt Ion:107 Resp: 20795  
Ion Ratio Lower Upper  
107 100  
108 114.6 91.0 136.4  
77 44.2 34.4 51.6  
79 42.9 34.4 51.6

Manual Integrations

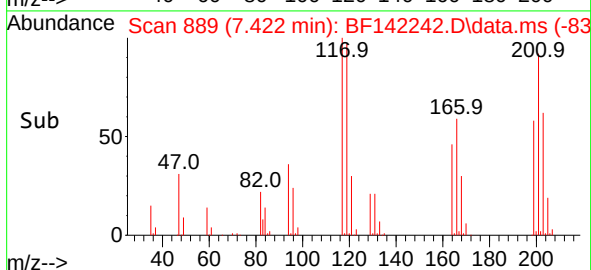
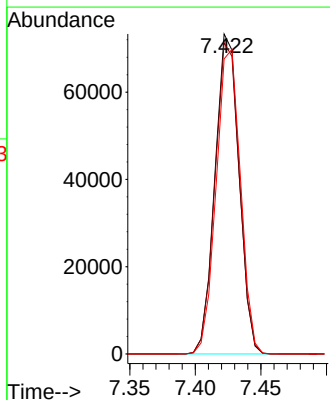
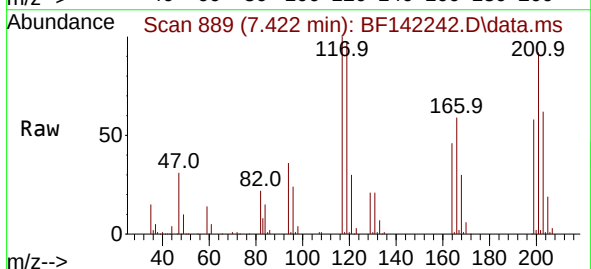
APPROVED

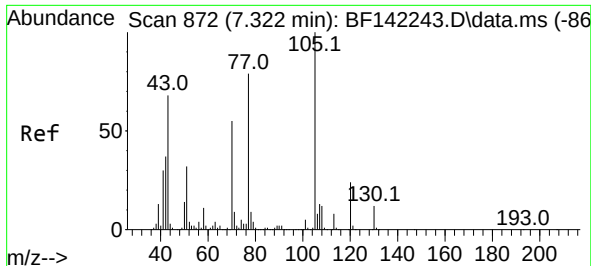
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



#18  
Hexachloroethane  
Concen: 19.917 ng  
RT: 7.422 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion:117 Resp: 93572  
Ion Ratio Lower Upper  
117 100  
119 97.2 77.1 115.7  
201 92.2 79.4 119.2





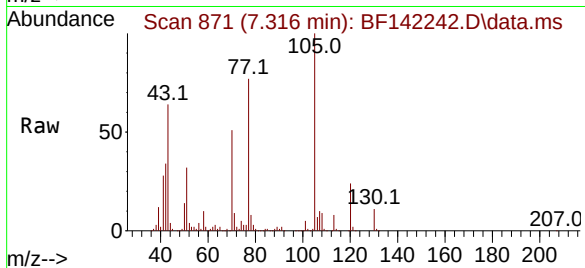
#19  
n-Nitroso-di-n-propylamine  
Concen: 20.318 ng  
RT: 7.316 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



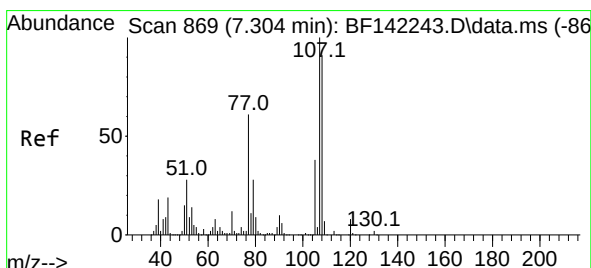
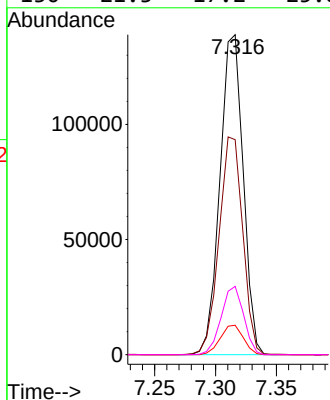
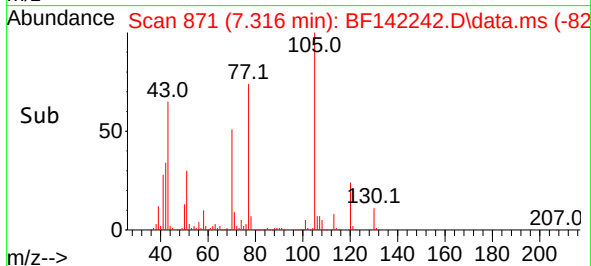
Tgt Ion: 70 Resp: 184770  
Ion Ratio Lower Upper  
70 100  
42 67.2 53.4 80.2  
101 9.2 7.7 11.5  
130 21.3 17.2 25.8

Manual Integrations

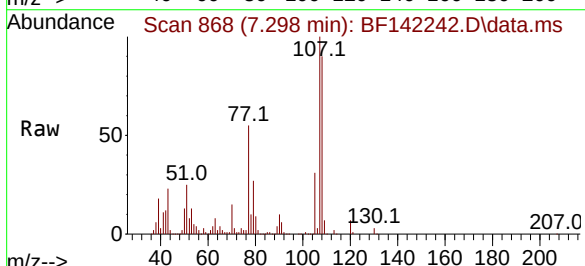
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

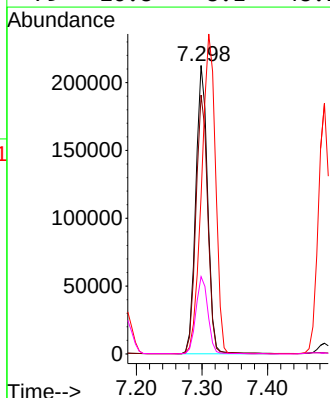
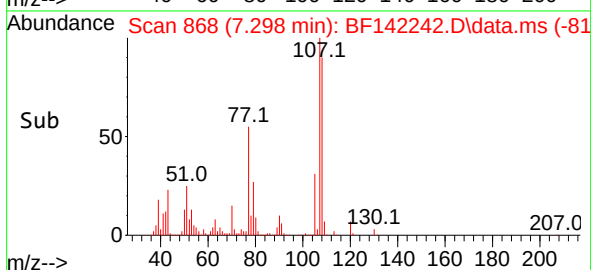
Supervised By :Jagrut Upadhyay 05/01/2025

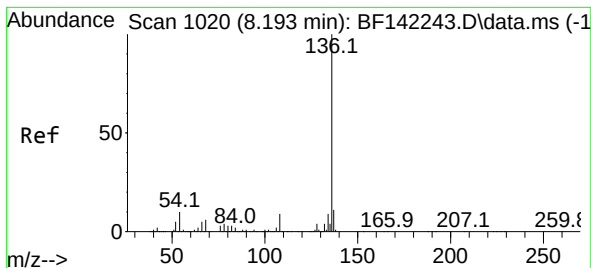


#20  
3+4-Methylphenols  
Concen: 20.700 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion:107 Resp: 267057  
Ion Ratio Lower Upper  
107 100  
108 89.7 71.2 111.2  
77 54.6 41.1 81.1  
79 26.8 8.1 48.1





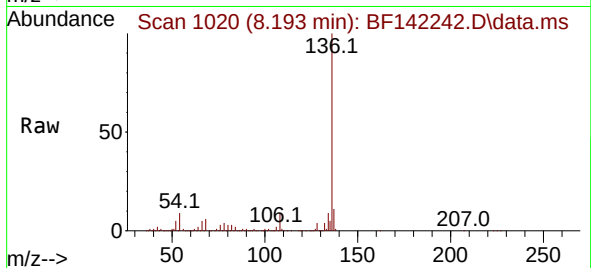
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.193 min Scan# 1020  
Delta R.T. -0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



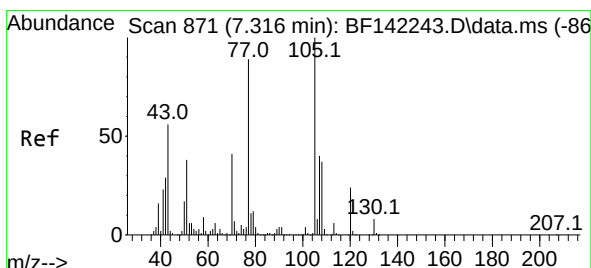
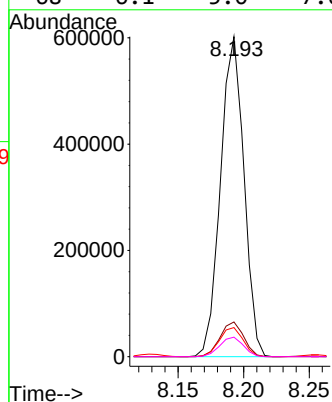
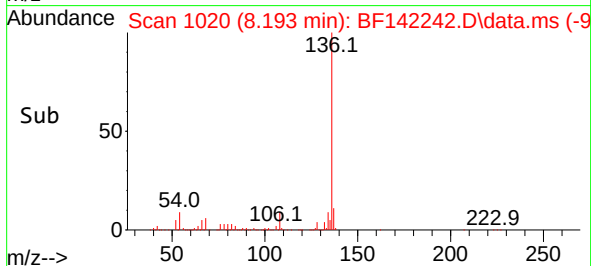
Tgt Ion:136 Resp: 74656  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 9.1 7.7 11.5  
68 6.1 5.0 7.6

Manual Integrations

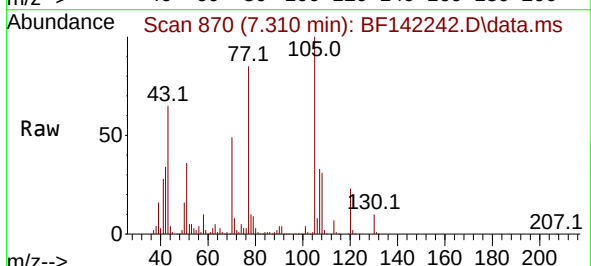
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

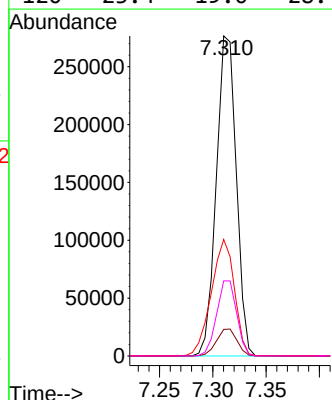
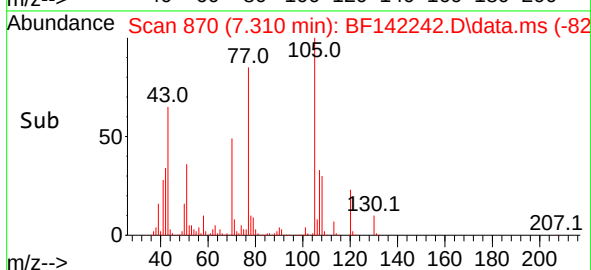
Supervised By :Jagrut Upadhyay 05/01/2025

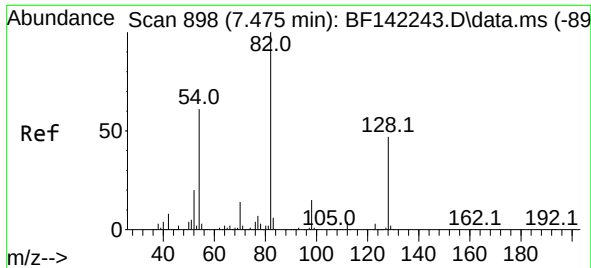


#22  
Acetophenone  
Concen: 20.872 ng  
RT: 7.310 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



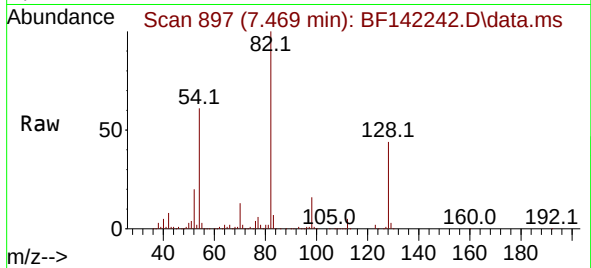
Tgt Ion:105 Resp: 360484  
Ion Ratio Lower Upper  
105 100  
71 8.3 5.7 8.5  
51 36.4 30.1 45.1  
120 23.4 19.0 28.4





#23  
Nitrobenzene-d5  
Concen: 39.673 ng  
RT: 7.469 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

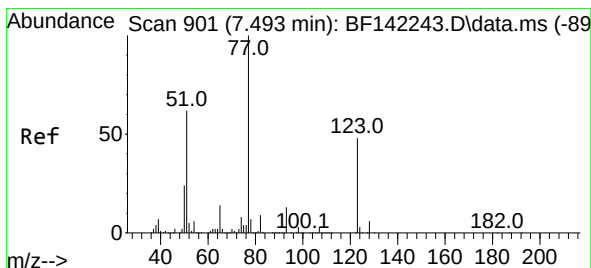
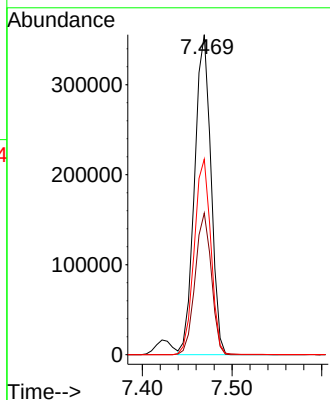
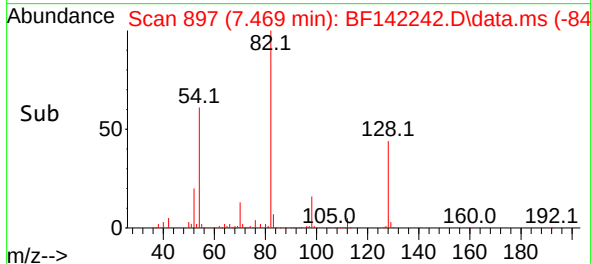
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 82 Resp: 45083  
Ion Ratio Lower Upper  
82 100  
128 44.3 37.0 55.6  
54 61.1 48.0 72.0

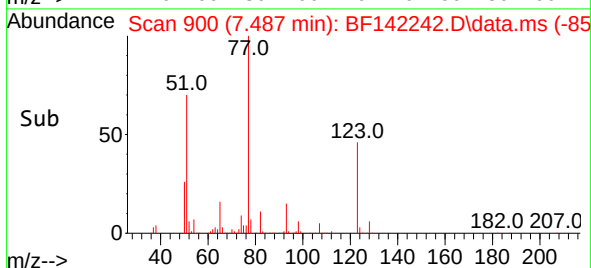
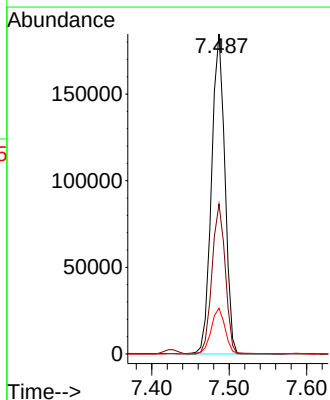
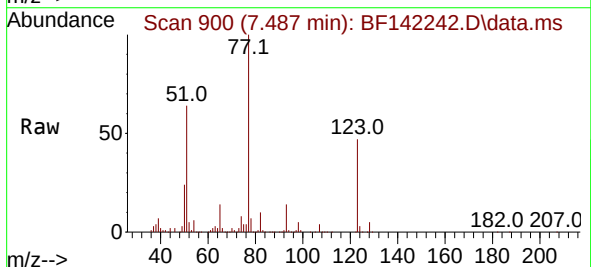
Manual Integrations  
APPROVED

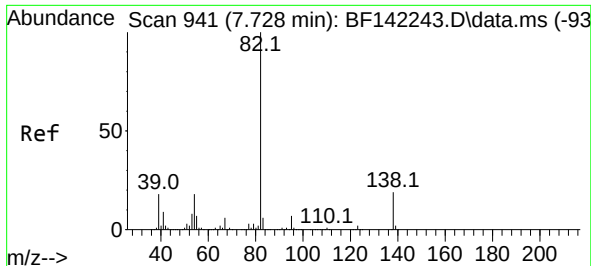
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



#24  
Nitrobenzene  
Concen: 19.865 ng  
RT: 7.487 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion: 77 Resp: 221499  
Ion Ratio Lower Upper  
77 100  
123 46.9 38.6 58.0  
65 14.3 11.5 17.3





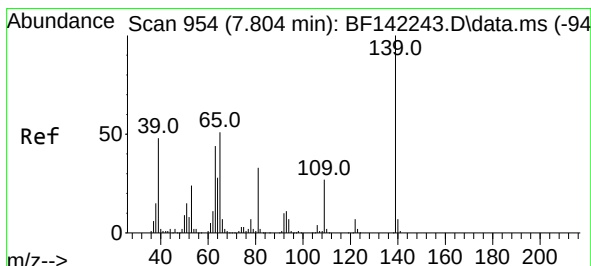
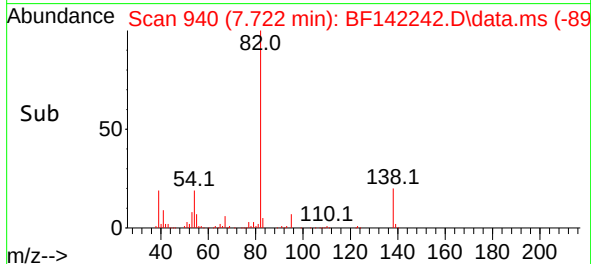
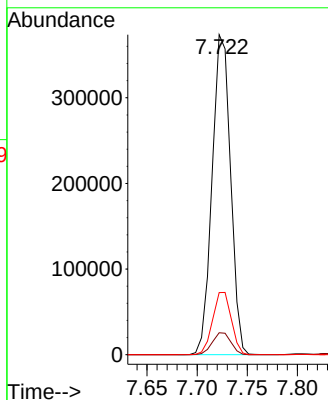
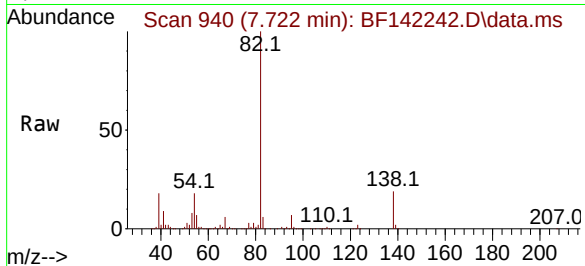
#25  
Isophorone  
Concen: 20.088 ng  
RT: 7.722 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 82 Resp: 479090  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.6 8.4  
138 19.4 15.3 22.9

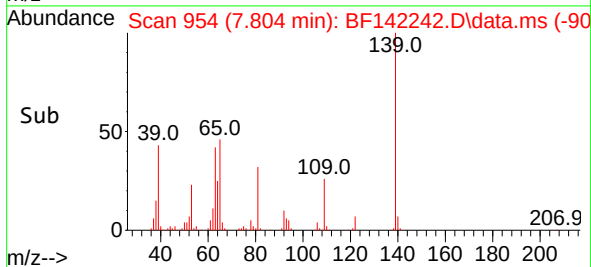
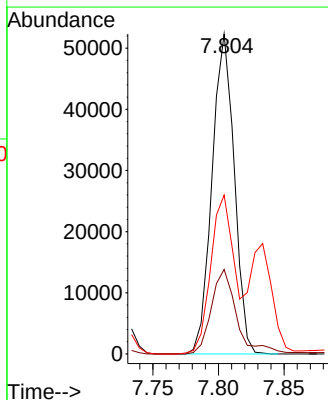
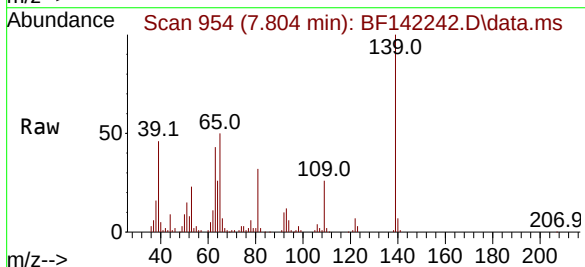
Manual Integrations  
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Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

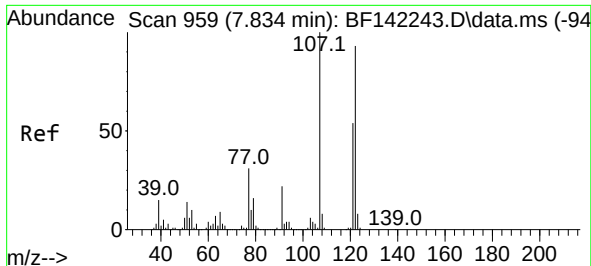


#26  
2-Nitrophenol  
Concen: 17.893 ng  
RT: 7.804 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion:139 Resp: 61615  
Ion Ratio Lower Upper  
139 100  
109 26.4 21.8 32.8  
65 49.6 41.1 61.7







#27

2,4-Dimethylphenol

Concen: 20.696 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142242.D

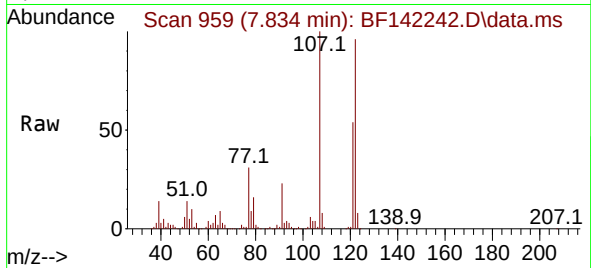
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



