

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050125\  
 Data File : BF142252.D  
 Acq On : 01 May 2025 11:13  
 Operator : RC/JU  
 Sample : PB167798BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167798BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 05/02/2025  
 Supervised By :Jagrut Upadhyay 05/02/2025

Quant Time: May 01 12:23:40 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  | 225762   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.192  | 136  | 889454   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.945  | 164  | 464234   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 800889   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 447227   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.563 | 264  | 448663   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 1573800  | 111.332 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.528  | 99   | 1923984  | 112.709 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 1064921  | 78.658  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 553053   | 130.679 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 2279117  | 69.221  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.022 | 244  | 2260338  | 73.507  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.799  | 88   | 214857   | 34.032  | ng    | 99       |
| 3) Pyridine                   | 3.546  | 79   | 612102   | 37.305  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.499  | 42   | 354189   | 41.713  | ng    | 99       |
| 6) Aniline                    | 6.569  | 93   | 595232   | 24.635  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.693  | 128  | 621899   | 42.575  | ng    | 100      |
| 9) Benzaldehyde               | 6.457  | 77   | 303059   | 25.401  | ng    | 99       |
| 10) Phenol                    | 6.546  | 94   | 757157m  | 41.200  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.646  | 93   | 582688   | 40.916  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.851  | 146  | 670657   | 40.585  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.928  | 146  | 672151   | 40.372  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.081  | 146  | 647246   | 40.722  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.045  | 79   | 513138   | 42.384  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 1068891  | 41.566  | ng    | 99       |
| 17) 2-Methylphenol            | 7.151  | 107  | 501113   | 41.877  | ng    | 98       |
| 18) Hexachloroethane          | 7.422  | 117  | 228628   | 41.957  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 430394   | 40.801  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 621160   | 41.509  | ng    | 94       |
| 22) Acetophenone              | 7.316  | 105  | 826074   | 40.145  | ng    | 100      |
| 24) Nitrobenzene              | 7.493  | 77   | 591218   | 44.506  | ng    | 100      |
| 25) Isophorone                | 7.728  | 82   | 1178770  | 41.486  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.804  | 139  | 225734   | 41.847  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.840  | 122  | 602922   | 42.086  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.940  | 93   | 734626   | 40.995  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.040  | 162  | 512350   | 42.777  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 547350   | 40.953  | ng    | 100      |
| 31) Naphthalene               | 8.216  | 128  | 1792007  | 40.399  | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 282191m  | 42.883  | ng    |          |
| 33) 4-Chloroaniline           | 8.251  | 127  | 121514   | 6.579   | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.328  | 225  | 323243   | 41.453  | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 164045m  | 45.568  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.734  | 107  | 532722   | 43.315  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 1105725  | 40.544  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 1159466  | 41.039  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 523019   | 40.032  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.057  | 237  | 659241   | 88.906  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 354948   | 43.843  | ng    | 99       |

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Instrument :  
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Manual Integrations  
 APPROVED

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 Supervised By :Jagrut Upadhyay 05/02/2025

Quant Time: May 01 12:23:40 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

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.216  | 196  | 386474   | 45.404  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 1475397  | 40.881  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.392  | 162  | 1092692  | 40.695  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.487  | 65   | 301543   | 43.124  | ng    | 99       |
| 49) Acenaphthylene            | 9.810  | 152  | 1868315  | 41.234  | ng    | 100      |
| 50) Dimethylphthalate         | 9.669  | 163  | 1278203  | 43.038  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.728  | 165  | 247512   | 43.832  | ng    | 98       |
| 52) Acenaphthene              | 9.981  | 154  | 1161277  | 43.895  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.892  | 138  | 120832   | 19.467  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 173600   | 84.535  | ng    | # 23     |
| 55) Dibenzofuran              | 10.157 | 168  | 1619144  | 40.827  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.045 | 139  | 471700   | 101.045 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.134 | 165  | 334335   | 48.433  | ng    | 99       |
| 58) Fluorene                  | 10.498 | 166  | 1240639  | 41.143  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.269 | 232  | 316821   | 44.934  | ng    | 99       |
| 60) Diethylphthalate          | 10.369 | 149  | 1280368  | 43.657  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 583485   | 40.745  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 278877   | 44.489  | ng    | 99       |
| 63) Azobenzene                | 10.651 | 77   | 1225283  | 42.308  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 114521   | 44.424  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.610 | 169  | 1120137  | 40.934  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.981 | 248  | 374442   | 41.981  | ng    | 99       |
| 68) Hexachlorobenzene         | 11.045 | 284  | 416999   | 41.744  | ng    | 99       |
| 69) Atrazine                  | 11.133 | 200  | 327822   | 45.449  | ng    | 98       |
| 70) Pentachlorophenol         | 11.233 | 266  | 491588   | 93.152  | ng    | 98       |
| 71) Phenanthrene              | 11.463 | 178  | 1729683  | 39.983  | ng    | 99       |
| 72) Anthracene                | 11.510 | 178  | 1809920  | 40.920  | ng    | 100      |
| 73) Carbazole                 | 11.663 | 167  | 1673738  | 41.482  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.998 | 149  | 1832830  | 45.166  | ng    | 100      |
| 75) Fluoranthene              | 12.645 | 202  | 1790811  | 41.876  | ng    | 99       |
| 77) Benzidine                 | 12.769 | 184  | 427420   | 22.492  | ng    | 98       |
| 78) Pyrene                    | 12.875 | 202  | 1769704  | 42.897  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 508489   | 45.305  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.063 | 228  | 1236291  | 41.178  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.027 | 252  | 102802   | 11.657  | ng    | 99       |
| 83) Chrysene                  | 14.104 | 228  | 1191462  | 43.597  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 629446   | 40.842  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.674 | 149  | 1146731  | 41.045  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 1385292  | 42.153  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.127 | 252  | 1230162  | 44.141  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 1011794  | 39.692  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 1085464  | 42.542  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 1127475  | 42.272  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.539 | 276  | 1126050  | 41.996  | ng    | 99       |

