

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050125\  
 Data File : BF142270.D  
 Acq On : 01 May 2025 19:52  
 Operator : RC/JU  
 Sample : Q1901-02MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-167-SB01MSD

Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

05/02/2025  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: May 02 01:08:53 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 16:00:01 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.910  | 152  | 204570   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.187  | 136  | 762454   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.945  | 164  | 351872   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.428 | 188  | 496148   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.069 | 240  | 429879   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.557 | 264  | 473333   | 20.000 | ng    | -0.01    |

|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.522  | 112 | 1098118 | 85.729 | ng | 0.00 |
| 7) Phenol-d6                | 6.528  | 99  | 1349184 | 87.225 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.469  | 82  | 776525  | 66.910 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.733 | 330 | 286287  | 89.247 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.263  | 172 | 1541618 | 61.773 | ng | 0.00 |
| 79) Terphenyl-d14           | 13.016 | 244 | 1244500 | 42.105 | ng | 0.00 |

|                               |       |     |         |        |    |        |
|-------------------------------|-------|-----|---------|--------|----|--------|
| Target Compounds              |       |     |         |        |    | Qvalue |
| 2) 1,4-Dioxane                | 2.758 | 88  | 213600  | 37.338 | ng | 98     |
| 3) Pyridine                   | 3.516 | 79  | 586468  | 39.445 | ng | 99     |
| 4) n-Nitrosodimethylamine     | 3.463 | 42  | 336346  | 43.715 | ng | 99     |
| 6) Aniline                    | 6.569 | 93  | 640860  | 29.271 | ng | 99     |
| 8) 2-Chlorophenol             | 6.687 | 128 | 576726  | 43.572 | ng | 98     |
| 9) Benzaldehyde               | 6.457 | 77  | 286273  | 26.480 | ng | 99     |
| 10) Phenol                    | 6.540 | 94  | 699472m | 42.004 | ng |        |
| 11) bis(2-Chloroethyl)ether   | 6.640 | 93  | 555314  | 43.034 | ng | 99     |
| 12) 1,3-Dichlorobenzene       | 6.851 | 146 | 628881  | 41.999 | ng | 99     |
| 13) 1,4-Dichlorobenzene       | 6.928 | 146 | 637600  | 42.264 | ng | 99     |
| 14) 1,2-Dichlorobenzene       | 7.075 | 146 | 614756  | 42.685 | ng | 99     |
| 15) Benzyl Alcohol            | 7.045 | 79  | 471490  | 42.978 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181 | 45  | 1026846 | 44.067 | ng | 99     |
| 17) 2-Methylphenol            | 7.151 | 107 | 446076  | 41.139 | ng | 99     |
| 18) Hexachloroethane          | 7.422 | 117 | 224222  | 45.411 | ng | 99     |
| 19) n-Nitroso-di-n-propyla... | 7.316 | 70  | 396481  | 41.480 | ng | 98     |
| 20) 3+4-Methylphenols         | 7.304 | 107 | 559745  | 41.280 | ng | # 90   |
| 22) Acetophenone              | 7.316 | 105 | 751886  | 42.626 | ng | # 97   |
| 24) Nitrobenzene              | 7.487 | 77  | 567935  | 49.874 | ng | 100    |
| 25) Isophorone                | 7.728 | 82  | 1049987 | 43.109 | ng | 99     |
| 26) 2-Nitrophenol             | 7.804 | 139 | 270273  | 54.552 | ng | 98     |
| 27) 2,4-Dimethylphenol        | 7.834 | 122 | 530664  | 43.212 | ng | 99     |
| 28) bis(2-Chloroethoxy)met... | 7.934 | 93  | 677074  | 44.077 | ng | 99     |
| 29) 2,4-Dichlorophenol        | 8.040 | 162 | 450996  | 43.927 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene    | 8.128 | 180 | 505370  | 44.110 | ng | 100    |
| 31) Naphthalene               | 8.210 | 128 | 1631154 | 42.898 | ng | 100    |
| 32) Benzoic acid              | 7.934 | 122 | 285536  | 48.669 | ng | 99     |
| 33) 4-Chloroaniline           | 8.251 | 127 | 188949  | 11.933 | ng | 99     |
| 34) Hexachlorobutadiene       | 8.328 | 225 | 308153  | 46.100 | ng | 99     |
| 35) Caprolactam               | 8.616 | 113 | 124087m | 40.210 | ng |        |
| 36) 4-Chloro-3-methylphenol   | 8.728 | 107 | 428130  | 40.609 | ng | 98     |
| 37) 2-Methylnaphthalene       | 8.898 | 142 | 977255  | 41.802 | ng | 99     |
| 38) 1-Methylnaphthalene       | 8.998 | 142 | 999740  | 41.279 | ng | 100    |
| 40) 1,2,4,5-Tetrachloroben... | 9.069 | 216 | 471907  | 47.654 | ng | 99     |
| 41) Hexachlorocyclopentadiene | 9.057 | 237 | 554087  | 98.586 | ng | 100    |
| 43) 2,4,6-Trichlorophenol     | 9.175 | 196 | 305921  | 49.853 | ng | 99     |

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Instrument :  
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Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

05/02/2025  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: May 02 01:08:53 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 16:00:01 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 297440   | 46.102 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 1272788  | 46.529 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.392  | 162  | 925740   | 45.486 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.481  | 65   | 252309   | 47.110 | ng    | 98       |
| 49) Acenaphthylene            | 9.804  | 152  | 1503902  | 43.790 | ng    | 100      |
| 50) Dimethylphthalate         | 9.663  | 163  | 1015217  | 45.099 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 204319   | 47.378 | ng    | 98       |
| 52) Acenaphthene              | 9.981  | 154  | 931022   | 46.429 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 121932   | 24.861 | ng    | # 96     |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 131189   | 84.371 | ng    | # 41     |
| 55) Dibenzofuran              | 10.151 | 168  | 1290218  | 42.922 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 316946   | 89.575 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 249724   | 47.801 | ng    | 99       |
| 58) Fluorene                  | 10.492 | 166  | 945333   | 41.360 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 232642   | 43.531 | ng    | 99       |
| 60) Diethylphthalate          | 10.363 | 149  | 980867   | 44.125 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 467320   | 43.054 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 182663   | 38.819 | ng    | 95       |
| 63) Azobenzene                | 10.645 | 77   | 1027831  | 46.824 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198  | 85960    | 51.580 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.604 | 169  | 816949   | 48.191 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.975 | 248  | 278827   | 50.462 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 292279   | 47.230 | ng    | 99       |
| 69) Atrazine                  | 11.128 | 200  | 232637   | 52.062 | ng    | 99       |
| 70) Pentachlorophenol         | 11.228 | 266  | 317591   | 97.144 | ng    | 98       |
| 71) Phenanthrene              | 11.457 | 178  | 1239899  | 46.265 | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 1211937  | 44.230 | ng    | 99       |
| 73) Carbazole                 | 11.657 | 167  | 1076493  | 43.067 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 1373313  | 54.629 | ng    | 100      |
| 75) Fluoranthene              | 12.645 | 202  | 1282408  | 48.407 | ng    | 99       |
| 77) Benzidine                 | 12.763 | 184  | 472493   | 25.867 | ng    | 99       |
| 78) Pyrene                    | 12.869 | 202  | 1332351  | 33.599 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 544307   | 50.031 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.063 | 228  | 1310994  | 45.428 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.022 | 252  | 285891   | 33.727 | ng    | 99       |
| 83) Chrysene                  | 14.098 | 228  | 1182323  | 45.008 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 774590   | 51.320 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.669 | 149  | 1467740  | 52.643 | ng    | # 99     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.068 | 276  | 1135807  | 32.760 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 1429910  | 48.634 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 1218152  | 45.297 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 1262185  | 46.890 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.086 | 278  | 932712   | 33.147 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 856464   | 30.277 | ng    | 100      |

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

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 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-167-SB01MSD

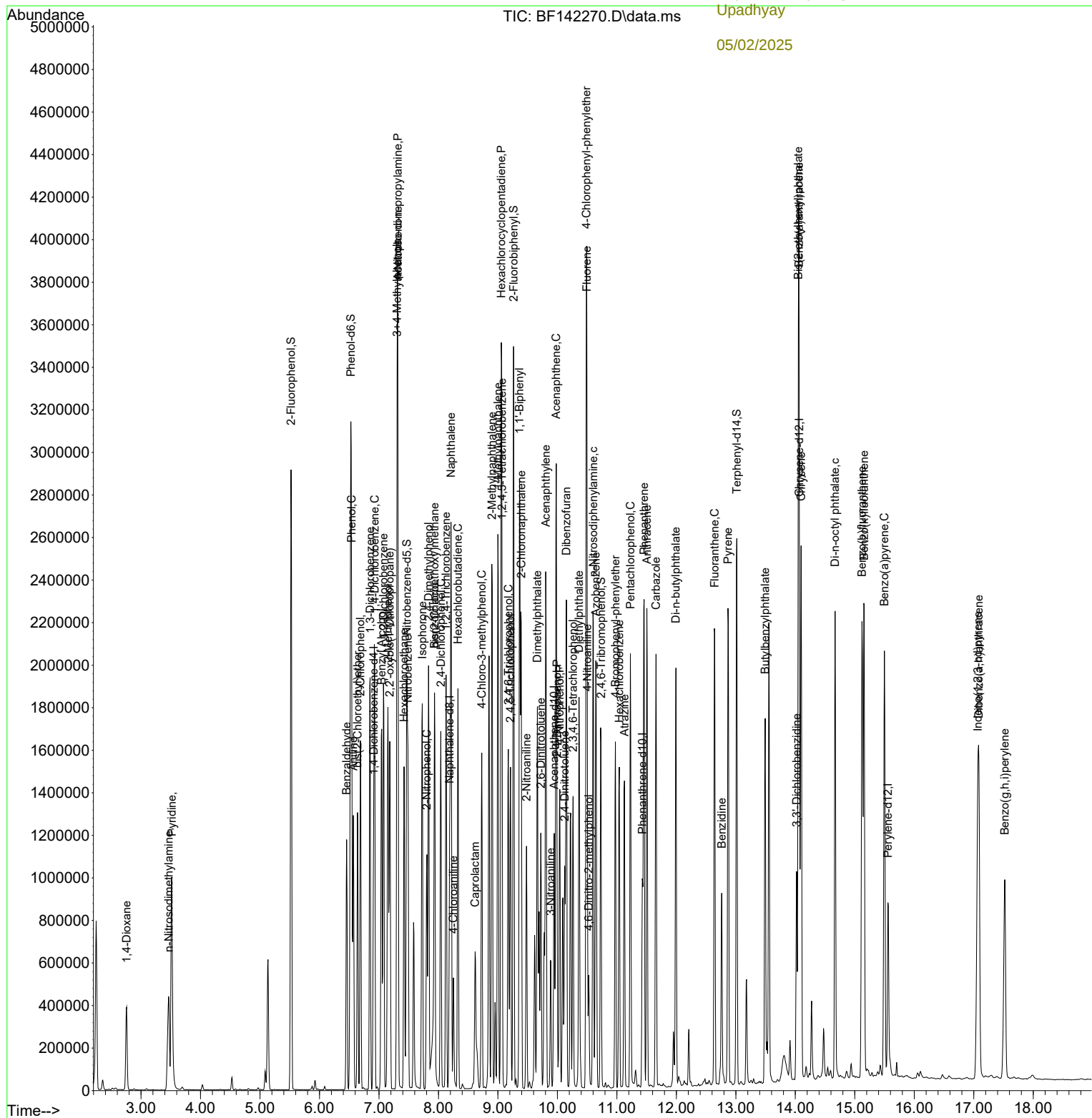
### Manual Integrations APPROVED

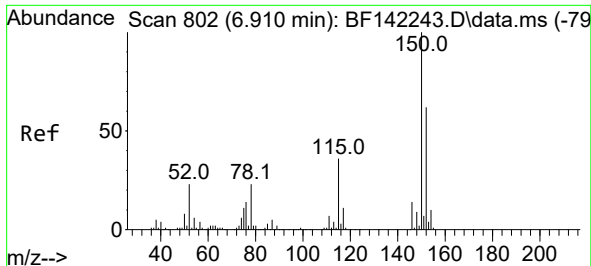
Reviewed By :Rahul  
 Chavli

05/02/2025  
 Supervised By :Jagrut  
 Upadhyay

05/02/2025

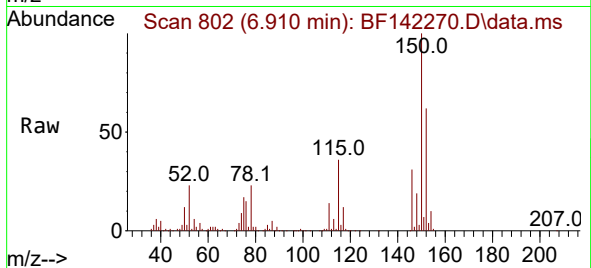
Quant Time: May 02 01:08:53 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 30 16:00:01 2025  
 Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.910 min Scan# 802  
 Delta R.T. 0.000 min  
 Lab File: BF142270.D  
 Acq: 01 May 2025 19:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-167-SB01MSD



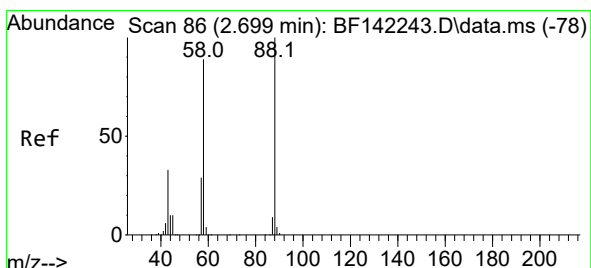
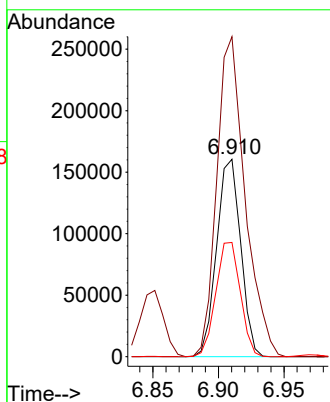
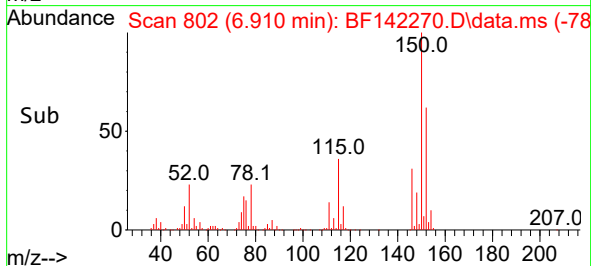
Tgt Ion:152 Resp: 204570  
 Ion Ratio Lower Upper  
 152 100  
 150 162.1 130.2 195.2  
 115 57.9 47.0 70.4

Manual Integrations  
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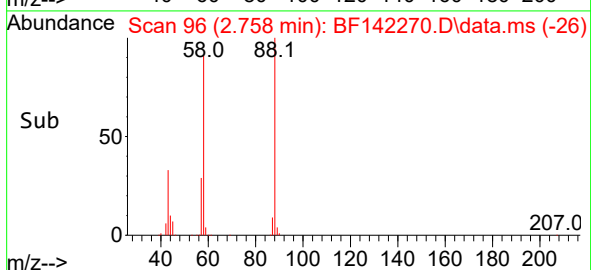
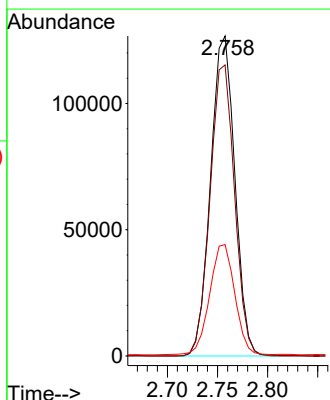
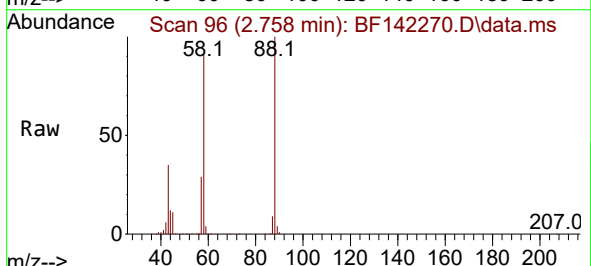
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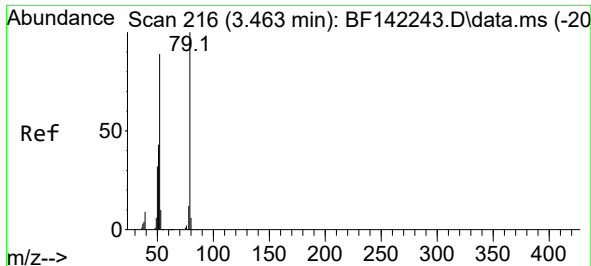
05/02/2025



#2  
 1,4-Dioxane  
 Concen: 37.338 ng  
 RT: 2.758 min Scan# 96  
 Delta R.T. 0.059 min  
 Lab File: BF142270.D  
 Acq: 01 May 2025 19:52

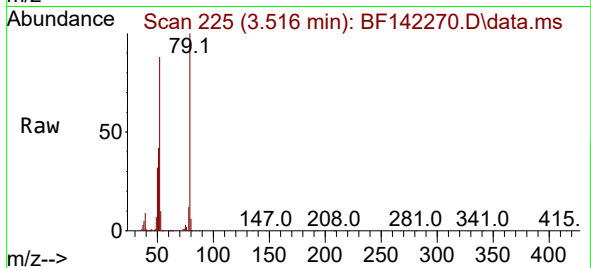
Tgt Ion: 88 Resp: 213600  
 Ion Ratio Lower Upper  
 88 100  
 58 92.2 72.2 108.2  
 43 35.6 27.0 40.6





#3  
Pyridine  
Concen: 39.445 ng  
RT: 3.516 min Scan# 216  
Delta R.T. 0.053 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



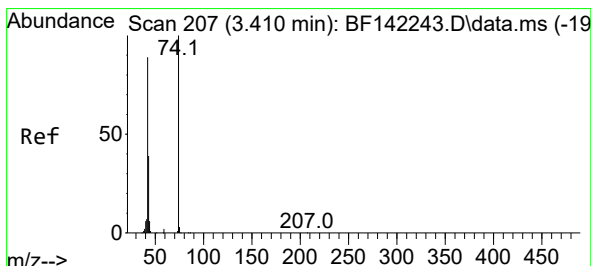
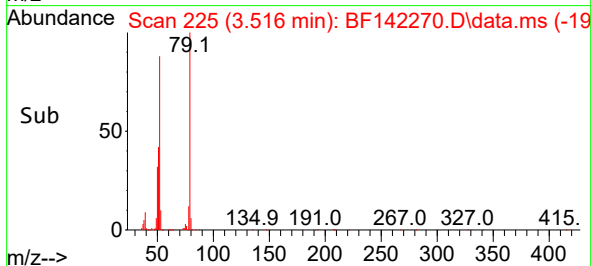
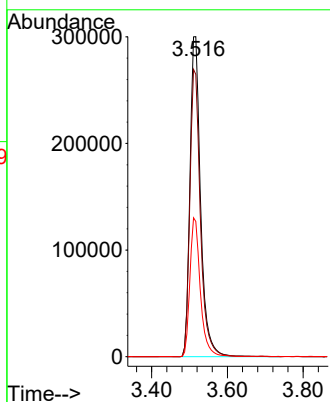
Tgt Ion: 79 Resp: 586468  
Ion Ratio Lower Upper  
79 100  
52 88.2 71.5 107.3  
51 42.3 34.5 51.7

Manual Integrations  
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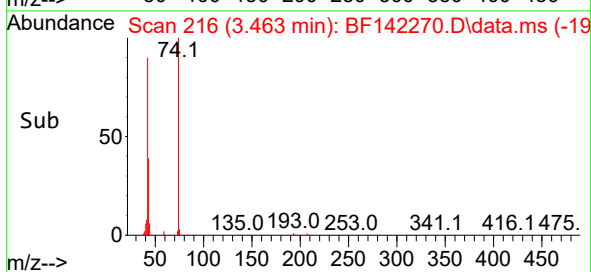
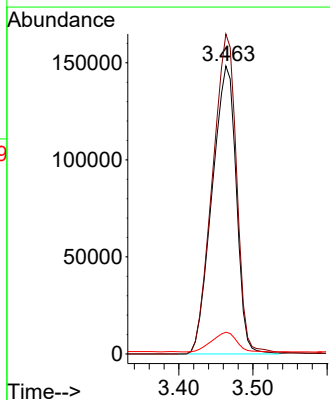
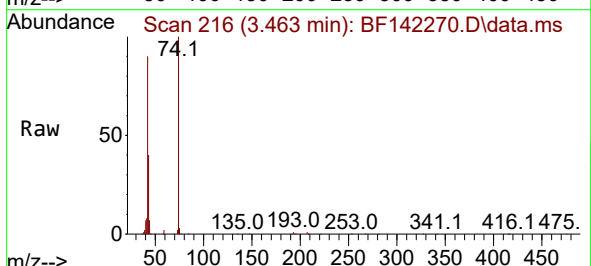
05/02/2025  
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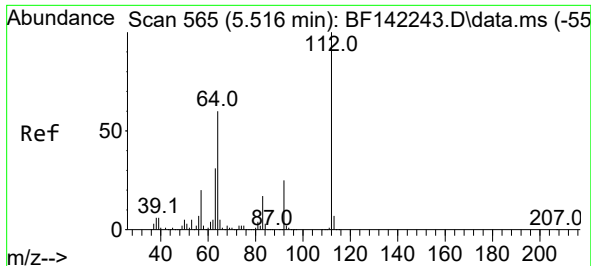
05/02/2025



#4  
n-Nitrosodimethylamine  
Concen: 43.715 ng  
RT: 3.463 min Scan# 216  
Delta R.T. 0.053 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

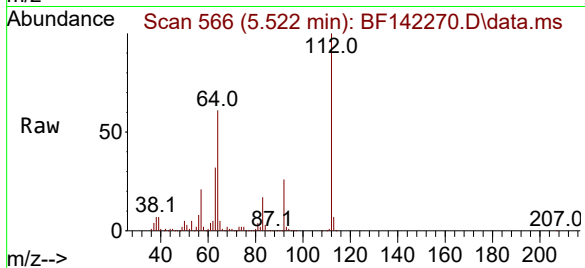
Tgt Ion: 42 Resp: 336346  
Ion Ratio Lower Upper  
42 100  
74 111.1 89.5 134.3  
44 7.6 6.6 9.8





#5  
2-Fluorophenol  
Concen: 85.729 ng  
RT: 5.522 min Scan# 509  
Delta R.T. 0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



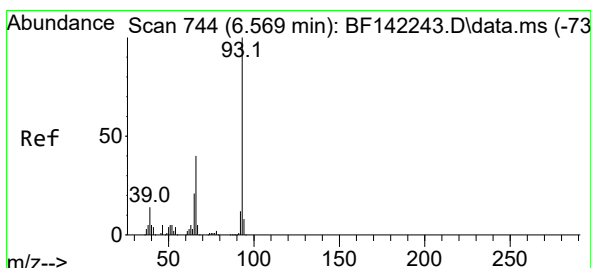
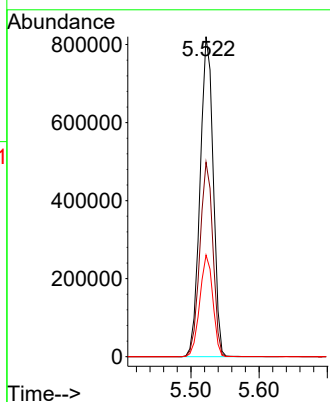
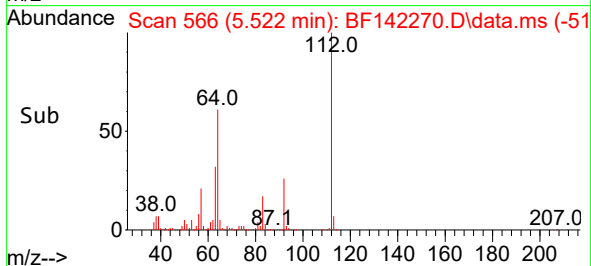
Tgt Ion: 112 Resp: 1098118  
Ion Ratio Lower Upper  
112 100  
64 60.8 48.4 72.6  
63 31.7 24.8 37.2

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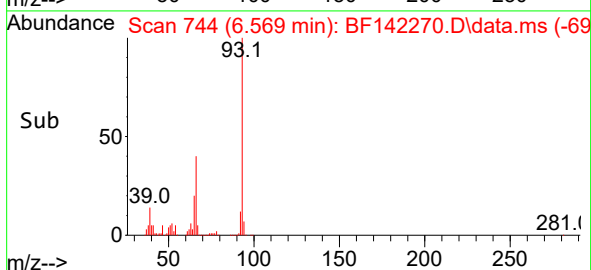
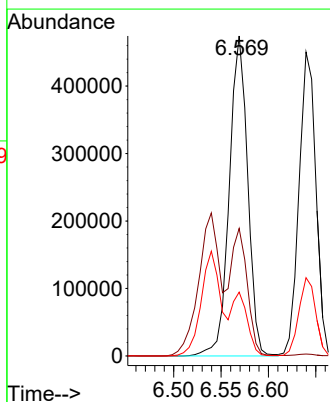
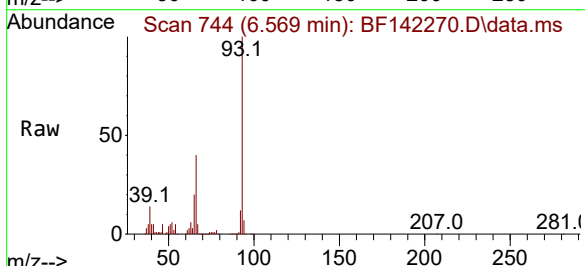
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Supervised By :Jagrut  
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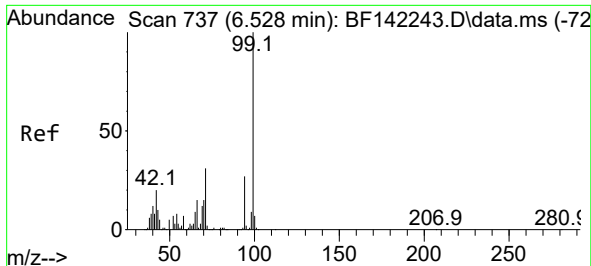
05/02/2025



#6  
Aniline  
Concen: 29.271 ng  
RT: 6.569 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

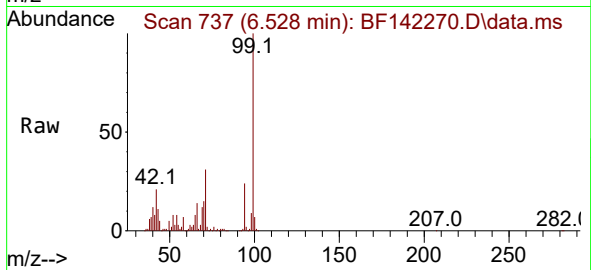
Tgt Ion: 93 Resp: 640860  
Ion Ratio Lower Upper  
93 100  
66 39.9 32.1 48.1  
65 20.0 16.6 24.8





#7  
Phenol-d6  
Concen: 87.225 ng  
RT: 6.528 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
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B-167-SB01MSD