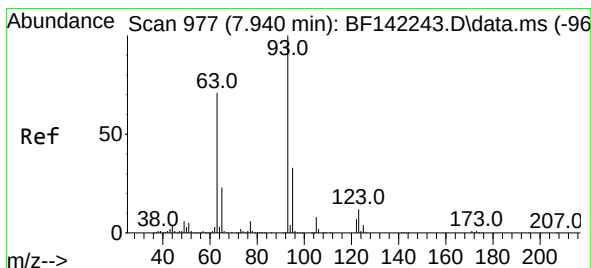
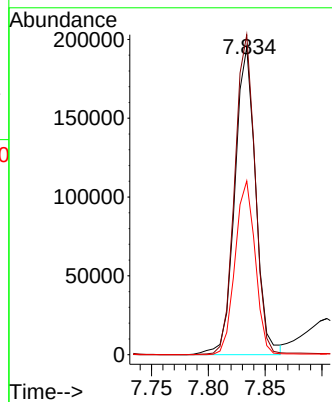
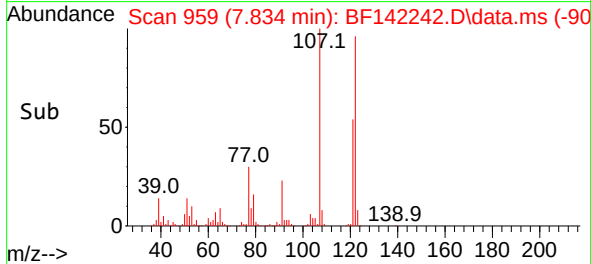
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 248864 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 104.1 | 86.0  | 129.0  |
| 121      | 56.5  | 46.3  | 69.5   |

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.549 ng

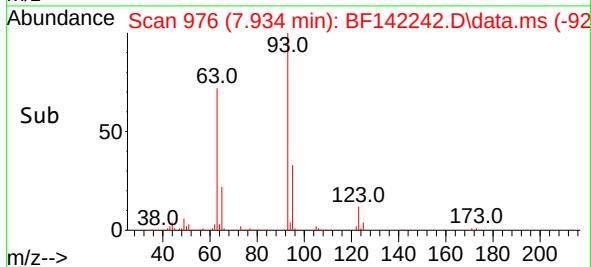
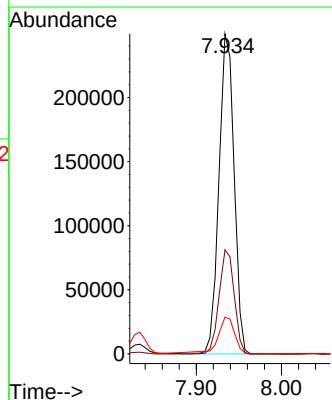
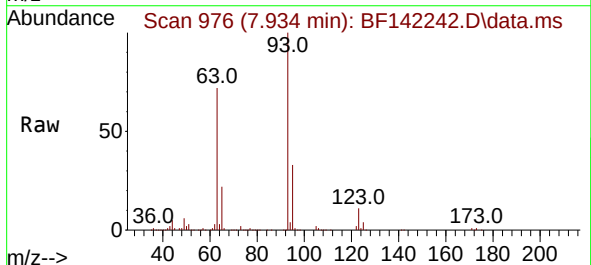
RT: 7.934 min Scan# 976

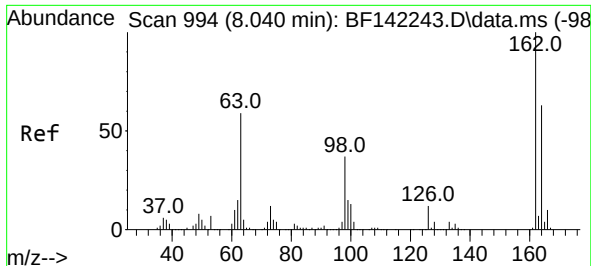
Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 309073 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.6  | 26.2  | 39.2   |
| 123      | 11.5  | 9.7   | 14.5   |





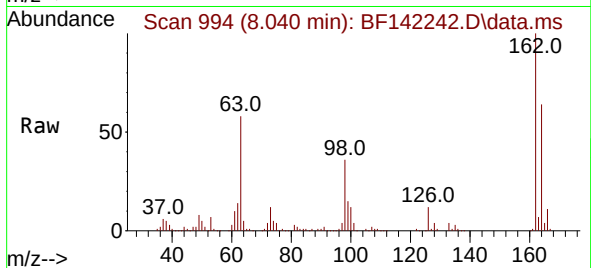
#29  
2,4-Dichlorophenol  
Concen: 20.374 ng  
RT: 8.040 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

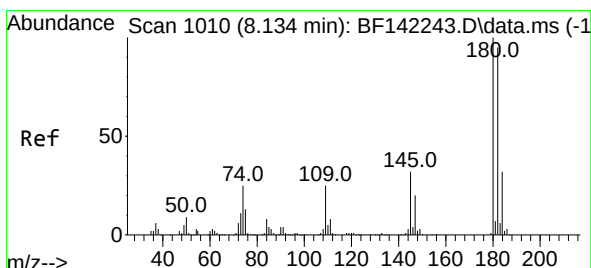
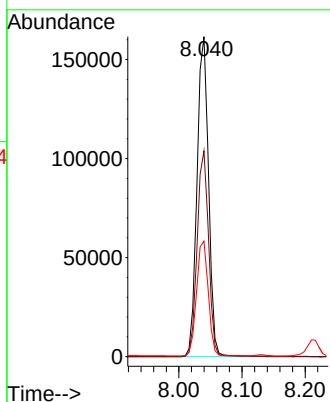
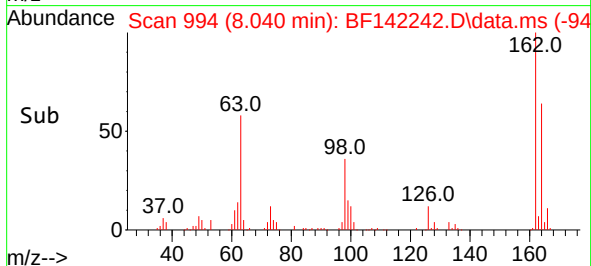


Tgt Ion:162 Resp: 20482  
Ion Ratio Lower Upper  
162 100  
164 64.3 43.0 83.0  
98 36.1 16.7 56.7

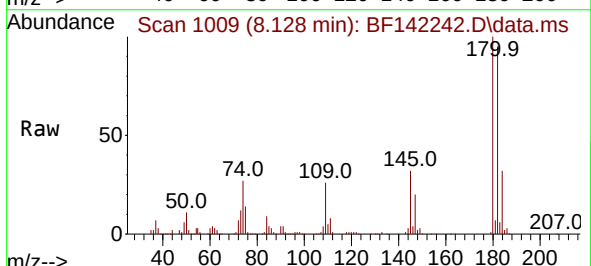
Manual Integrations

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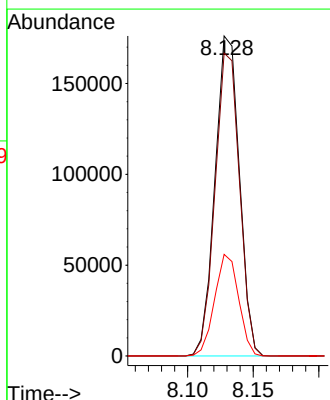
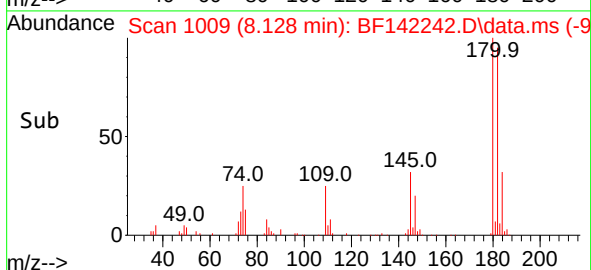
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

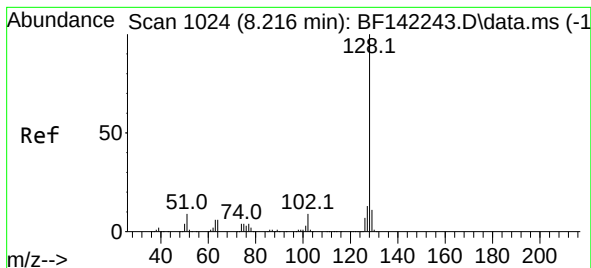


#30  
1,2,4-Trichlorobenzene  
Concen: 20.315 ng  
RT: 8.128 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion:180 Resp: 227898  
Ion Ratio Lower Upper  
180 100  
182 94.7 75.7 113.5  
145 31.7 25.4 38.0





#31

Naphthalene

Concen: 20.758 ng

RT: 8.210 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

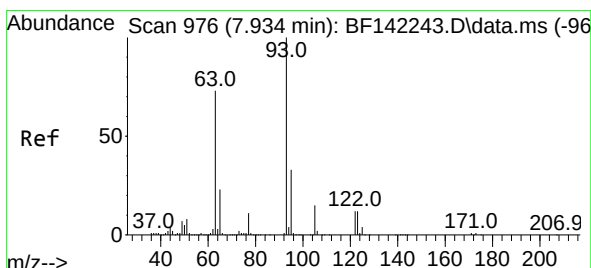
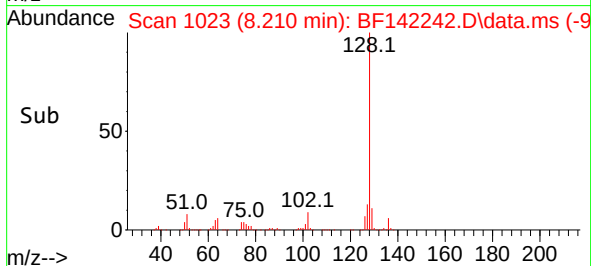
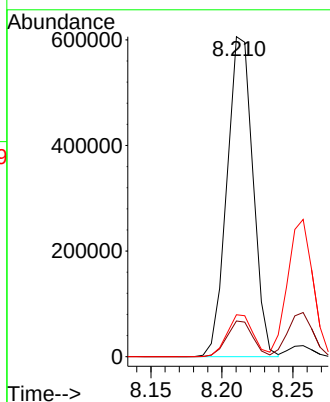
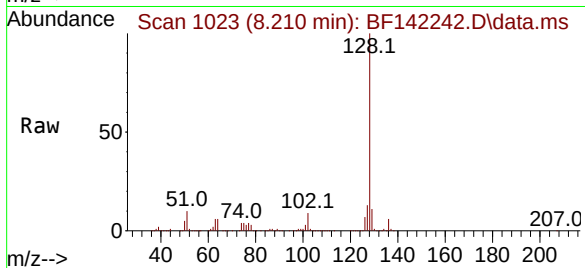
Tgt Ion:128 Resp: 772835  
 Ion Ratio Lower Upper  
 128 100  
 129 11.2 9.0 13.4  
 127 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#32

Benzoic acid

Concen: 19.412 ng m

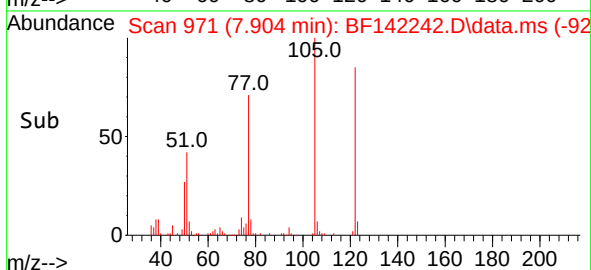
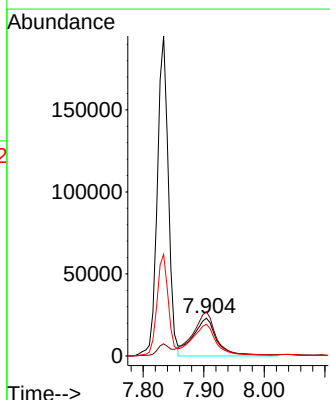
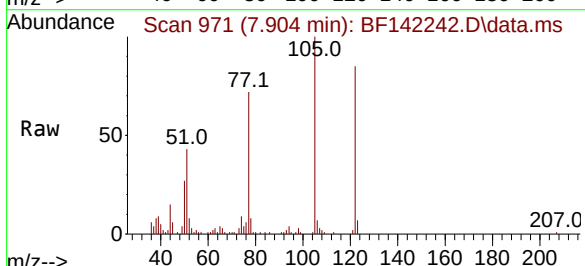
RT: 7.904 min Scan# 971

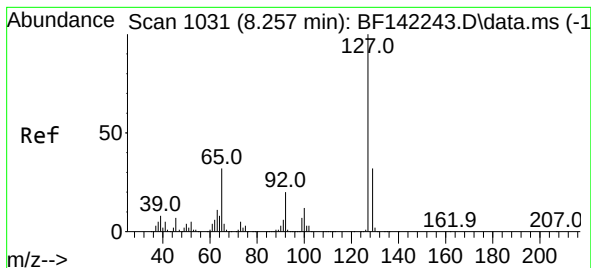
Delta R.T. -0.030 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

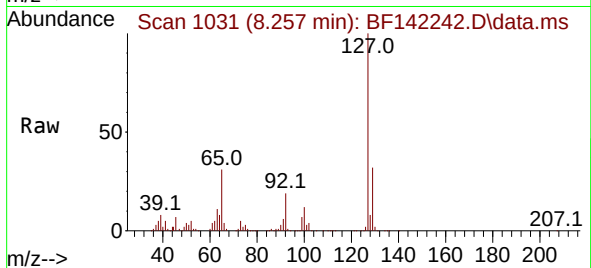
Tgt Ion:122 Resp: 64656  
 Ion Ratio Lower Upper  
 122 100  
 105 117.1 98.2 138.2  
 77 84.0 66.8 106.8





#33  
4-Chloroaniline  
Concen: 20.654 ng  
RT: 8.257 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

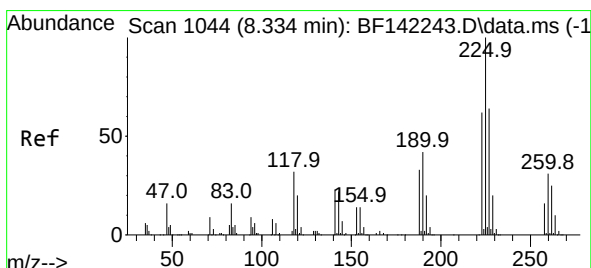
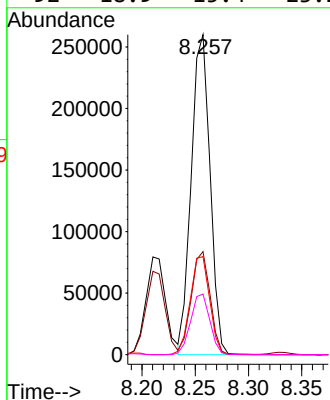
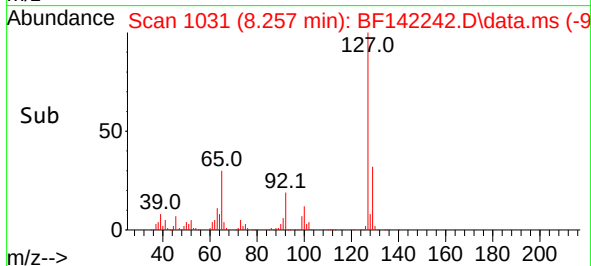
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:127 Resp: 320218  
Ion Ratio Lower Upper  
127 100  
129 32.2 26.1 39.1  
65 30.7 25.5 38.3  
92 18.9 15.4 23.2

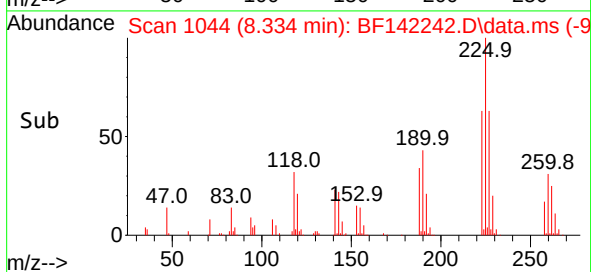
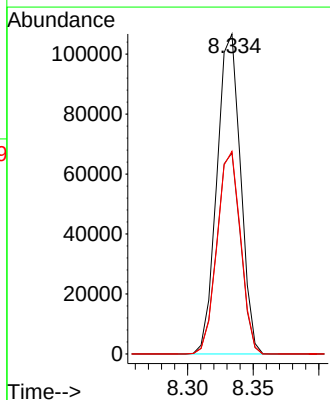
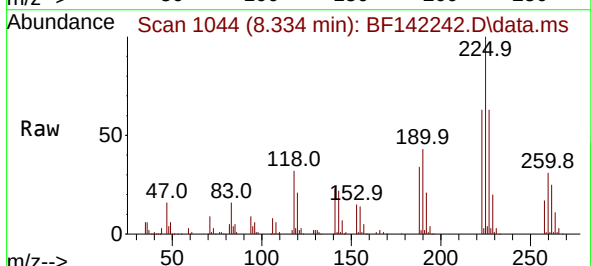
Manual Integrations  
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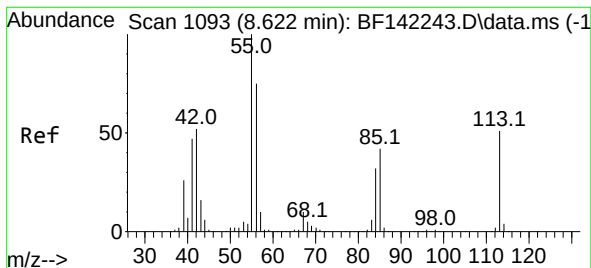
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



#34  
Hexachlorobutadiene  
Concen: 20.393 ng  
RT: 8.334 min Scan# 1044  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion:225 Resp: 133474  
Ion Ratio Lower Upper  
225 100  
223 62.8 49.7 74.5  
227 63.4 51.0 76.4





#35

Caprolactam

Concen: 20.118 ng

RT: 8.604 min Scan# 1109

Delta R.T. -0.018 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

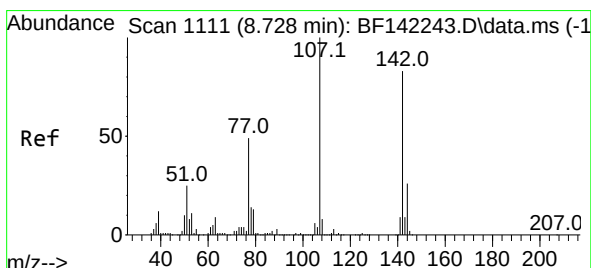
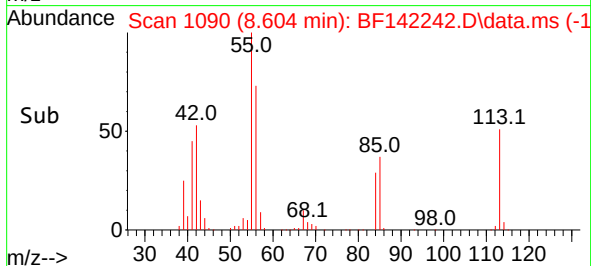
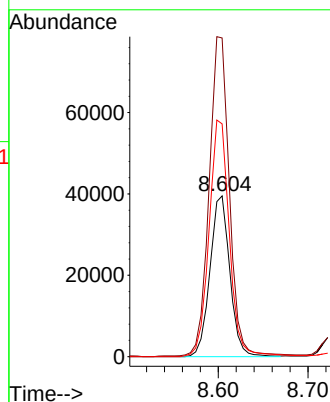
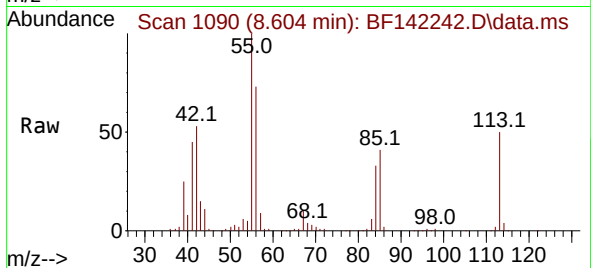
Tgt Ion:113 Resp: 60791  
 Ion Ratio Lower Upper  
 113 100  
 55 198.2 177.7 217.7  
 56 144.8 127.1 167.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#36

4-Chloro-3-methylphenol

Concen: 20.190 ng

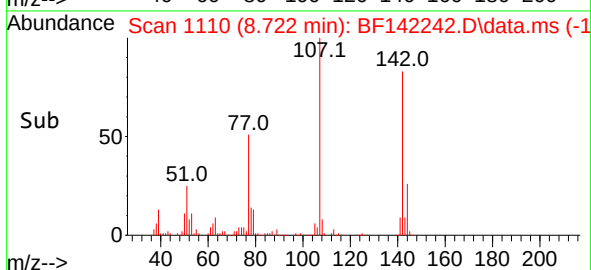
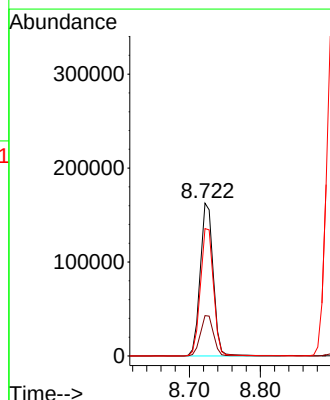
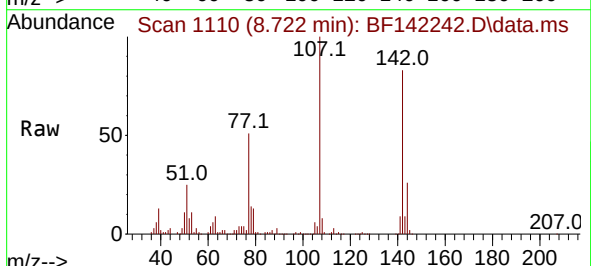
RT: 8.722 min Scan# 1110