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

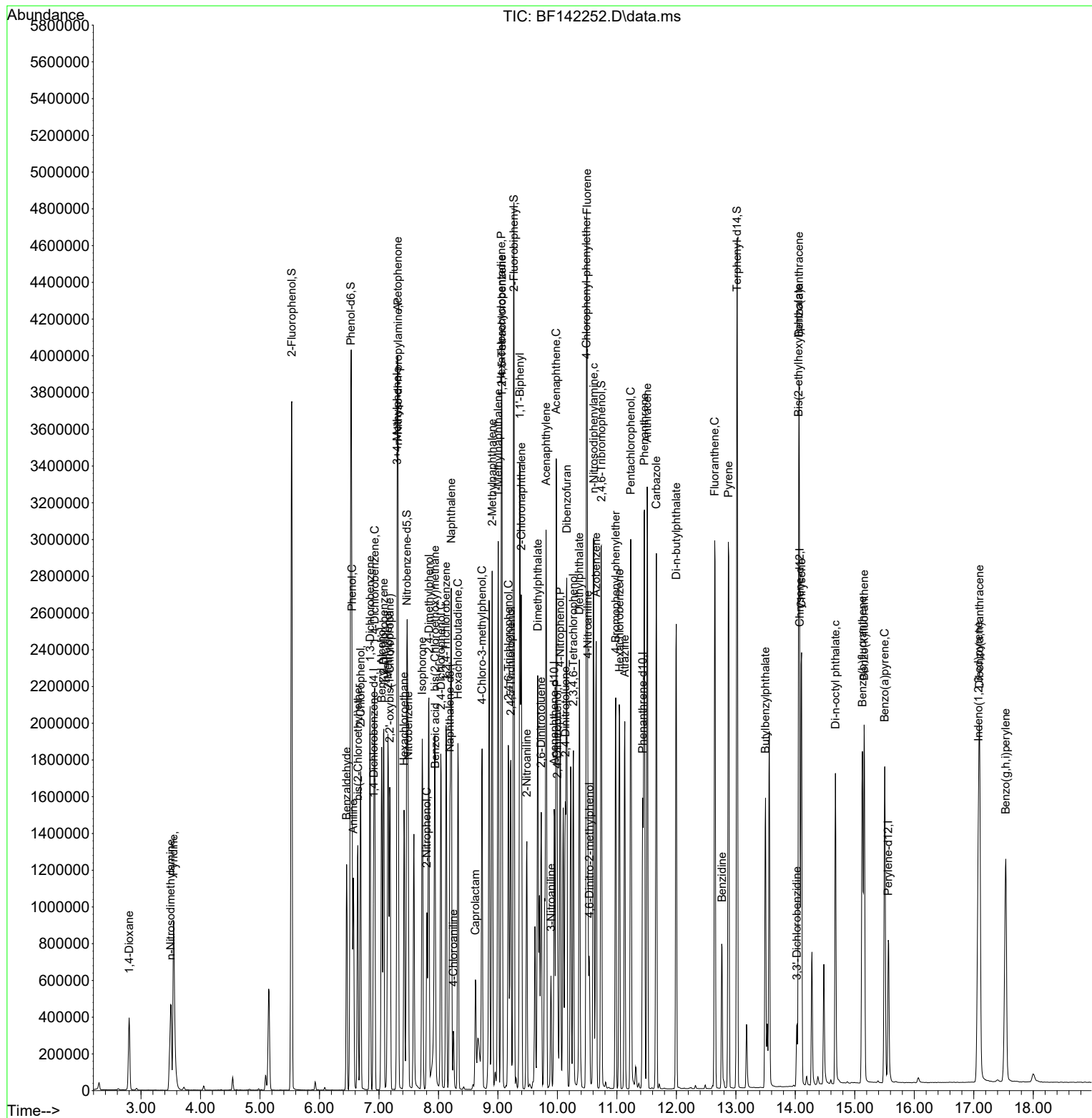
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050125\  
 Data File : BF142252.D  
 Acq On : 01 May 2025 11:13  
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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