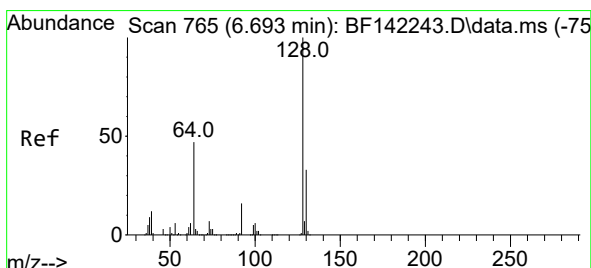
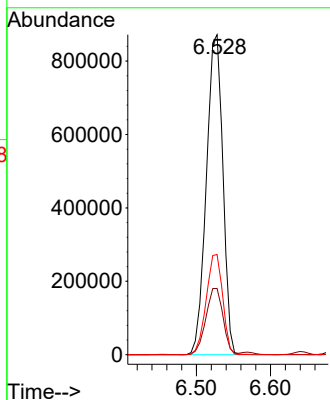
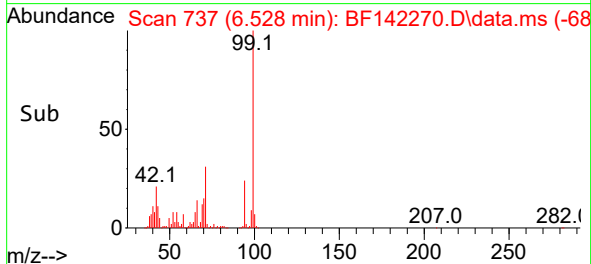
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Ion Ratio Lower Upper  
99 100  
42 20.7 16.3 24.5  
71 31.3 25.0 37.4

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Chavli

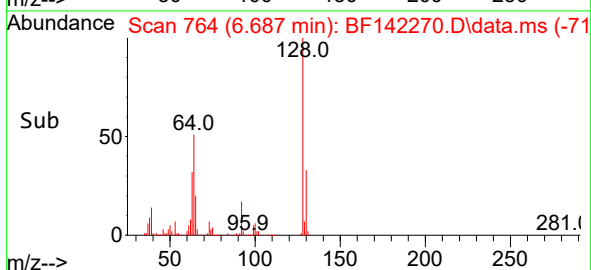
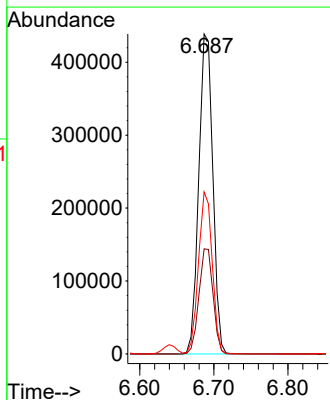
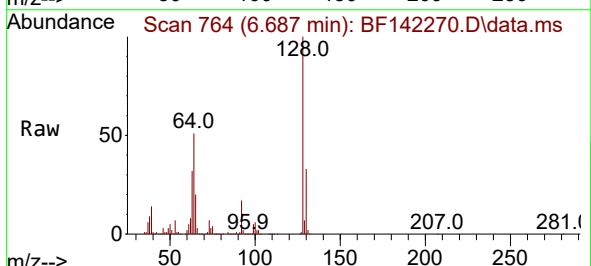
05/02/2025  
Supervised By :Jagrut  
Upadhyay

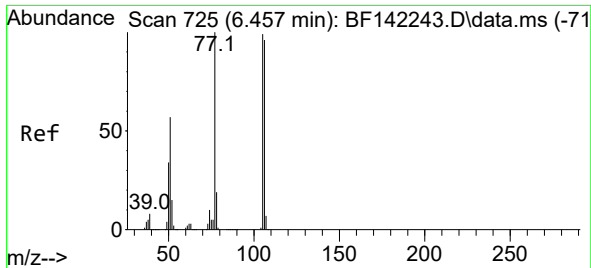
05/02/2025



#8  
2-Chlorophenol  
Concen: 43.572 ng  
RT: 6.687 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

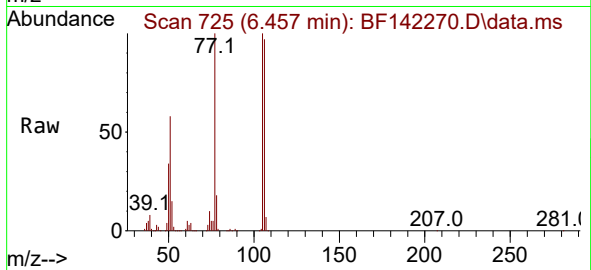
Tgt Ion:128 Resp: 576726  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.1 53.1  
64 50.7 28.6 68.6





#9  
Benzaldehyde  
Concen: 26.480 ng  
RT: 6.457 min Scan# 725  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



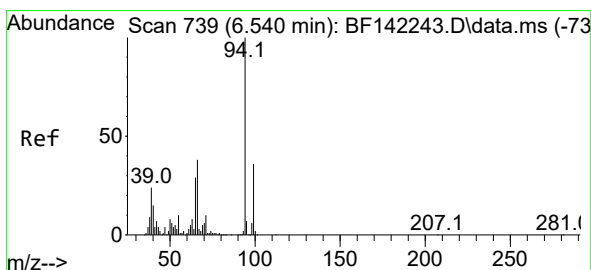
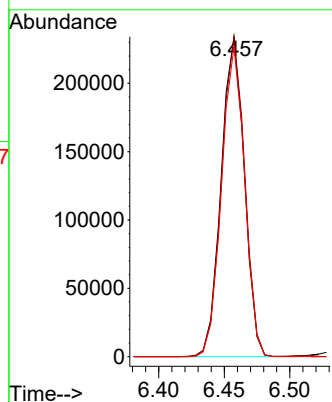
Tgt Ion: 77 Resp: 28627  
Ion Ratio Lower Upper  
77 100  
105 100.2 79.1 119.1  
106 96.9 76.0 116.0

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Reviewed By :Rahul  
Chavli

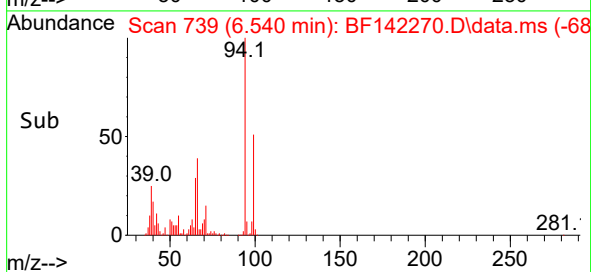
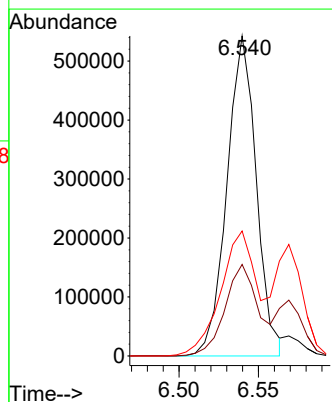
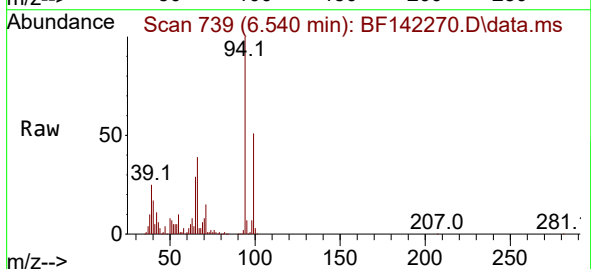
05/02/2025  
Supervised By :Jagrut  
Upadhyay

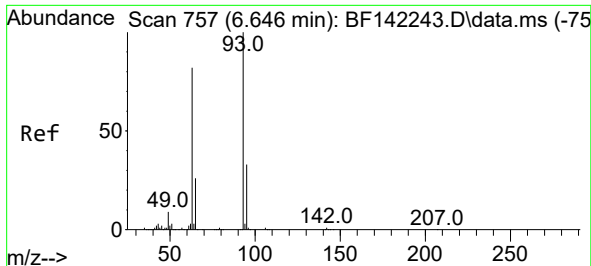
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#10  
Phenol  
Concen: 42.004 ng m  
RT: 6.540 min Scan# 739  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

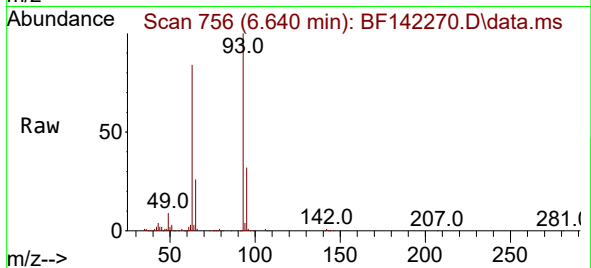
Tgt Ion: 94 Resp: 699472  
Ion Ratio Lower Upper  
94 100  
65 28.6 8.9 48.9  
66 39.1 18.7 58.7





#11  
bis(2-Chloroethyl)ether  
Concen: 43.034 ng  
RT: 6.640 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



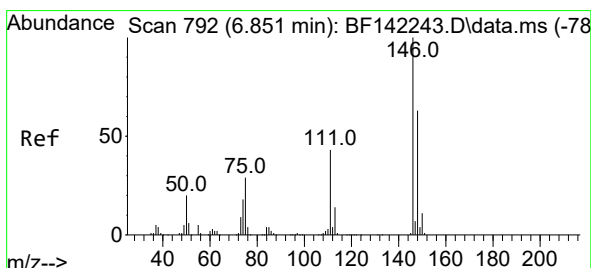
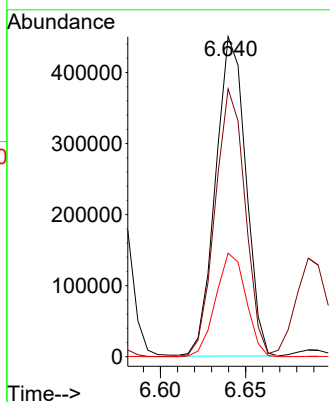
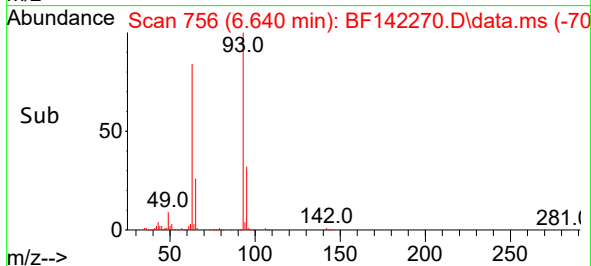
Tgt Ion: 93 Resp: 555314  
Ion Ratio Lower Upper  
93 100  
63 83.7 62.2 102.2  
95 32.3 12.7 52.7

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Chavli

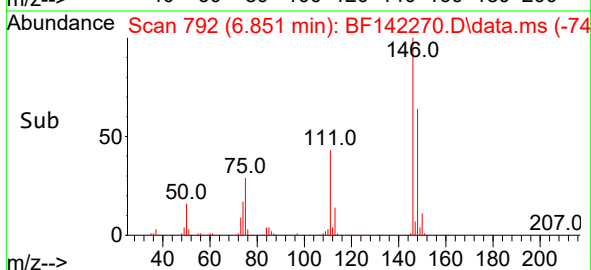
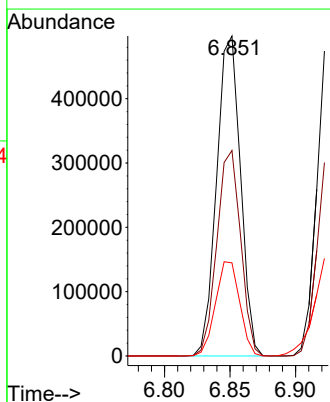
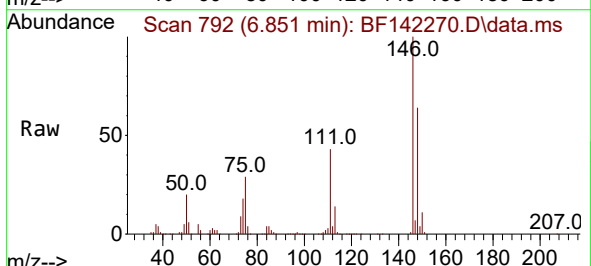
05/02/2025  
Supervised By :Jagrut  
Upadhyay

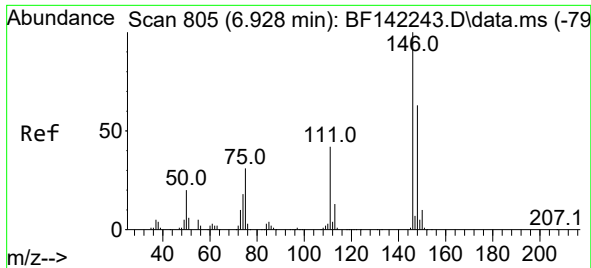
05/02/2025



#12  
1,3-Dichlorobenzene  
Concen: 41.999 ng  
RT: 6.851 min Scan# 792  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

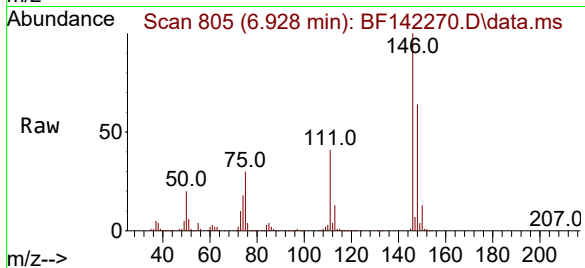
Tgt Ion:146 Resp: 628881  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.5 75.7  
75 29.1 23.2 34.8





#13  
1,4-Dichlorobenzene  
Concen: 42.264 ng  
RT: 6.928 min Scan# 805  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



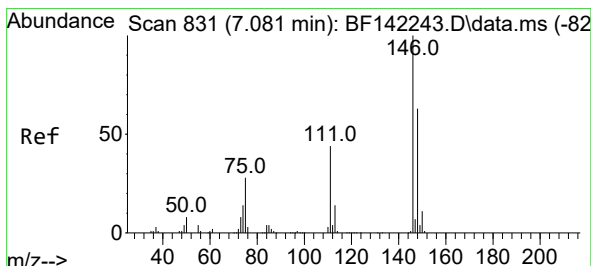
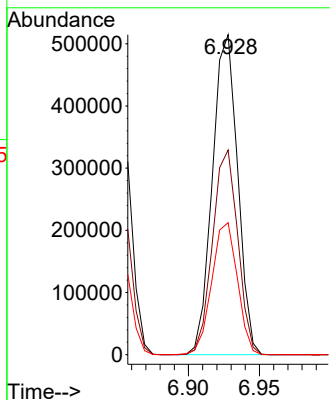
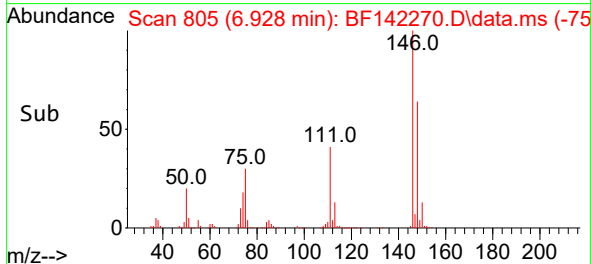
Tgt Ion:146 Resp: 637600  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.6 76.0  
111 41.3 33.4 50.0

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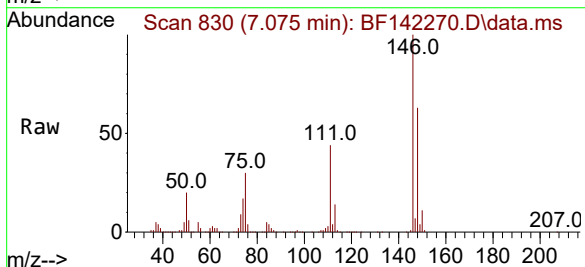
Reviewed By :Rahul  
Chavli

05/02/2025  
Supervised By :Jagrut  
Upadhyay

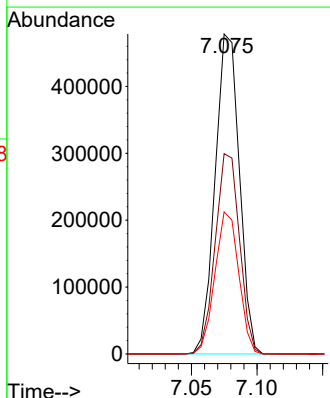
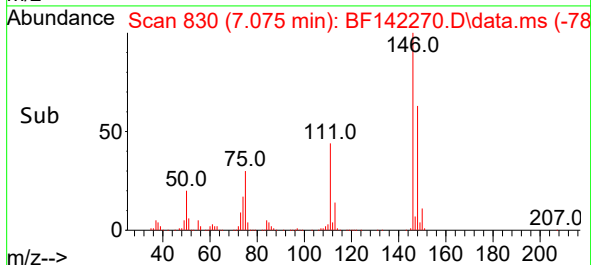
05/02/2025

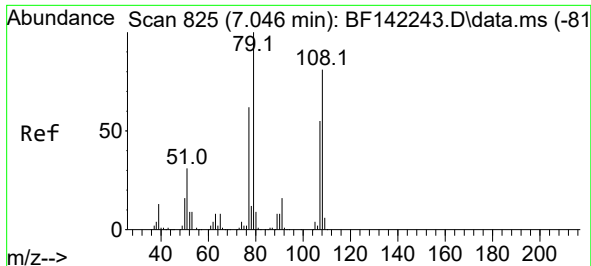


#14  
1,2-Dichlorobenzene  
Concen: 42.685 ng  
RT: 7.075 min Scan# 830  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52



Tgt Ion:146 Resp: 614756  
Ion Ratio Lower Upper  
146 100  
148 62.6 50.5 75.7  
111 44.4 34.9 52.3





#15

Benzyl Alcohol

Concen: 42.978 ng

RT: 7.045 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA\_F

ClientSampleId :

B-167-SB01MSD

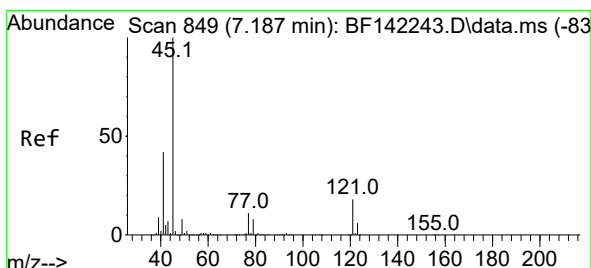
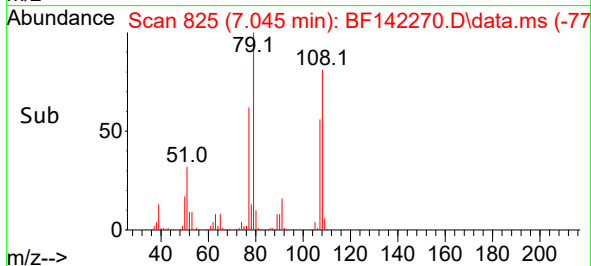
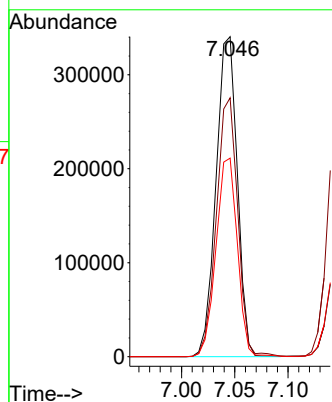
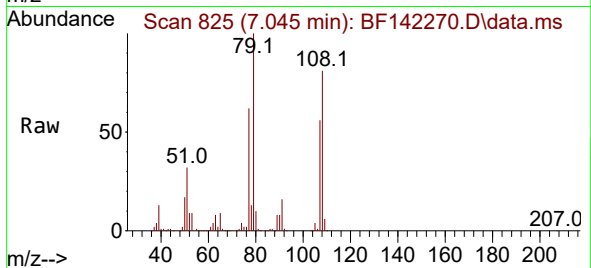
Tgt Ion: 79 Resp: 471490  
 Ion Ratio Lower Upper  
 79 100  
 108 80.9 64.5 96.7  
 77 62.0 49.2 73.8

Manual Integrations  
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 Chavli

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 Supervised By :Jagrut  
 Upadhyay

05/02/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.067 ng

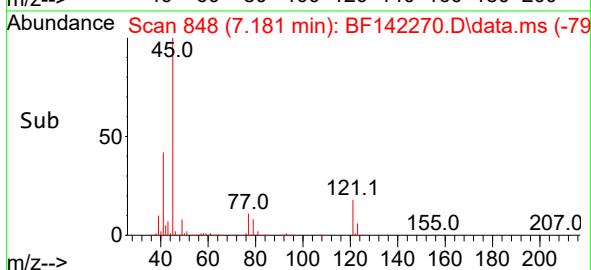
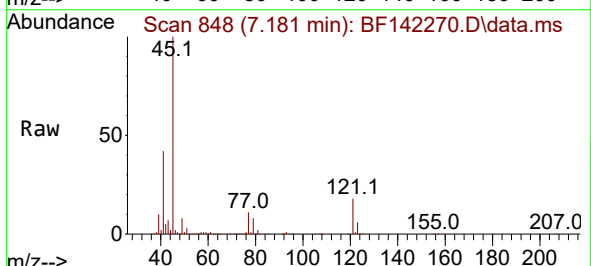
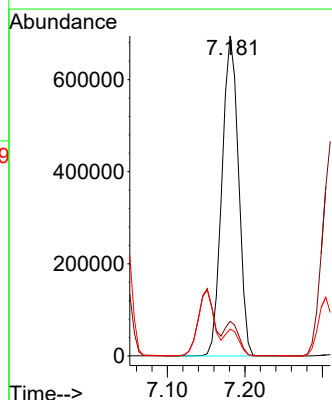
RT: 7.181 min Scan# 848

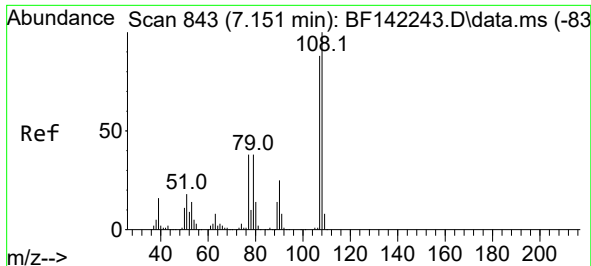
Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

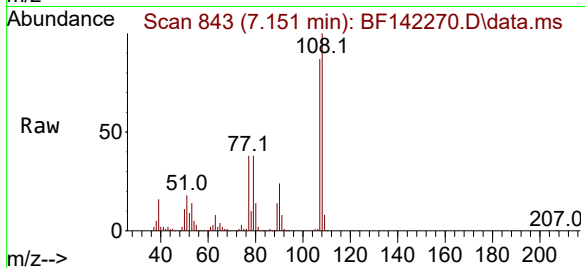
Tgt Ion: 45 Resp: 1026846  
 Ion Ratio Lower Upper  
 45 100  
 77 10.8 0.0 31.3  
 79 8.4 0.0 28.5





#17  
2-Methylphenol  
Concen: 41.139 ng  
RT: 7.151 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



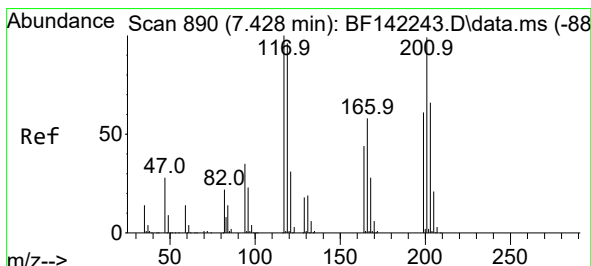
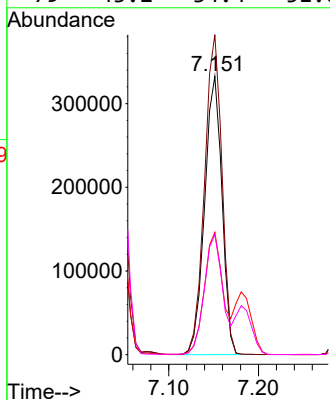
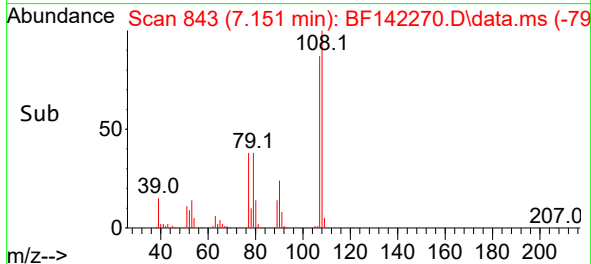
Tgt Ion:107 Resp: 446070  
Ion Ratio Lower Upper  
107 100  
108 114.9 91.0 136.4  
77 44.0 34.4 51.6  
79 43.2 34.4 51.6

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Chavli

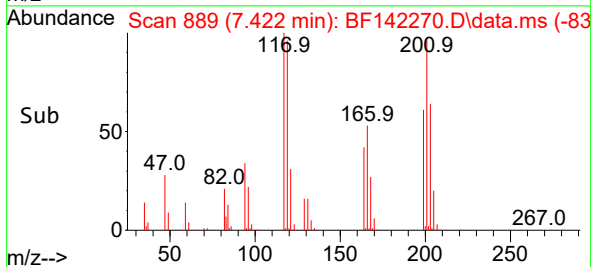
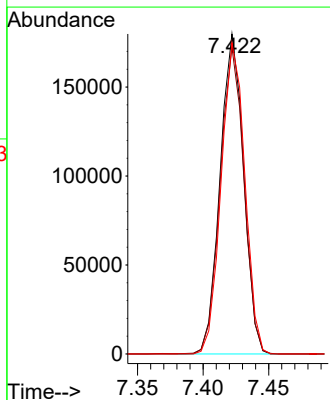
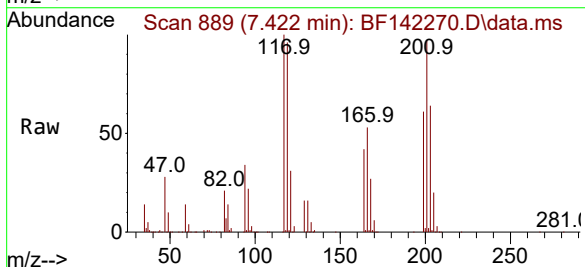
05/02/2025  
Supervised By :Jagrut  
Upadhyay

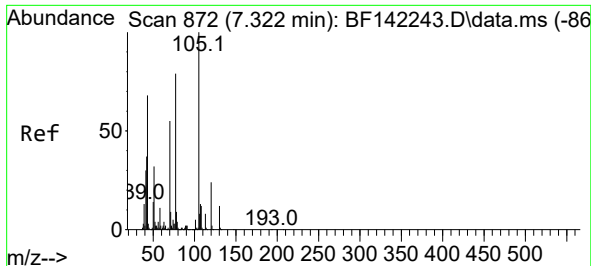
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#18  
Hexachloroethane  
Concen: 45.411 ng  
RT: 7.422 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

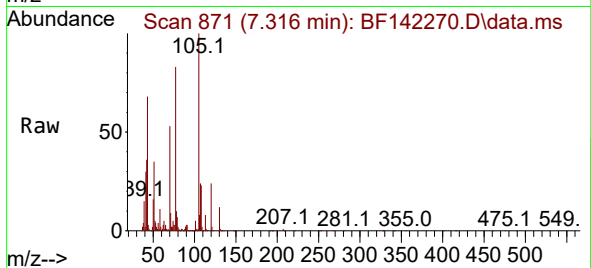
Tgt Ion:117 Resp: 224222  
Ion Ratio Lower Upper  
117 100  
119 95.8 77.1 115.7  
201 97.3 79.4 119.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.480 ng  
RT: 7.316 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