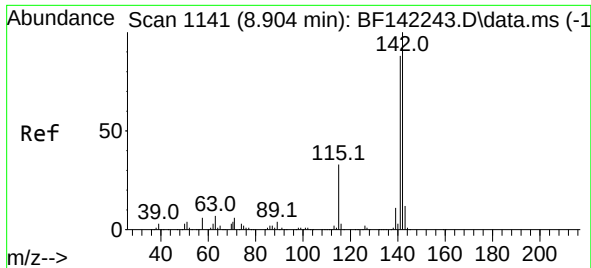
Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Tgt Ion:107 Resp: 208419  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 21.0 31.4  
 142 83.4 66.1 99.1





#37

2-Methylnaphthalene

Concen: 20.658 ng

RT: 8.904 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 472890

Ion Ratio Lower Upper

142 100

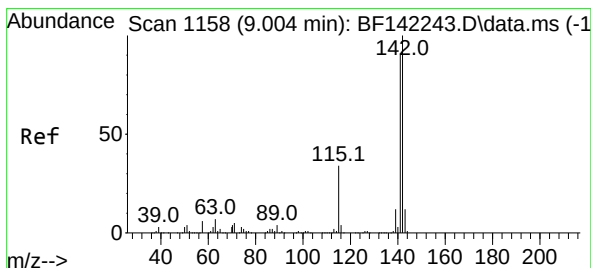
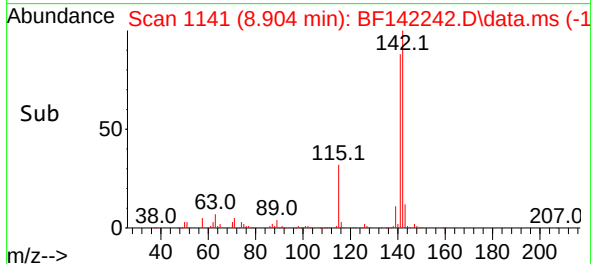
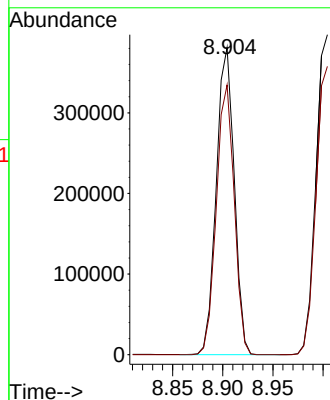
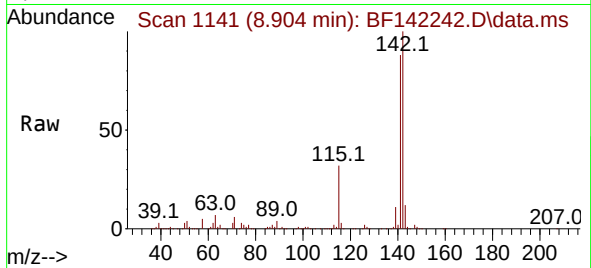
141 87.8 70.5 105.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#38

1-Methylnaphthalene

Concen: 20.985 ng

RT: 9.004 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF142242.D

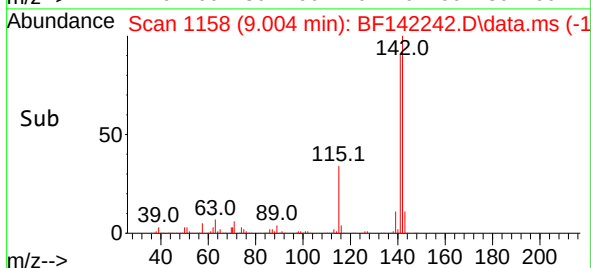
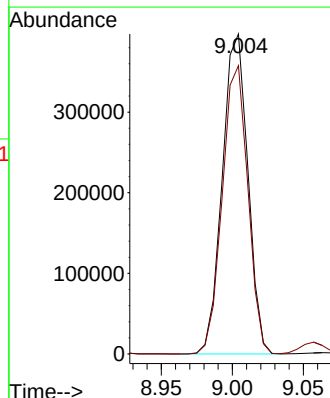
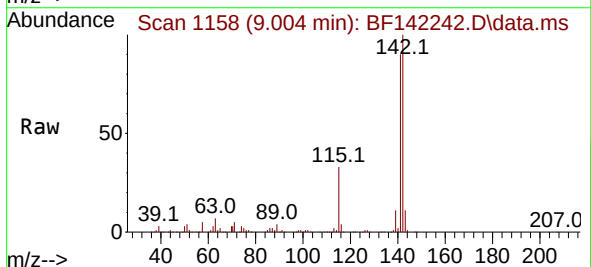
Acq: 30 Apr 2025 12:49

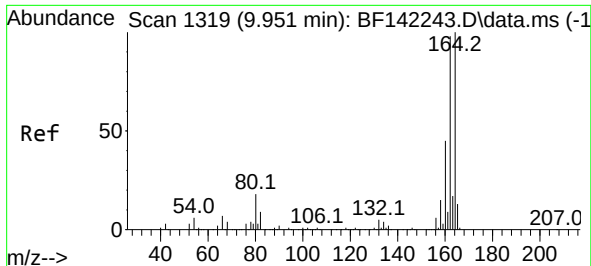
Tgt Ion:142 Resp: 497635

Ion Ratio Lower Upper

142 100

141 90.1 72.8 109.2





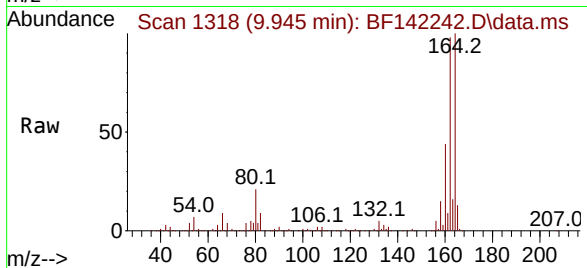
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.945 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



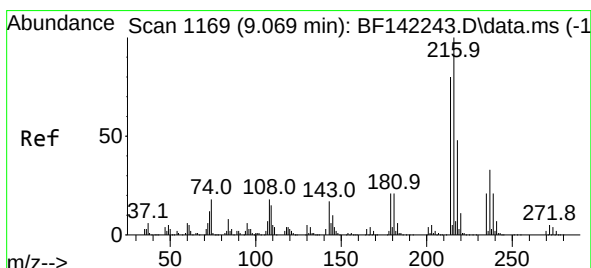
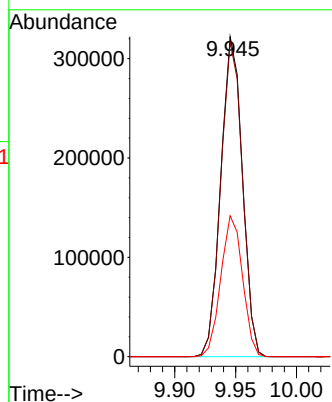
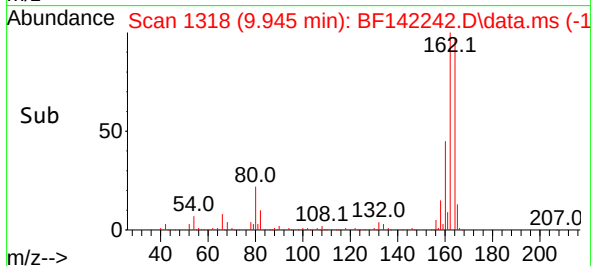
Tgt Ion:164 Resp: 398809  
Ion Ratio Lower Upper  
164 100  
162 98.3 78.6 117.8  
160 44.1 35.7 53.5

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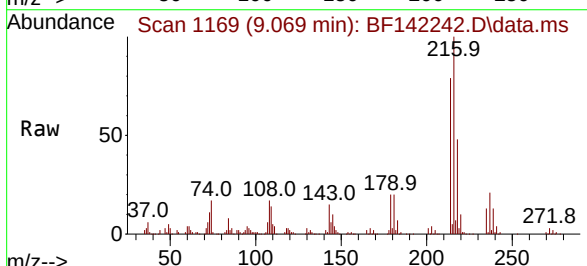
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Reviewed By :Rahul Chavli 05/01/2025

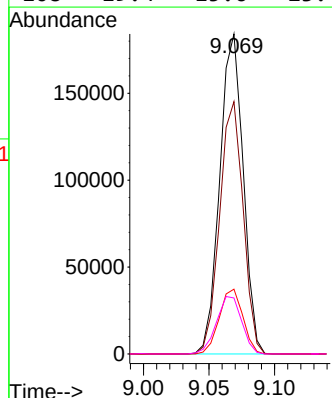
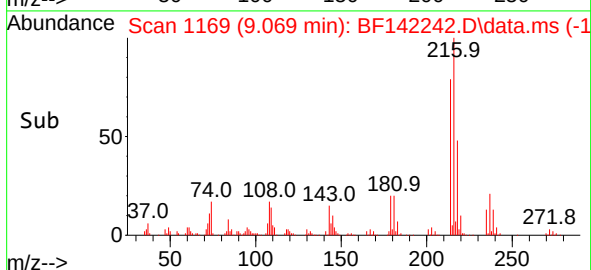
Supervised By :Jagrut Upadhyay 05/01/2025

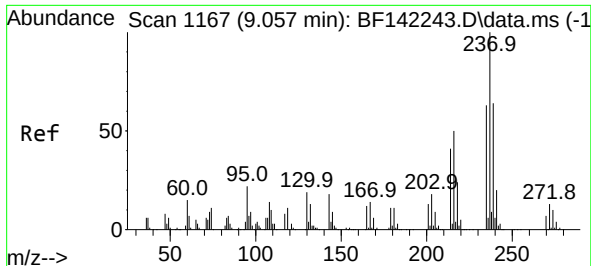


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 20.342 ng  
RT: 9.069 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



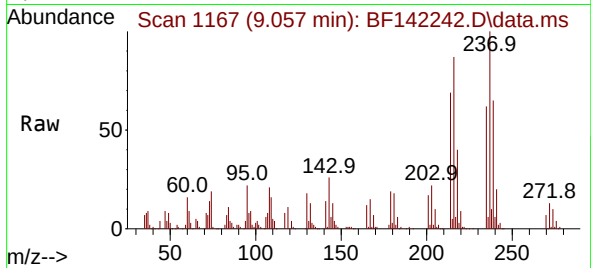
Tgt Ion:216 Resp: 228311  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.8 95.6  
179 20.5 16.7 25.1  
108 19.4 15.6 23.4





#41  
Hexachlorocyclopentadiene  
Concen: 19.145 ng  
RT: 9.057 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

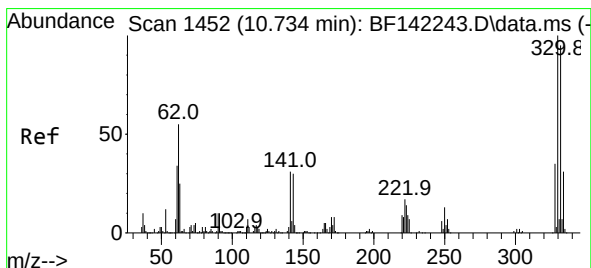
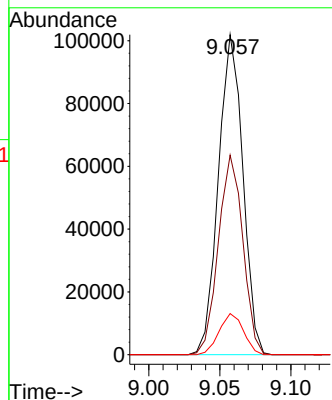
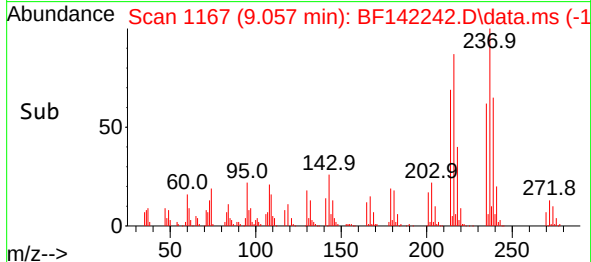
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



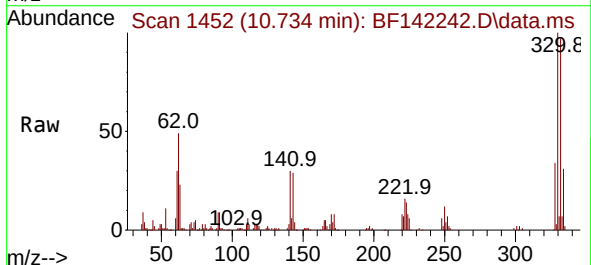
Tgt Ion:237 Resp: 12195  
Ion Ratio Lower Upper  
237 100  
235 62.4 43.5 83.5  
272 12.8 0.0 32.9

Manual Integrations  
APPROVED

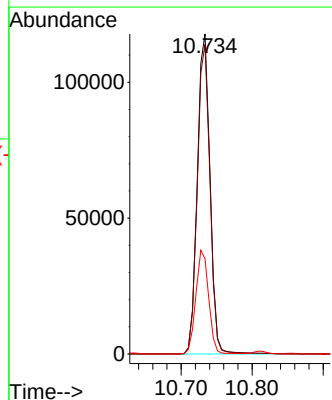
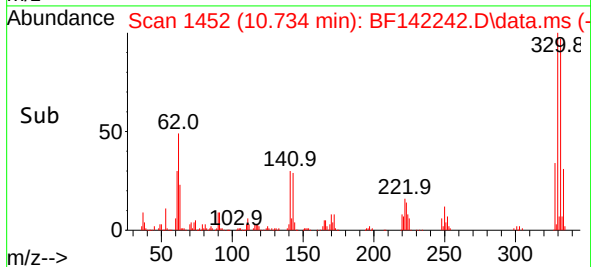
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



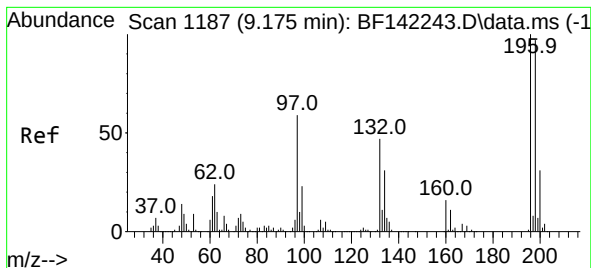
#42  
2,4,6-Tribromophenol  
Concen: 40.372 ng  
RT: 10.734 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion:330 Resp: 146779  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.5 114.7  
141 32.8 24.3 36.5

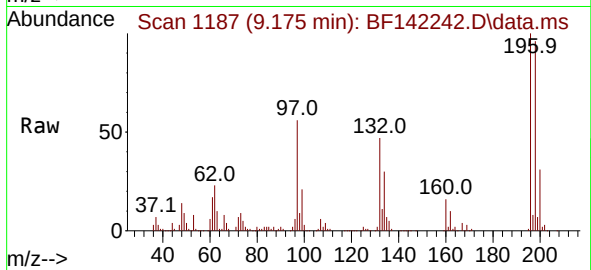






#43  
2,4,6-Trichlorophenol  
Concen: 20.246 ng  
RT: 9.175 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

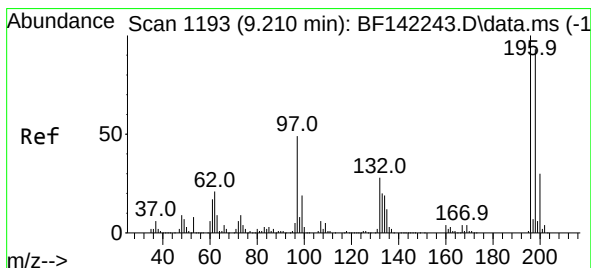
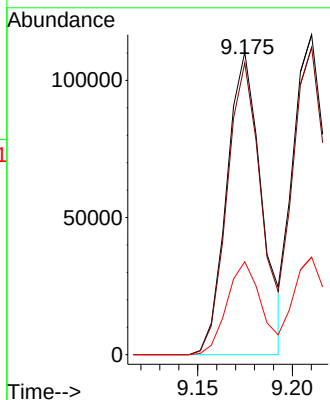
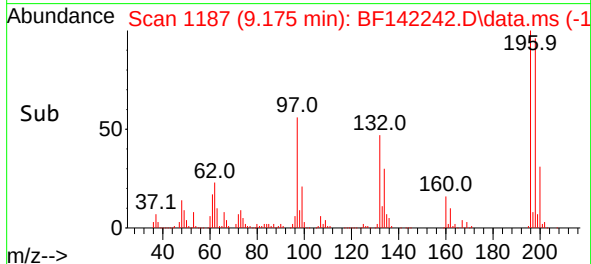
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



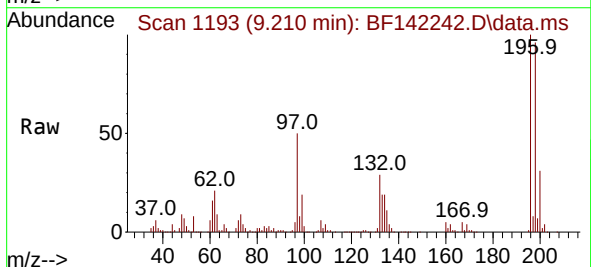
Tgt Ion:196 Resp: 14080  
Ion Ratio Lower Upper  
196 100  
198 96.4 77.4 116.2  
200 30.7 24.6 37.0

Manual Integrations  
APPROVED

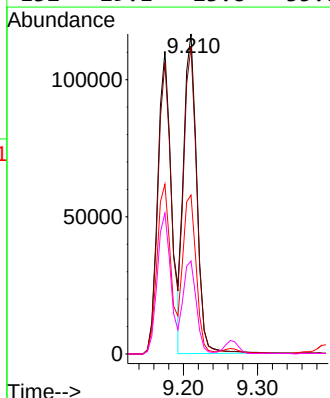
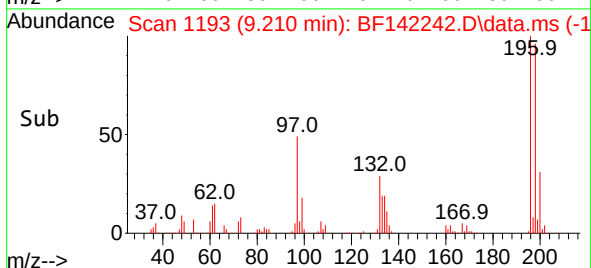
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

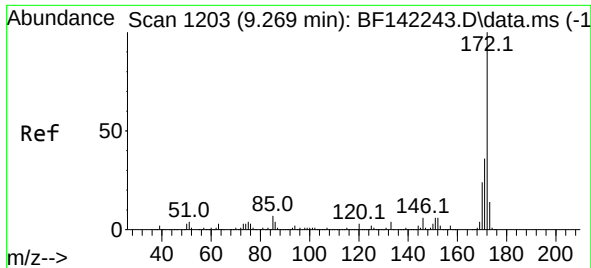


#44  
2,4,5-Trichlorophenol  
Concen: 19.756 ng  
RT: 9.210 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



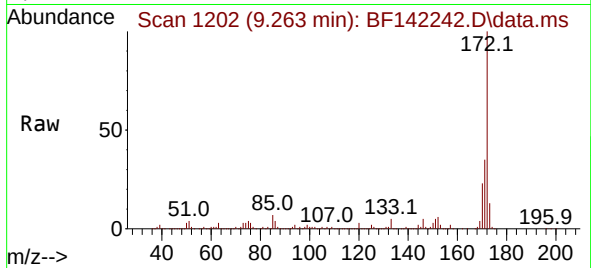
Tgt Ion:196 Resp: 144462  
Ion Ratio Lower Upper  
196 100  
198 96.1 75.2 112.8  
97 49.7 39.8 59.8  
132 29.1 23.8 35.8





#45  
2-Fluorobiphenyl  
Concen: 42.876 ng  
RT: 9.263 min Scan# 1202  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

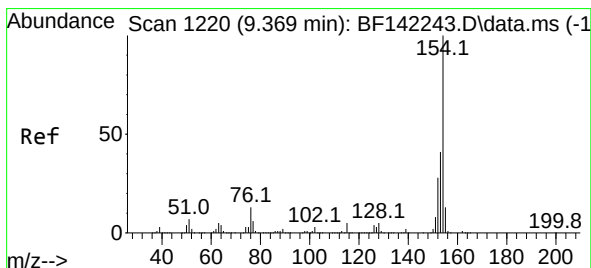
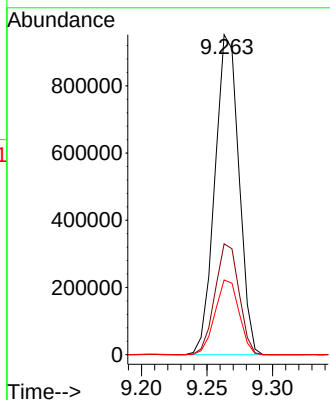
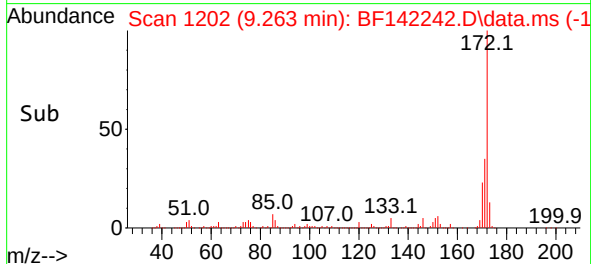
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