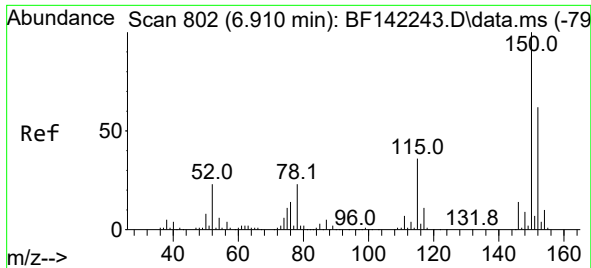
Instrument :  
 BNA\_F  
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 PB167798BS

### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025  
 Supervised By :Jagrut Upadhyay 05/02/2025

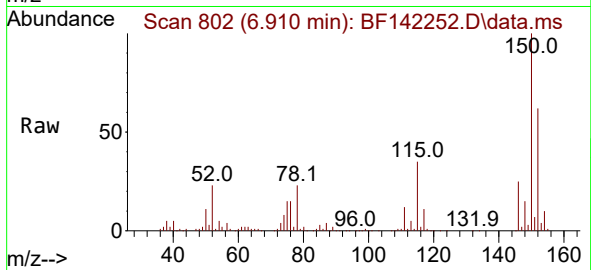
Quant Time: May 01 12:23:40 2025  
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#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.910 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF142252.D  
 Acq: 01 May 2025 11:13

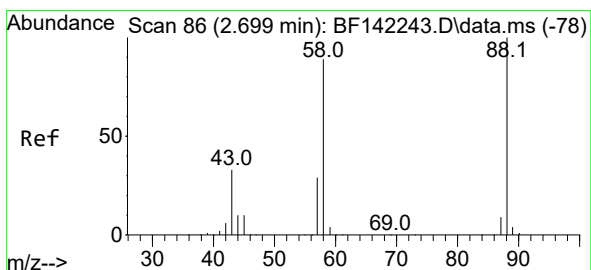
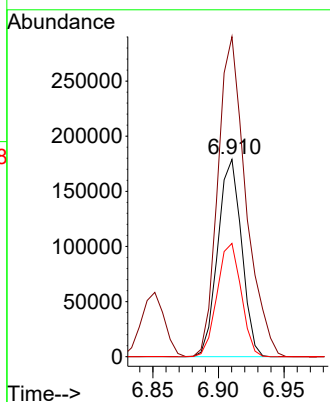
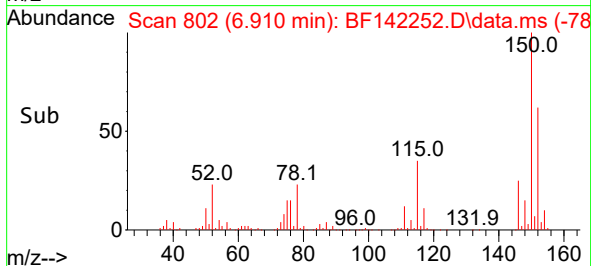
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167798BS



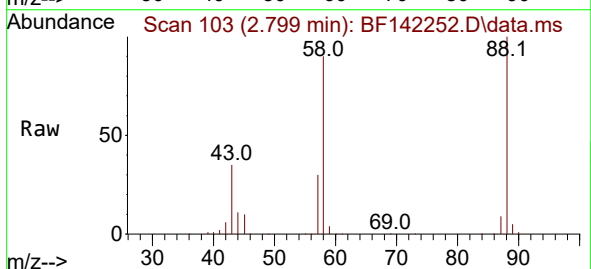
Tgt Ion: 152 Resp: 225762  
 Ion Ratio Lower Upper  
 152 100  
 150 162.2 130.2 195.2  
 115 57.4 47.0 70.4