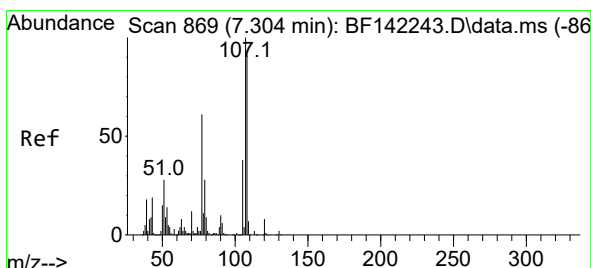
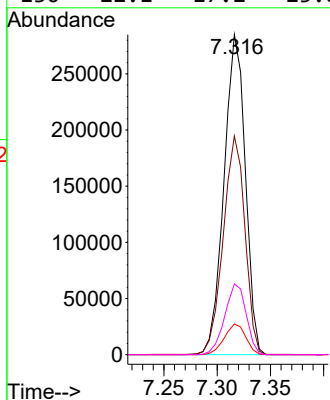
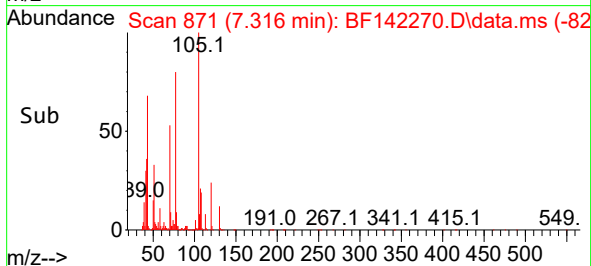
Tgt Ion: 70 Resp: 39648  
Ion Ratio Lower Upper  
70 100  
42 68.4 53.4 80.2  
101 9.6 7.7 11.5  
130 22.1 17.2 25.8

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Chavli

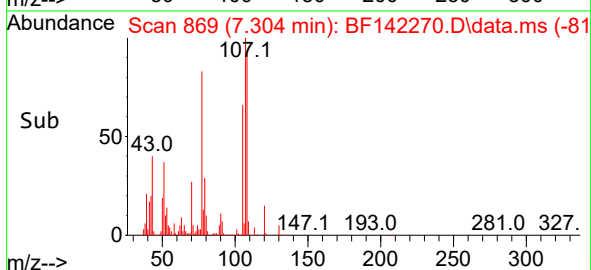
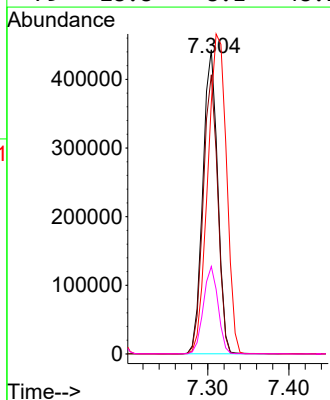
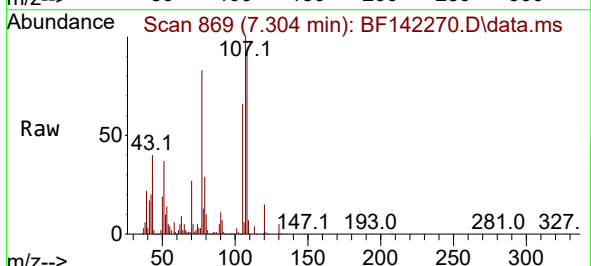
05/02/2025  
Supervised By :Jagrut  
Upadhyay

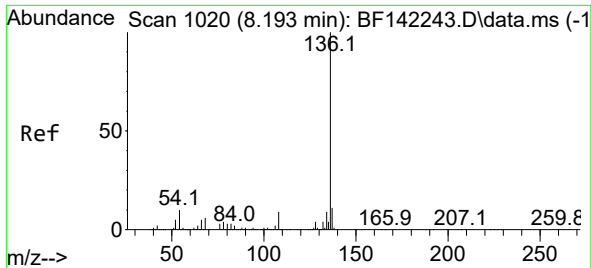
05/02/2025



#20  
3+4-Methylphenols  
Concen: 41.280 ng  
RT: 7.304 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

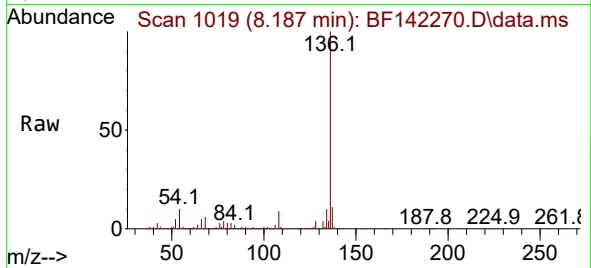
Tgt Ion:107 Resp: 559745  
Ion Ratio Lower Upper  
107 100  
108 91.8 71.2 111.2  
77 82.8 41.1 81.1#  
79 28.8 8.1 48.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



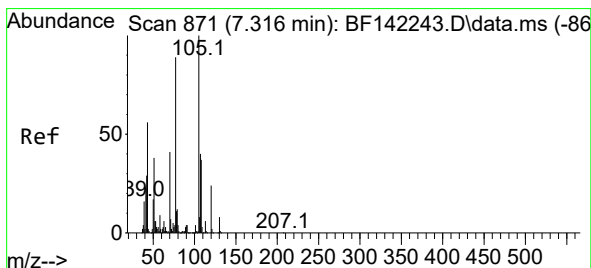
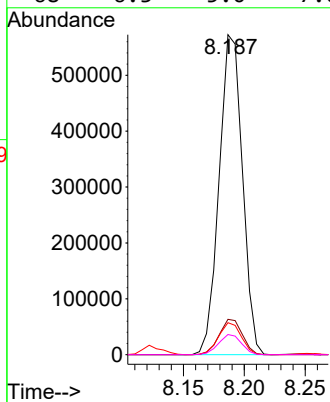
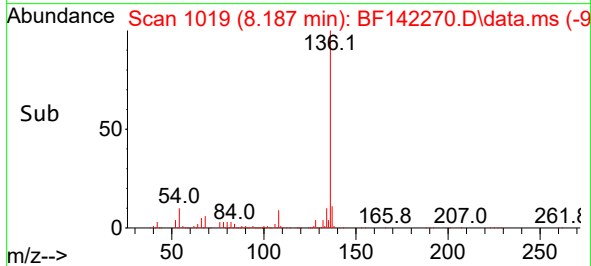
Tgt Ion:136 Resp: 762454  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 10.0 7.7 11.5  
68 6.3 5.0 7.6

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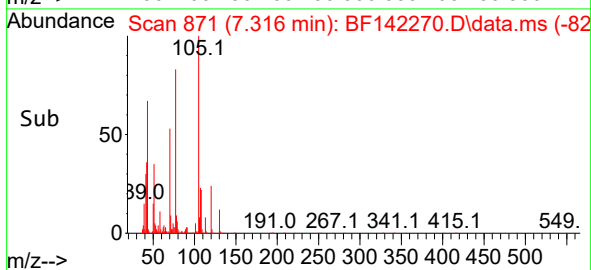
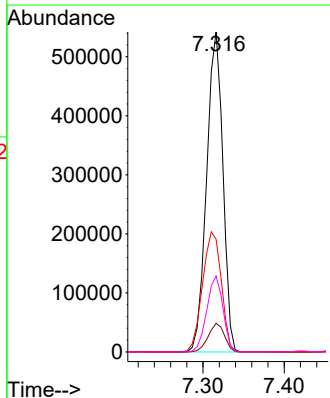
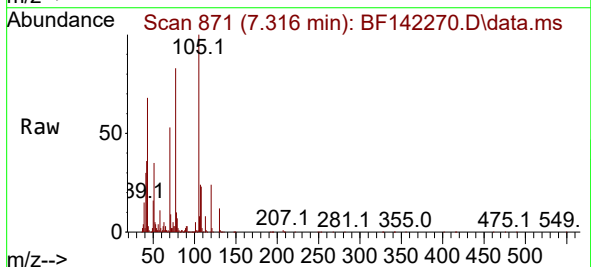
05/02/2025  
Supervised By :Jagrut  
Upadhyay

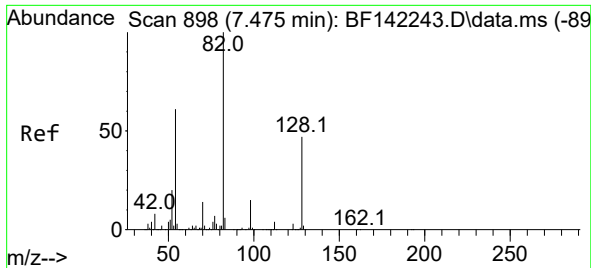
05/02/2025



#22  
Acetophenone  
Concen: 42.626 ng  
RT: 7.316 min Scan# 871  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

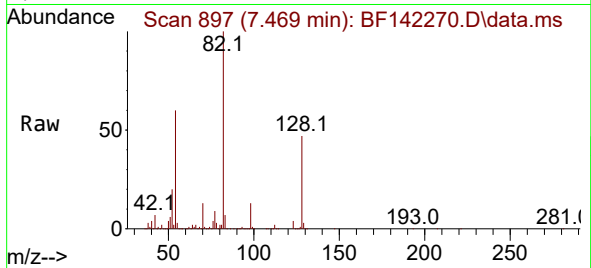
Tgt Ion:105 Resp: 751886  
Ion Ratio Lower Upper  
105 100  
71 8.9 5.7 8.5#  
51 35.2 30.1 45.1  
120 23.7 19.0 28.4





#23  
Nitrobenzene-d5  
Concen: 66.910 ng  
RT: 7.469 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



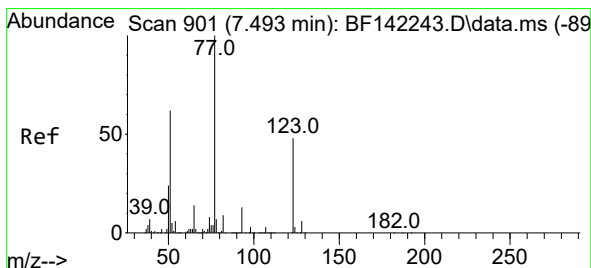
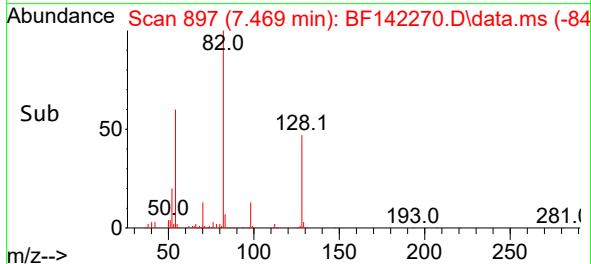
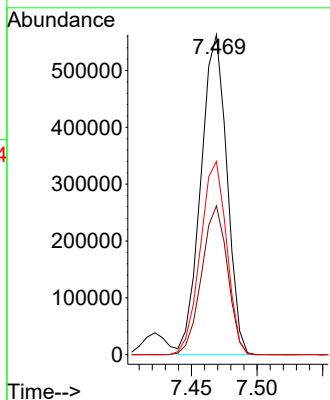
Tgt Ion: 82 Resp: 776525  
Ion Ratio Lower Upper  
82 100  
128 46.5 37.0 55.6  
54 60.4 48.0 72.0

Manual Integrations  
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Reviewed By :Rahul  
Chavli

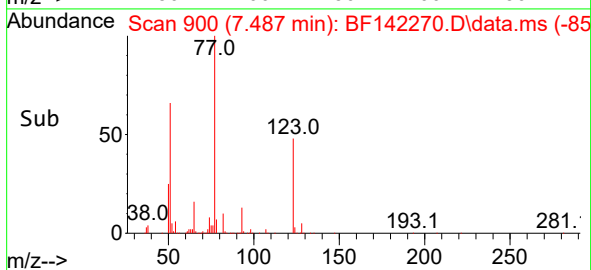
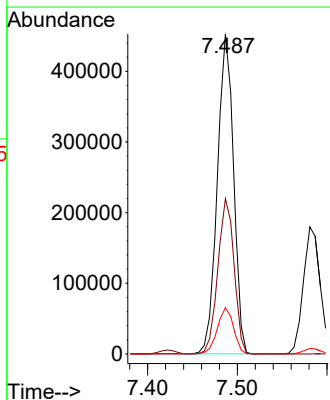
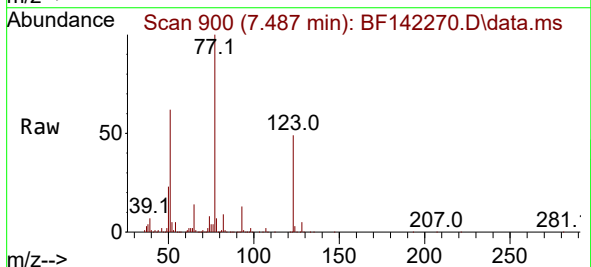
05/02/2025  
Supervised By :Jagrut  
Upadhyay

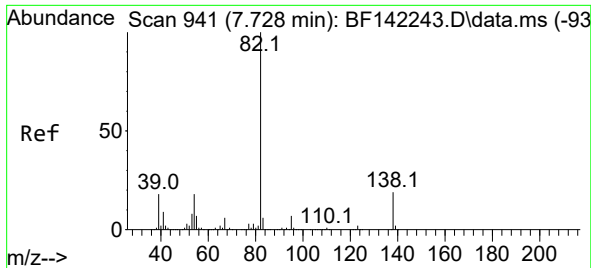
05/02/2025



#24  
Nitrobenzene  
Concen: 49.874 ng  
RT: 7.487 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion: 77 Resp: 567935  
Ion Ratio Lower Upper  
77 100  
123 48.6 38.6 58.0  
65 14.5 11.5 17.3





#25  
Isophorone  
Concen: 43.109 ng  
RT: 7.728 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD

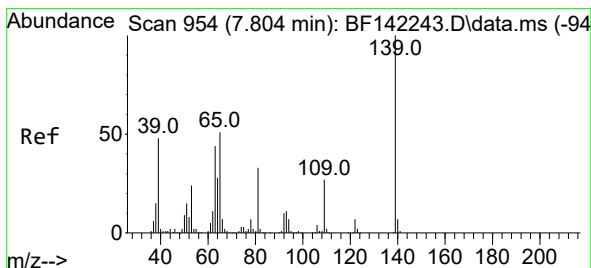
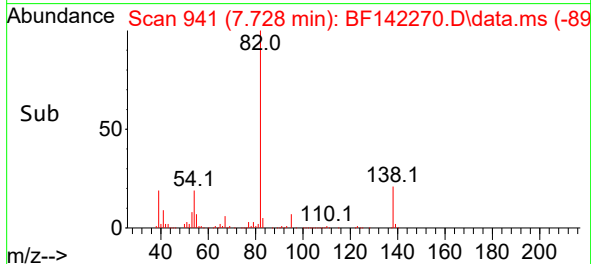
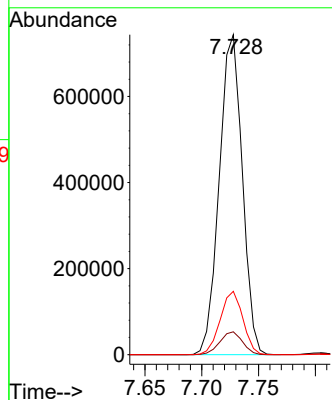
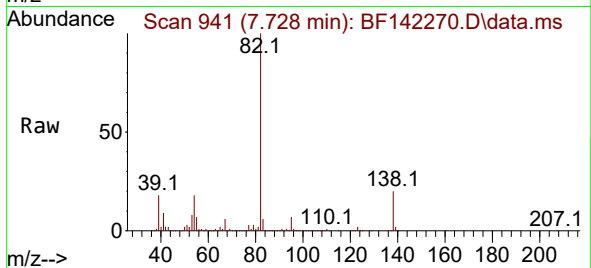
Tgt Ion: 82 Resp: 104998  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.6 8.4  
138 19.8 15.3 22.9

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Chavli

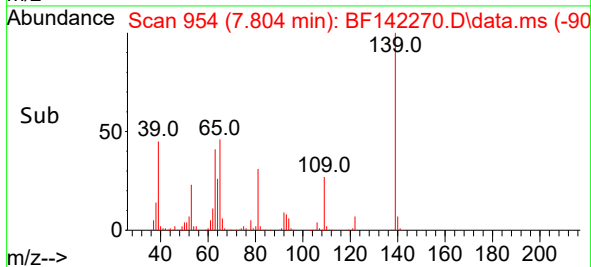
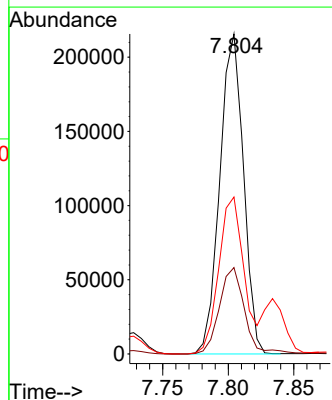
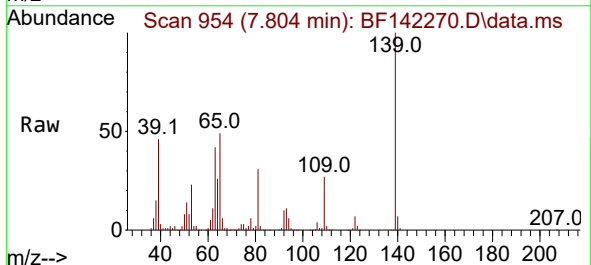
05/02/2025  
Supervised By :Jagrut  
Upadhyay

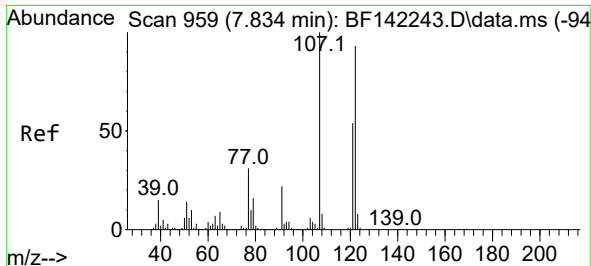
05/02/2025



#26  
2-Nitrophenol  
Concen: 54.552 ng  
RT: 7.804 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:139 Resp: 270273  
Ion Ratio Lower Upper  
139 100  
109 27.0 21.8 32.8  
65 49.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 43.212 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142270.D

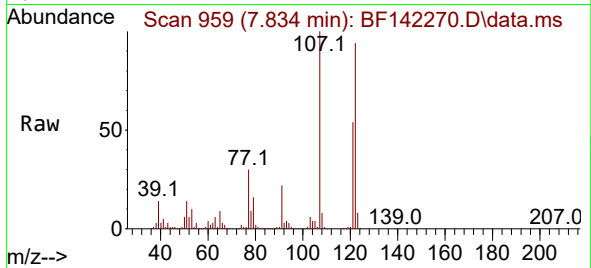
Acq: 01 May 2025 19:52

Instrument :

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ClientSampleId :

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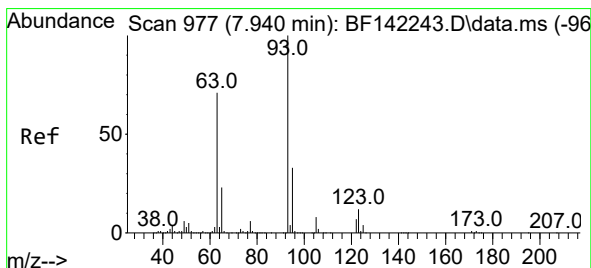
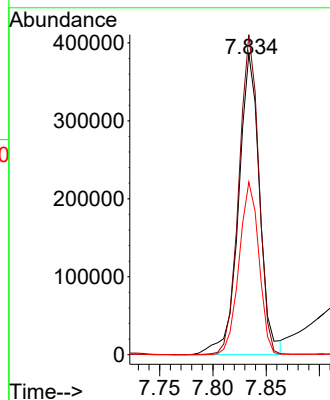
|             |                  |
|-------------|------------------|
| Tgt Ion:122 | Resp: 530664     |
| Ion Ratio   | Lower Upper      |
| 122         | 100              |
| 107         | 106.3 86.0 129.0 |
| 121         | 57.4 46.3 69.5   |

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Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 44.077 ng

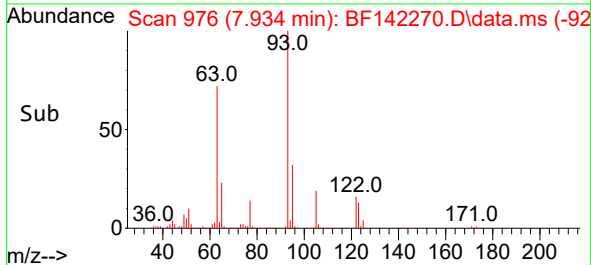
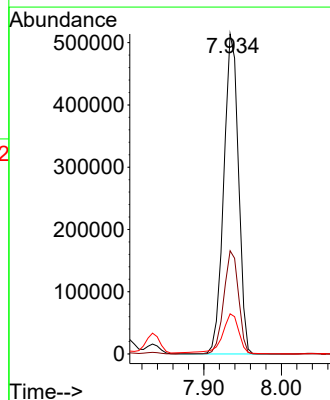
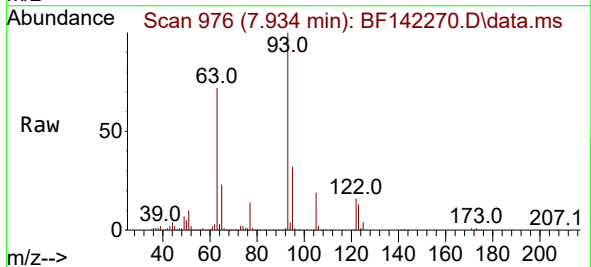
RT: 7.934 min Scan# 976

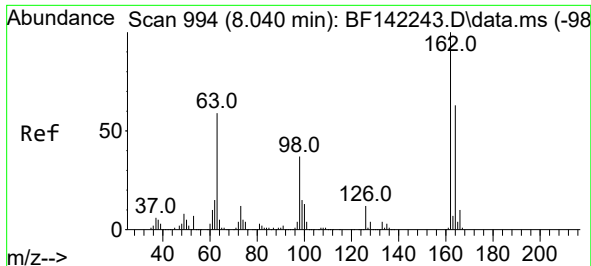
Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

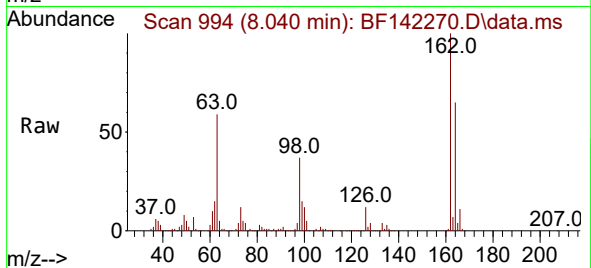
|             |                |
|-------------|----------------|
| Tgt Ion: 93 | Resp: 677074   |
| Ion Ratio   | Lower Upper    |
| 93          | 100            |
| 95          | 32.3 26.2 39.2 |
| 123         | 12.6 9.7 14.5  |





#29  
2,4-Dichlorophenol  
Concen: 43.927 ng  
RT: 8.040 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



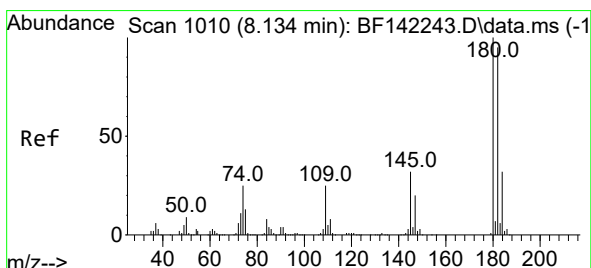
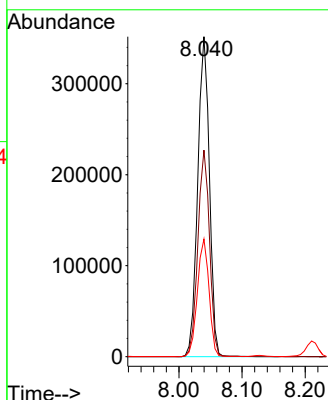
Tgt Ion:162 Resp: 450990  
Ion Ratio Lower Upper  
162 100  
164 64.6 43.0 83.0  
98 36.7 16.7 56.7

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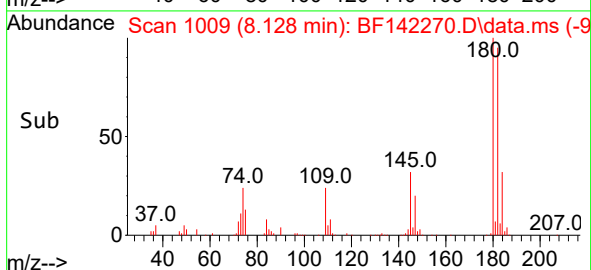
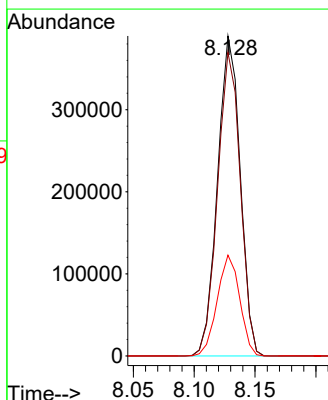
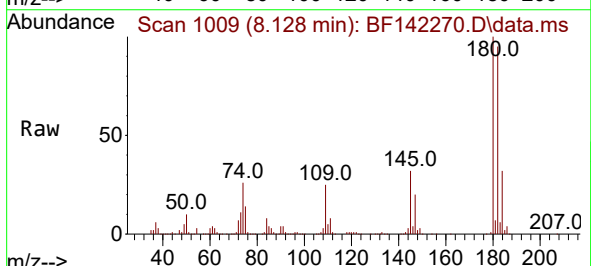
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Upadhyay

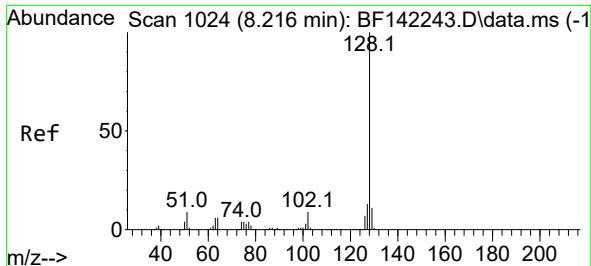
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#30  
1,2,4-Trichlorobenzene  
Concen: 44.110 ng  
RT: 8.128 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:180 Resp: 505370  
Ion Ratio Lower Upper  
180 100  
182 94.9 75.7 113.5  
145 31.5 25.4 38.0





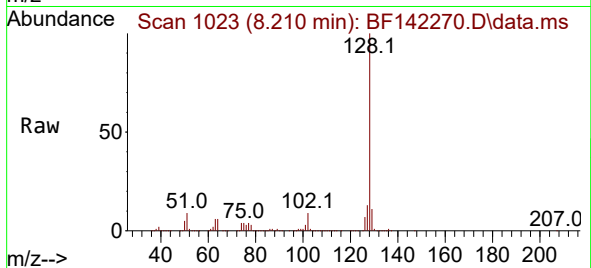
#31  
Naphthalene  
Concen: 42.898 ng  
RT: 8.210 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :

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ClientSampleId :