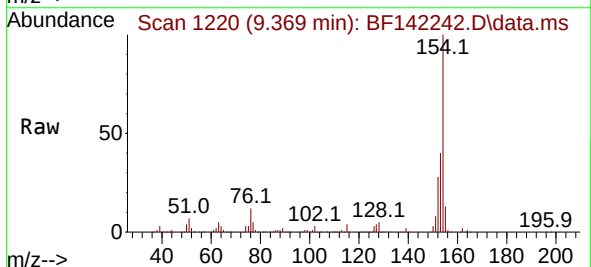
Tgt Ion:172 Resp: 121274  
Ion Ratio Lower Upper  
172 100  
171 34.7 29.0 43.4  
170 23.3 19.4 29.0

Manual Integrations  
APPROVED

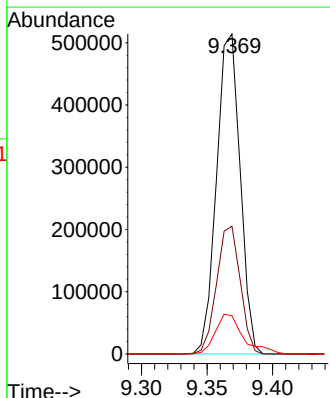
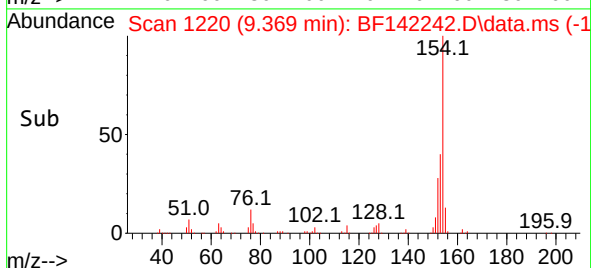
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

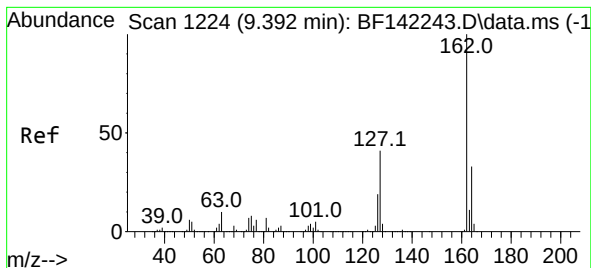


#46  
1,1'-Biphenyl  
Concen: 20.740 ng  
RT: 9.369 min Scan# 1220  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion:154 Resp: 643017  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.5 60.5  
76 12.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 20.588 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 47489

Ion Ratio Lower Upper

162 100

127 39.1 32.6 49.0

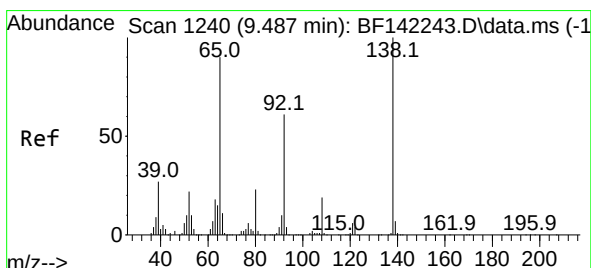
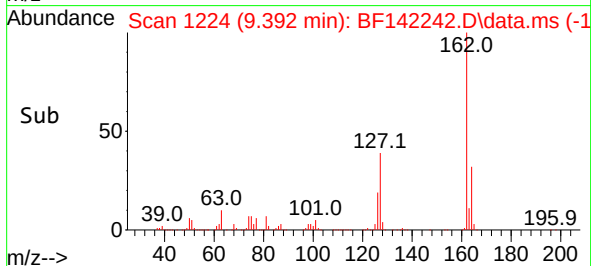
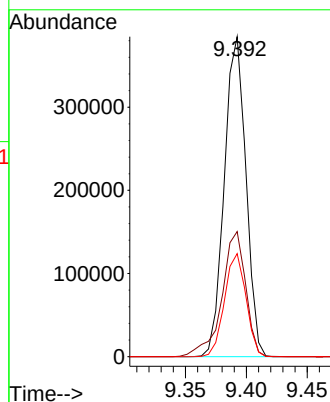
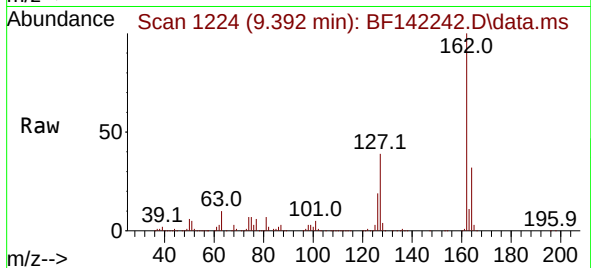
164 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 18.213 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

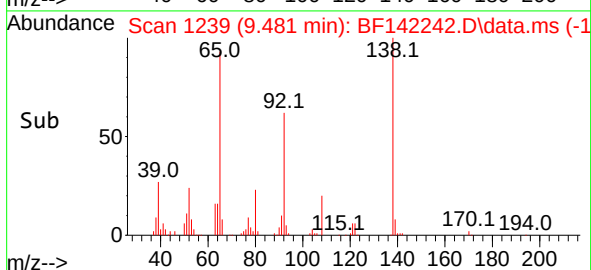
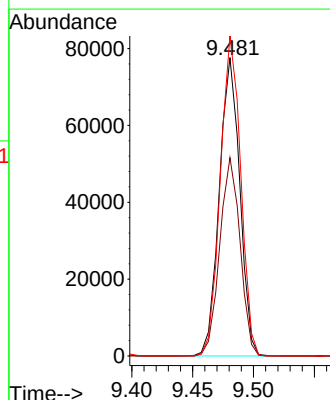
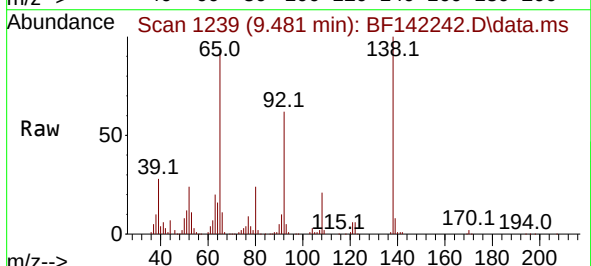
Tgt Ion: 65 Resp: 90798

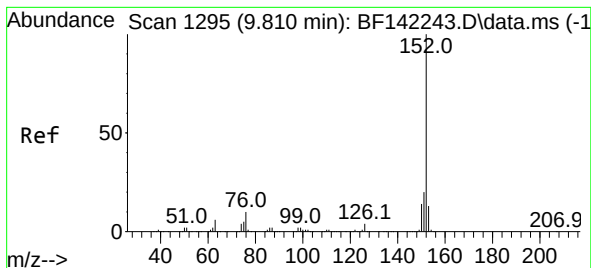
Ion Ratio Lower Upper

65 100

92 66.4 54.3 81.5

138 107.2 88.6 133.0





#49

Acenaphthylene

Concen: 20.749 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142242.D

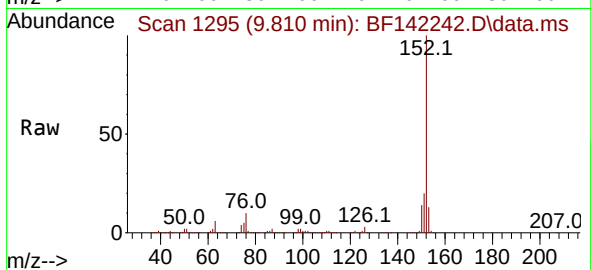
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 807654

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

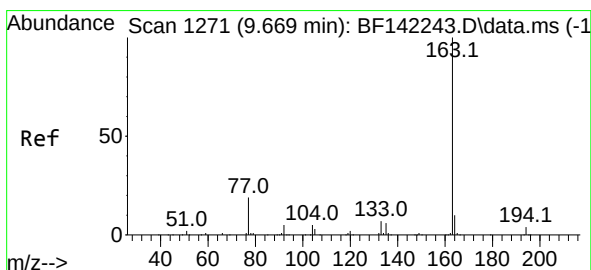
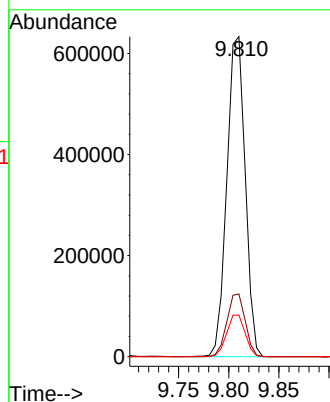
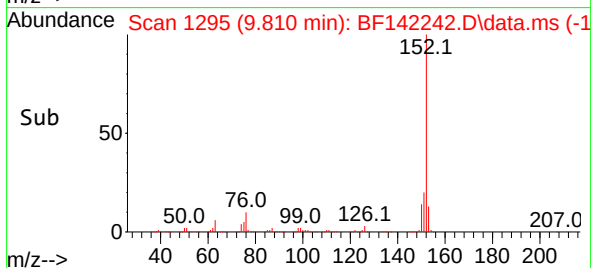
153 13.0 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#50

Dimethylphthalate

Concen: 20.334 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

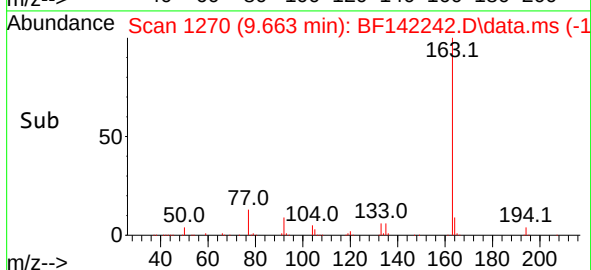
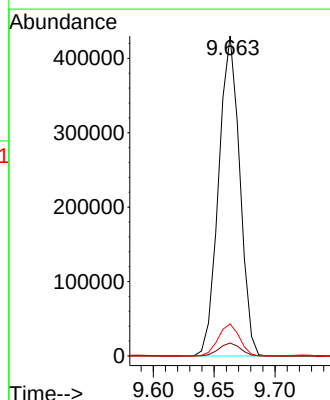
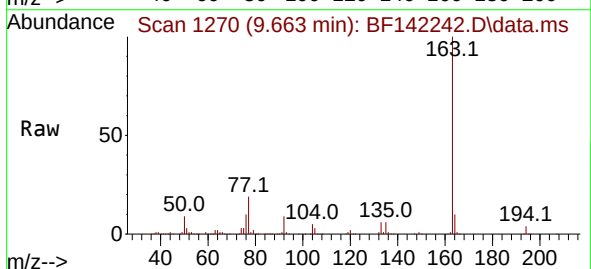
Tgt Ion:163 Resp: 518802

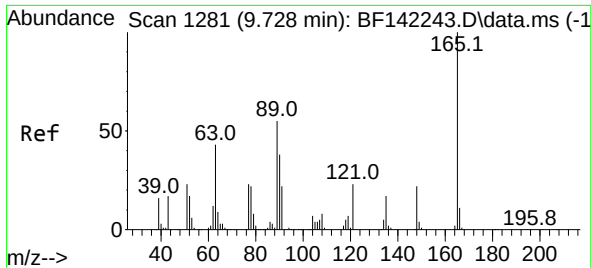
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.0 8.2 12.2





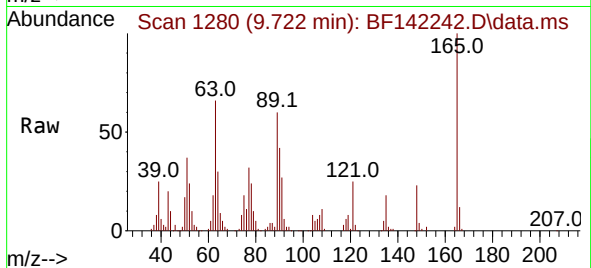
#51  
2,6-Dinitrotoluene  
Concen: 18.432 ng  
RT: 9.722 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

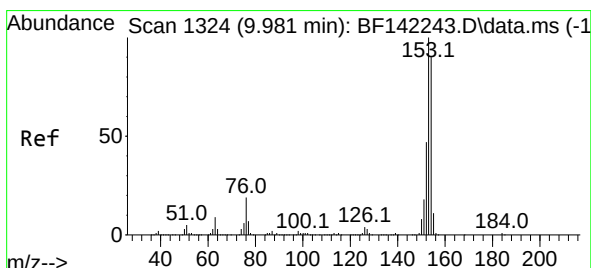
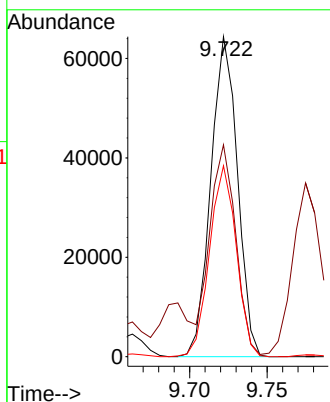
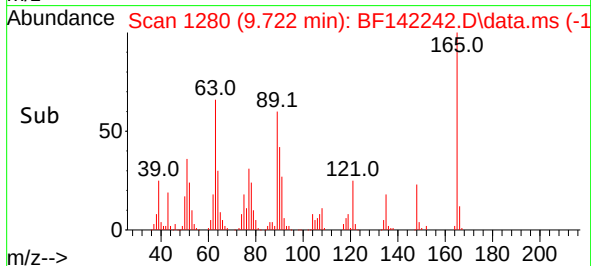


Tgt Ion:165 Resp: 7695  
Ion Ratio Lower Upper  
165 100  
63 66.2 48.5 72.7  
89 59.6 43.9 65.9

Manual Integrations

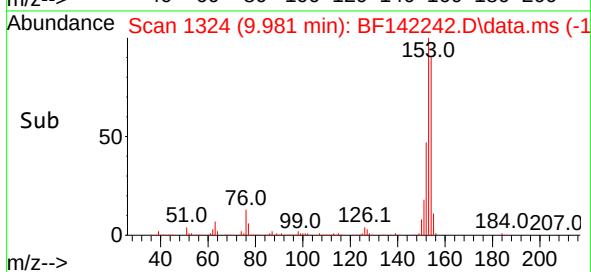
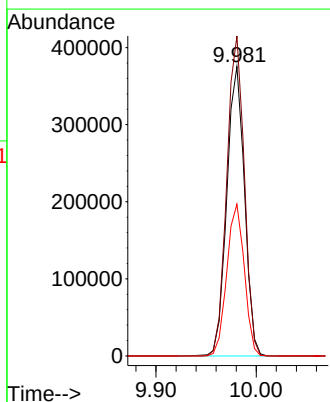
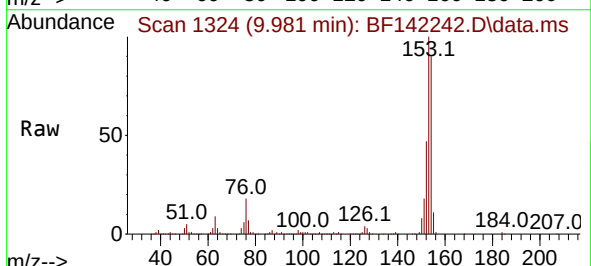
APPROVED

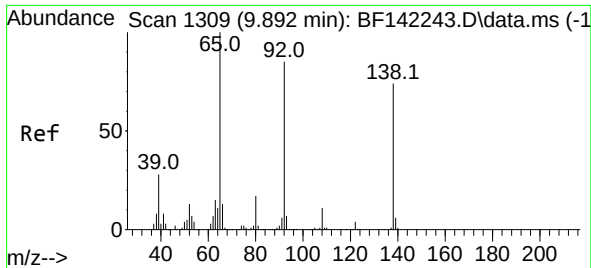
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



#52  
Acenaphthene  
Concen: 20.281 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion:154 Resp: 460927  
Ion Ratio Lower Upper  
154 100  
153 110.6 88.6 133.0  
152 52.4 42.1 63.1





#53  
3-Nitroaniline  
Concen: 18.959 ng  
RT: 9.892 min Scan# 1309  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

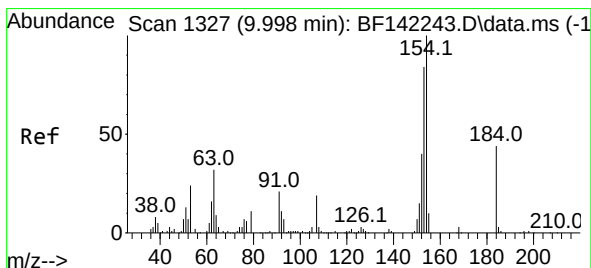
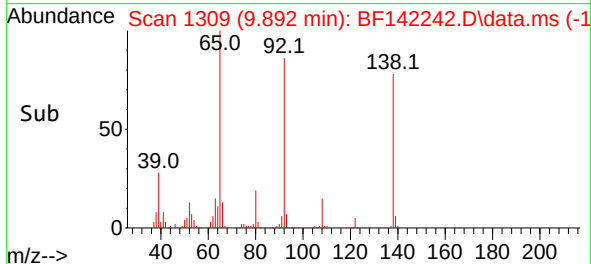
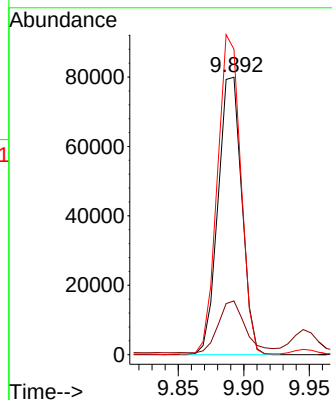
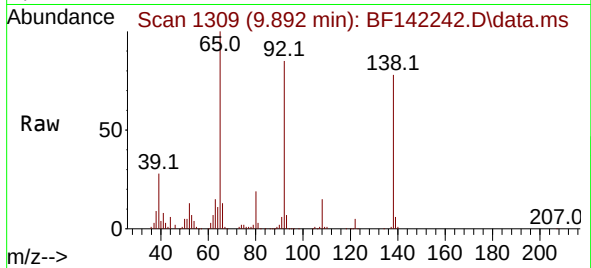
Tgt Ion:138 Resp: 100560  
Ion Ratio Lower Upper  
138 100  
108 19.4 11.7 17.5  
92 110.1 91.2 136.8

Manual Integrations

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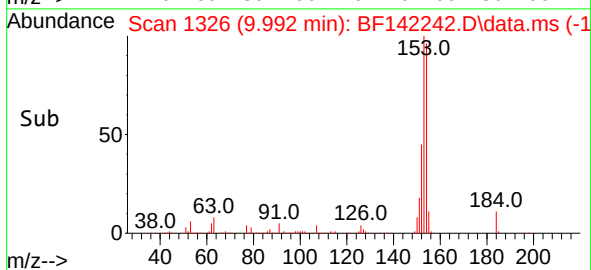
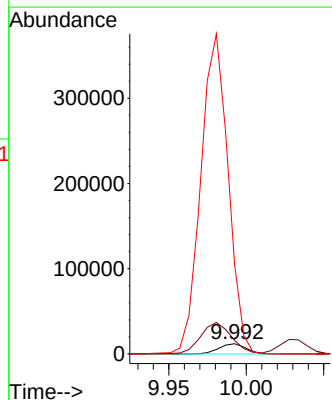
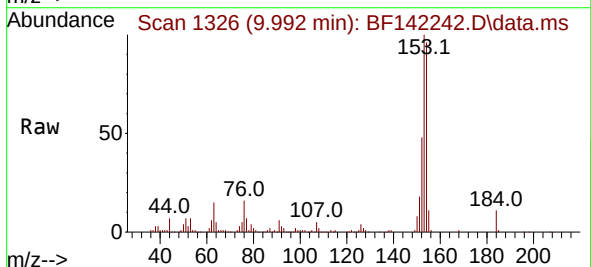
Reviewed By :Rahul Chavli 05/01/2025

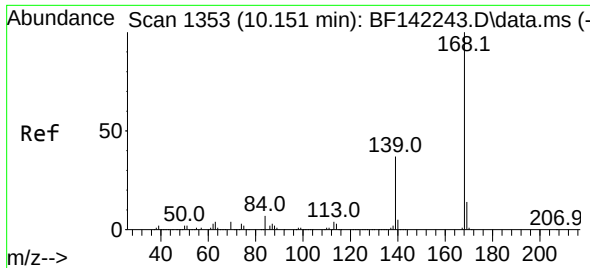
Supervised By :Jagrut Upadhyay 05/01/2025



#54  
2,4-Dinitrophenol  
Concen: 18.804 ng  
RT: 9.992 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