Manual Integrations  
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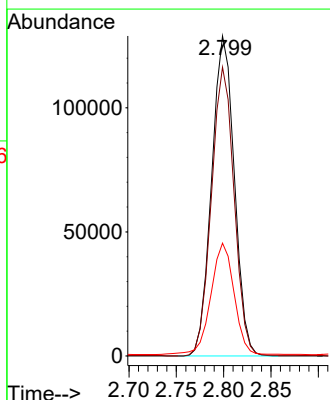
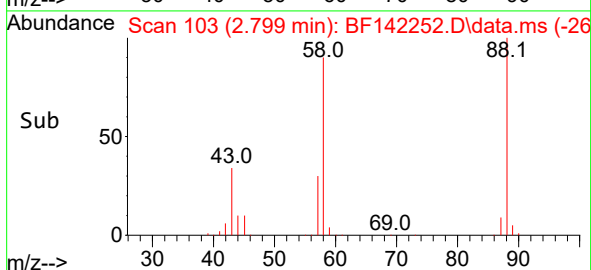
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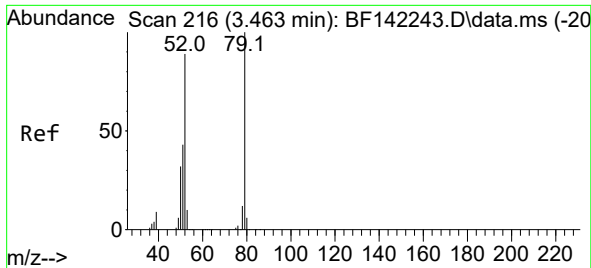


#2  
 1,4-Dioxane  
 Concen: 34.032 ng  
 RT: 2.799 min Scan# 103  
 Delta R.T. 0.100 min  
 Lab File: BF142252.D  
 Acq: 01 May 2025 11:13



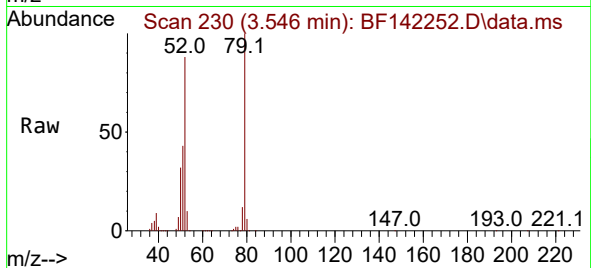
Tgt Ion: 88 Resp: 214857  
 Ion Ratio Lower Upper  
 88 100  
 58 90.3 72.2 108.2  
 43 35.8 27.0 40.6





#3  
Pyridine  
Concen: 37.305 ng  
RT: 3.546 min Scan# 216  
Delta R.T. 0.082 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

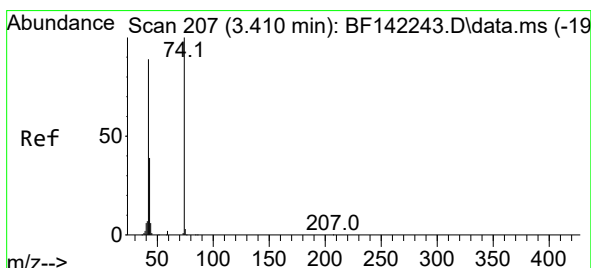
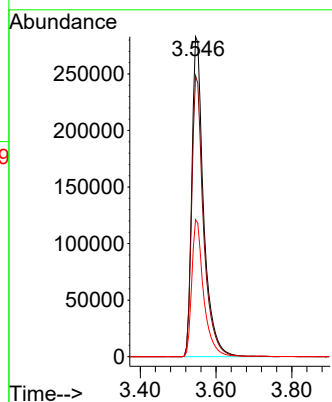
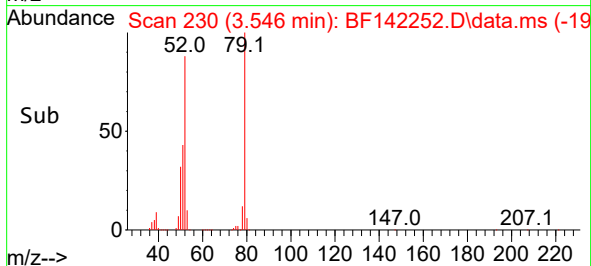
Instrument :  
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ClientSampleId :  
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Tgt Ion: 79 Resp: 61210  
Ion Ratio Lower Upper  
79 100  
52 87.8 71.5 107.3  
51 42.9 34.5 51.7