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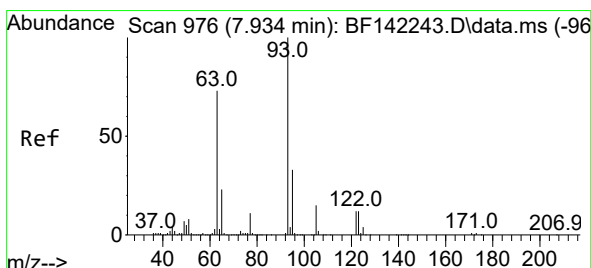
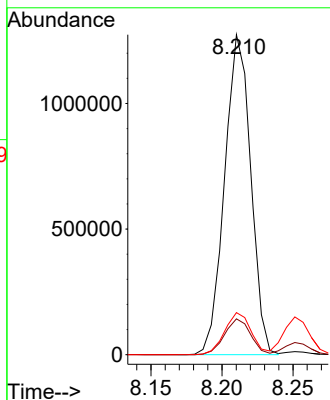
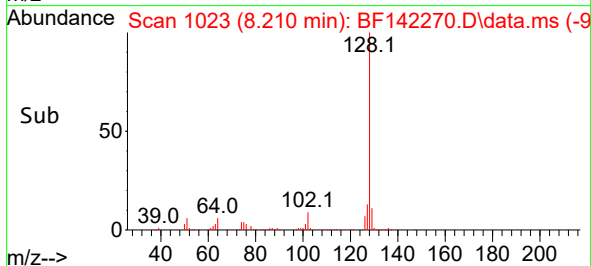
Tgt Ion:128 Resp: 1631154  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.2 10.6 15.8

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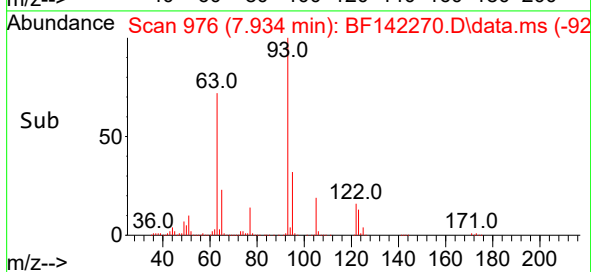
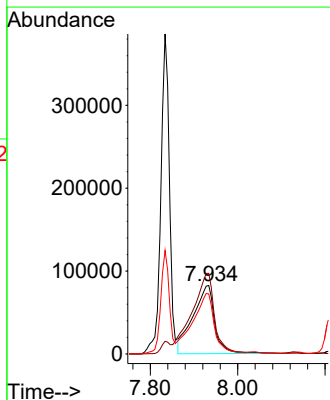
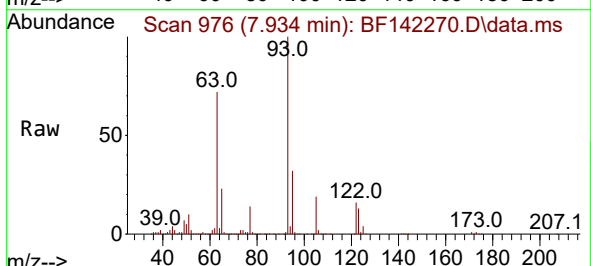
05/02/2025  
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Upadhyay

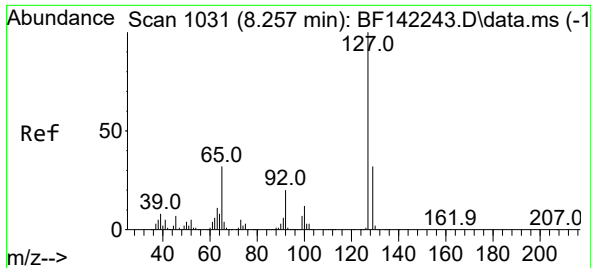
05/02/2025



#32  
Benzoic acid  
Concen: 48.669 ng  
RT: 7.934 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:122 Resp: 285536  
Ion Ratio Lower Upper  
122 100  
105 117.7 98.2 138.2  
77 87.6 66.8 106.8





#33  
4-Chloroaniline  
Concen: 11.933 ng  
RT: 8.251 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :

BNA\_F

ClientSampleId :

B-167-SB01MSD

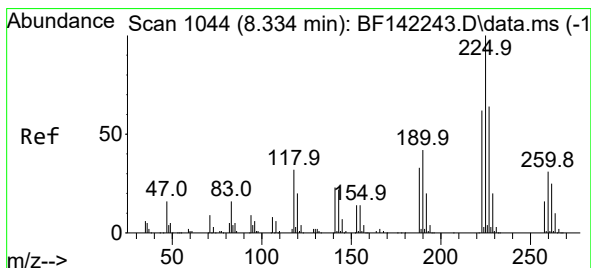
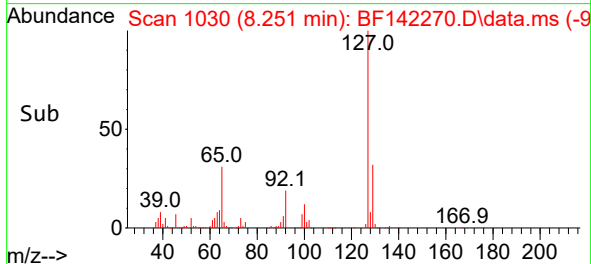
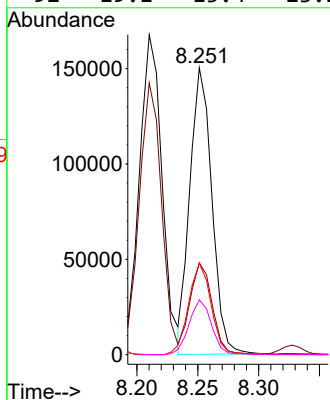
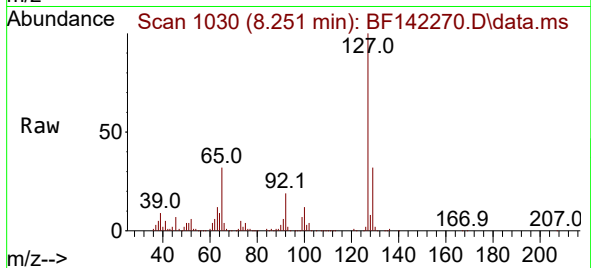
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 188949 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.0  | 26.1  | 39.1   |
| 65        | 31.9  | 25.5  | 38.3   |
| 92        | 19.1  | 15.4  | 23.2   |

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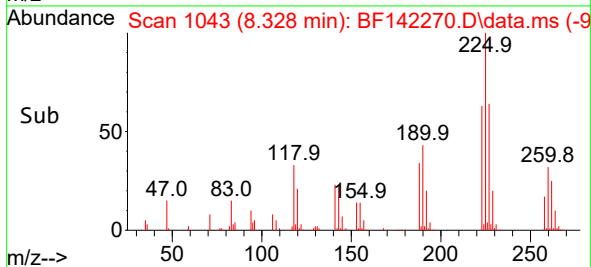
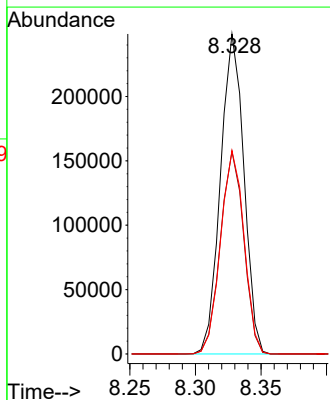
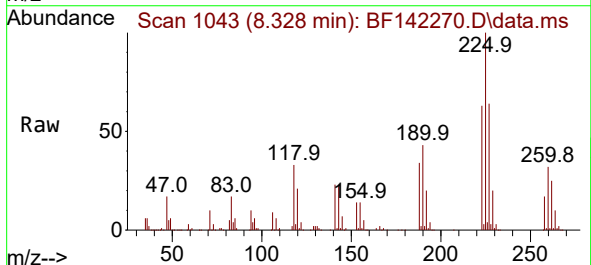
05/02/2025  
Supervised By :Jagrut  
Upadhyay

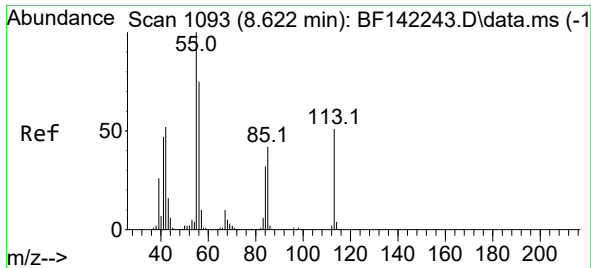
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#34  
Hexachlorobutadiene  
Concen: 46.100 ng  
RT: 8.328 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

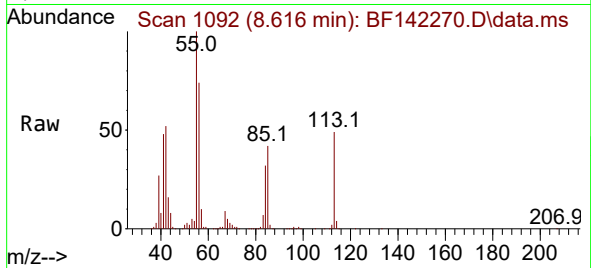
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 308153 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.3  | 49.7  | 74.5   |
| 227       | 63.6  | 51.0  | 76.4   |





#35  
Caprolactam  
Concen: 40.210 ng m  
RT: 8.616 min Scan# 1093  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



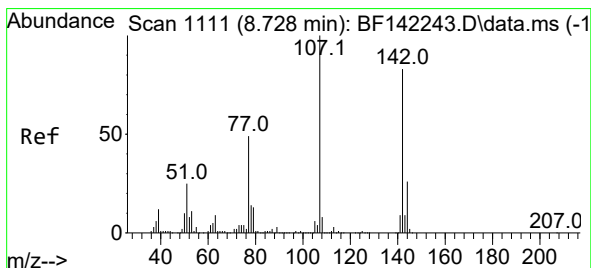
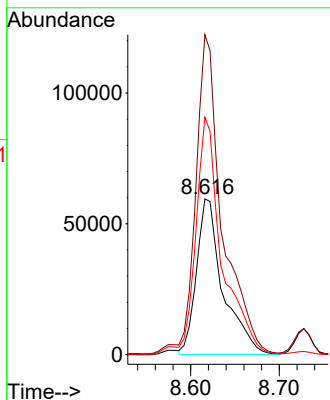
Tgt Ion:113 Resp: 12408  
Ion Ratio Lower Upper  
113 100  
55 205.5 177.7 217.7  
56 152.5 127.1 167.1

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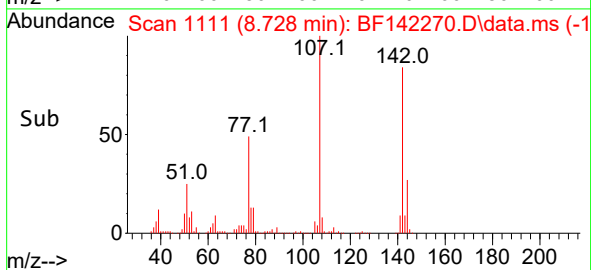
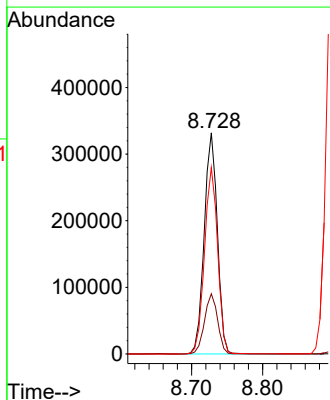
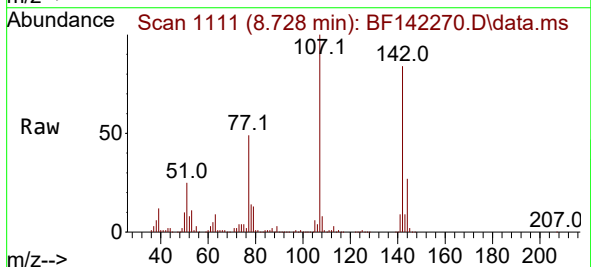
05/02/2025  
Supervised By :Jagrut  
Upadhyay

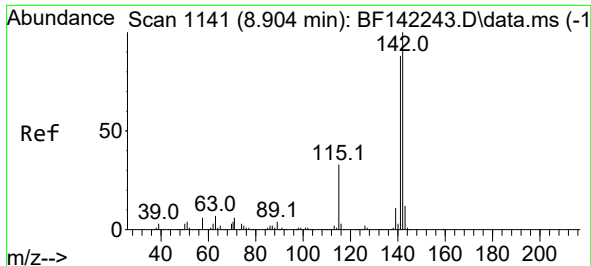
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#36  
4-Chloro-3-methylphenol  
Concen: 40.609 ng  
RT: 8.728 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:107 Resp: 428130  
Ion Ratio Lower Upper  
107 100  
144 27.3 21.0 31.4  
142 84.3 66.1 99.1





#37  
2-Methylnaphthalene  
Concen: 41.802 ng  
RT: 8.898 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD

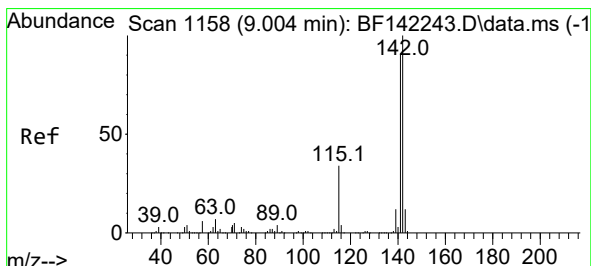
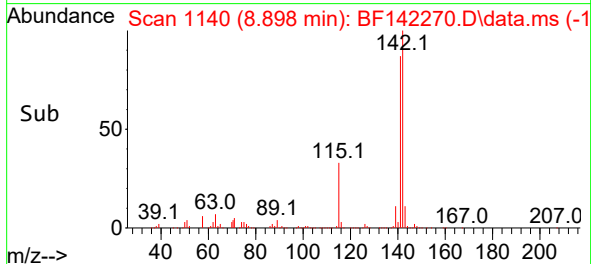
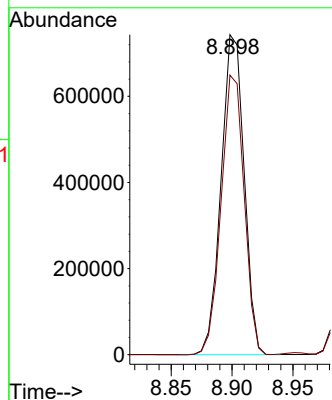
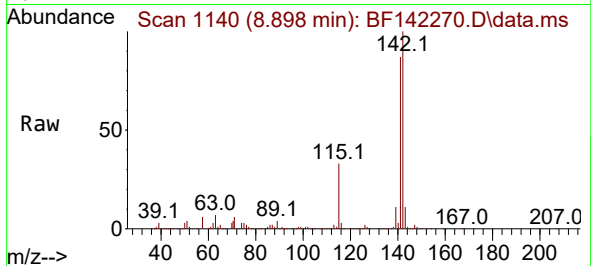
Tgt Ion:142 Resp: 97725  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.5 105.7

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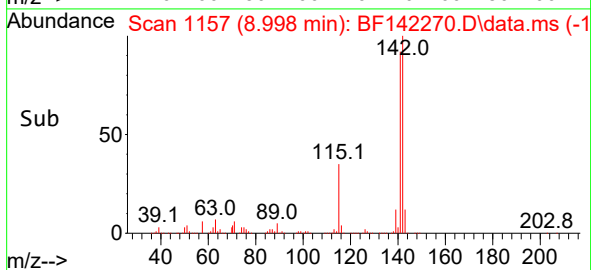
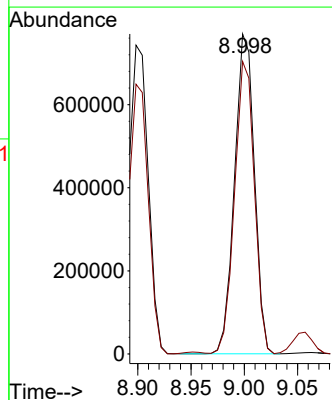
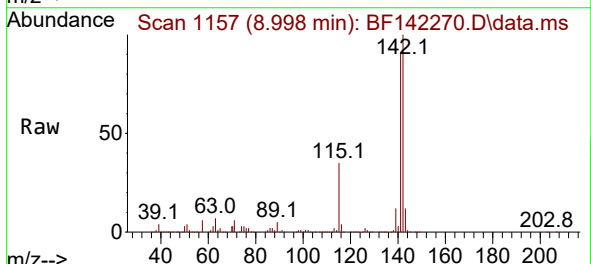
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Supervised By :Jagrut  
Upadhyay

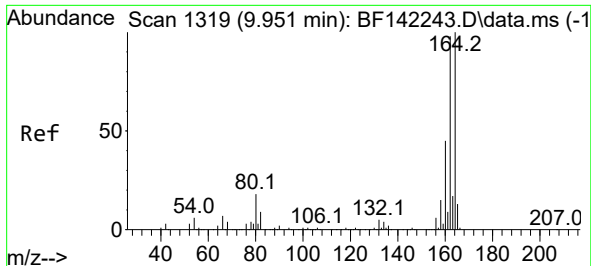
05/02/2025



#38  
1-Methylnaphthalene  
Concen: 41.279 ng  
RT: 8.998 min Scan# 1157  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:142 Resp: 999740  
Ion Ratio Lower Upper  
142 100  
141 91.4 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142270.D

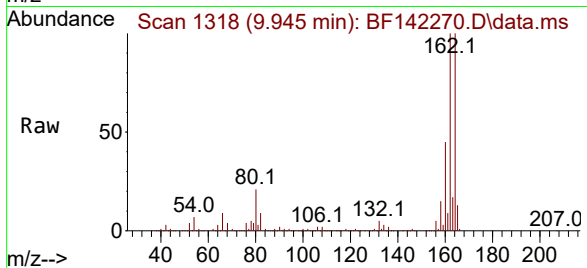
Acq: 01 May 2025 19:52

Instrument :

BNA\_F

ClientSampleId :

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| Tgt Ion:  | 164   | Resp: | 351872 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.8  | 78.6  | 117.8  |
| 160       | 44.6  | 35.7  | 53.5   |

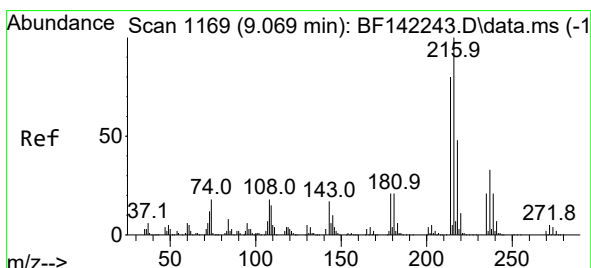
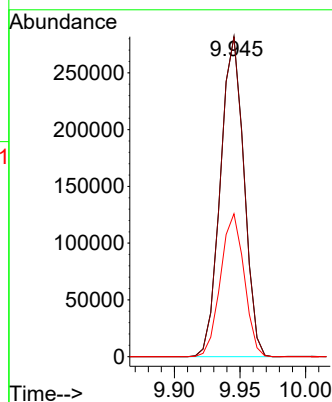
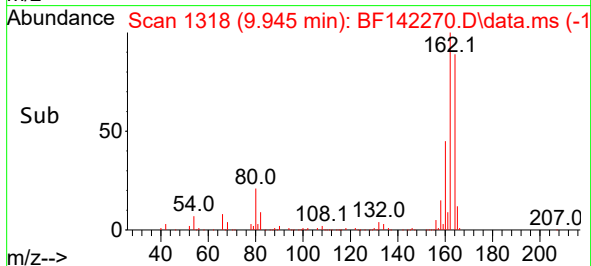
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Chavli

05/02/2025

Supervised By :Jagrut  
Upadhyay

05/02/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.654 ng

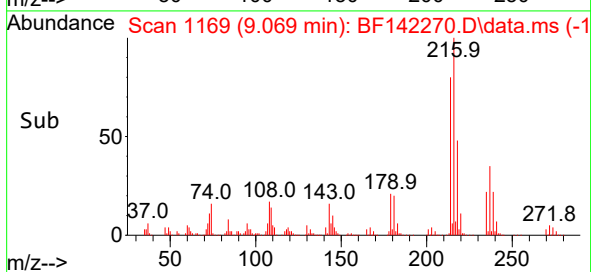
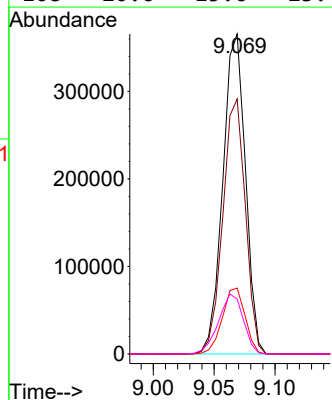
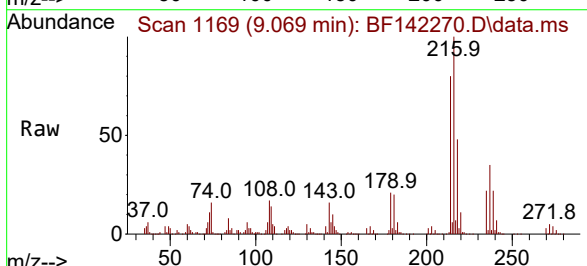
RT: 9.069 min Scan# 1169

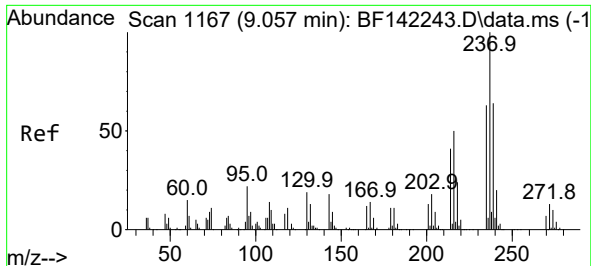
Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

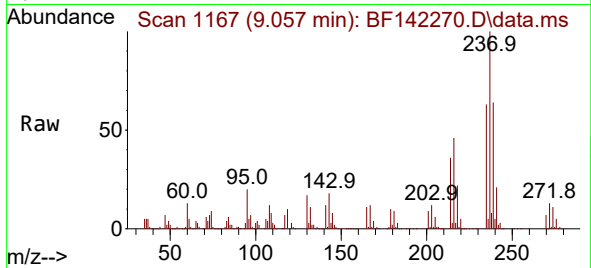
| Tgt Ion:  | 216   | Resp: | 471907 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.4  | 63.8  | 95.6   |
| 179       | 20.9  | 16.7  | 25.1   |
| 108       | 20.6  | 15.6  | 23.4   |





#41  
Hexachlorocyclopentadiene  
Concen: 98.586 ng  
RT: 9.057 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



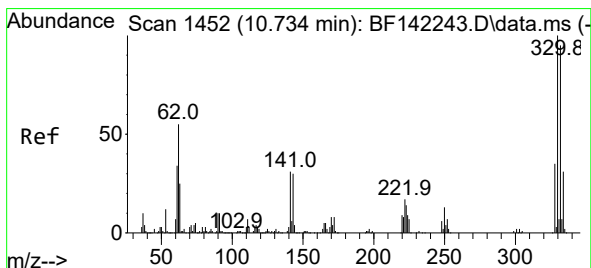
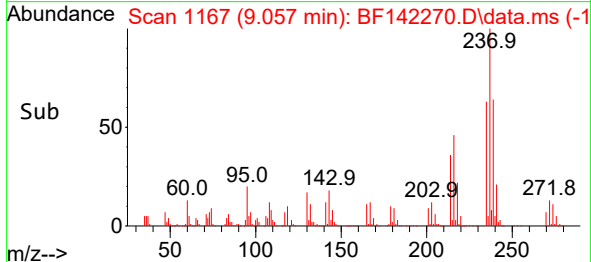
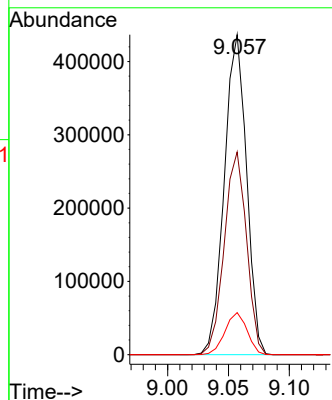
Tgt Ion:237 Resp: 55408  
Ion Ratio Lower Upper  
237 100  
235 63.3 43.5 83.5  
272 13.2 0.0 32.9

Manual Integrations  
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Reviewed By :Rahul  
Chavli

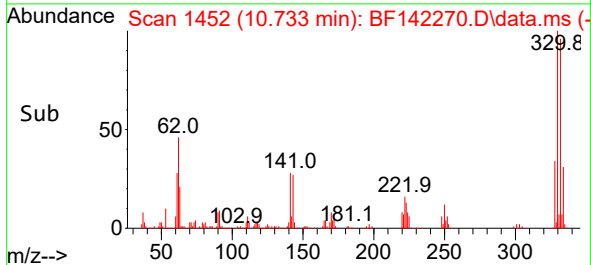
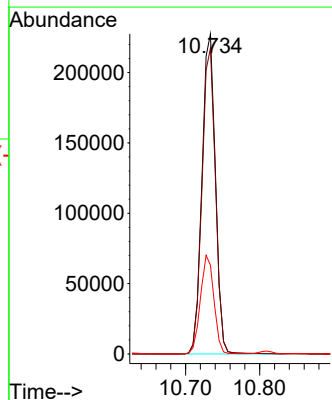
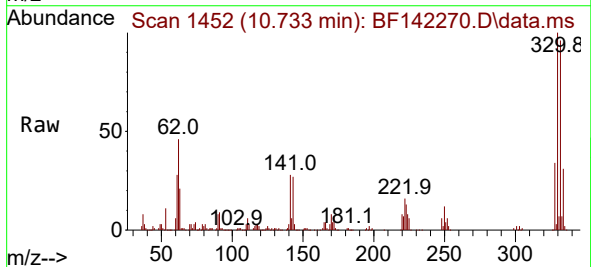
05/02/2025  
Supervised By :Jagrut  
Upadhyay

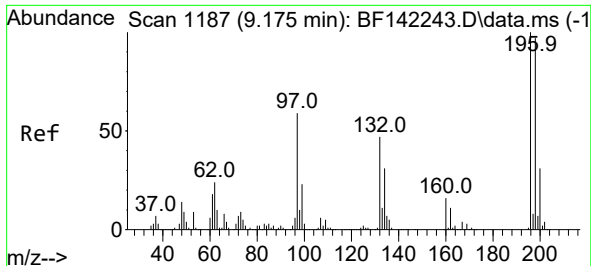
05/02/2025



#42  
2,4,6-Tribromophenol  
Concen: 89.247 ng  
RT: 10.733 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:330 Resp: 286287  
Ion Ratio Lower Upper  
330 100  
332 95.6 76.5 114.7  
141 30.9 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 49.853 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142270.D

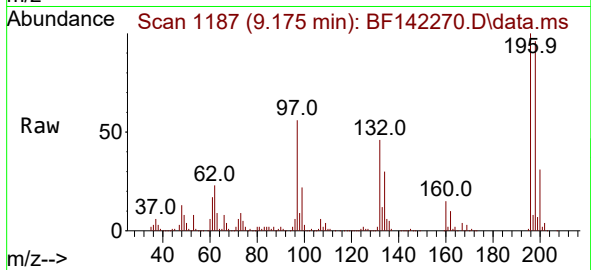
Acq: 01 May 2025 19:52

Instrument :

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ClientSampleId :