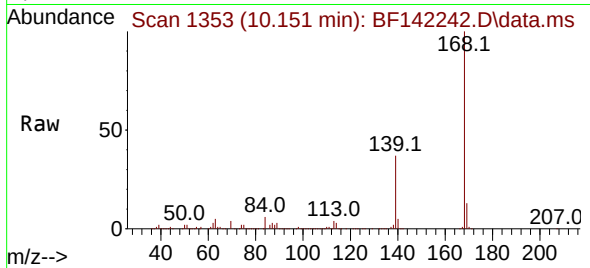
Tgt Ion:184 Resp: 14553  
Ion Ratio Lower Upper  
184 100  
63 131.7 69.2 103.8#  
154 869.6 271.4 407.2#





#55  
Dibenzenofuran  
Concen: 20.493 ng  
RT: 10.151 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

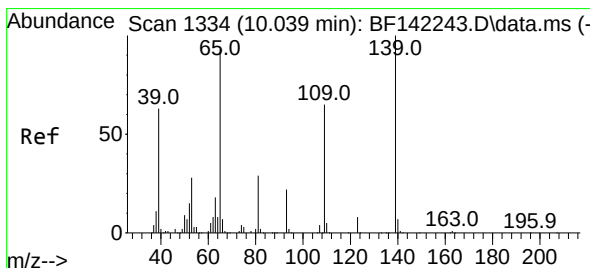
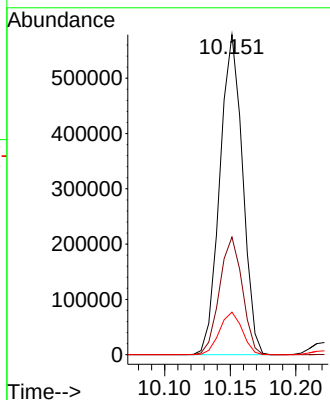
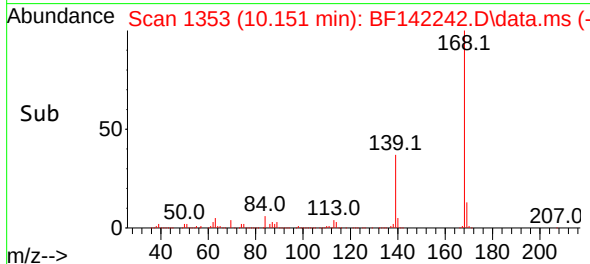
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



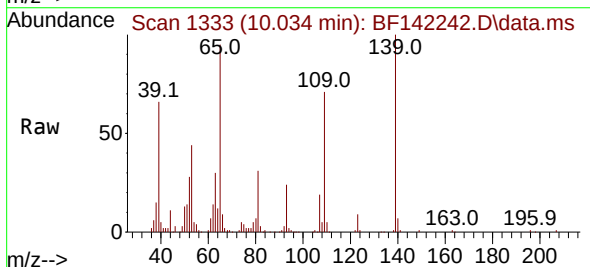
Tgt Ion:168 Resp: 69815  
Ion Ratio Lower Upper  
168 100  
139 36.8 29.4 44.0  
169 13.3 11.0 16.4

Manual Integrations  
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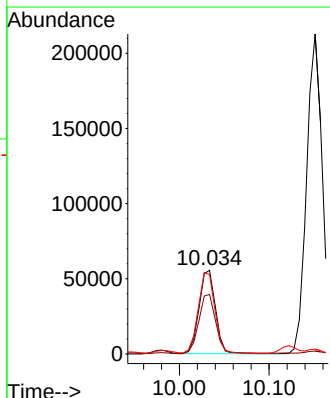
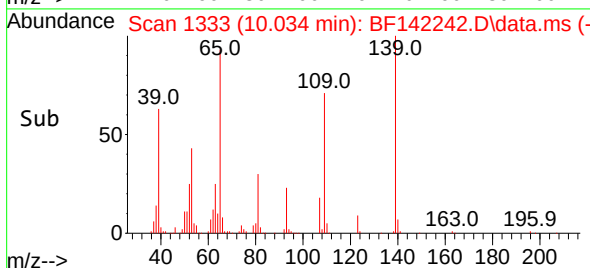
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

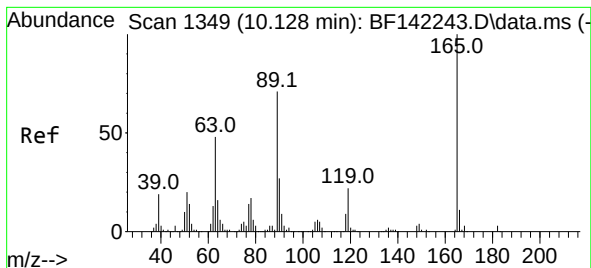


#56  
4-Nitrophenol  
Concen: 17.561 ng  
RT: 10.034 min Scan# 1333  
Delta R.T. -0.005 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion:139 Resp: 70423  
Ion Ratio Lower Upper  
139 100  
109 71.2 44.9 84.9  
65 94.8 74.7 114.7





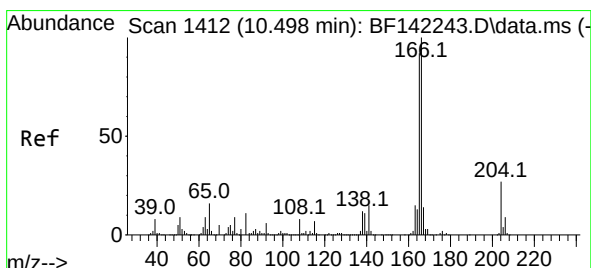
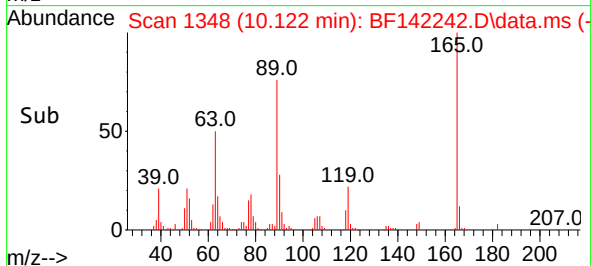
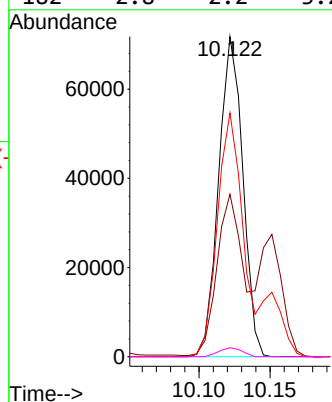
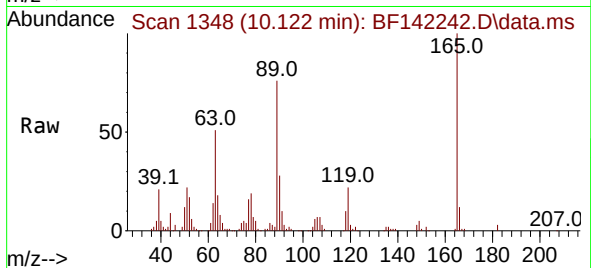
#57  
2,4-Dinitrotoluene  
Concen: 17.844 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:165 Resp: 8481  
Ion Ratio Lower Upper  
165 100  
63 50.7 38.8 58.2  
89 76.2 57.1 85.7  
182 2.8 2.2 3.2

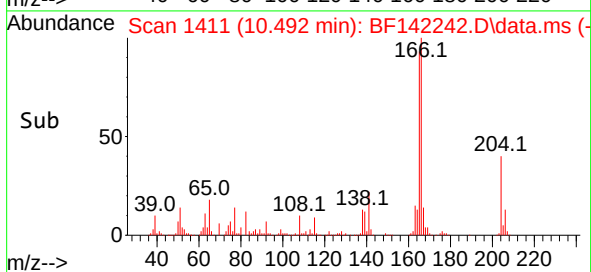
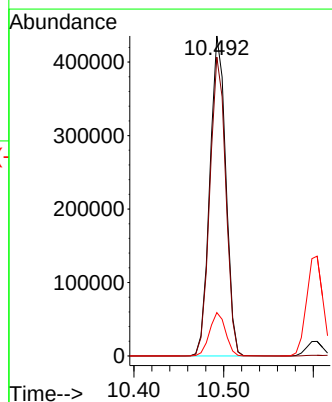
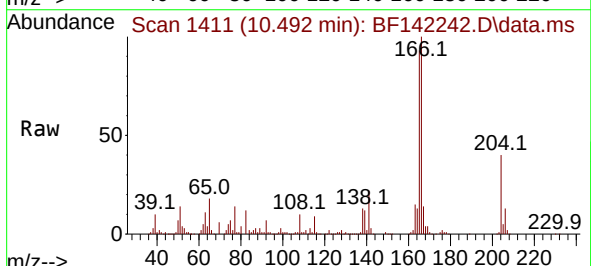
Manual Integrations  
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Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

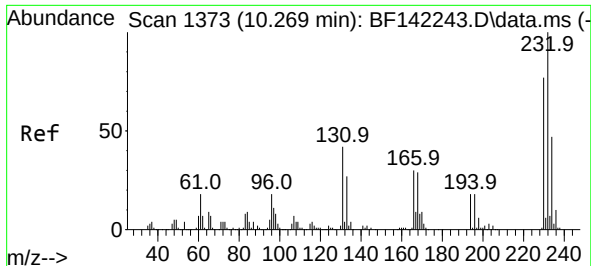


#58  
Fluorene  
Concen: 20.793 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion:166 Resp: 538647  
Ion Ratio Lower Upper  
166 100  
165 93.4 73.9 110.9  
167 13.6 10.8 16.2

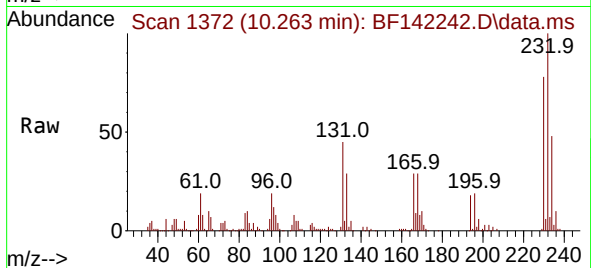






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.530 ng  
RT: 10.263 min Scan# 1372  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

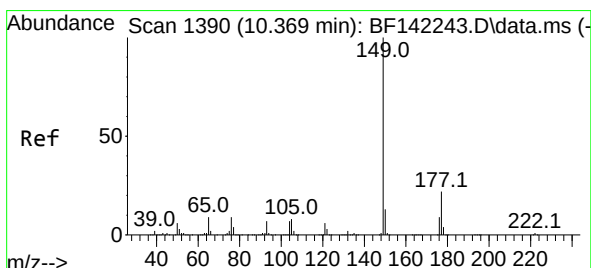
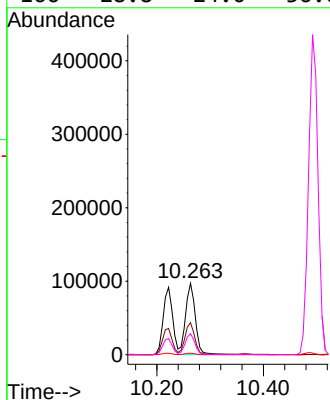
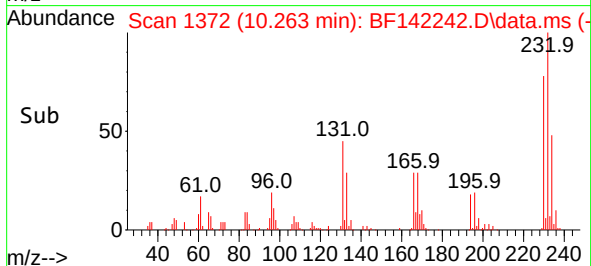
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



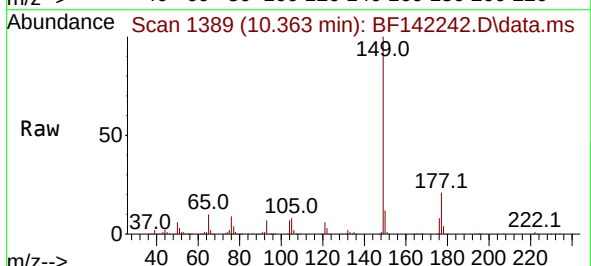
Tgt Ion:232 Resp: 124351  
Ion Ratio Lower Upper  
232 100  
131 45.0 35.9 53.9  
130 2.1 1.8 2.6  
166 28.8 24.0 36.0

Manual Integrations  
APPROVED

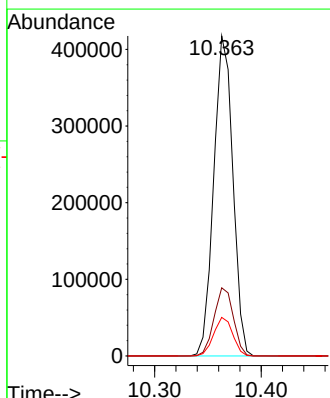
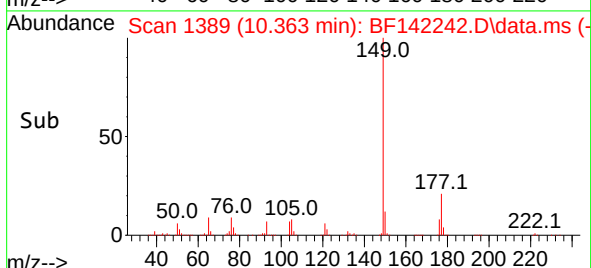
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

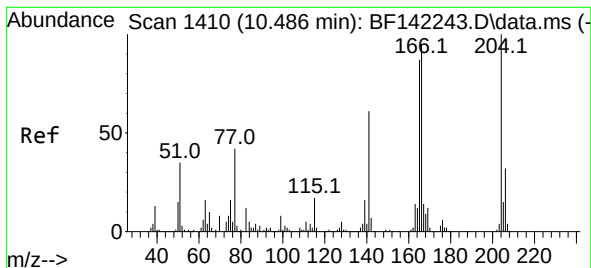


#60  
Diethylphthalate  
Concen: 20.611 ng  
RT: 10.363 min Scan# 1389  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



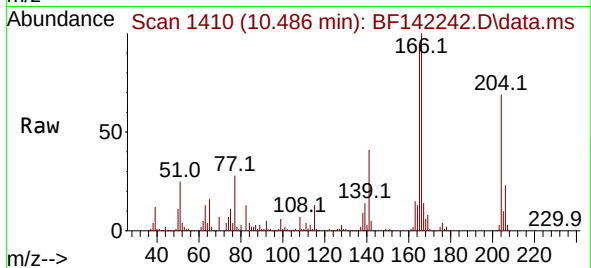
Tgt Ion:149 Resp: 519294  
Ion Ratio Lower Upper  
149 100  
177 21.3 17.6 26.4  
150 12.0 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 20.502 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

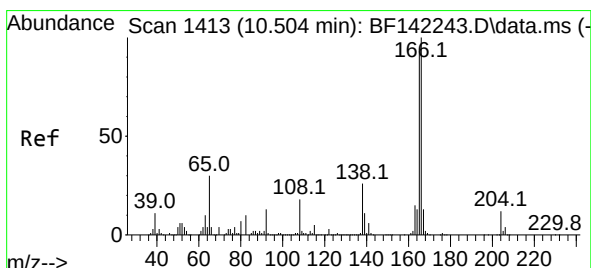
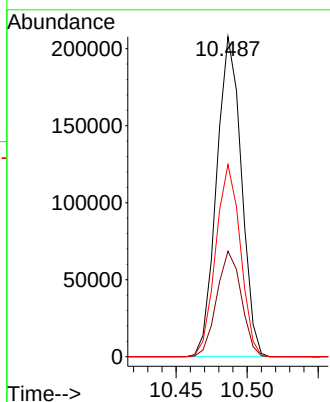
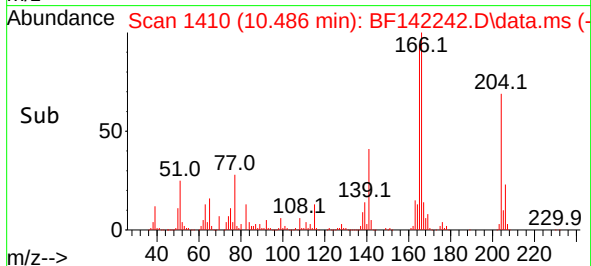
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



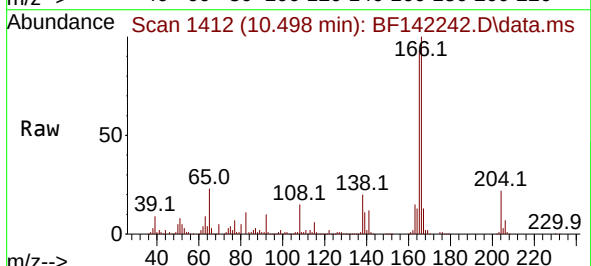
Tgt Ion:204 Resp: 25221  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.6 38.4  
141 60.1 48.9 73.3

Manual Integrations  
APPROVED

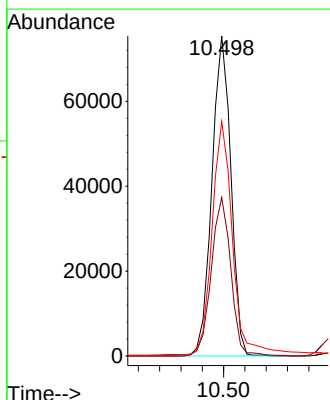
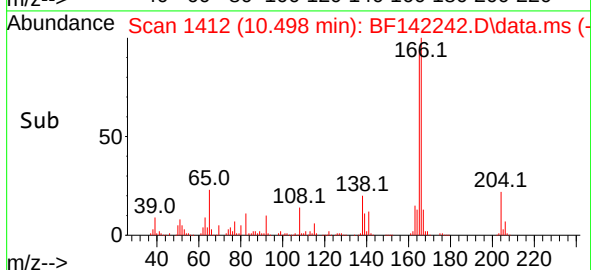
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

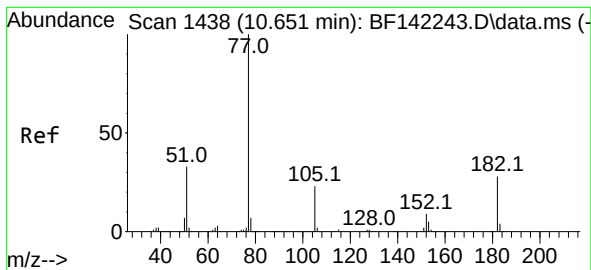


#62  
4-Nitroaniline  
Concen: 18.933 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion:138 Resp: 92884  
Ion Ratio Lower Upper  
138 100  
92 49.5 29.2 69.2  
108 73.2 49.1 89.1





#63  
Azobenzene  
Concen: 20.438 ng  
RT: 10.645 min Scan# 1438  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

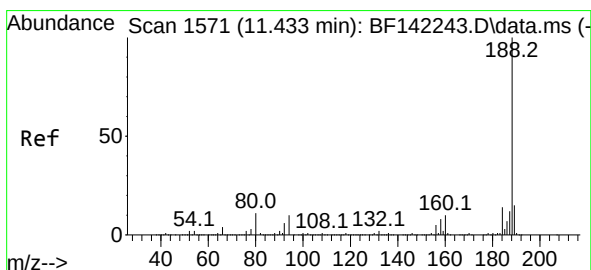
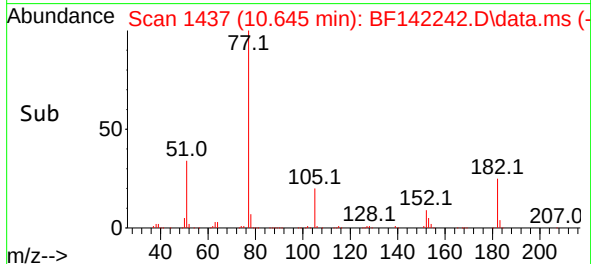
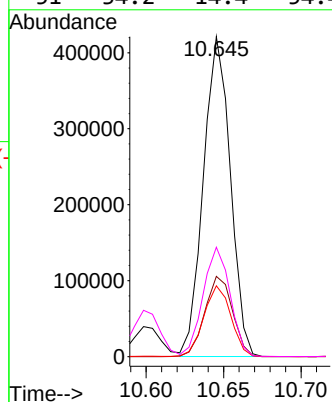
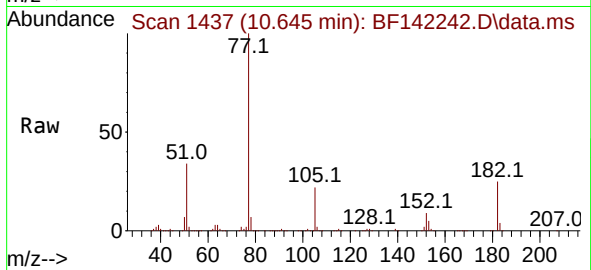
SSTDICC020

Tgt Ion: 77 Resp: 50848  
Ion Ratio Lower Upper  
77 100  
182 25.1 7.3 47.3  
105 22.2 2.5 42.5  
51 34.2 14.4 54.4