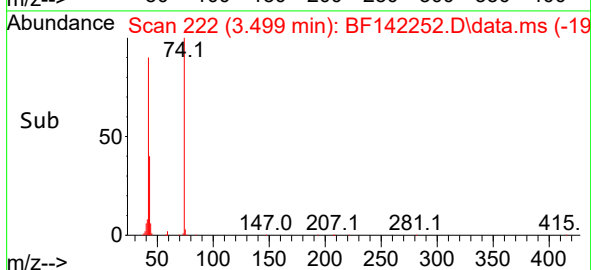
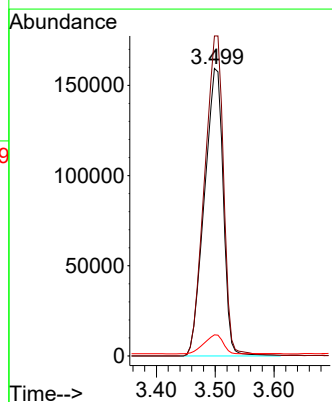
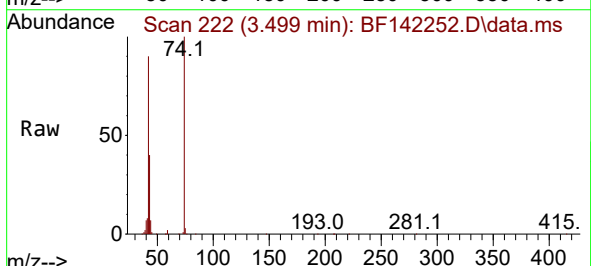
Manual Integrations  
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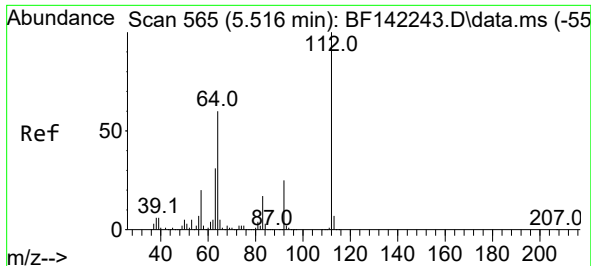
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#4  
n-Nitrosodimethylamine  
Concen: 41.713 ng  
RT: 3.499 min Scan# 222  
Delta R.T. 0.088 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Tgt Ion: 42 Resp: 354189  
Ion Ratio Lower Upper  
42 100  
74 111.3 89.5 134.3  
44 7.4 6.6 9.8





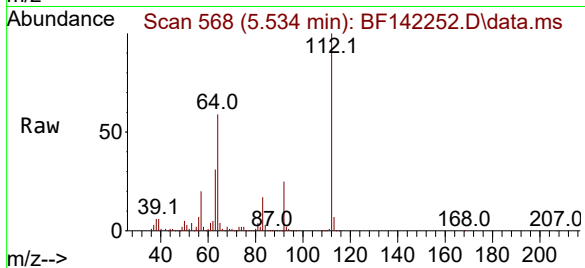
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2-Fluorophenol  
Concen: 111.332 ng  
RT: 5.534 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

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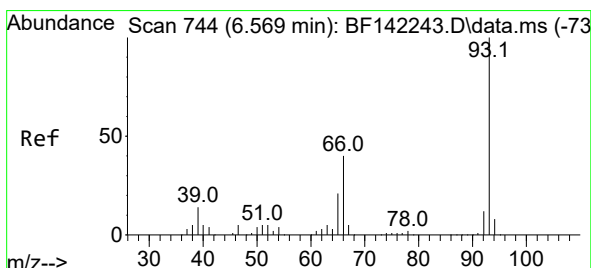
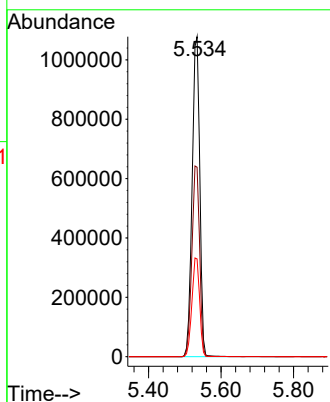
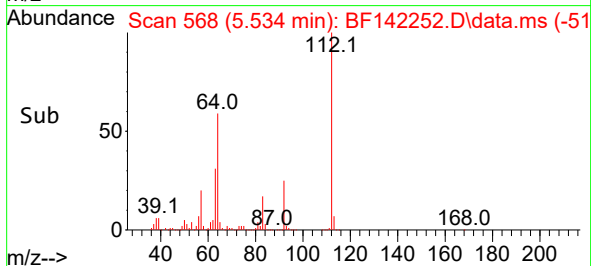
Tgt Ion:112 Resp: 1573800  
Ion Ratio Lower Upper  
112 100  
64 59.2 48.4 72.6  
63 30.5 24.8 37.2