B-167-SB01MSD



Tgt Ion:196 Resp: 30592

Ion Ratio Lower Upper

196 100

198 96.2 77.4 116.2

200 31.3 24.6 37.0

Manual Integrations

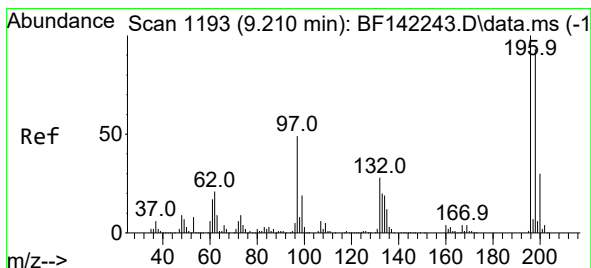
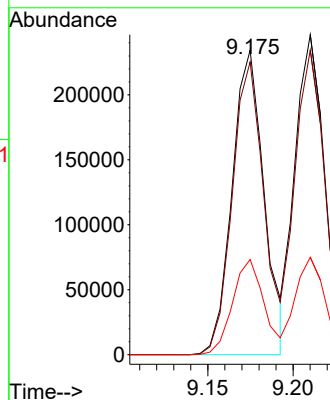
APPROVED

Reviewed By :Rahul  
Chavli

05/02/2025

Supervised By :Jagrut  
Upadhyay

05/02/2025



#44

2,4,5-Trichlorophenol

Concen: 46.102 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Tgt Ion:196 Resp: 297440

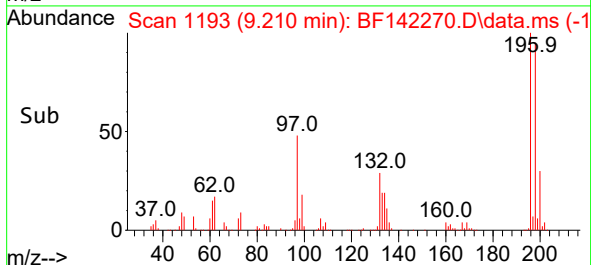
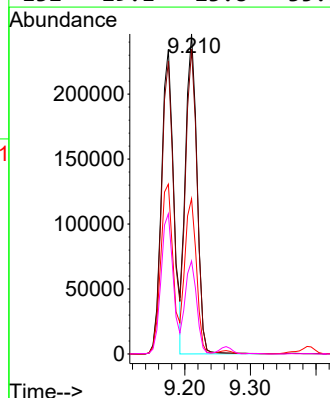
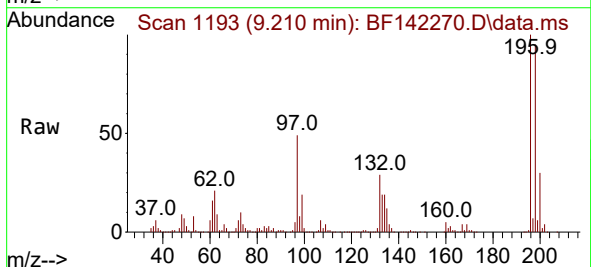
Ion Ratio Lower Upper

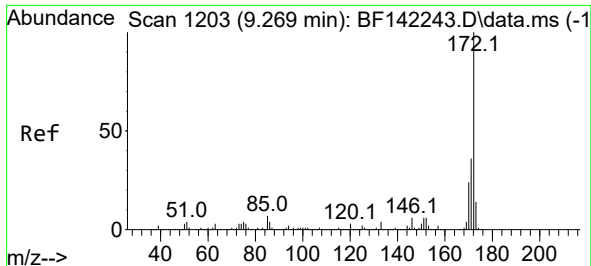
196 100

198 95.2 75.2 112.8

97 48.5 39.8 59.8

132 29.1 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 61.773 ng

RT: 9.263 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA\_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:172 Resp: 1541618

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.4

170 23.5 19.4 29.0

Manual Integrations

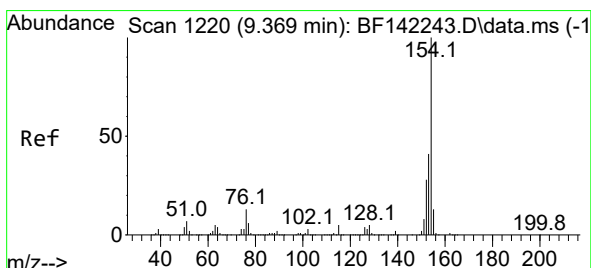
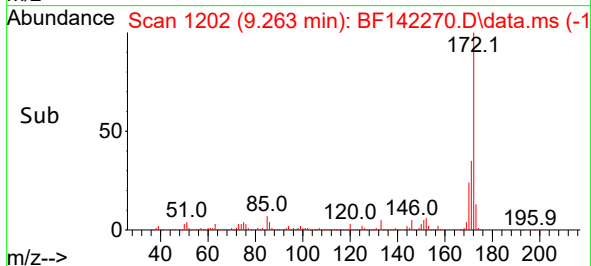
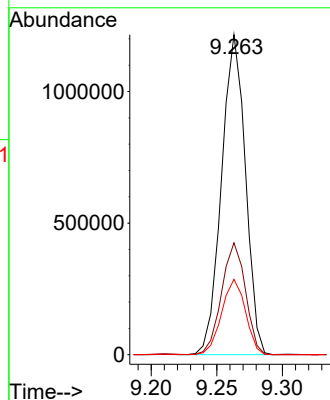
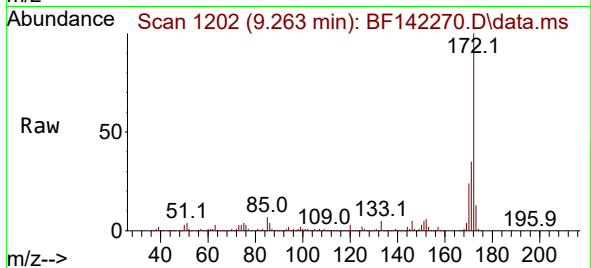
APPROVED

Reviewed By :Rahul  
Chavli

05/02/2025

Supervised By :Jagrut  
Upadhyay

05/02/2025



#46

1,1'-Biphenyl

Concen: 46.529 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

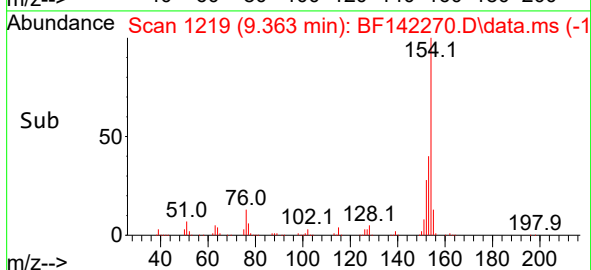
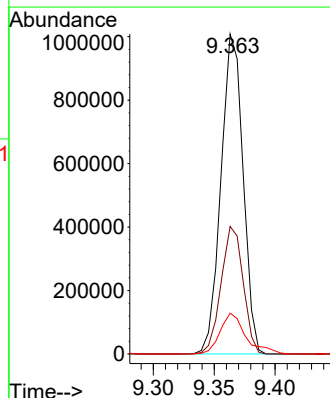
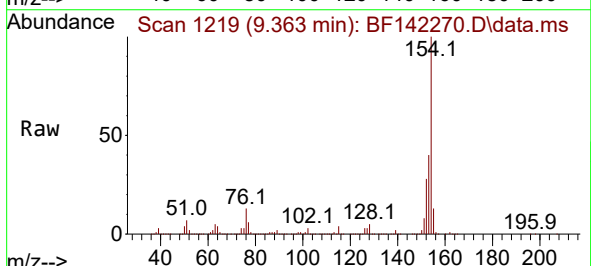
Tgt Ion:154 Resp: 1272788

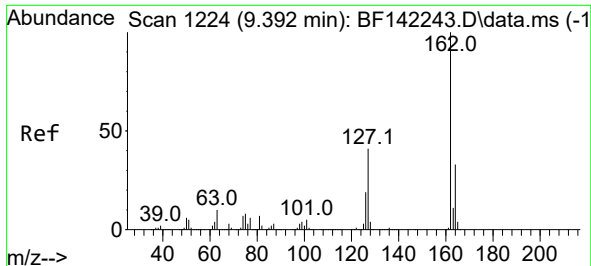
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

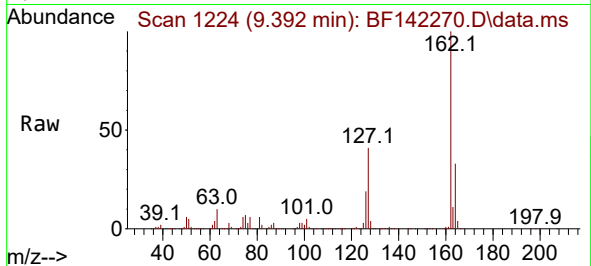
76 12.8 0.0 32.8





#47  
2-Chloronaphthalene  
Concen: 45.486 ng  
RT: 9.392 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



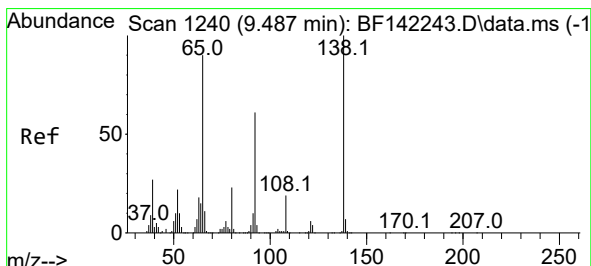
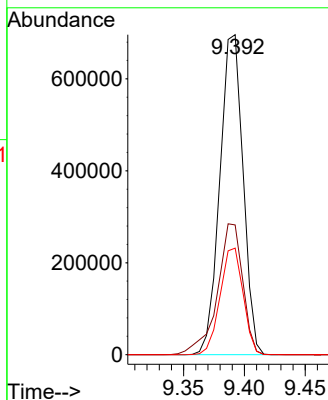
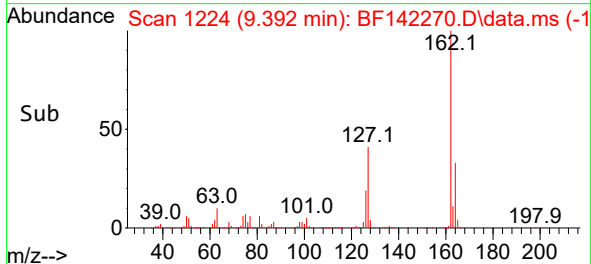
Tgt Ion:162 Resp: 925740  
Ion Ratio Lower Upper  
162 100  
127 40.6 32.6 49.0  
164 33.3 26.1 39.1

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Chavli

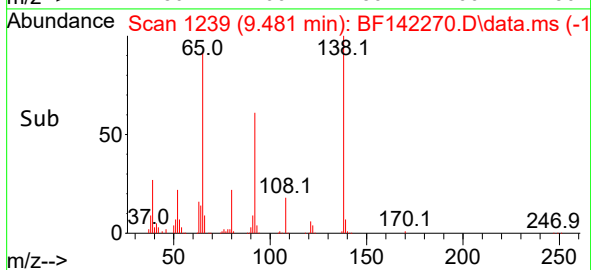
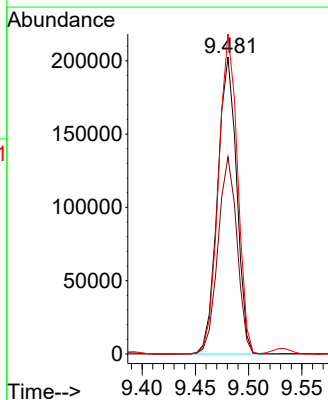
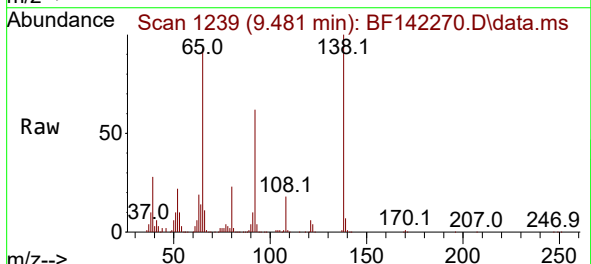
05/02/2025  
Supervised By :Jagrut  
Upadhyay

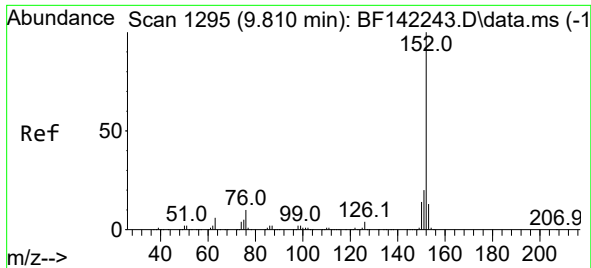
05/02/2025



#48  
2-Nitroaniline  
Concen: 47.110 ng  
RT: 9.481 min Scan# 1239  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

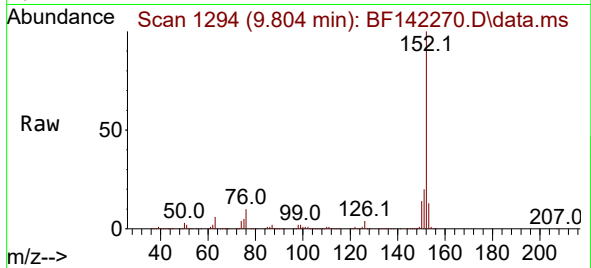
Tgt Ion: 65 Resp: 252309  
Ion Ratio Lower Upper  
65 100  
92 66.3 54.3 81.5  
138 107.8 88.6 133.0





#49  
Acenaphthylene  
Concen: 43.790 ng  
RT: 9.804 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



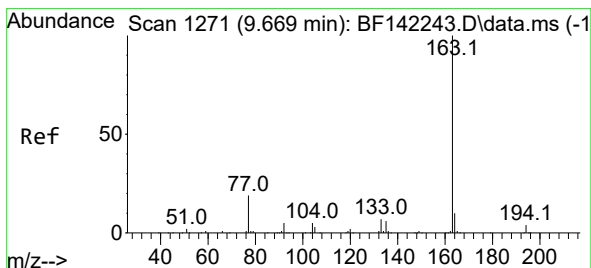
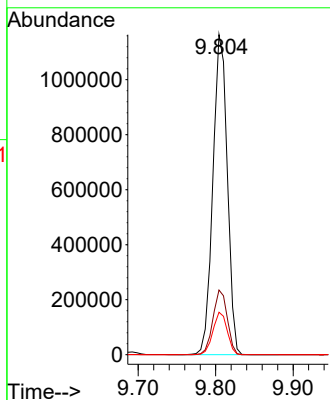
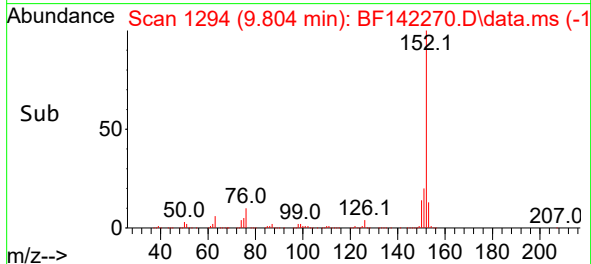
Tgt Ion:152 Resp: 150390  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2  
153 13.3 10.7 16.1

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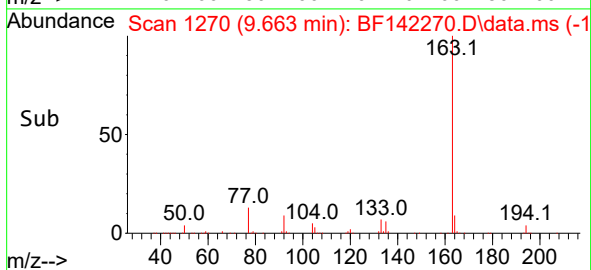
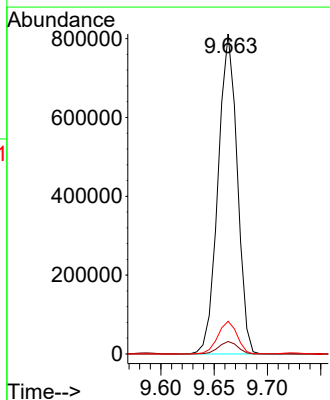
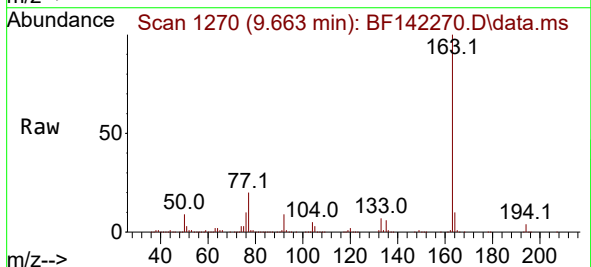
05/02/2025  
Supervised By :Jagrut  
Upadhyay

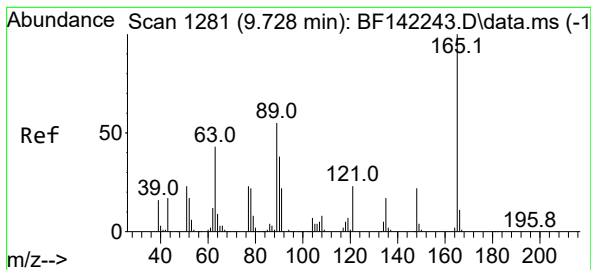
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#50  
Dimethylphthalate  
Concen: 45.099 ng  
RT: 9.663 min Scan# 1270  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

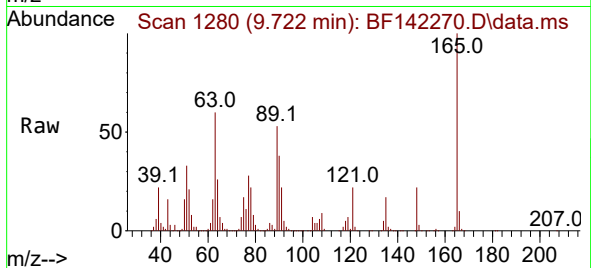
Tgt Ion:163 Resp: 1015217  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.2 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 47.378 ng  
RT: 9.722 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



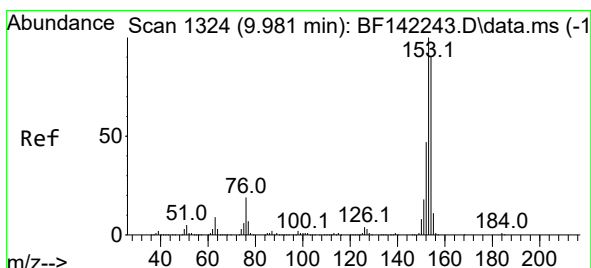
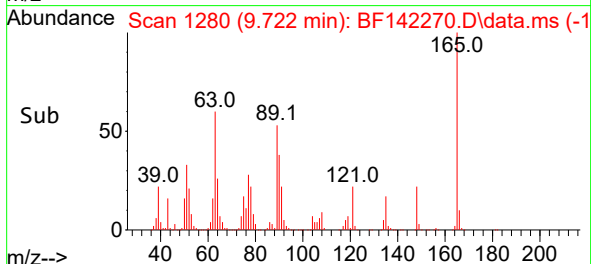
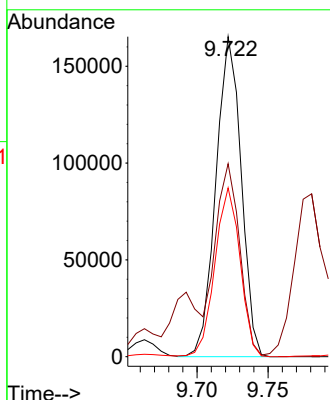
Tgt Ion:165 Resp: 204319  
Ion Ratio Lower Upper  
165 100  
63 60.3 48.5 72.7  
89 52.8 43.9 65.9

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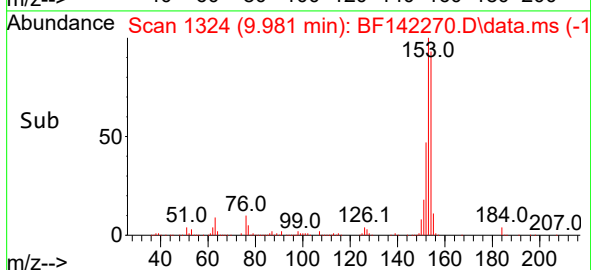
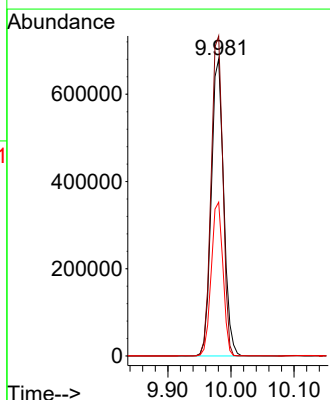
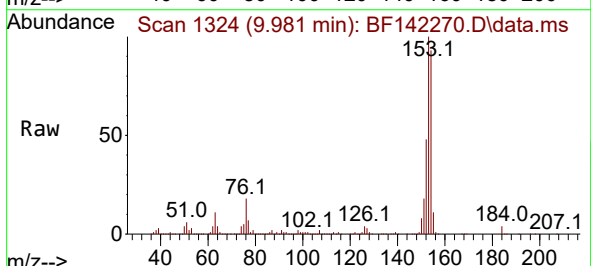
05/02/2025  
Supervised By :Jagrut  
Upadhyay

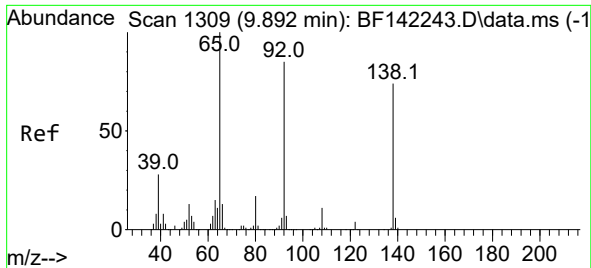
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#52  
Acenaphthene  
Concen: 46.429 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

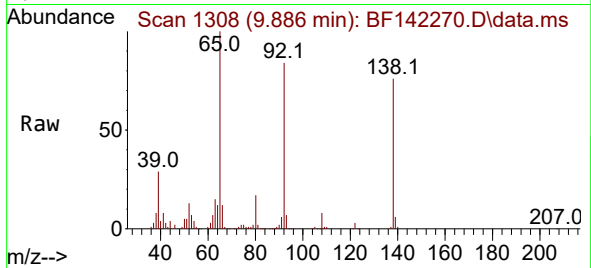
Tgt Ion:154 Resp: 931022  
Ion Ratio Lower Upper  
154 100  
153 107.7 88.6 133.0  
152 51.8 42.1 63.1





#53  
3-Nitroaniline  
Concen: 24.861 ng  
RT: 9.886 min Scan# 1308  
Delta R.T. -0.005 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



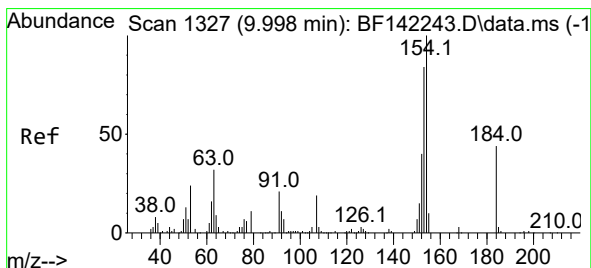
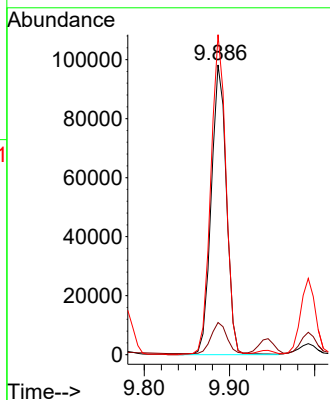
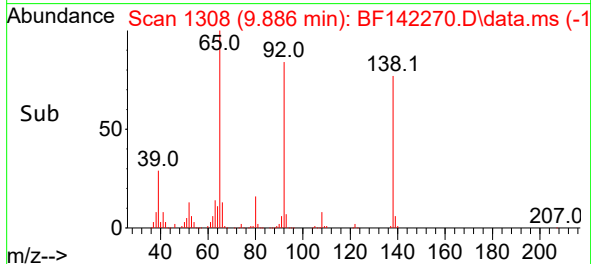
Tgt Ion:138 Resp: 121932  
Ion Ratio Lower Upper  
138 100  
108 11.1 11.7 17.5  
92 110.5 91.2 136.8

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Chavli

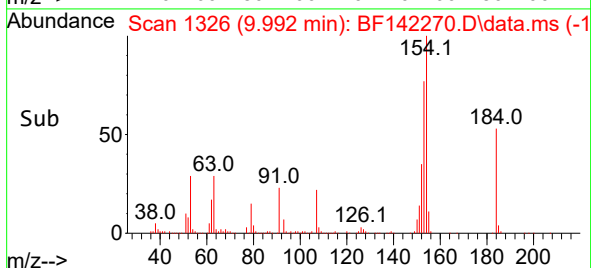
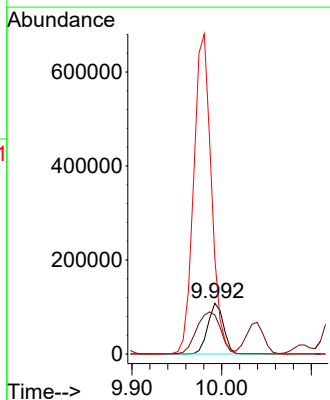
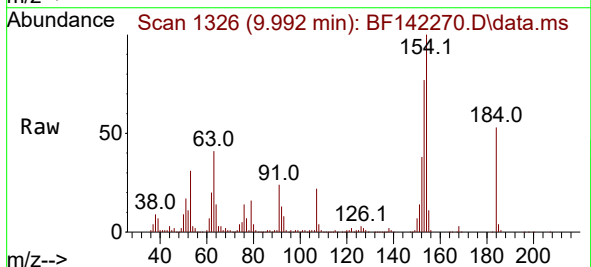
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Supervised By :Jagrut  
Upadhyay

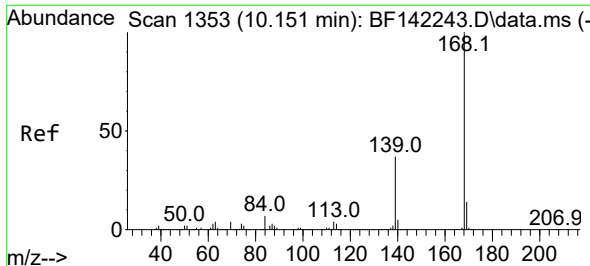
05/02/2025



#54  
2,4-Dinitrophenol  
Concen: 84.371 ng  
RT: 9.992 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

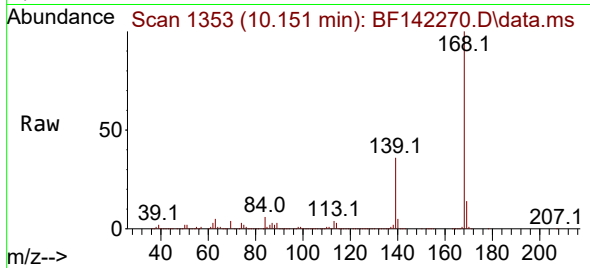
Tgt Ion:184 Resp: 131189  
Ion Ratio Lower Upper  
184 100  
63 77.1 69.2 103.8  
154 187.8 271.4 407.2#





#55  
Dibenzofuran  
Concen: 42.922 ng  
RT: 10.151 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