Manual Integrations

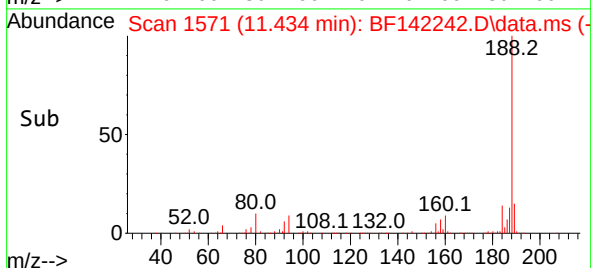
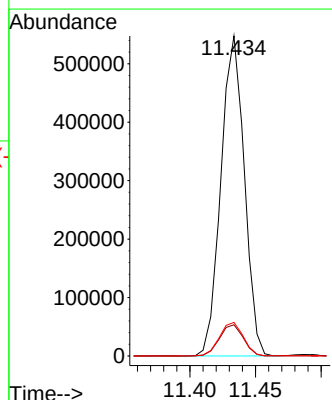
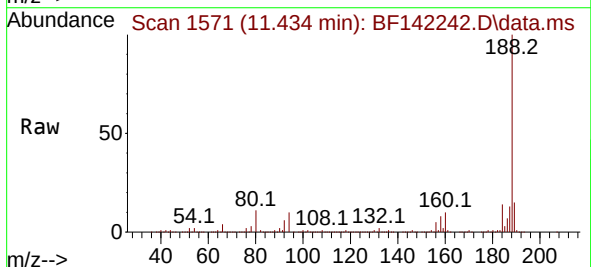
APPROVED

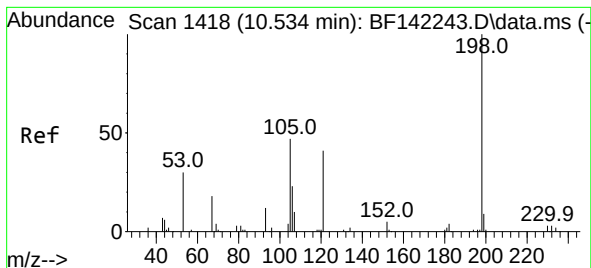
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.434 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

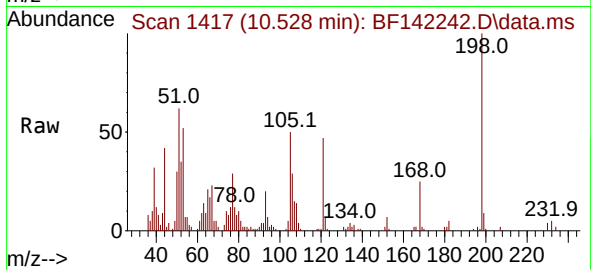
Tgt Ion:188 Resp: 679379  
Ion Ratio Lower Upper  
188 100  
94 9.8 8.2 12.2  
80 10.5 8.6 12.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 18.756 ng  
RT: 10.528 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

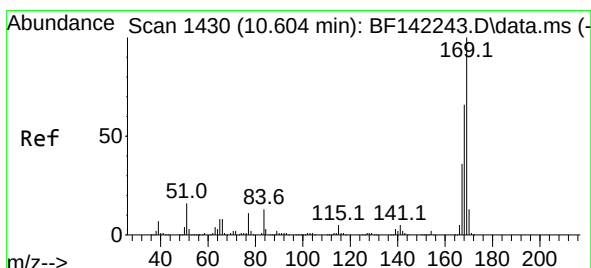
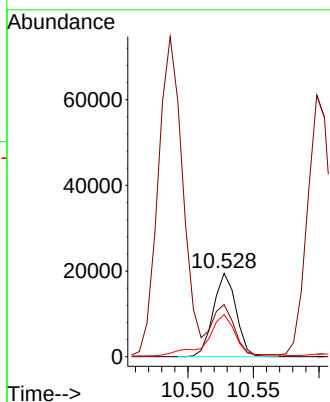
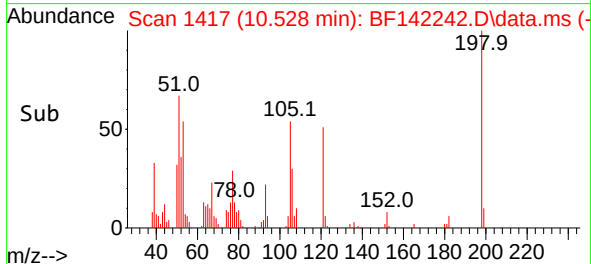
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



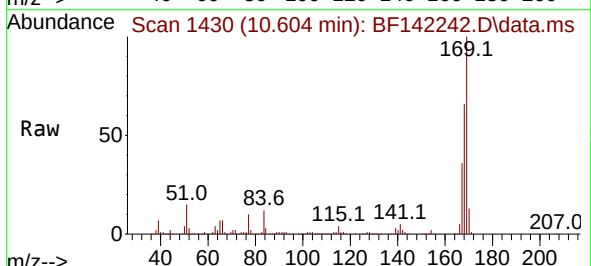
Tgt Ion:198 Resp: 23400  
Ion Ratio Lower Upper  
198 100  
51 62.5 40.6 80.6  
105 50.4 29.2 69.2

Manual Integrations  
APPROVED

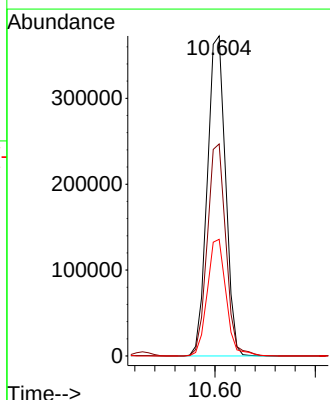
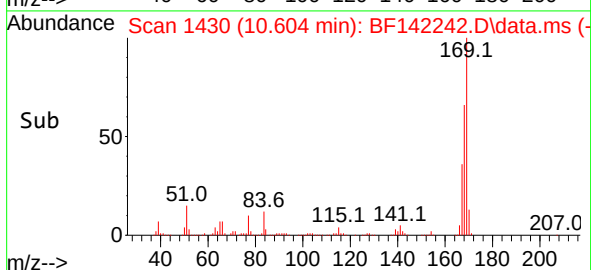
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

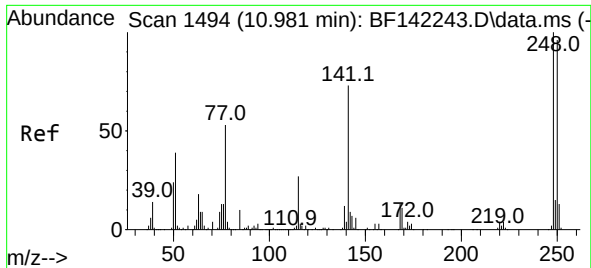


#66  
n-Nitrosodiphenylamine  
Concen: 20.280 ng  
RT: 10.604 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



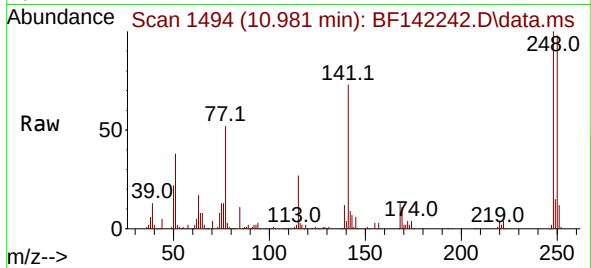
Tgt Ion:169 Resp: 470767  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.0 79.6  
167 36.4 28.8 43.2





#67  
4-Bromophenyl-phenylether  
Concen: 20.053 ng  
RT: 10.981 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

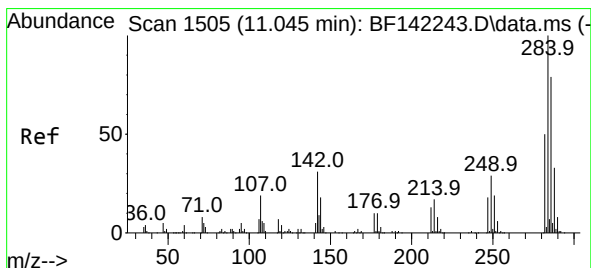
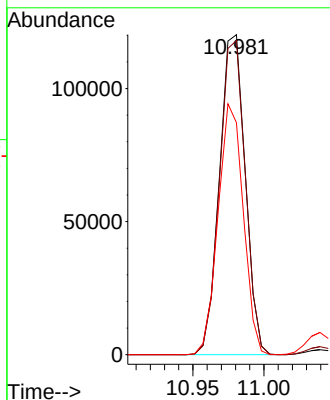
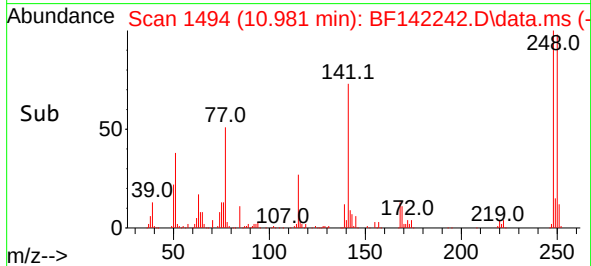
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



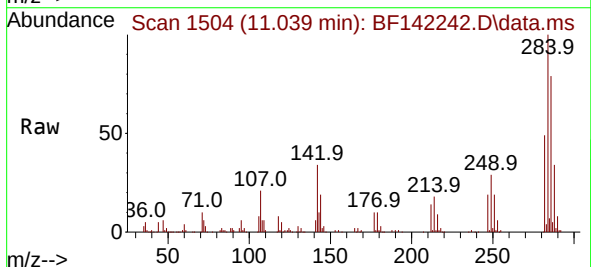
Tgt Ion:248 Resp: 151720  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.2 115.8  
141 72.5 58.4 87.6

Manual Integrations  
APPROVED

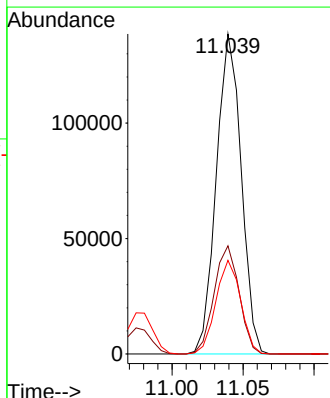
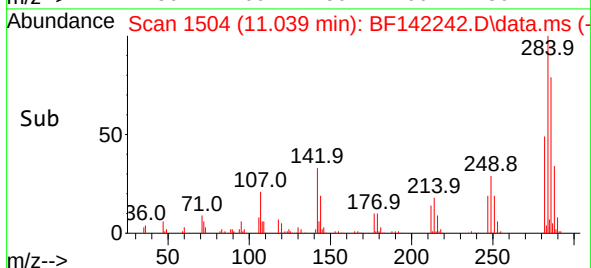
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

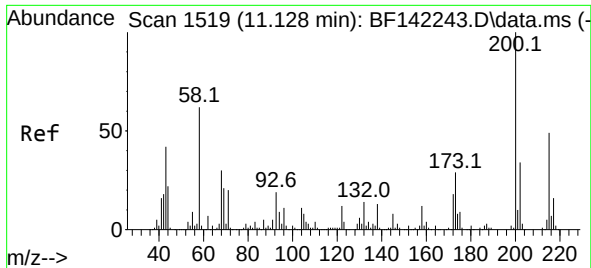


#68  
Hexachlorobenzene  
Concen: 19.916 ng  
RT: 11.039 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



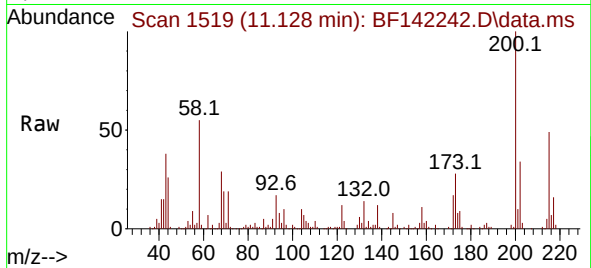
Tgt Ion:284 Resp: 168767  
Ion Ratio Lower Upper  
284 100  
142 33.8 24.6 37.0  
249 29.3 23.2 34.8





#69  
 Atrazine  
 Concen: 20.665 ng  
 RT: 11.128 min Scan# 1519  
 Delta R.T. 0.000 min  
 Lab File: BF142242.D  
 Acq: 30 Apr 2025 12:49

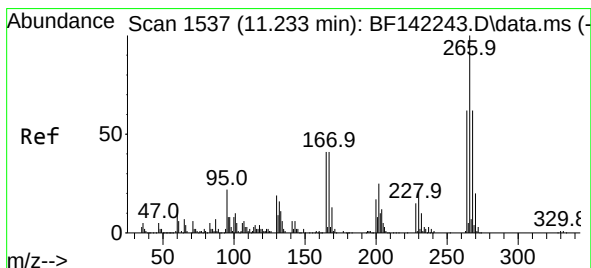
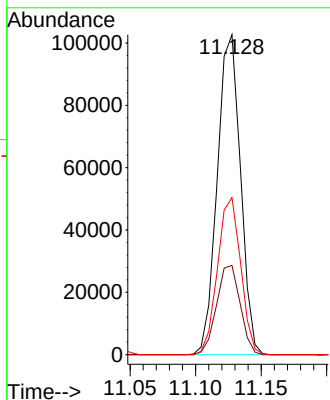
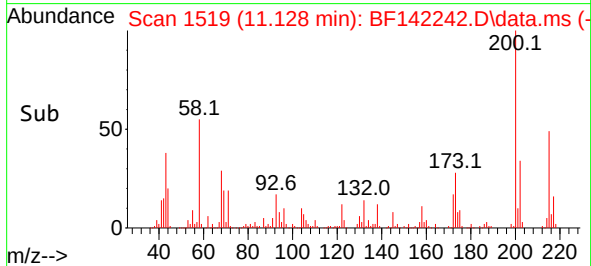
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020



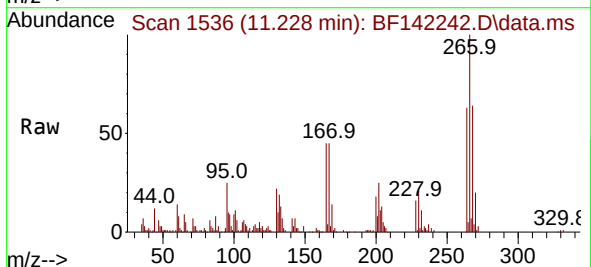
Tgt Ion:200 Resp: 126444  
 Ion Ratio Lower Upper  
 200 100  
 173 27.9 8.6 48.6  
 215 49.1 28.5 68.5

Manual Integrations  
 APPROVED

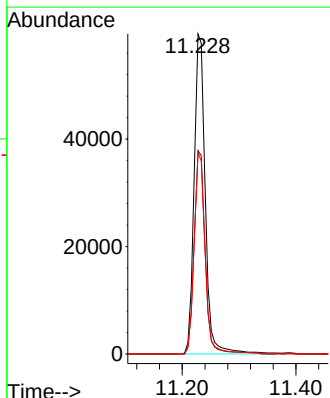
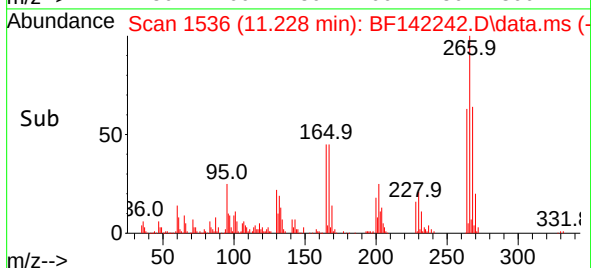
Reviewed By :Rahul Chavli 05/01/2025  
 Supervised By :Jagrut Upadhyay 05/01/2025

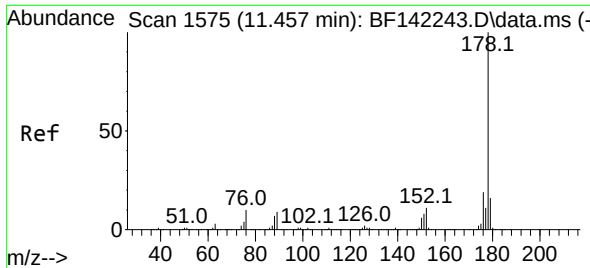


#70  
 Pentachlorophenol  
 Concen: 18.301 ng  
 RT: 11.228 min Scan# 1536  
 Delta R.T. -0.005 min  
 Lab File: BF142242.D  
 Acq: 30 Apr 2025 12:49



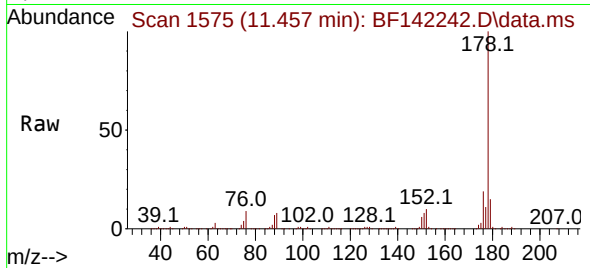
Tgt Ion:266 Resp: 81929  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 50.0 75.0  
 264 62.8 49.3 73.9





#71  
Phenanthrene  
Concen: 20.723 ng  
RT: 11.457 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

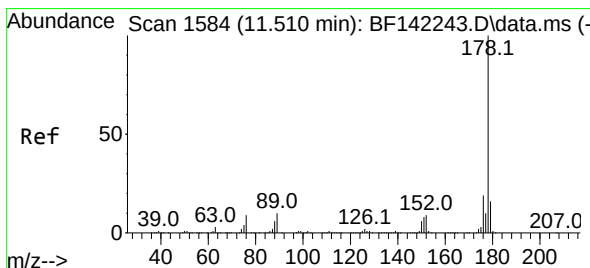
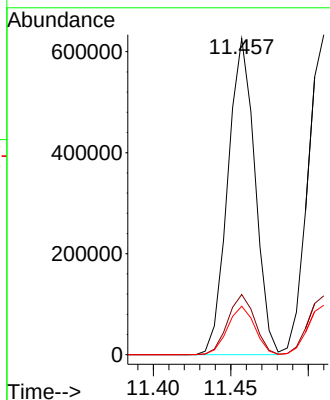
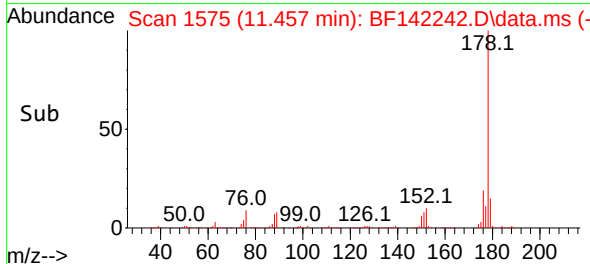
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



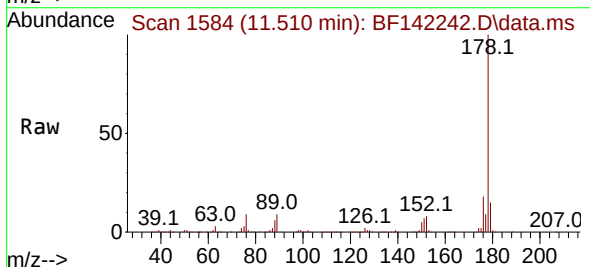
Tgt Ion:178 Resp: 760470  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.5 23.3  
179 15.3 12.6 19.0

Manual Integrations  
APPROVED

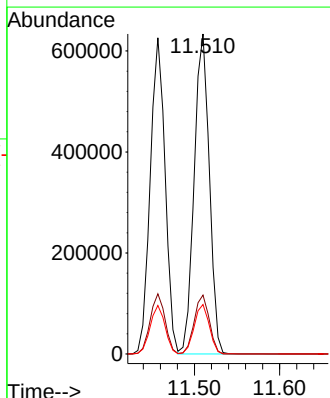
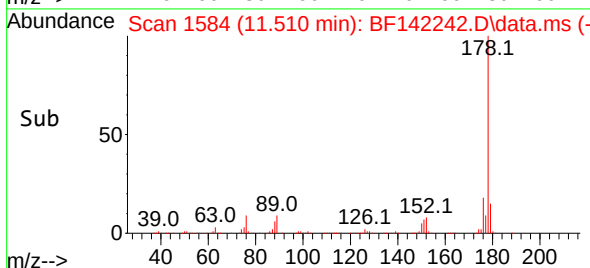
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

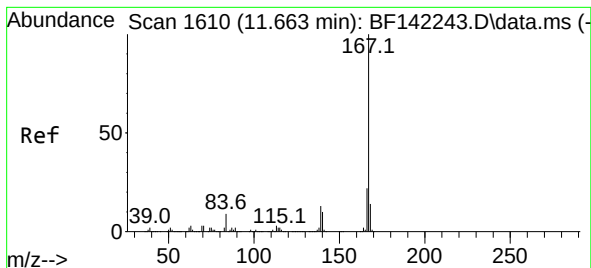


#72  
Anthracene  
Concen: 20.848 ng  
RT: 11.510 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion:178 Resp: 782215  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.3 22.9  
179 15.5 12.7 19.1