Manual Integrations

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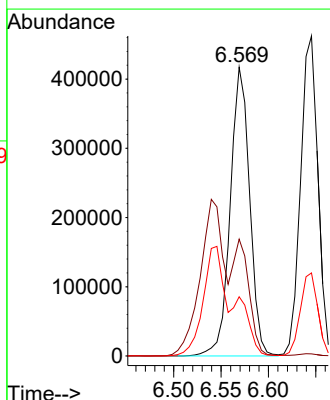
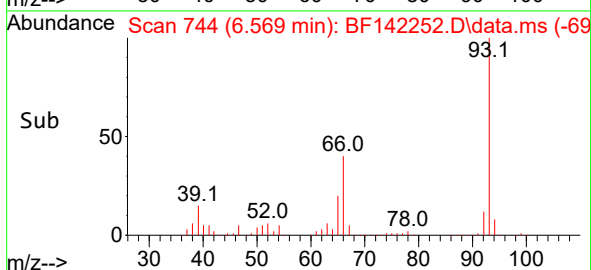
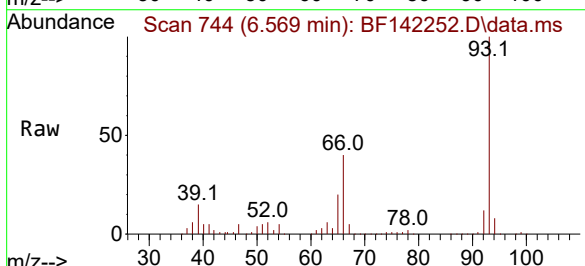
Reviewed By :Rahul Chavli 05/02/2025

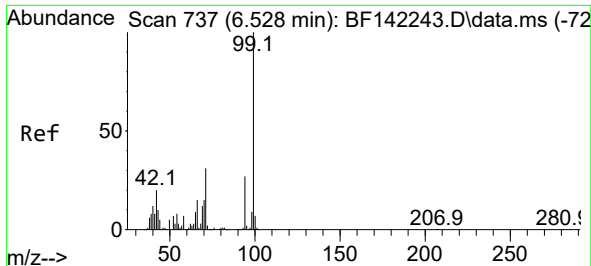
Supervised By :Jagrut Upadhyay 05/02/2025



#6  
Aniline  
Concen: 24.635 ng  
RT: 6.569 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

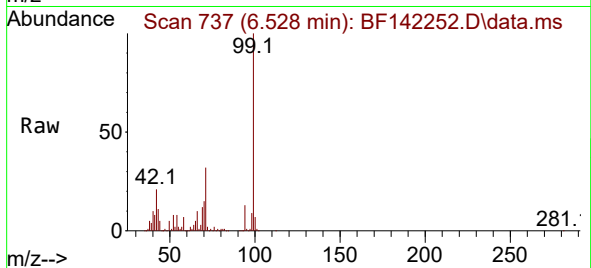
Tgt Ion: 93 Resp: 595232  
Ion Ratio Lower Upper  
93 100  
66 40.4 32.1 48.1  
65 20.5 16.6 24.8





#7  
Phenol-d6  
Concen: 112.709 ng  
RT: 6.528 min Scan# 737  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

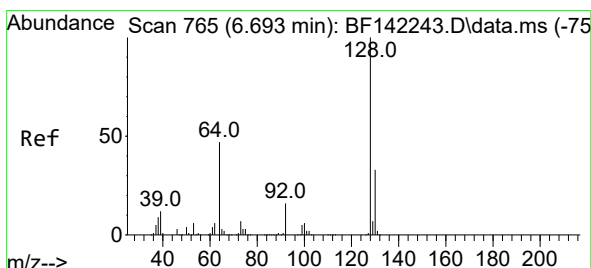
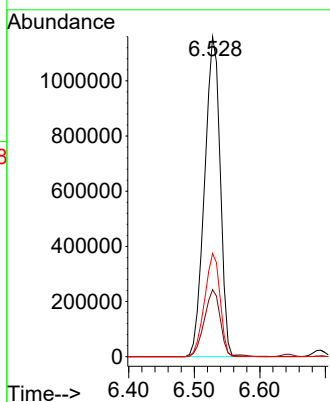
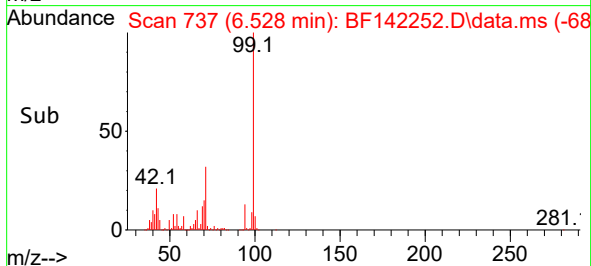
Instrument :  
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ClientSampleId :  
PB167798BS



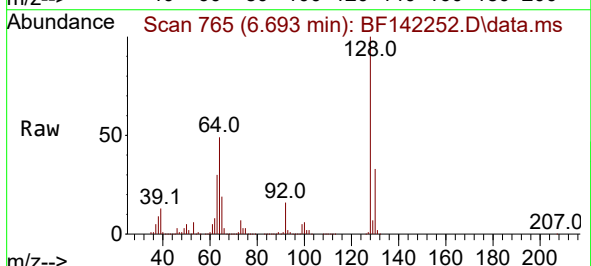
Tgt Ion: 99 Resp: 1923984  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.3 24.5  
71 32.3 25.0 37.4