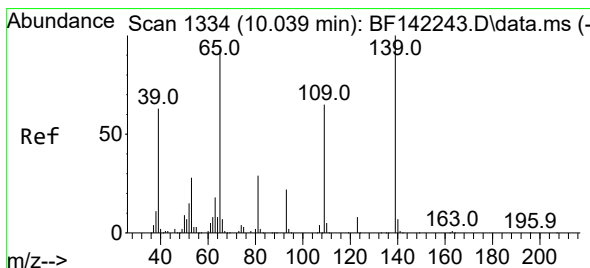
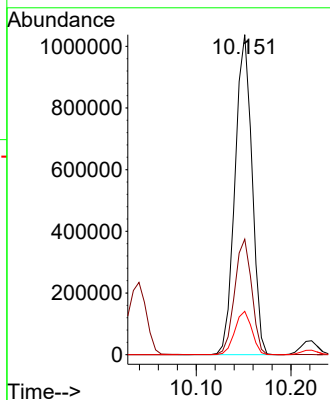
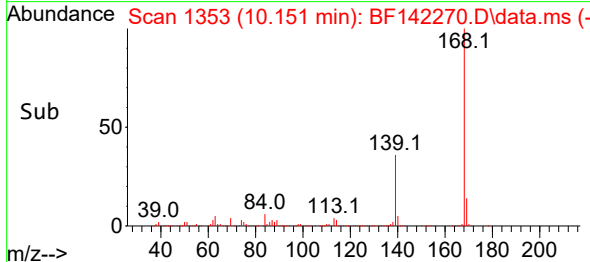
Tgt Ion:168 Resp: 1290218  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.4 44.0  
169 13.6 11.0 16.4

Manual Integrations  
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Reviewed By :Rahul  
Chavli

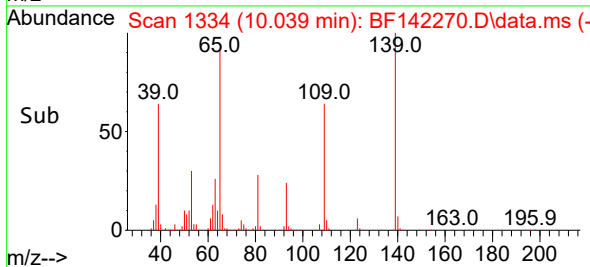
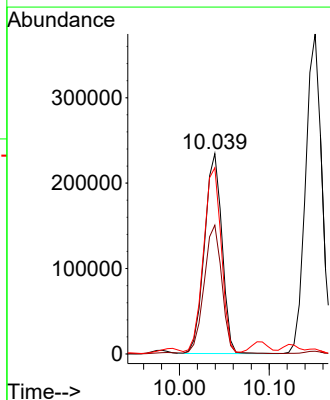
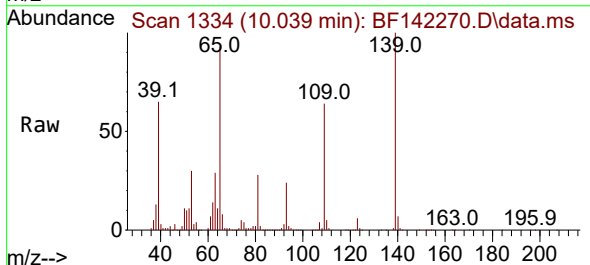
05/02/2025  
Supervised By :Jagrut  
Upadhyay

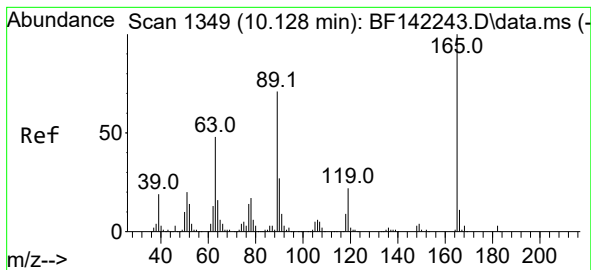
05/02/2025



#56  
4-Nitrophenol  
Concen: 89.575 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

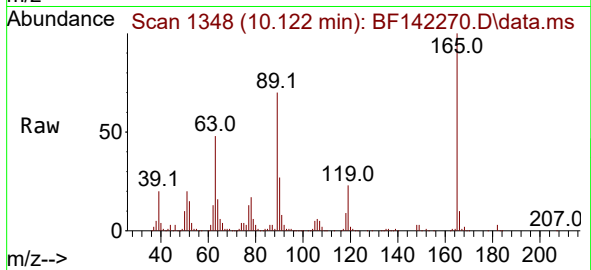
Tgt Ion:139 Resp: 316946  
Ion Ratio Lower Upper  
139 100  
109 64.3 44.9 84.9  
65 93.0 74.7 114.7





#57  
2,4-Dinitrotoluene  
Concen: 47.801 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



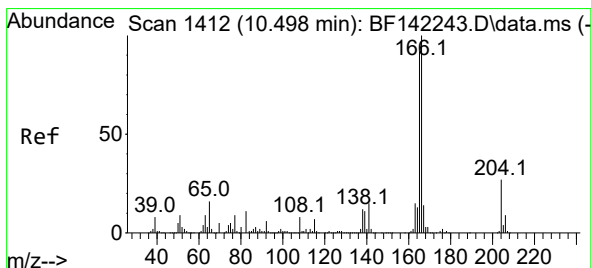
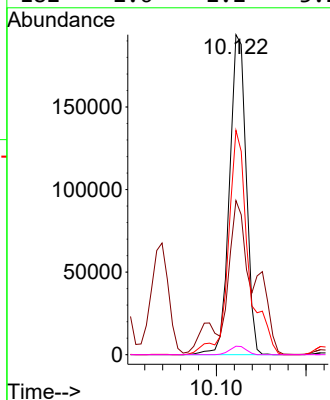
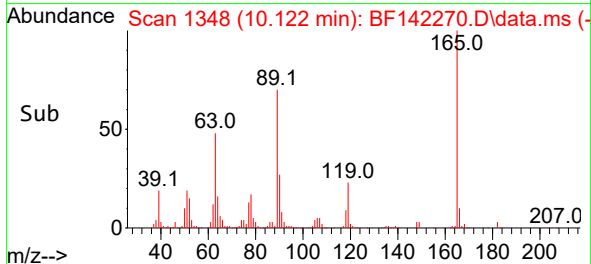
Tgt Ion:165 Resp: 249724  
Ion Ratio Lower Upper  
165 100  
63 48.2 38.8 58.2  
89 70.1 57.1 85.7  
182 2.6 2.2 3.2

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Chavli

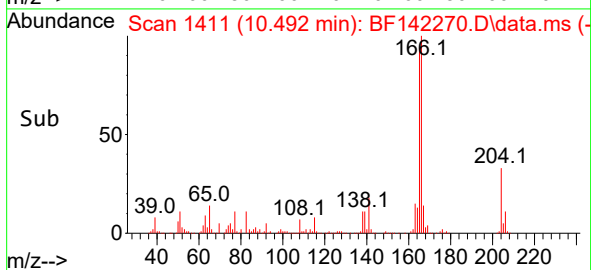
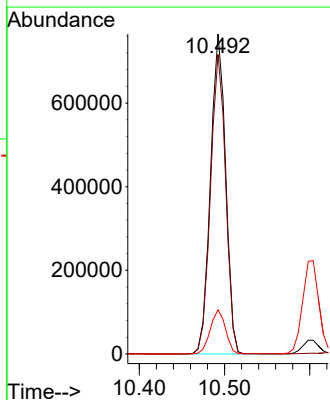
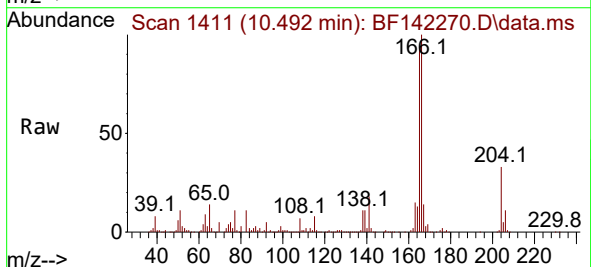
05/02/2025  
Supervised By :Jagrut  
Upadhyay

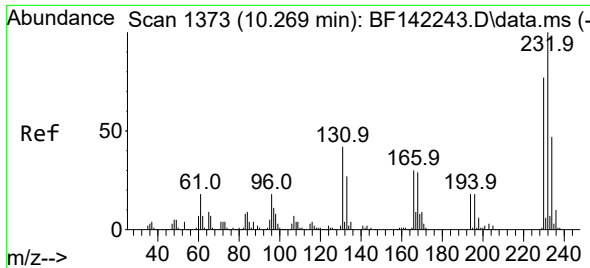
05/02/2025



#58  
Fluorene  
Concen: 41.360 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

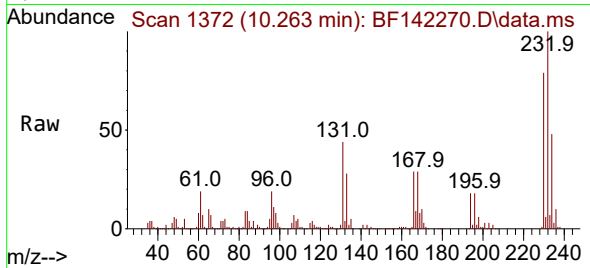
Tgt Ion:166 Resp: 945333  
Ion Ratio Lower Upper  
166 100  
165 93.6 73.9 110.9  
167 13.8 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.531 ng  
RT: 10.263 min Scan# 1372  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



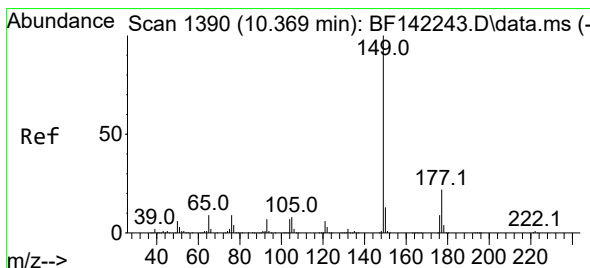
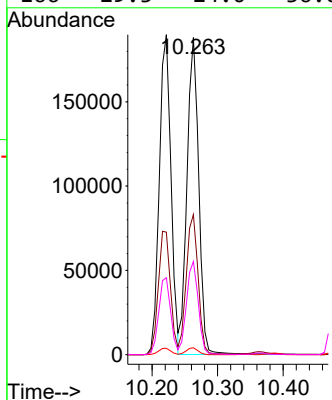
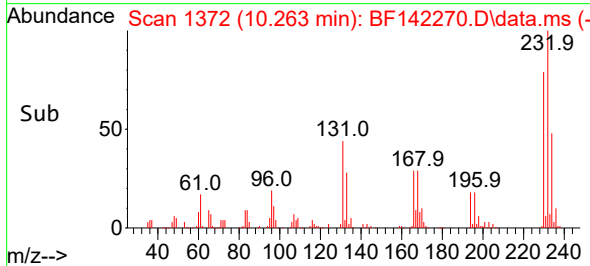
Tgt Ion:232 Resp: 23264  
Ion Ratio Lower Upper  
232 100  
131 44.7 35.9 53.9  
130 2.2 1.8 2.6  
166 29.3 24.0 36.0

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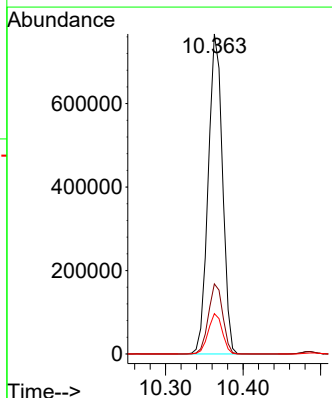
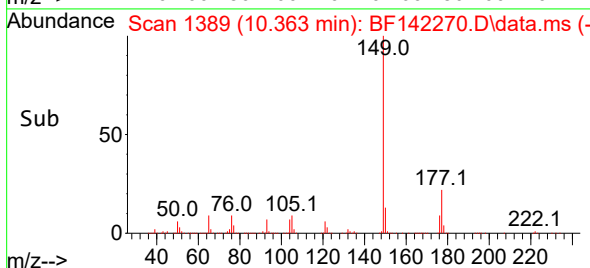
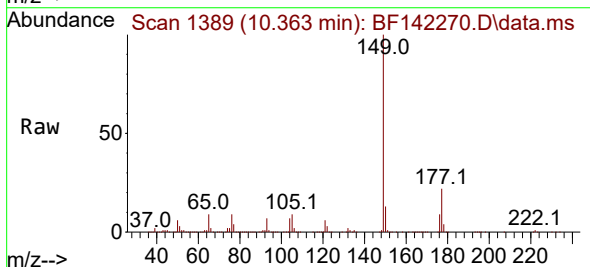
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Upadhyay

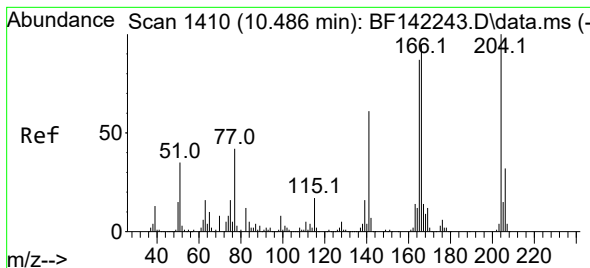
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#60  
Diethylphthalate  
Concen: 44.125 ng  
RT: 10.363 min Scan# 1389  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

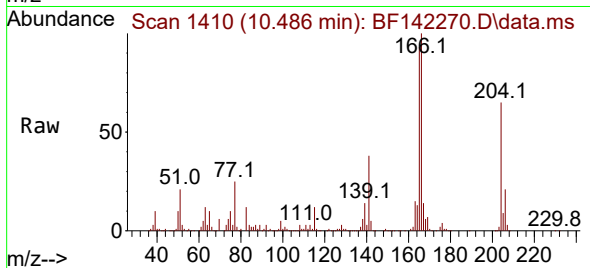
Tgt Ion:149 Resp: 980867  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.6 26.4  
150 12.6 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 43.054 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



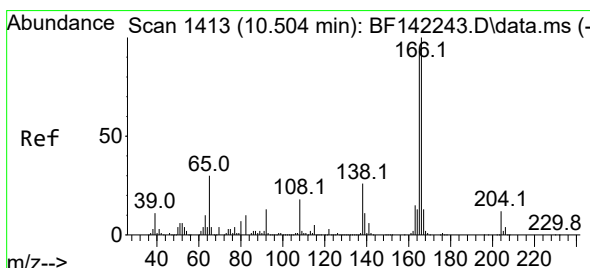
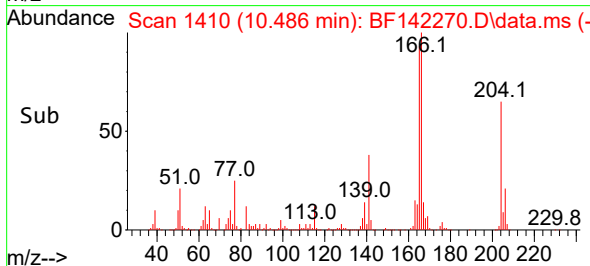
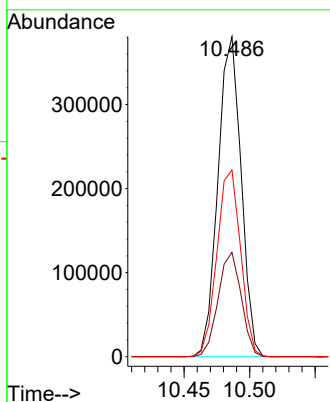
Tgt Ion:204 Resp: 467320  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.6 38.4  
141 58.4 48.9 73.3

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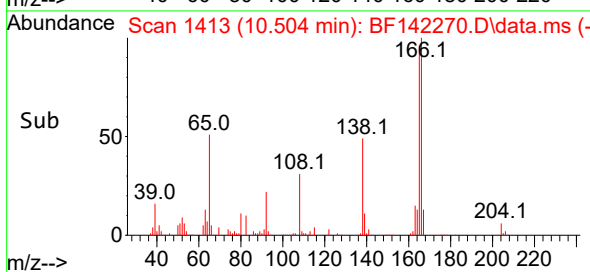
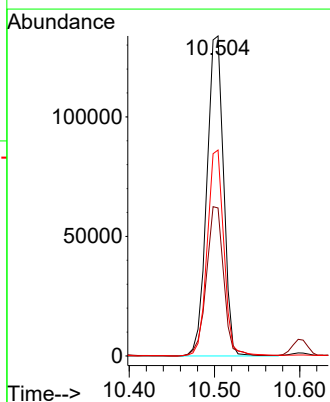
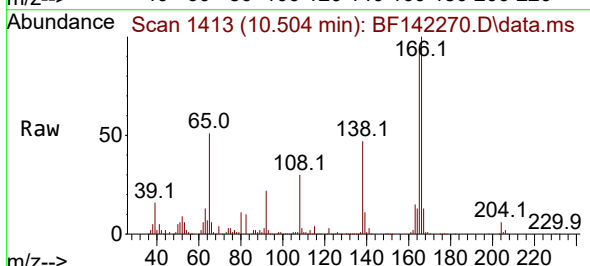
05/02/2025  
Supervised By :Jagrut  
Upadhyay

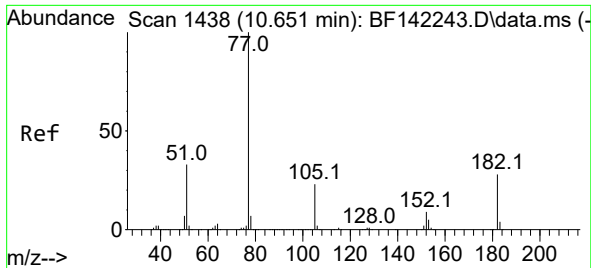
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#62  
4-Nitroaniline  
Concen: 38.819 ng  
RT: 10.504 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:138 Resp: 182663  
Ion Ratio Lower Upper  
138 100  
92 46.3 29.2 69.2  
108 64.3 49.1 89.1





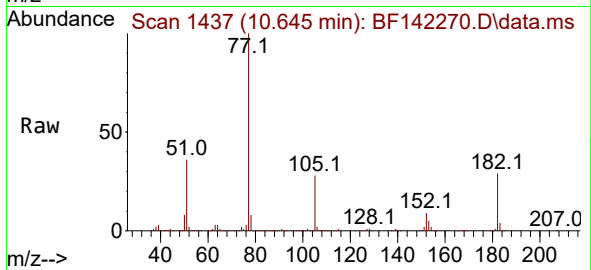
#63  
Azobenzene  
Concen: 46.824 ng  
RT: 10.645 min Scan# 1438  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :

BNA\_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion: 77 Resp: 102783  
Ion Ratio Lower Upper  
77 100  
182 28.6 7.3 47.3  
105 27.6 2.5 42.5  
51 35.6 14.4 54.4

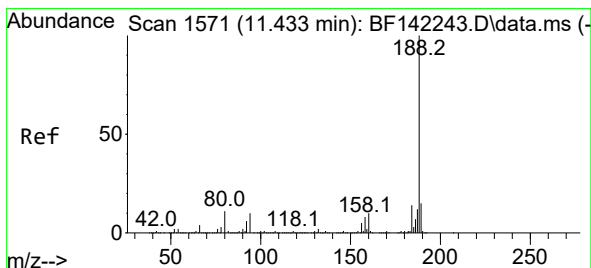
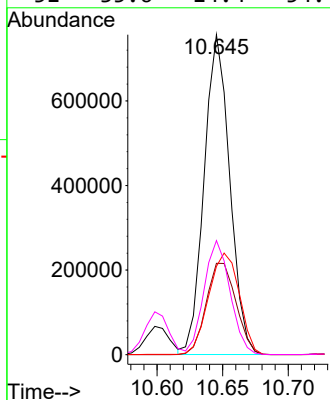
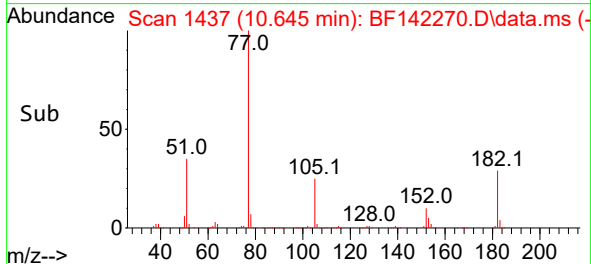
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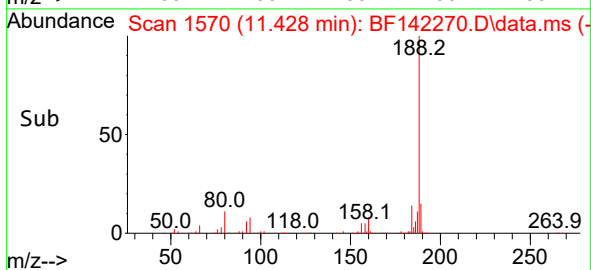
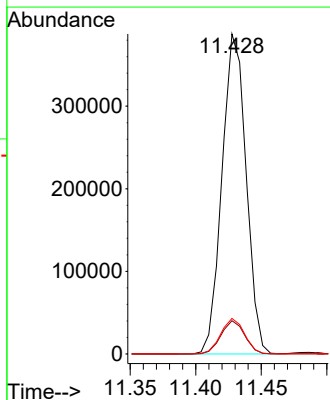
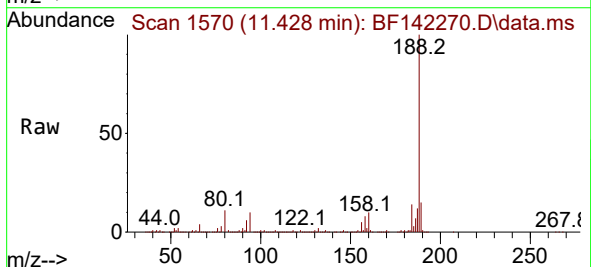
Supervised By :Jagrut  
Upadhyay

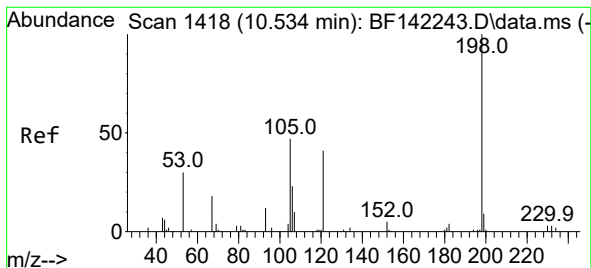
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.428 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

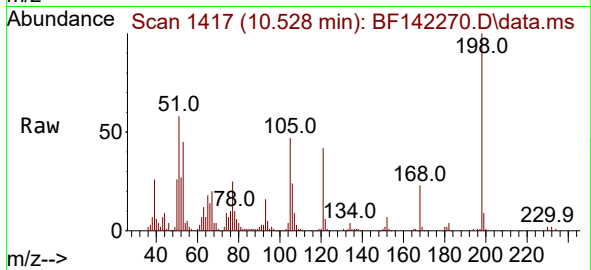
Tgt Ion:188 Resp: 496148  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.2 12.2  
80 11.1 8.6 12.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.580 ng  
RT: 10.528 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



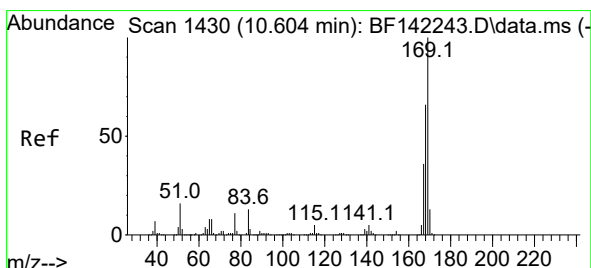
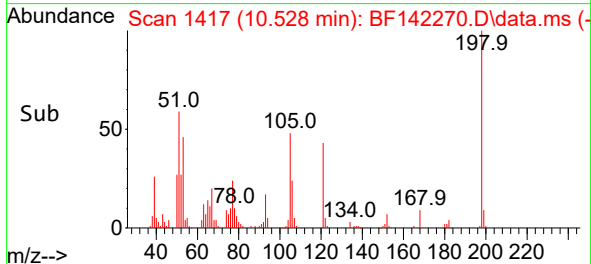
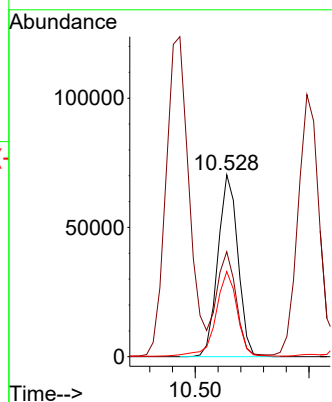
Tgt Ion:198 Resp: 85960  
Ion Ratio Lower Upper  
198 100  
51 57.7 40.6 80.6  
105 46.8 29.2 69.2

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Chavli

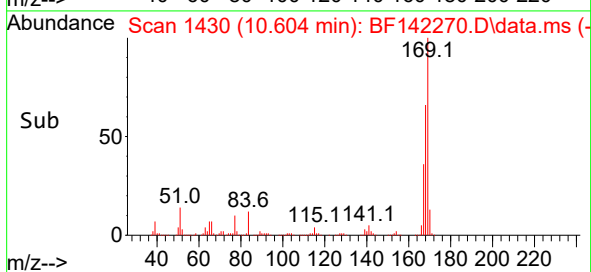
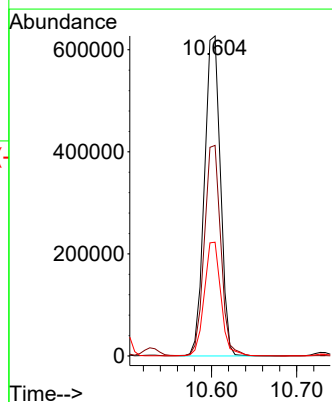
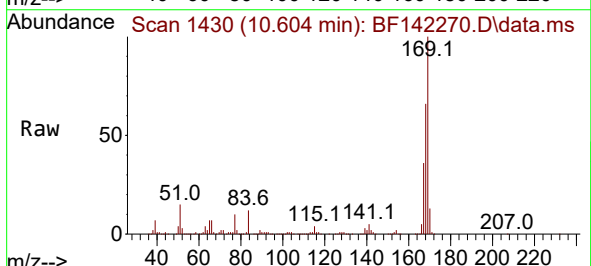
05/02/2025  
Supervised By :Jagrut  
Upadhyay

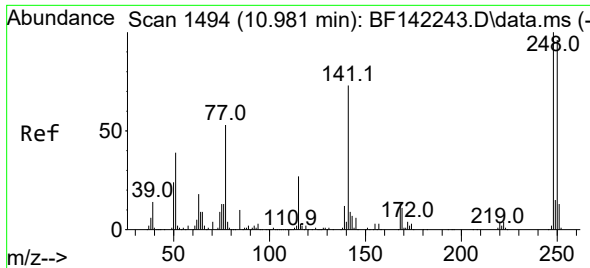
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#66  
n-Nitrosodiphenylamine  
Concen: 48.191 ng  
RT: 10.604 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

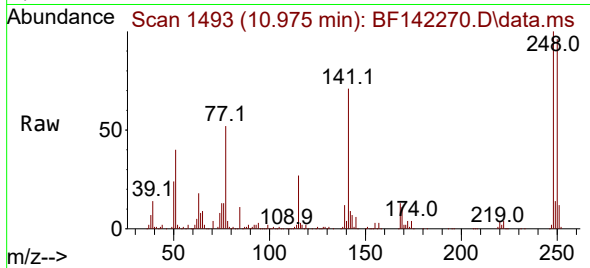
Tgt Ion:169 Resp: 816949  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.0 79.6  
167 35.6 28.8 43.2





#67  
4-Bromophenyl-phenylether  
Concen: 50.462 ng  
RT: 10.975 min Scan# 1493  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