#73

Carbazole

Concen: 21.059 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

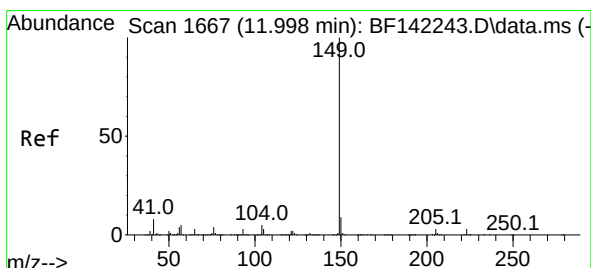
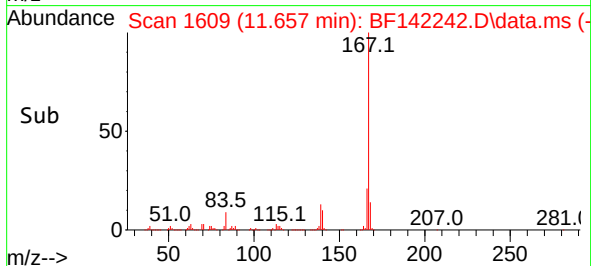
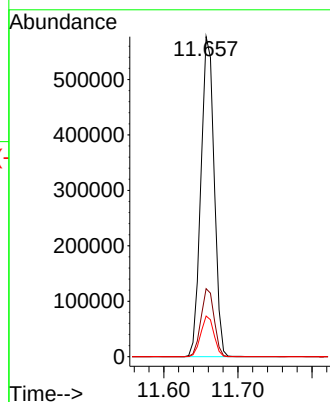
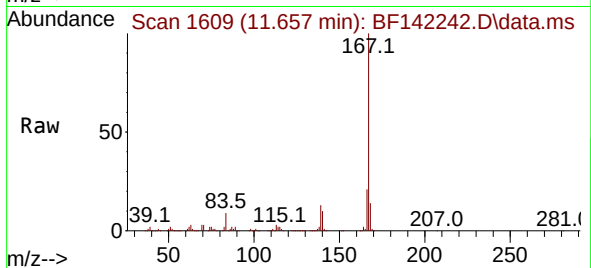
|             |                |
|-------------|----------------|
| Tgt Ion:167 | Resp: 72077    |
| Ion Ratio   | Lower Upper    |
| 167         | 100            |
| 166         | 21.2 17.3 25.9 |
| 139         | 12.7 10.3 15.5 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#74

Di-n-butylphthalate

Concen: 21.469 ng

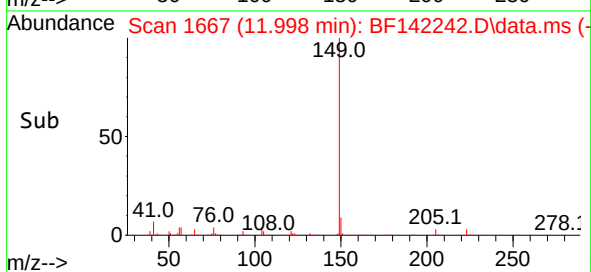
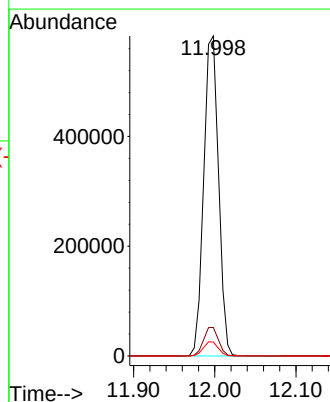
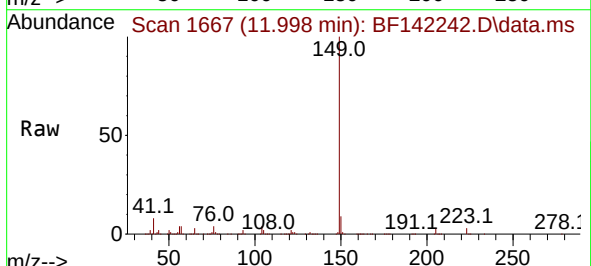
RT: 11.998 min Scan# 1667

Delta R.T. 0.000 min

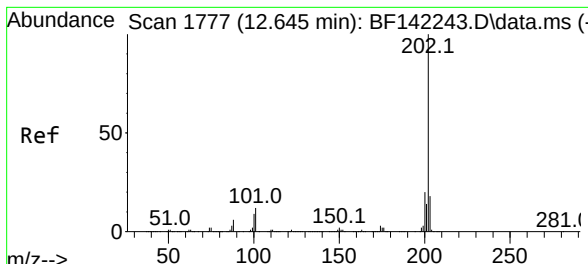
Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 739011 |
| Ion Ratio   | Lower Upper  |
| 149         | 100          |
| 150         | 8.9 7.5 11.3 |
| 104         | 4.3 3.6 5.4  |







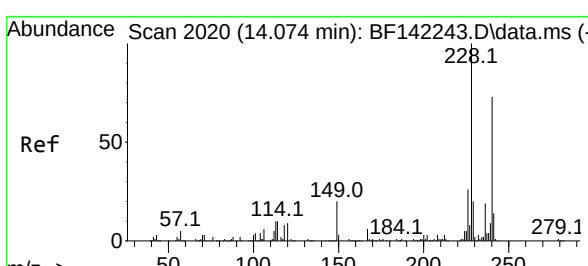
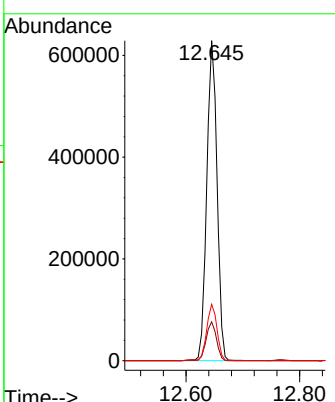
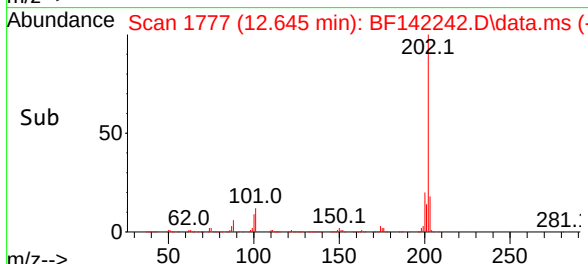
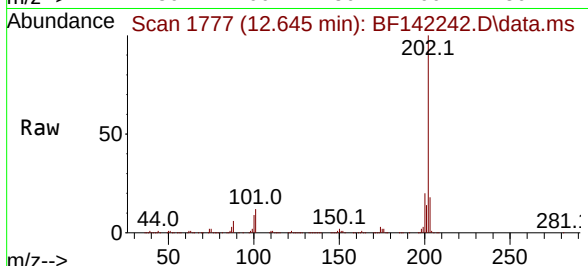
#75  
 Fluoranthene  
 Concen: 21.636 ng  
 RT: 12.645 min Scan# 1777  
 Delta R.T. 0.000 min  
 Lab File: BF142242.D  
 Acq: 30 Apr 2025 12:49

Instrument : BNA\_F  
 ClientSampleId : SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 784880 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.1  | 0.0   | 32.4   |
| 203       | 17.6  | 0.0   | 37.5   |

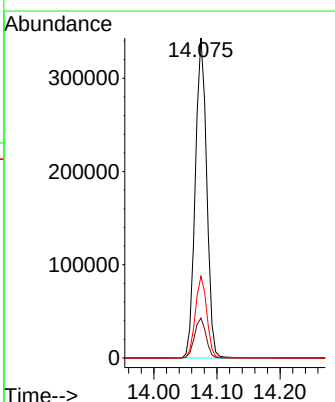
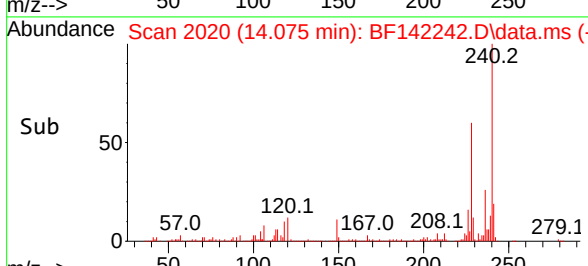
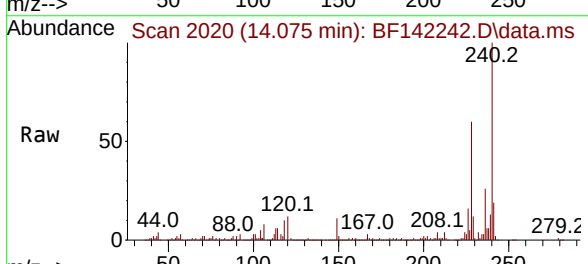
Manual Integrations  
 APPROVED

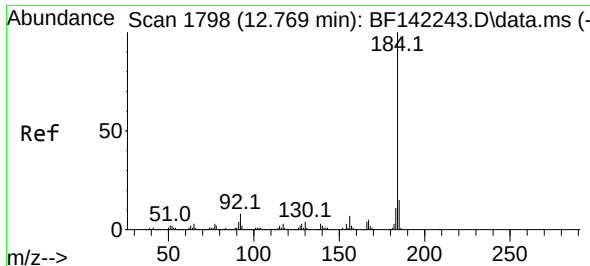
Reviewed By :Rahul Chavli 05/01/2025  
 Supervised By :Jagrut Upadhyay 05/01/2025



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.075 min Scan# 2020  
 Delta R.T. 0.000 min  
 Lab File: BF142242.D  
 Acq: 30 Apr 2025 12:49

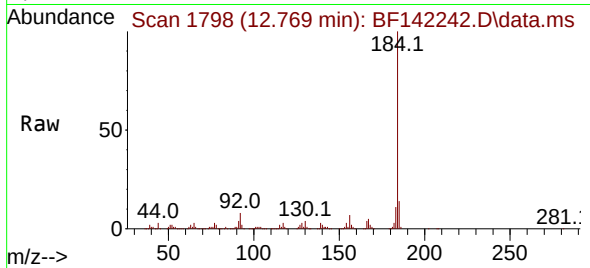
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 430351 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.4  | 10.1  | 15.1   |
| 236       | 25.6  | 20.5  | 30.7   |





#77  
Benzidine  
Concen: 20.837 ng  
RT: 12.769 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

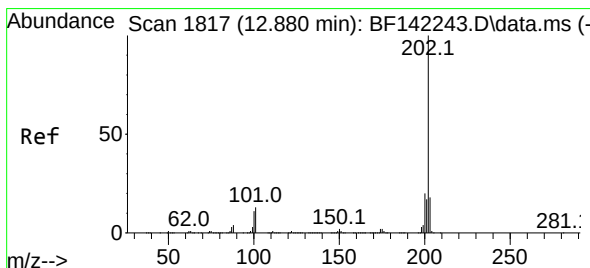
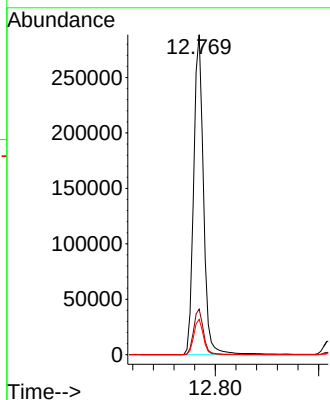
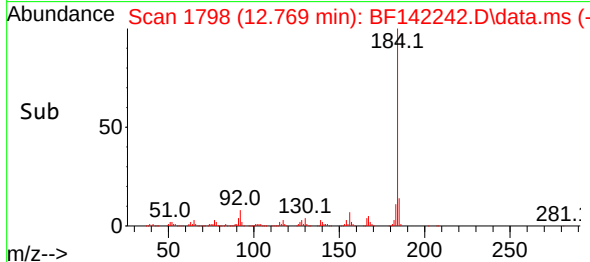
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



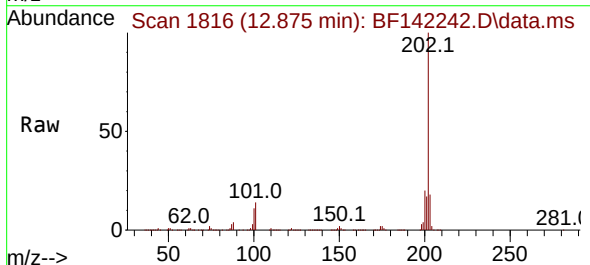
Tgt Ion:184 Resp: 381034  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.8 17.6  
183 11.1 8.9 13.3

Manual Integrations  
APPROVED

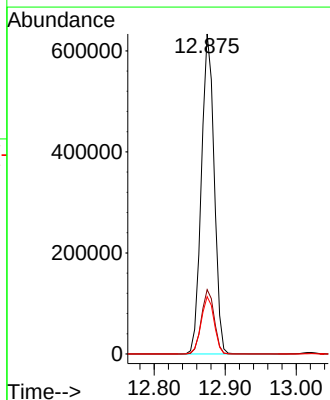
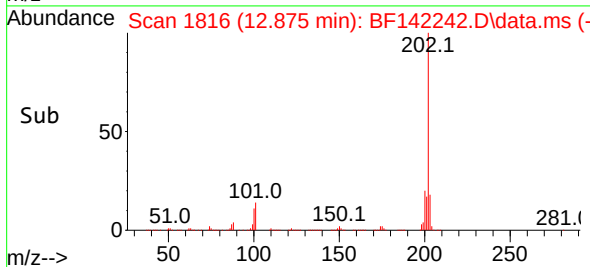
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025

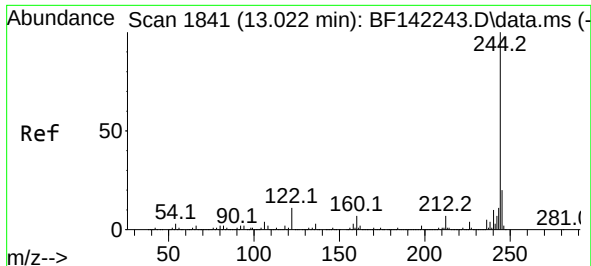


#78  
Pyrene  
Concen: 20.046 ng  
RT: 12.875 min Scan# 1816  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



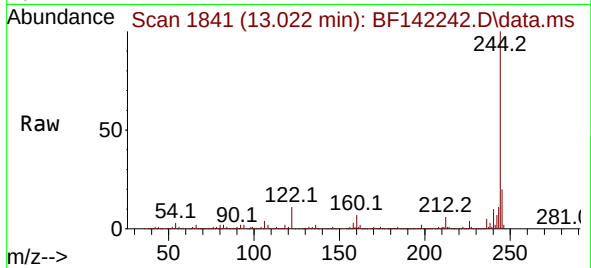
Tgt Ion:202 Resp: 795806  
Ion Ratio Lower Upper  
202 100  
200 20.1 16.1 24.1  
203 17.9 14.1 21.1





#79  
 Terphenyl-d14  
 Concen: 41.357 ng  
 RT: 13.022 min Scan# 1841  
 Delta R.T. 0.000 min  
 Lab File: BF142242.D  
 Acq: 30 Apr 2025 12:49

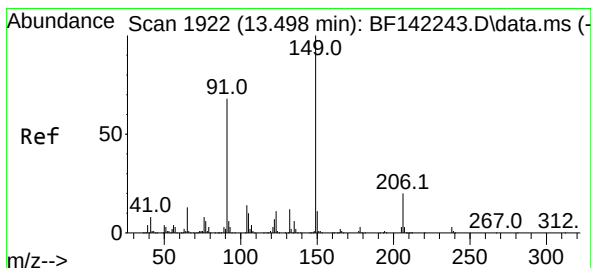
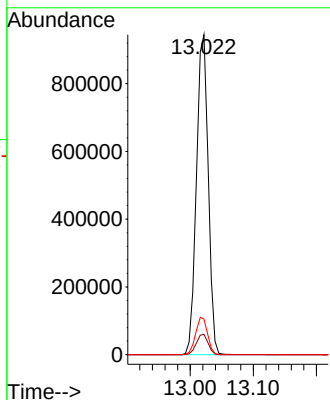
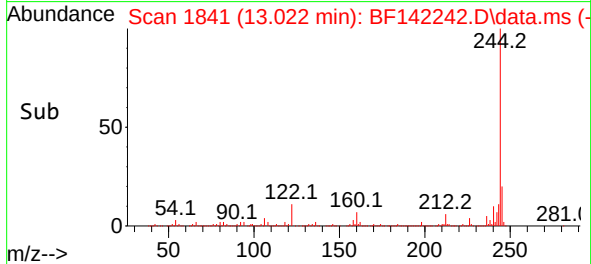
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020



Tgt Ion:244 Resp: 122373  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.3 7.9  
 122 11.1 9.1 13.7

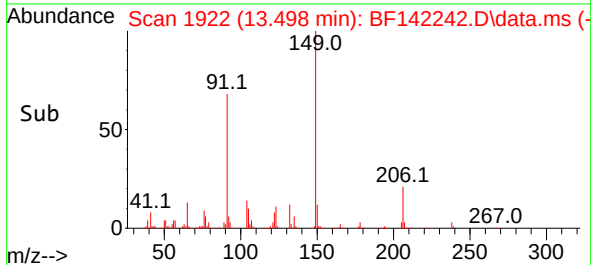
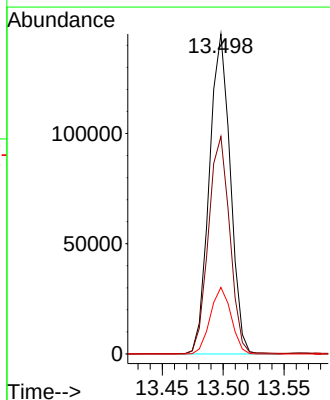
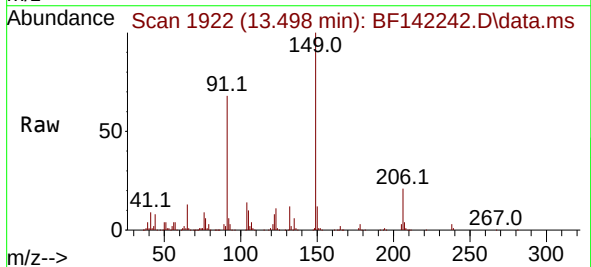
Manual Integrations  
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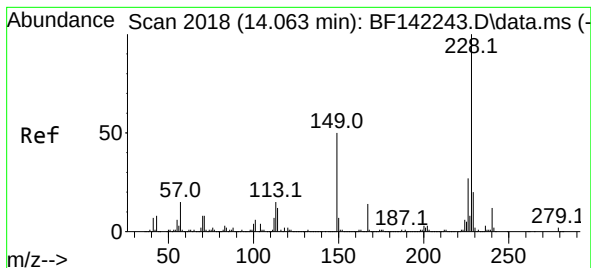
Reviewed By :Rahul Chavli 05/01/2025  
 Supervised By :Jagrut Upadhyay 05/01/2025



#80  
 Butylbenzylphthalate  
 Concen: 18.529 ng  
 RT: 13.498 min Scan# 1922  
 Delta R.T. 0.000 min  
 Lab File: BF142242.D  
 Acq: 30 Apr 2025 12:49

Tgt Ion:149 Resp: 174268  
 Ion Ratio Lower Upper  
 149 100  
 91 67.9 54.4 81.6  
 206 20.8 15.9 23.9





#81

Benzo(a)anthracene

Concen: 19.849 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 573438

Ion Ratio Lower Upper

228 100

226 26.7 21.9 32.9

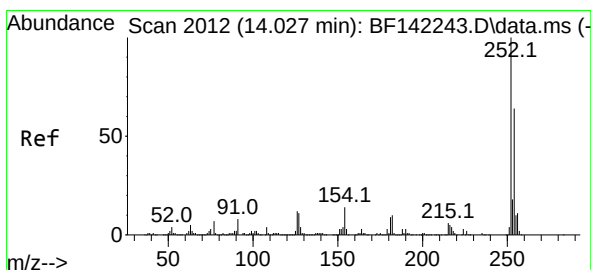
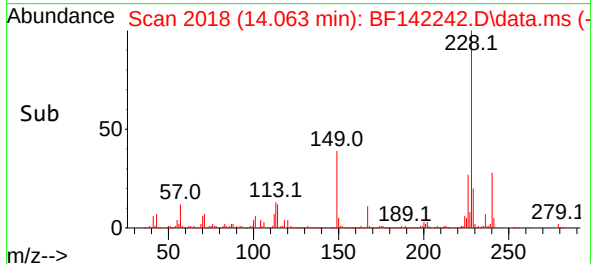
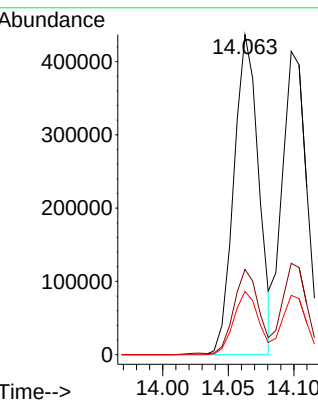
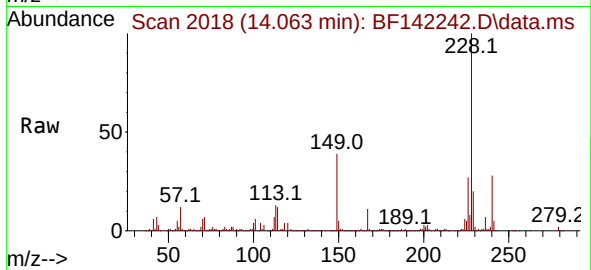
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#82

3,3'-Dichlorobenzidine

Concen: 19.251 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

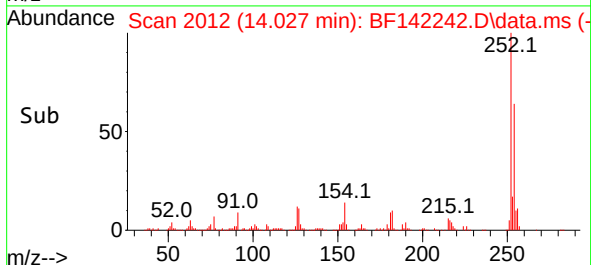
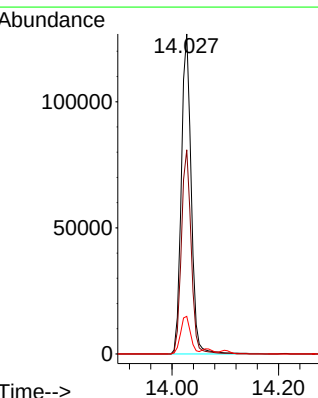
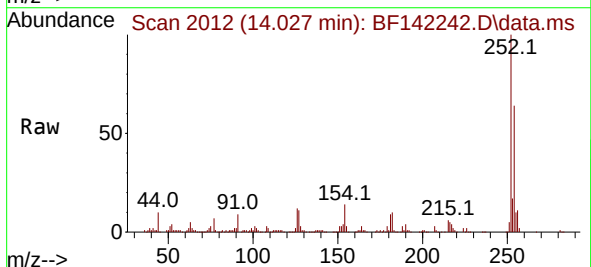
Tgt Ion:252 Resp: 163359