Manual Integrations  
APPROVED

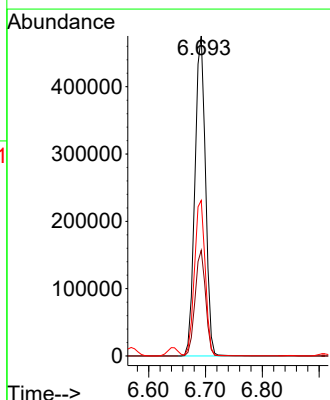
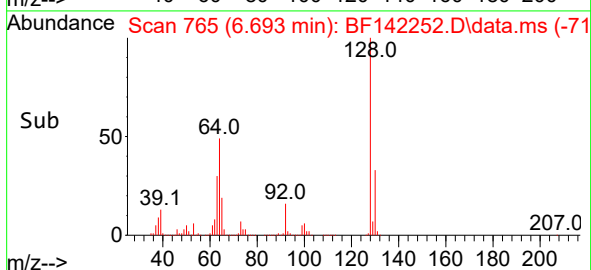
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

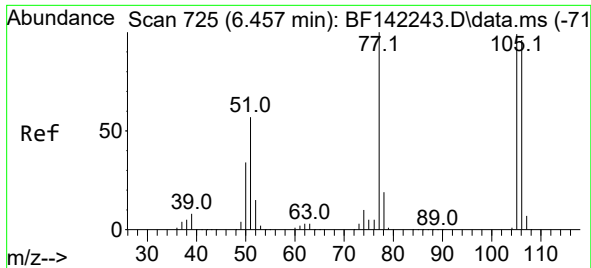


#8  
2-Chlorophenol  
Concen: 42.575 ng  
RT: 6.693 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



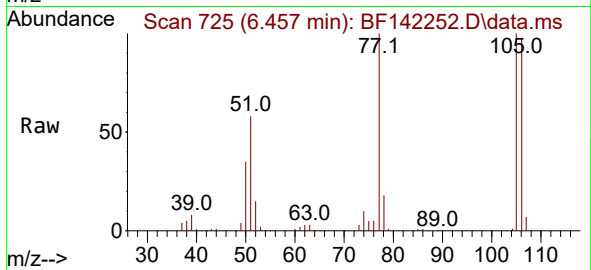
Tgt Ion:128 Resp: 621899  
Ion Ratio Lower Upper  
128 100  
130 33.0 13.1 53.1  
64 48.6 28.6 68.6





#9  
Benzaldehyde  
Concen: 25.401 ng  
RT: 6.457 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

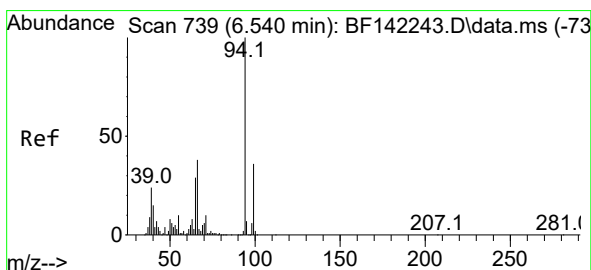
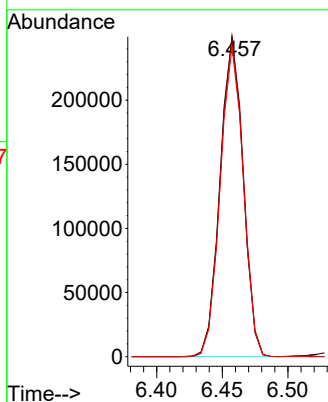
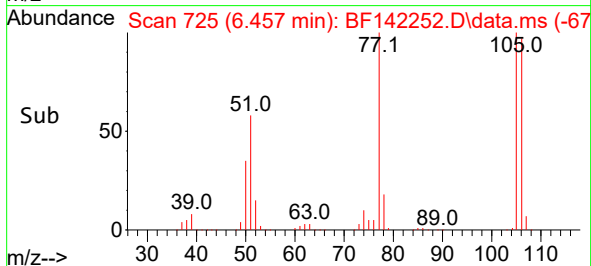
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