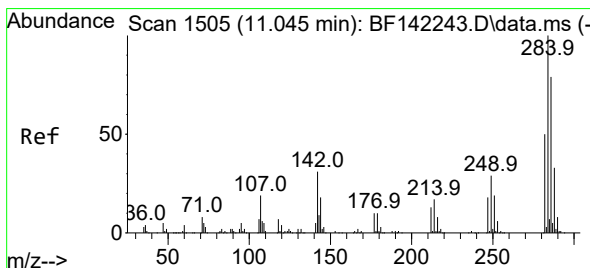
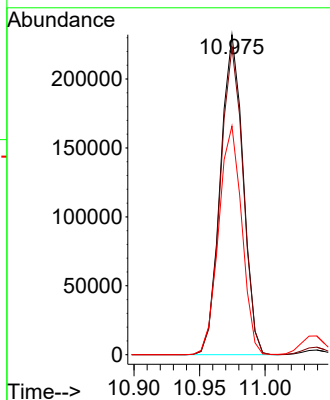
Tgt Ion:248 Resp: 278827  
Ion Ratio Lower Upper  
248 100  
250 96.2 77.2 115.8  
141 71.4 58.4 87.6

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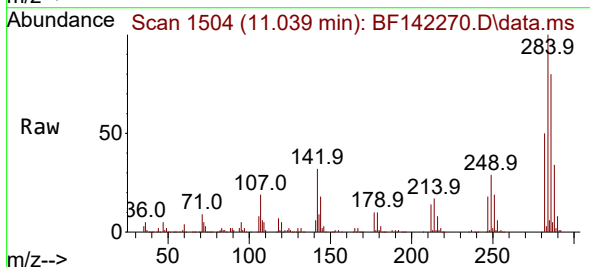
Reviewed By :Rahul  
Chavli

05/02/2025  
Supervised By :Jagrut  
Upadhyay

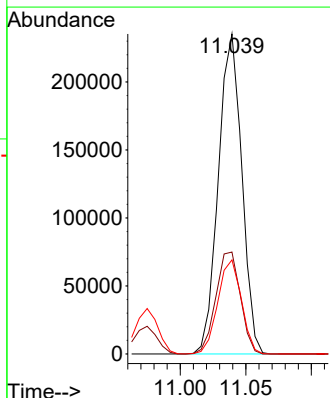
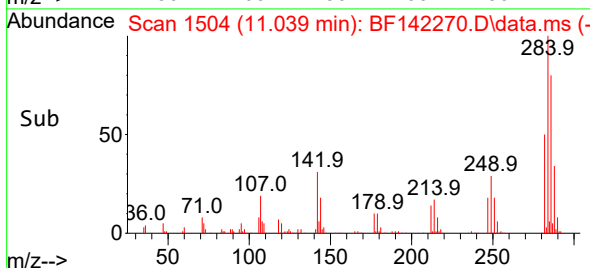
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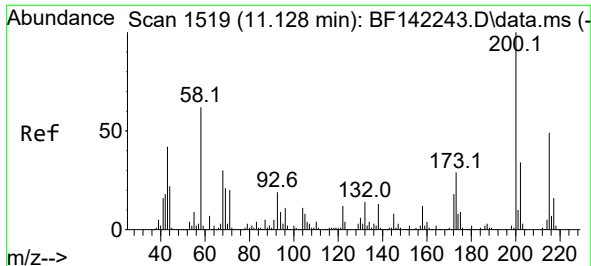


#68  
Hexachlorobenzene  
Concen: 47.230 ng  
RT: 11.039 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52



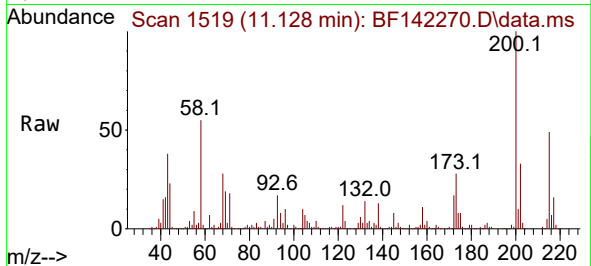
Tgt Ion:284 Resp: 292279  
Ion Ratio Lower Upper  
284 100  
142 31.8 24.6 37.0  
249 29.4 23.2 34.8





#69  
 Atrazine  
 Concen: 52.062 ng  
 RT: 11.128 min Scan# 1519  
 Delta R.T. -0.000 min  
 Lab File: BF142270.D  
 Acq: 01 May 2025 19:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-167-SB01MSD



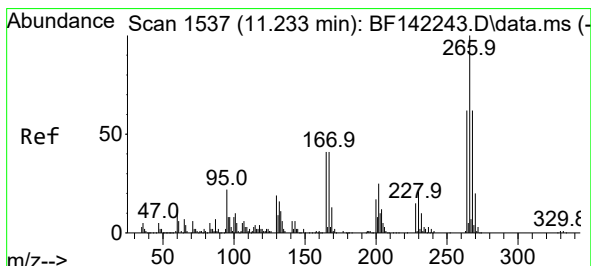
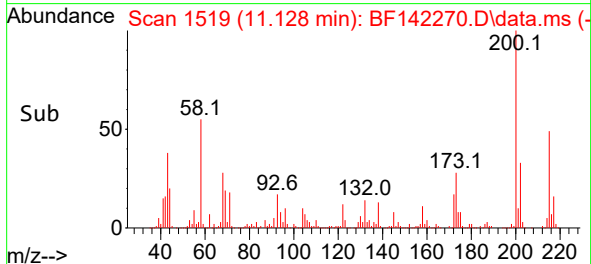
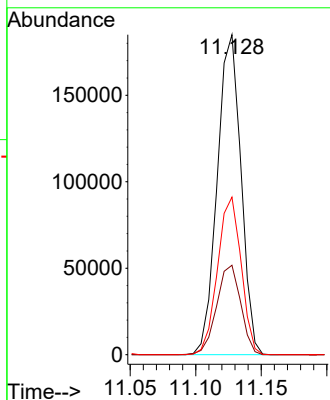
Tgt Ion:200 Resp: 23263  
 Ion Ratio Lower Upper  
 200 100  
 173 28.0 8.6 48.6  
 215 49.3 28.5 68.5

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 Chavli

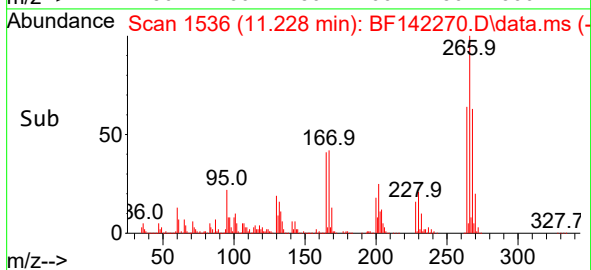
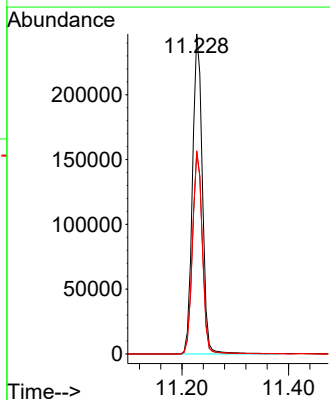
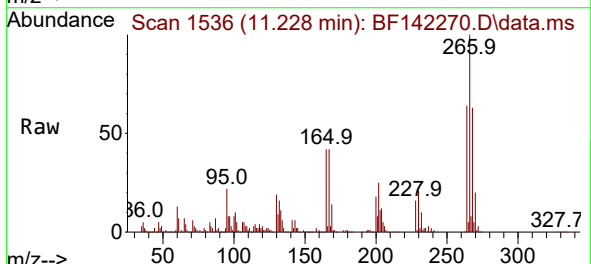
05/02/2025  
 Supervised By :Jagrut  
 Upadhyay

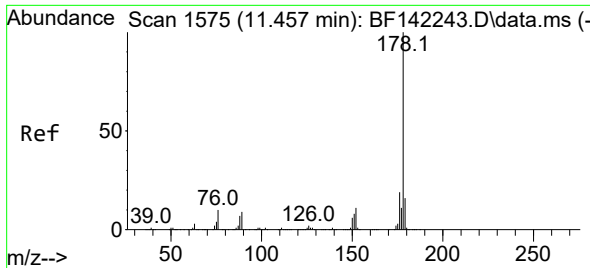
05/02/2025



#70  
 Pentachlorophenol  
 Concen: 97.144 ng  
 RT: 11.228 min Scan# 1536  
 Delta R.T. -0.005 min  
 Lab File: BF142270.D  
 Acq: 01 May 2025 19:52

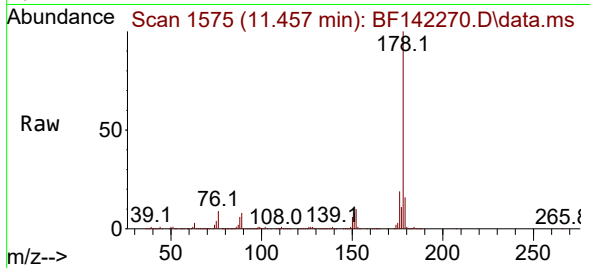
Tgt Ion:266 Resp: 317591  
 Ion Ratio Lower Upper  
 266 100  
 268 63.0 50.0 75.0  
 264 63.5 49.3 73.9





#71  
Phenanthrene  
Concen: 46.265 ng  
RT: 11.457 min Scan# 1575  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



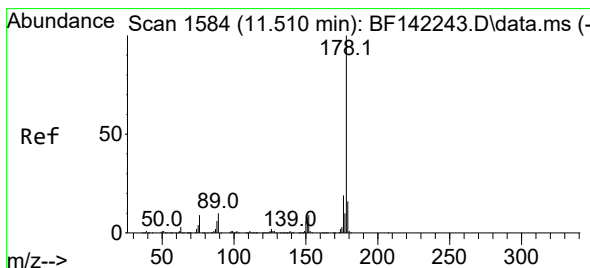
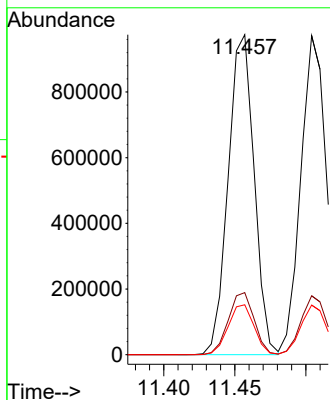
Tgt Ion:178 Resp: 1239899  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.5 23.3  
179 15.6 12.6 19.0

Manual Integrations  
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Chavli

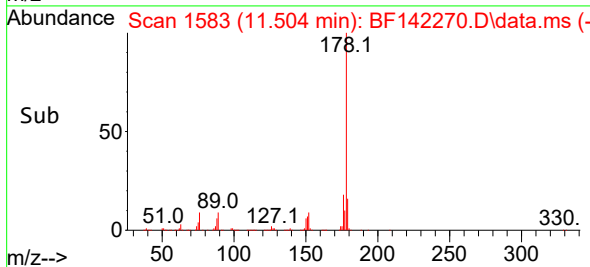
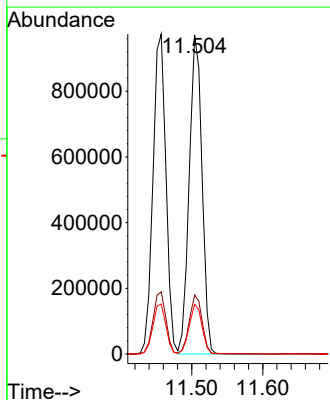
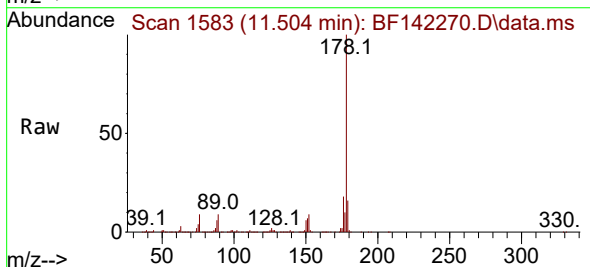
05/02/2025  
Supervised By :Jagrut  
Upadhyay

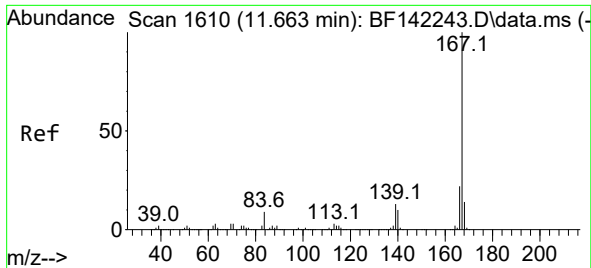
05/02/2025



#72  
Anthracene  
Concen: 44.230 ng  
RT: 11.504 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

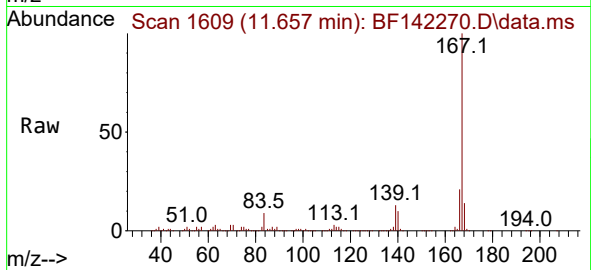
Tgt Ion:178 Resp: 1211937  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.3 22.9  
179 15.6 12.7 19.1





#73  
 Carbazole  
 Concen: 43.067 ng  
 RT: 11.657 min Scan# 1609  
 Delta R.T. -0.006 min  
 Lab File: BF142270.D  
 Acq: 01 May 2025 19:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-167-SB01MSD



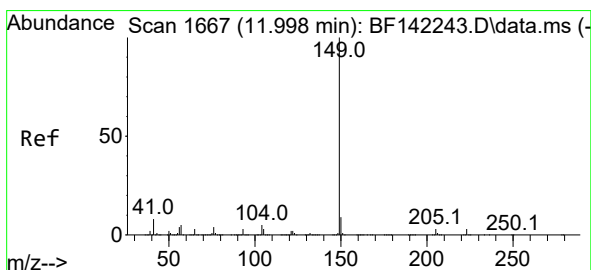
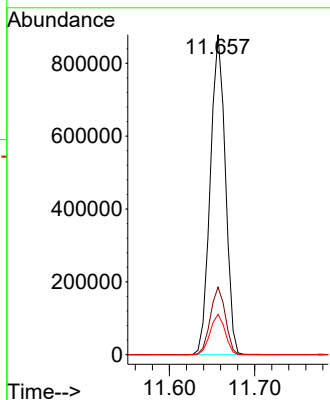
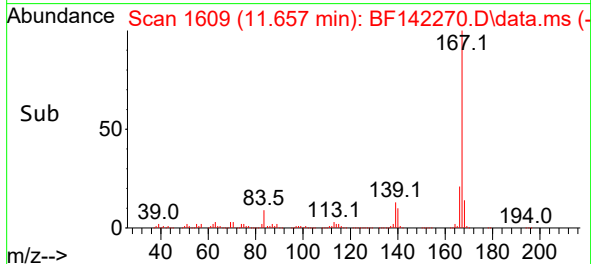
Tgt Ion:167 Resp: 107649  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.3 25.9  
 139 12.6 10.3 15.5

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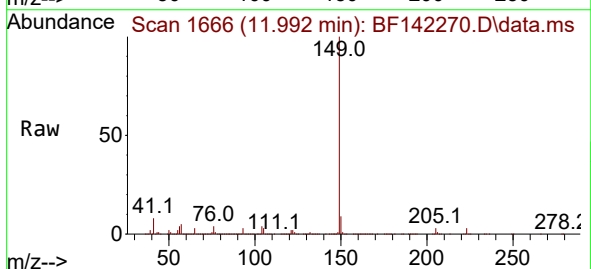
Reviewed By :Rahul  
 Chavli

05/02/2025  
 Supervised By :Jagrut  
 Upadhyay

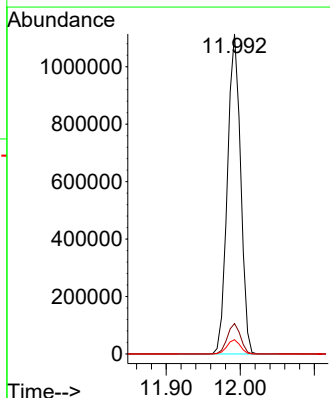
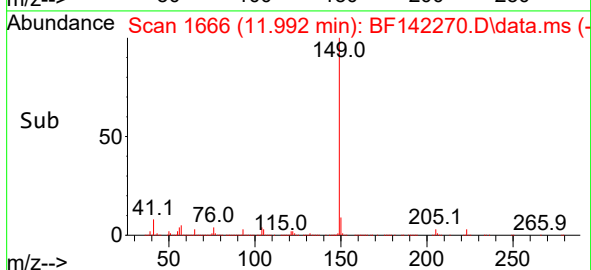
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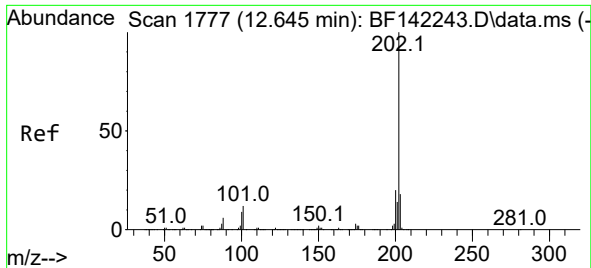


#74  
 Di-n-butylphthalate  
 Concen: 54.629 ng  
 RT: 11.992 min Scan# 1666  
 Delta R.T. -0.006 min  
 Lab File: BF142270.D  
 Acq: 01 May 2025 19:52



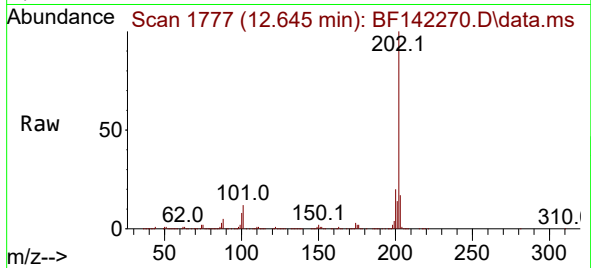
Tgt Ion:149 Resp: 1373313  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.5 11.3  
 104 4.5 3.6 5.4





#75  
Fluoranthene  
Concen: 48.407 ng  
RT: 12.645 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



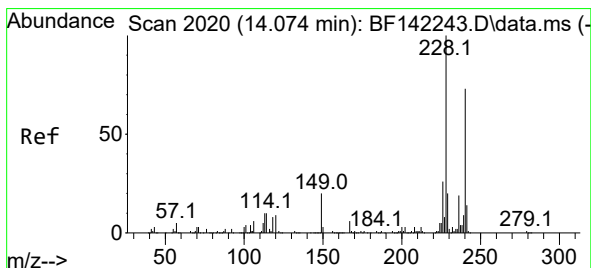
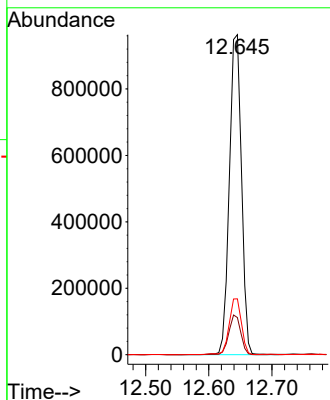
Tgt Ion:202 Resp: 1282408  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 32.4  
203 17.5 0.0 37.5

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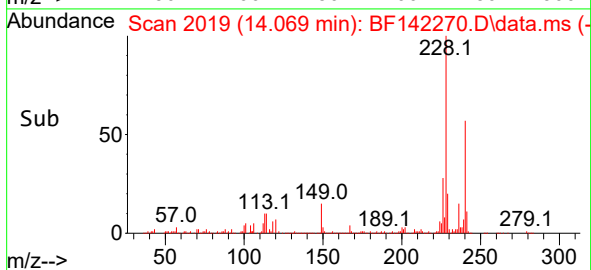
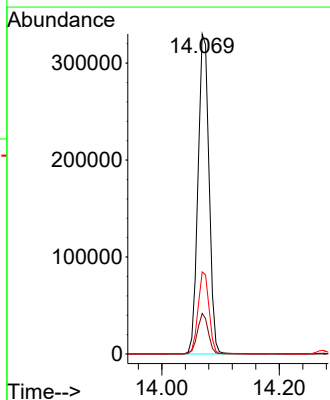
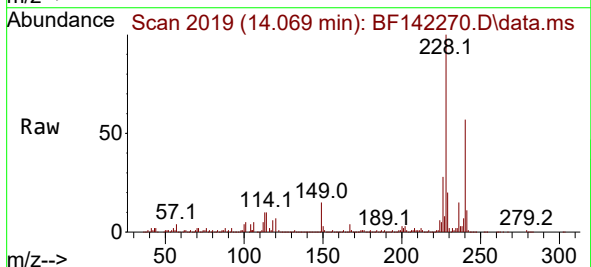
05/02/2025  
Supervised By :Jagrut  
Upadhyay

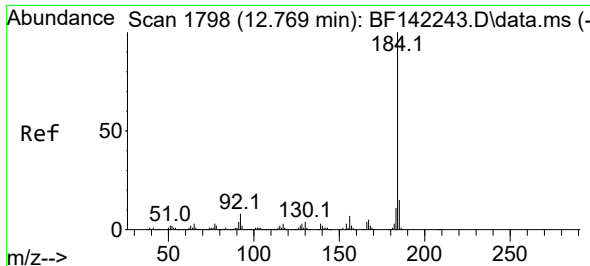
05/02/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

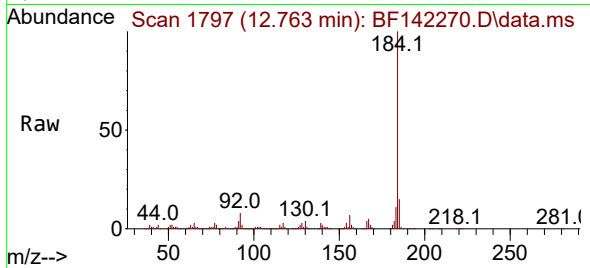
Tgt Ion:240 Resp: 429879  
Ion Ratio Lower Upper  
240 100  
120 12.6 10.1 15.1  
236 25.6 20.5 30.7





#77  
Benzidine  
Concen: 25.867 ng  
RT: 12.763 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



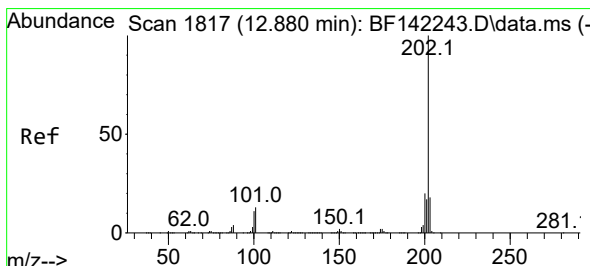
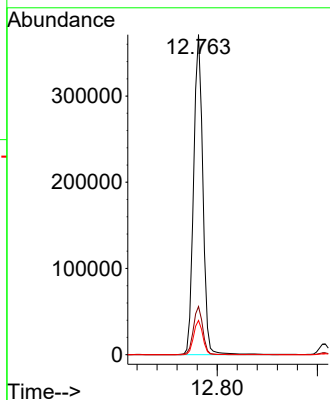
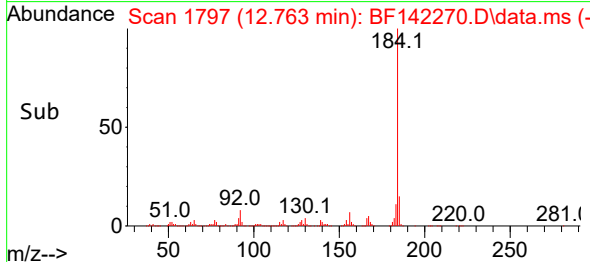
Tgt Ion:184 Resp: 472491  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.8 17.6  
183 10.7 8.9 13.3

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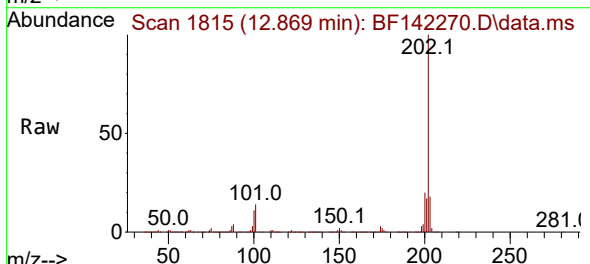
Reviewed By :Rahul  
Chavli

05/02/2025  
Supervised By :Jagrut  
Upadhyay

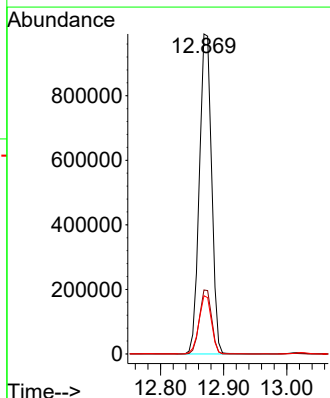
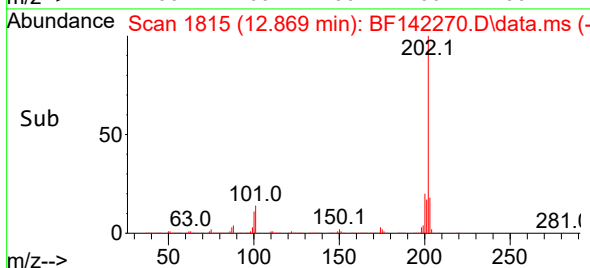
05/02/2025

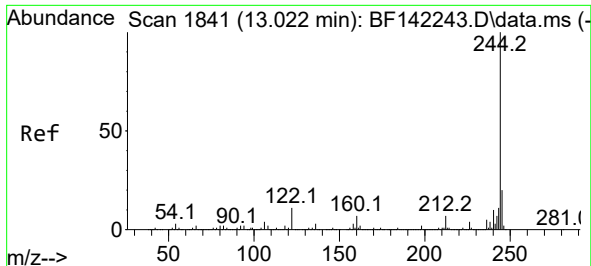


#78  
Pyrene  
Concen: 33.599 ng  
RT: 12.869 min Scan# 1815  
Delta R.T. -0.012 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52



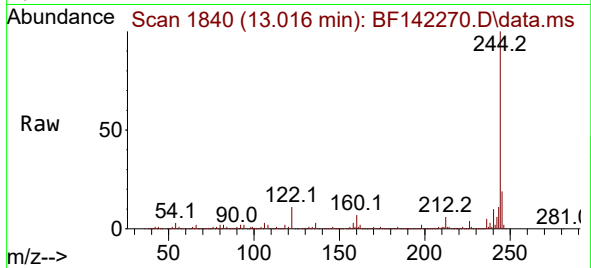
Tgt Ion:202 Resp: 1332351  
Ion Ratio Lower Upper  
202 100  
200 20.0 16.1 24.1  
203 18.2 14.1 21.1





#79  
Terphenyl-d14  
Concen: 42.105 ng  
RT: 13.016 min Scan# 1840  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



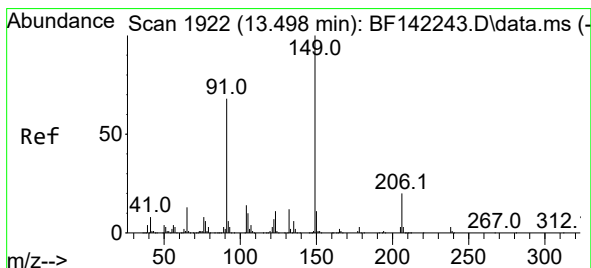
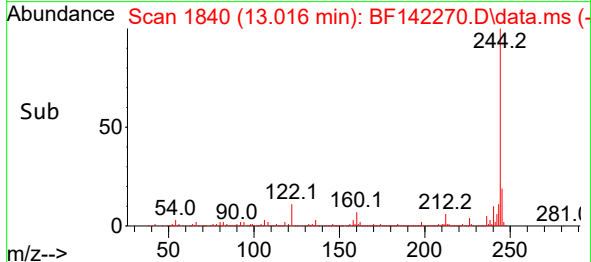
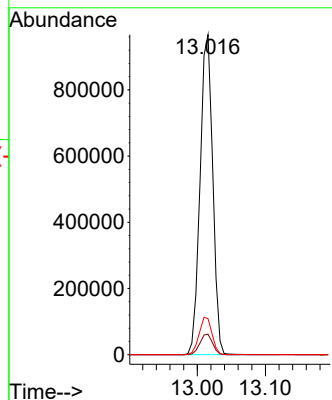
Tgt Ion:244 Resp: 1244500  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.3 7.9  
122 11.3 9.1 13.7