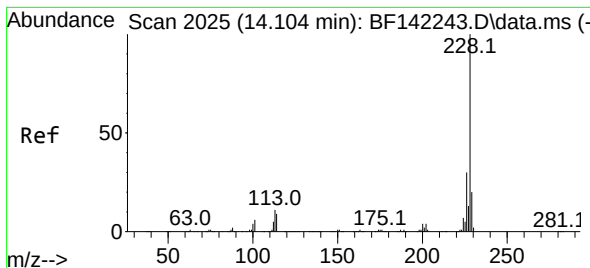
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.6

126 11.8 9.4 14.2





#83

Chrysene

Concen: 20.435 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 53738

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

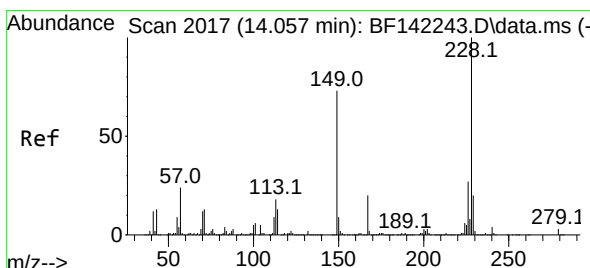
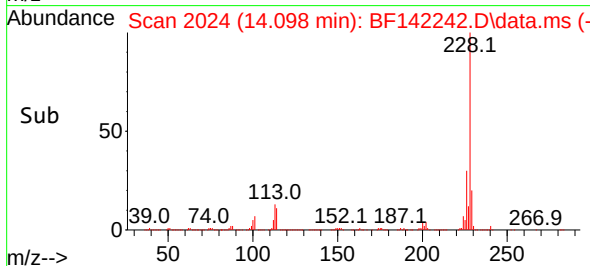
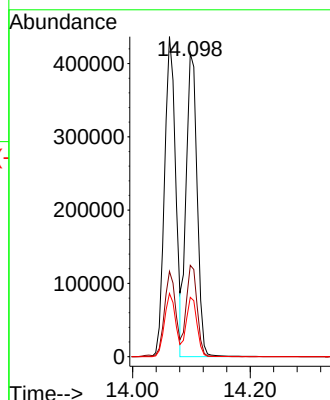
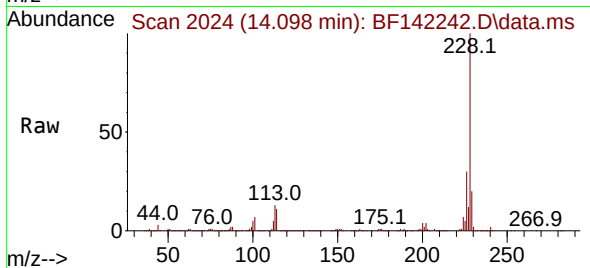
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.042 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

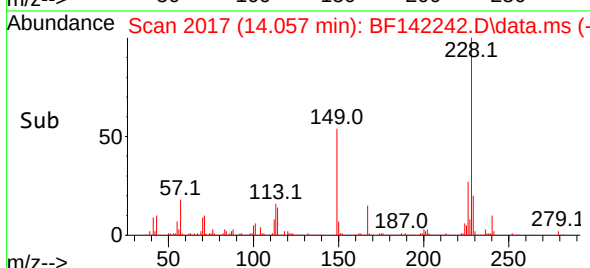
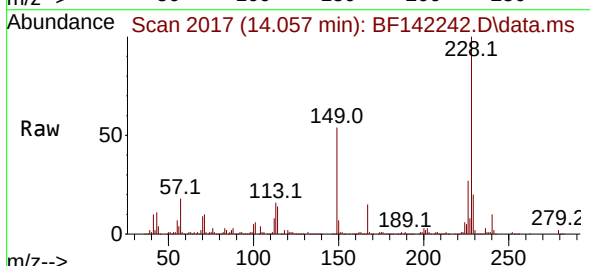
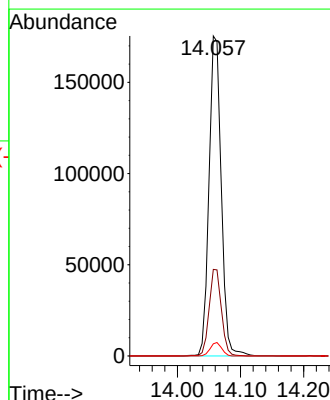
Tgt Ion:149 Resp: 236325

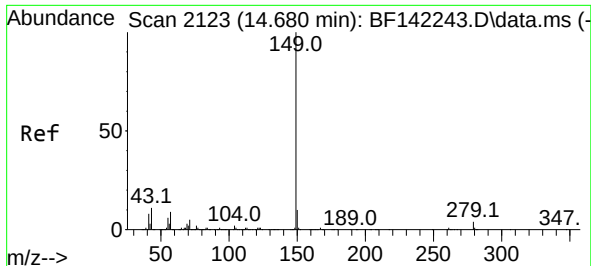
Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

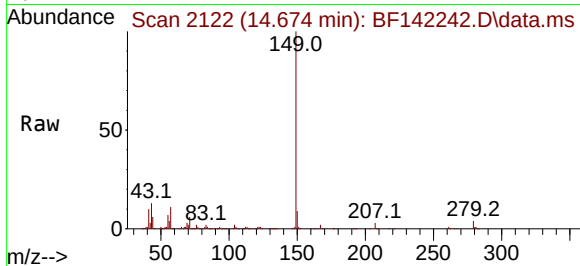
279 3.8 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 17.998 ng  
RT: 14.674 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

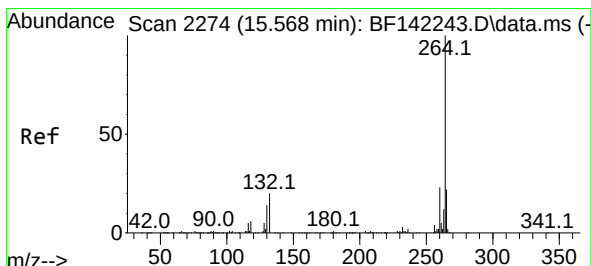
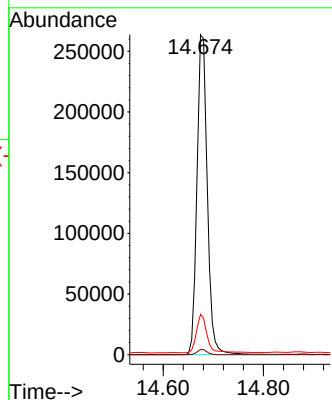
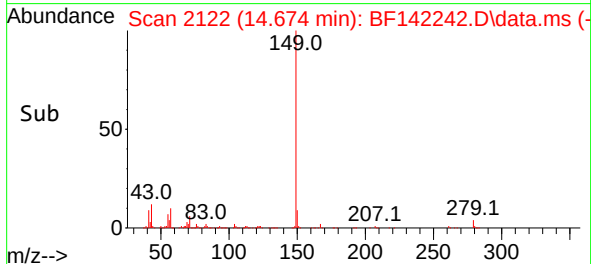
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:149 Resp: 376362  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 12.4 9.3 13.9

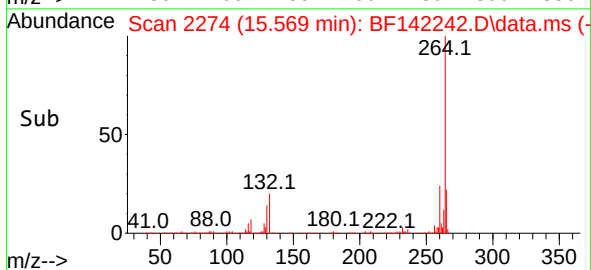
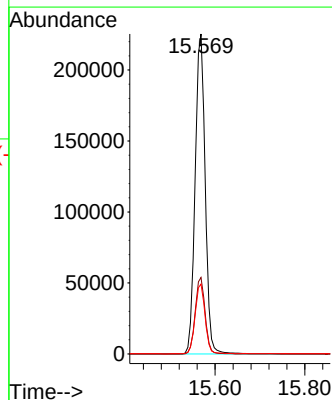
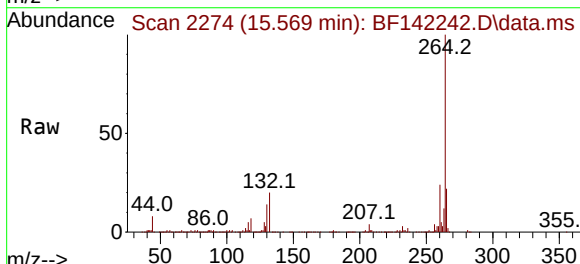
Manual Integrations  
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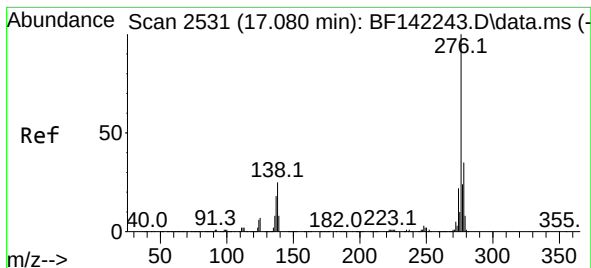
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.569 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

Tgt Ion:264 Resp: 350840  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.4 27.6  
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.021 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 514490

Ion Ratio Lower Upper

276 100

138 28.9 22.6 33.8

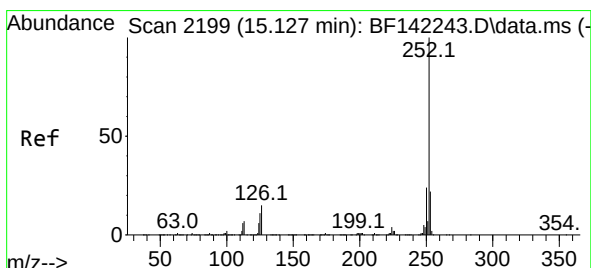
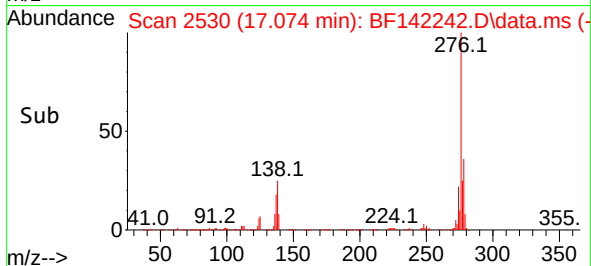
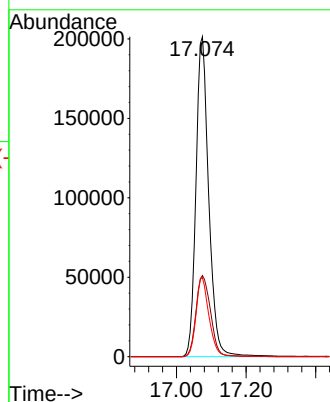
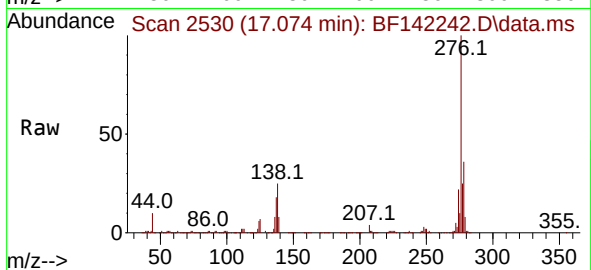
277 25.1 20.1 30.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#88

Benzo(b)fluoranthene

Concen: 19.442 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

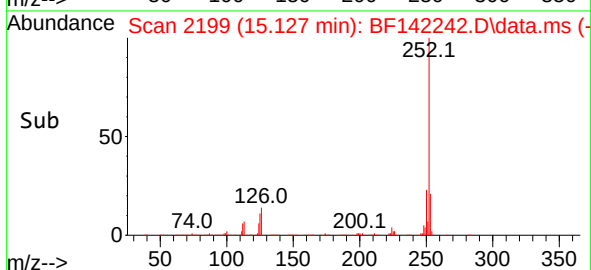
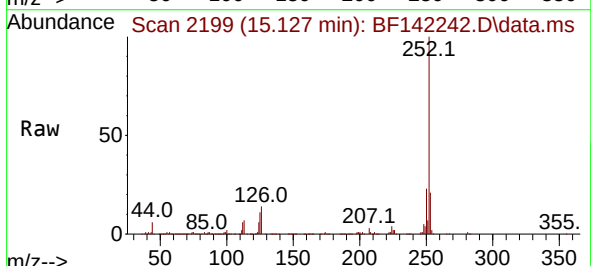
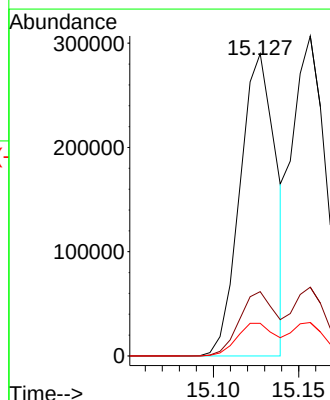
Tgt Ion:252 Resp: 423694

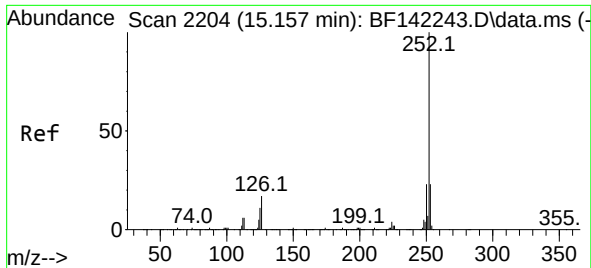
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

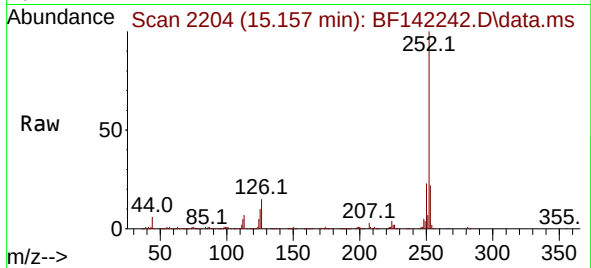
125 10.8 9.0 13.4





#89  
Benzo(k)fluoranthene  
Concen: 21.504 ng  
RT: 15.157 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49

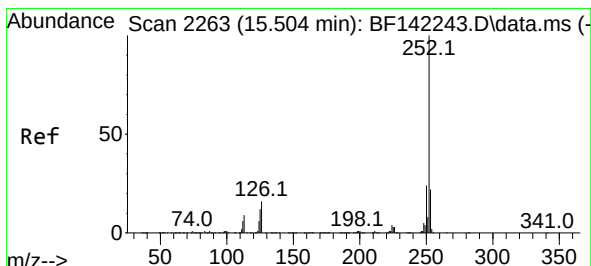
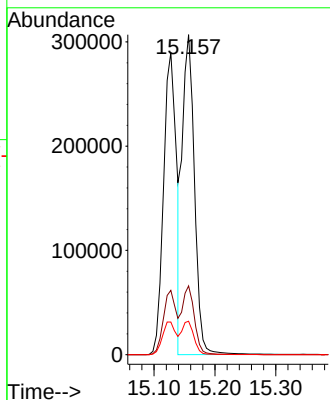
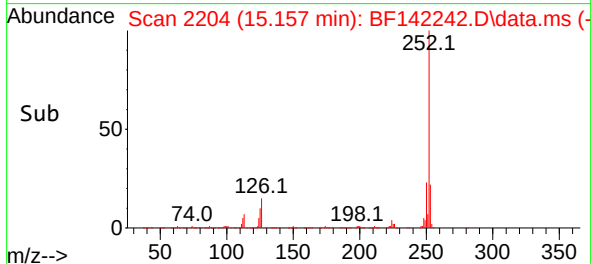
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



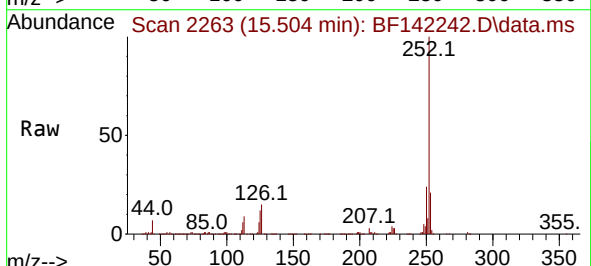
Tgt Ion:252 Resp: 428640  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.8 26.8  
125 10.5 9.0 13.6

Manual Integrations  
APPROVED

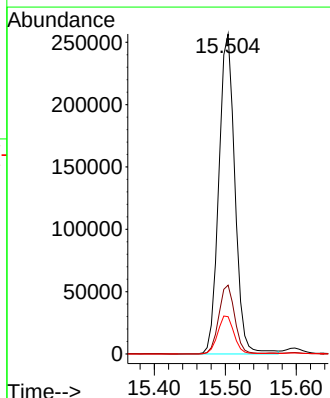
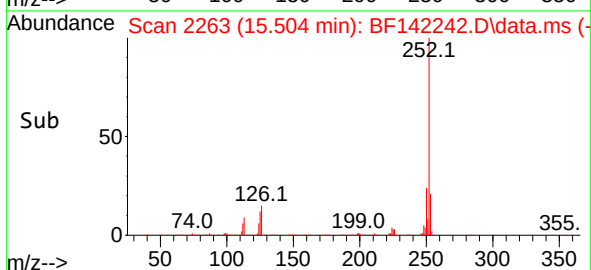
Reviewed By :Rahul Chavli 05/01/2025  
Supervised By :Jagrut Upadhyay 05/01/2025



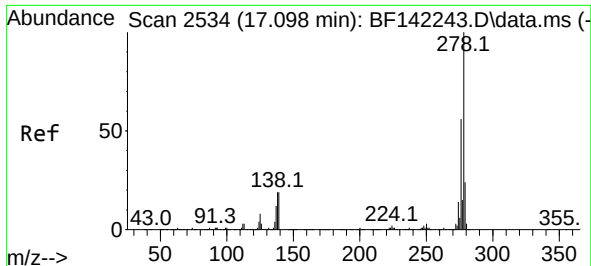
#90  
Benzo(a)pyrene  
Concen: 20.154 ng  
RT: 15.504 min Scan# 2263  
Delta R.T. 0.000 min  
Lab File: BF142242.D  
Acq: 30 Apr 2025 12:49



Tgt Ion:252 Resp: 402101  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.6 26.4  
125 11.7 9.5 14.3







#91

Dibenzo(a,h)anthracene

Concen: 20.139 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 420029

Ion Ratio Lower Upper

278 100

139 18.2 15.2 22.8

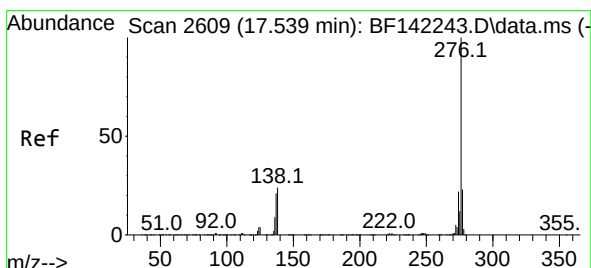
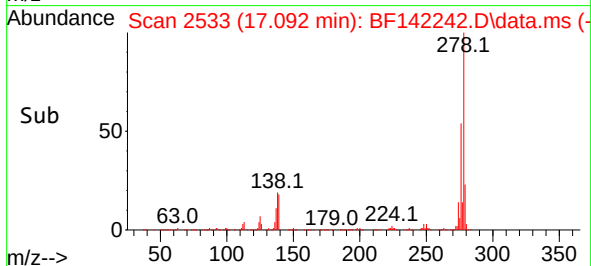
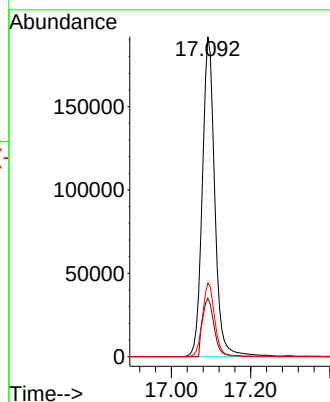
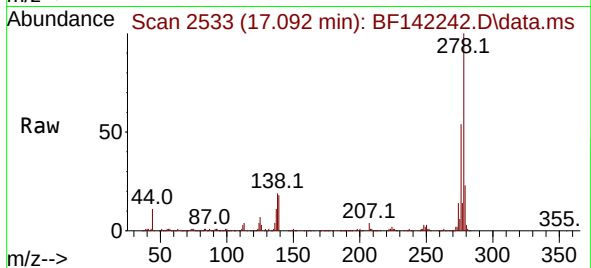
279 23.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#92

Benzo(g,h,i)perylene

Concen: 20.150 ng

RT: 17.527 min Scan# 2607

Delta R.T. -0.012 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Tgt Ion:276 Resp: 422497

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 24.4 19.4 29.0