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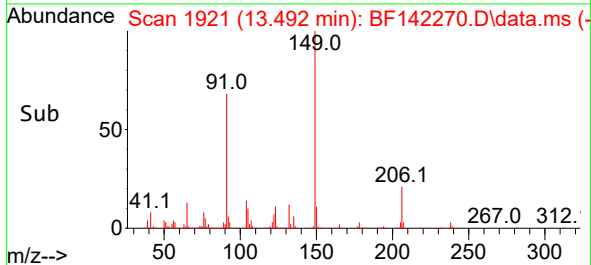
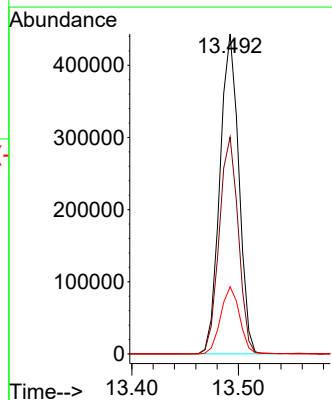
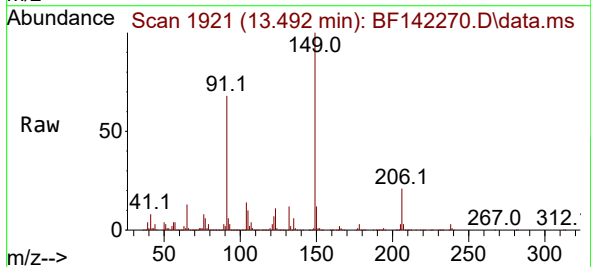
05/02/2025  
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Upadhyay

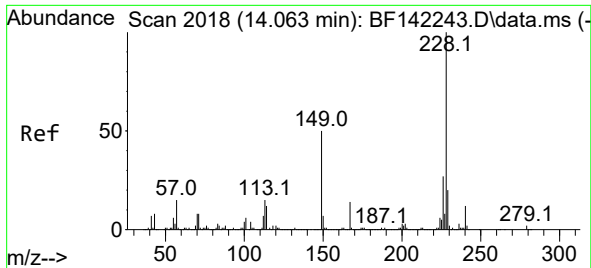
05/02/2025



#80  
Butylbenzylphthalate  
Concen: 50.031 ng  
RT: 13.492 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

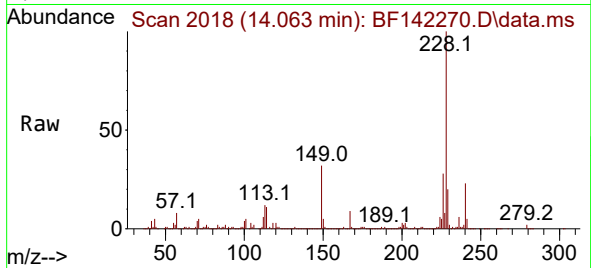
Tgt Ion:149 Resp: 544307  
Ion Ratio Lower Upper  
149 100  
91 67.8 54.4 81.6  
206 21.0 15.9 23.9





#81  
Benzo(a)anthracene  
Concen: 45.428 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



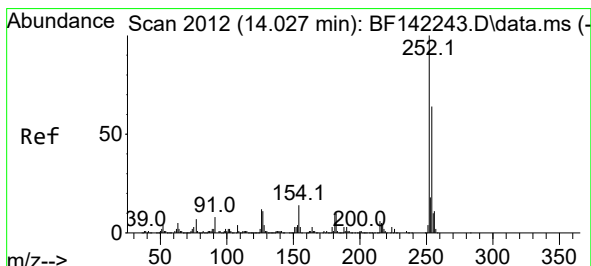
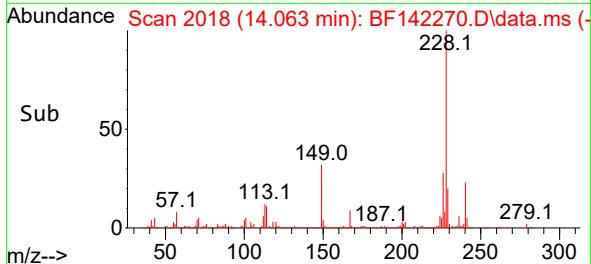
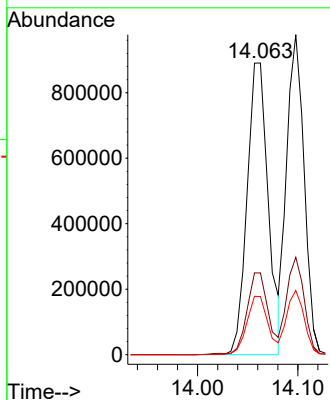
Tgt Ion:228 Resp: 1310994  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.9 32.9  
229 19.9 16.0 24.0

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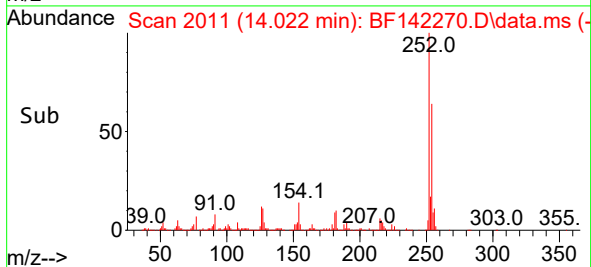
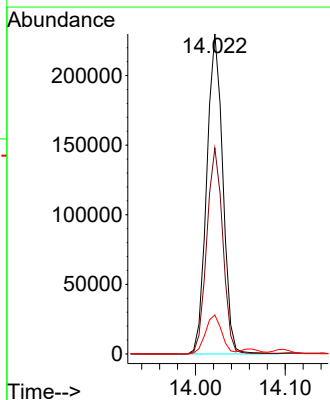
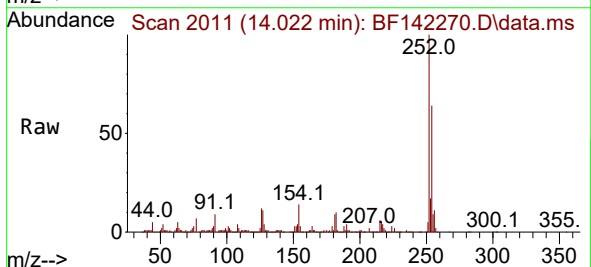
05/02/2025  
Supervised By :Jagrut  
Upadhyay

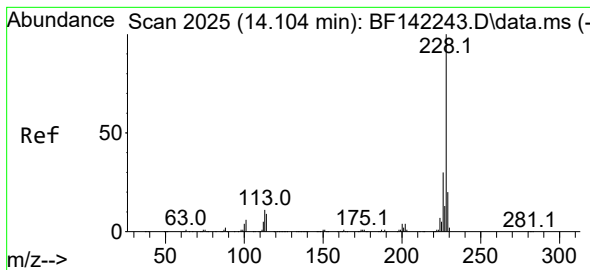
05/02/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 33.727 ng  
RT: 14.022 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:252 Resp: 285891  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.0 76.6  
126 12.2 9.4 14.2





#83

Chrysene

Concen: 45.008 ng

RT: 14.098 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA\_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:228 Resp: 118232

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.0 15.7 23.5

Manual Integrations

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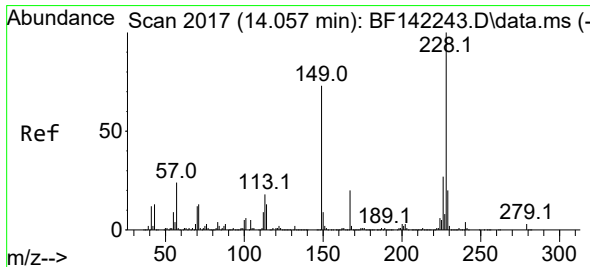
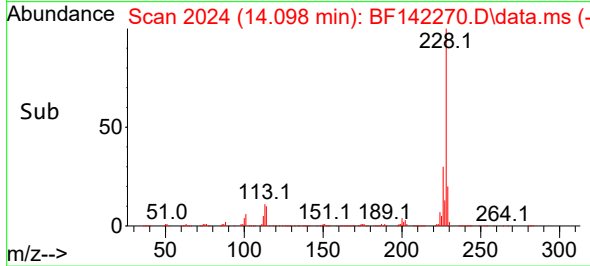
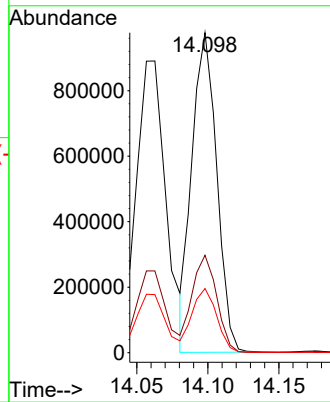
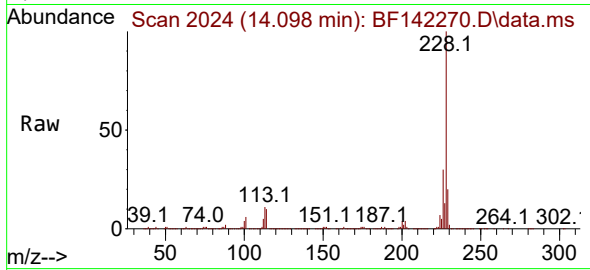
Chavli

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Upadhyay

05/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.320 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

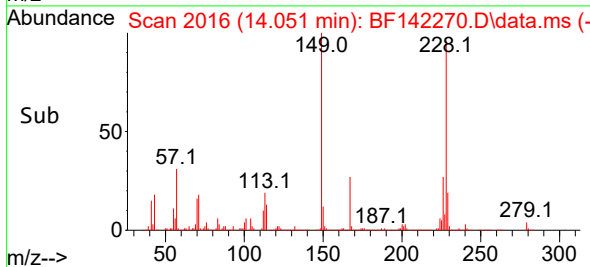
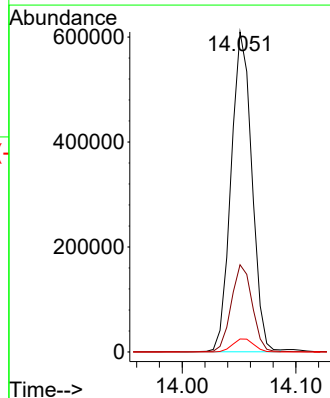
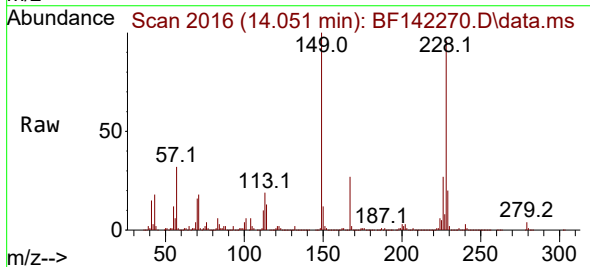
Tgt Ion:149 Resp: 774590

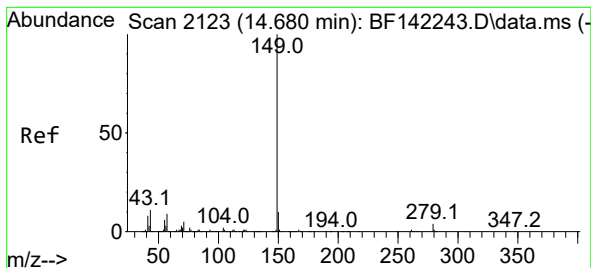
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

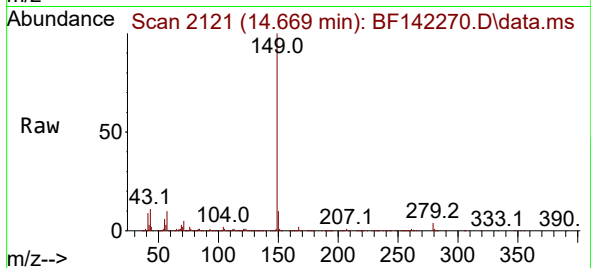
279 4.1 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 52.643 ng  
RT: 14.669 min Scan# 2121  
Delta R.T. -0.011 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



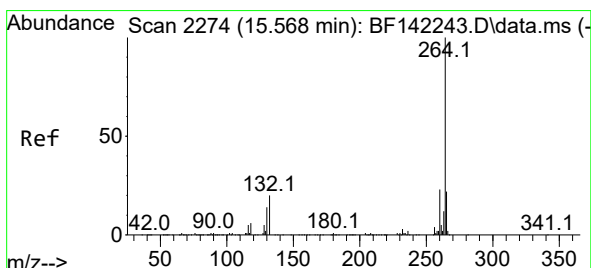
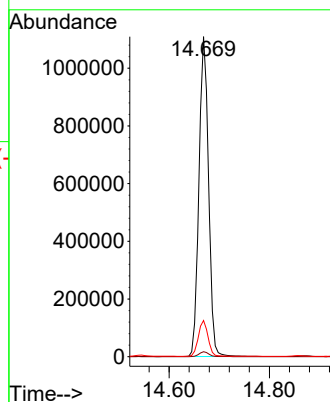
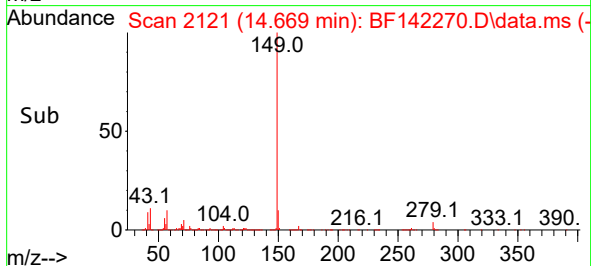
Tgt Ion:149 Resp: 1467740  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.1 1.7  
43 11.2 9.3 13.9

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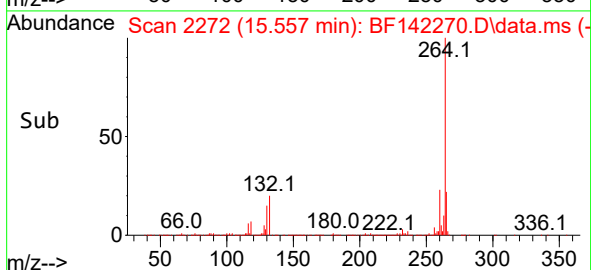
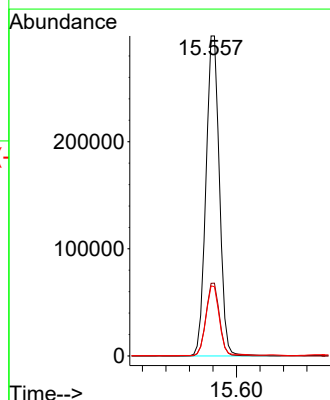
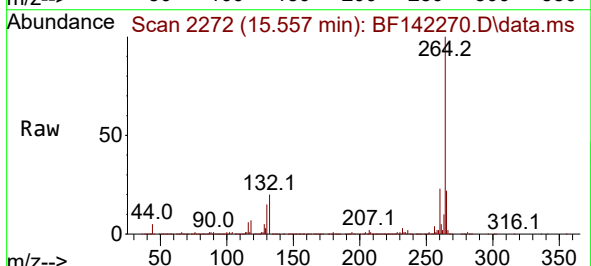
05/02/2025  
Supervised By :Jagrut  
Upadhyay

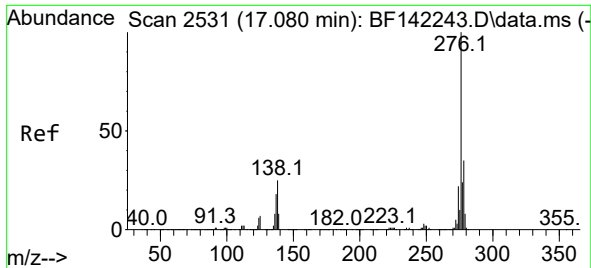
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.557 min Scan# 2272  
Delta R.T. -0.012 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

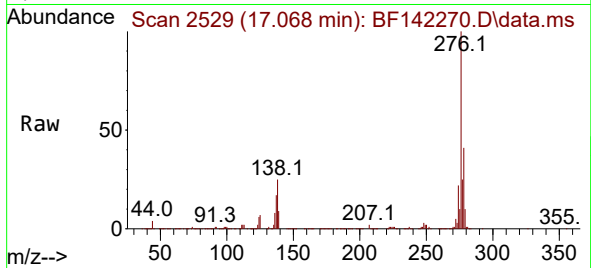
Tgt Ion:264 Resp: 473333  
Ion Ratio Lower Upper  
264 100  
260 22.7 18.4 27.6  
265 21.9 17.3 25.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 32.760 ng  
RT: 17.068 min Scan# 211  
Delta R.T. -0.012 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



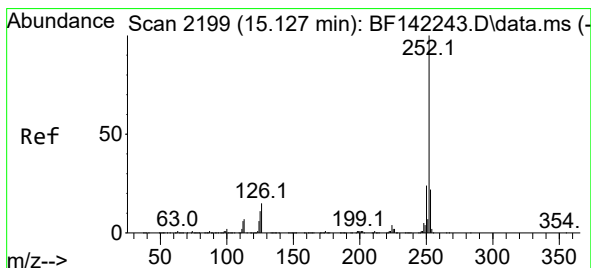
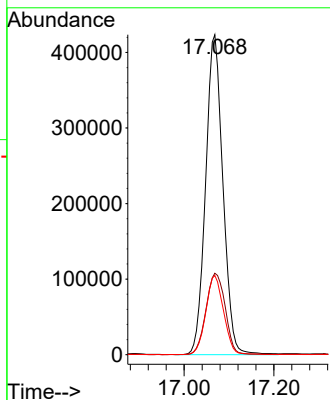
Tgt Ion:276 Resp: 113580  
Ion Ratio Lower Upper  
276 100  
138 28.4 22.6 33.8  
277 25.5 20.1 30.1

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Chavli

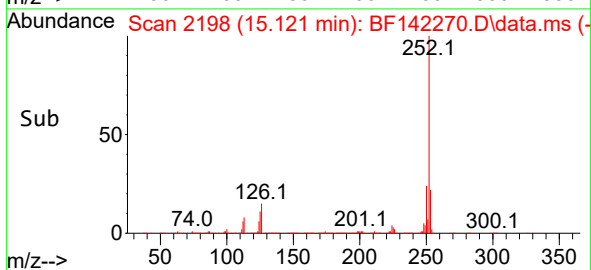
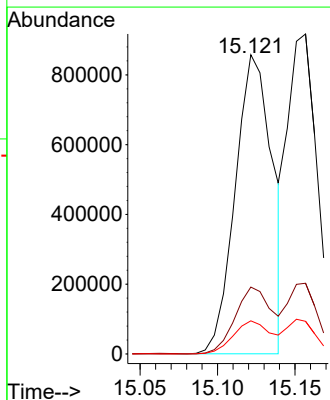
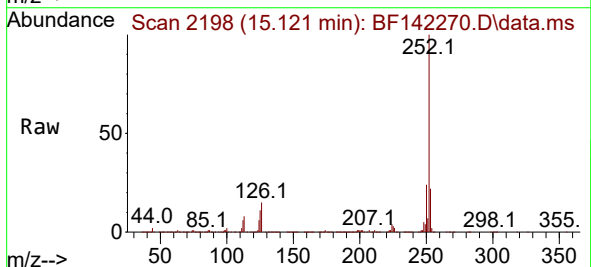
05/02/2025  
Supervised By :Jagrut  
Upadhyay

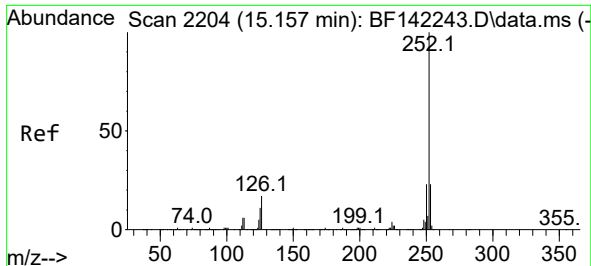
05/02/2025



#88  
Benzo(b)fluoranthene  
Concen: 48.634 ng  
RT: 15.121 min Scan# 2198  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

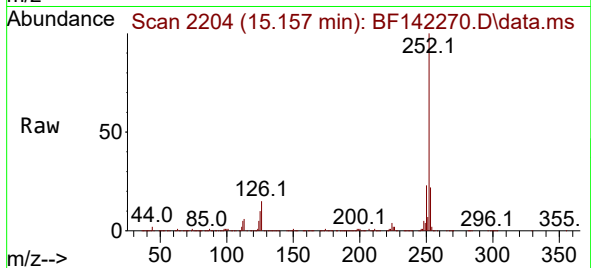
Tgt Ion:252 Resp: 1429910  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 11.1 9.0 13.4





#89  
Benzo(k)fluoranthene  
Concen: 45.297 ng  
RT: 15.157 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



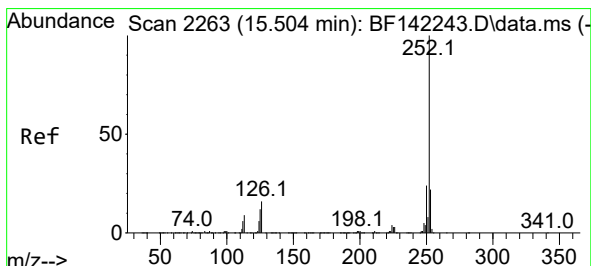
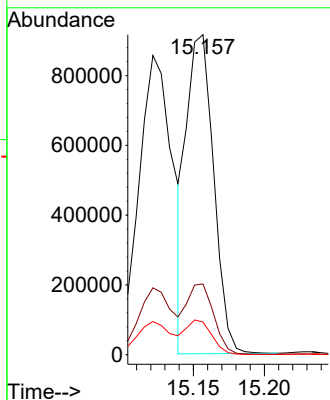
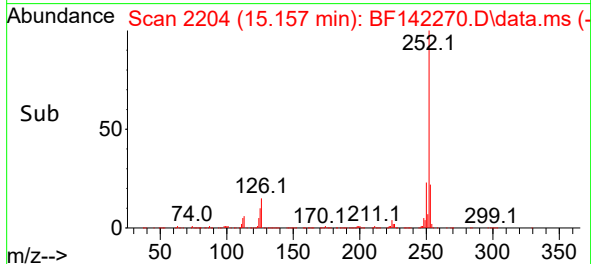
Tgt Ion:252 Resp: 121815  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 10.2 9.0 13.6

Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli

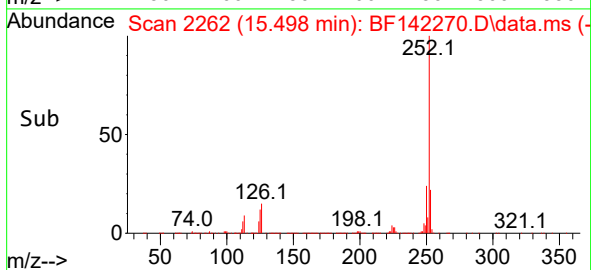
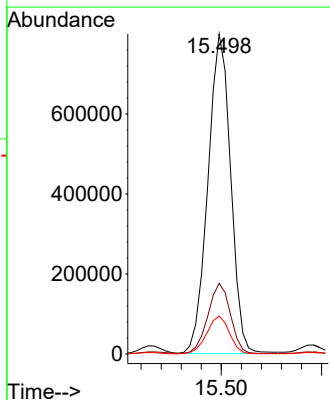
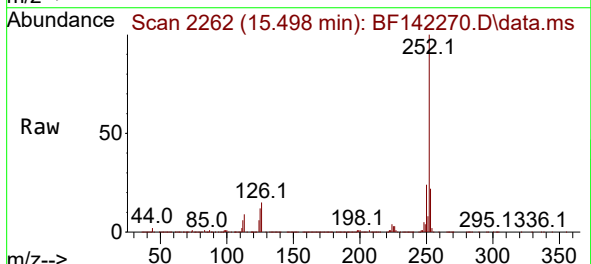
05/02/2025  
Supervised By :Jagrut  
Upadhyay

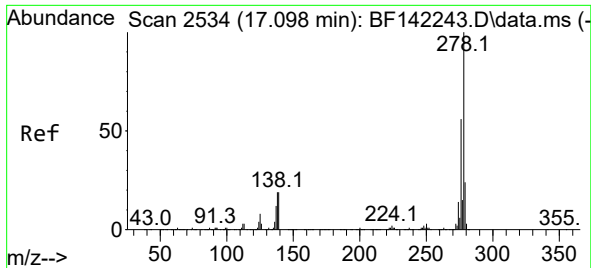
05/02/2025



#90  
Benzo(a)pyrene  
Concen: 46.890 ng  
RT: 15.498 min Scan# 2262  
Delta R.T. -0.006 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

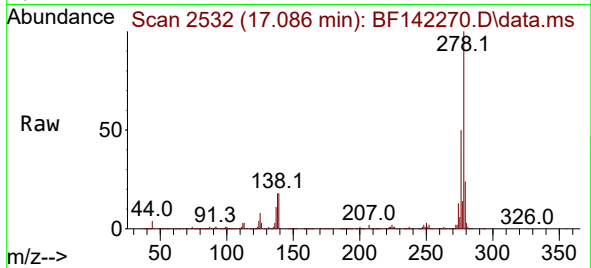
Tgt Ion:252 Resp: 1262185  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 11.8 9.5 14.3





#91  
Dibenzo(a,h)anthracene  
Concen: 33.147 ng  
RT: 17.086 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Instrument :  
BNA\_F  
ClientSampleId :  
B-167-SB01MSD



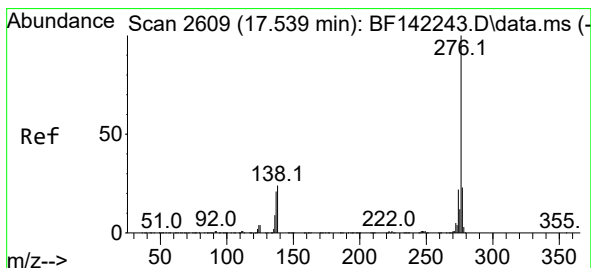
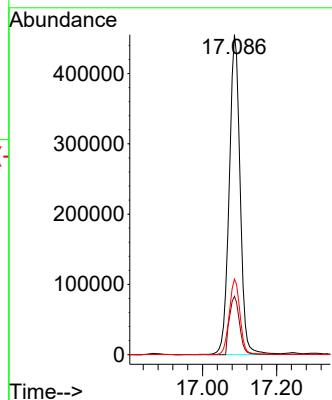
Tgt Ion:278 Resp: 932712  
Ion Ratio Lower Upper  
278 100  
139 18.2 15.2 22.8  
279 23.6 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli

05/02/2025  
Supervised By :Jagrut  
Upadhyay

05/02/2025



#92  
Benzo(g,h,i)perylene  
Concen: 30.277 ng  
RT: 17.521 min Scan# 2606  
Delta R.T. -0.018 min  
Lab File: BF142270.D  
Acq: 01 May 2025 19:52

Tgt Ion:276 Resp: 856464  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.7 28.1  
138 24.2 19.4 29.0