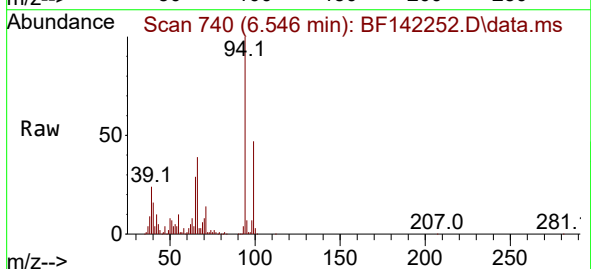
Tgt Ion: 77 Resp: 303059  
Ion Ratio Lower Upper  
77 100  
105 100.1 79.1 119.1  
106 96.9 76.0 116.0

Manual Integrations  
APPROVED

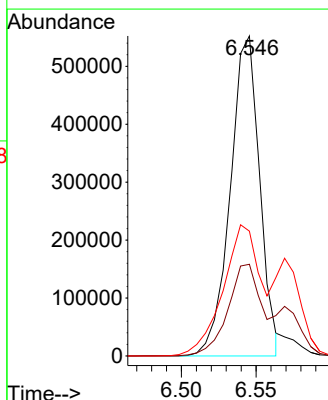
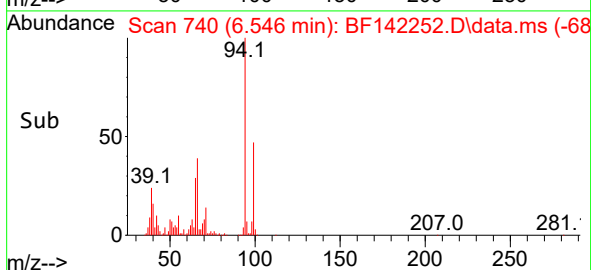
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

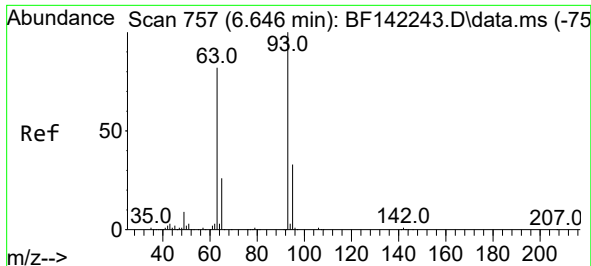


#10  
Phenol  
Concen: 41.200 ng m  
RT: 6.546 min Scan# 740  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



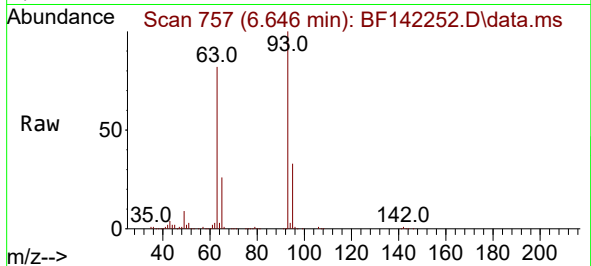
Tgt Ion: 94 Resp: 757157  
Ion Ratio Lower Upper  
94 100  
65 28.7 8.9 48.9  
66 39.0 18.7 58.7





#11  
bis(2-Chloroethyl)ether  
Concen: 40.916 ng  
RT: 6.646 min Scan# 757  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

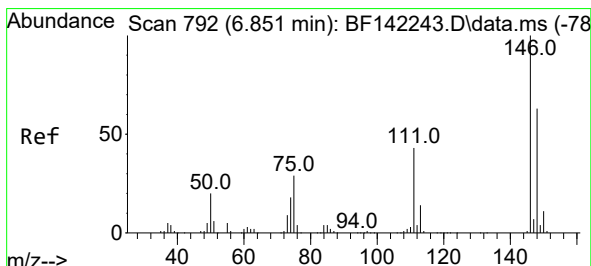
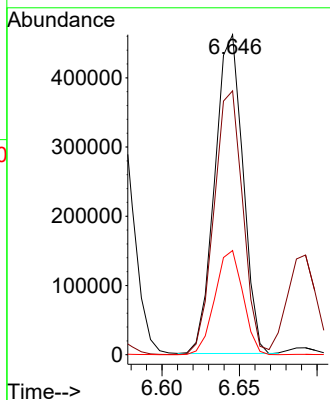
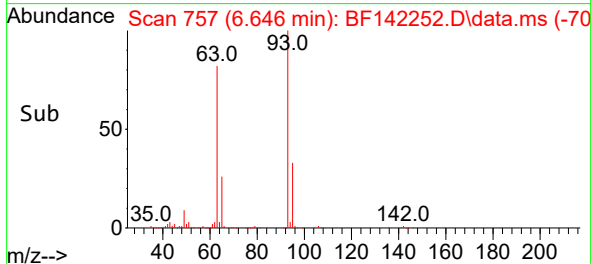
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion: 93 Resp: 582688  
Ion Ratio Lower Upper  
93 100  
63 82.4 62.2 102.2  
95 32.6 12.7 52.7

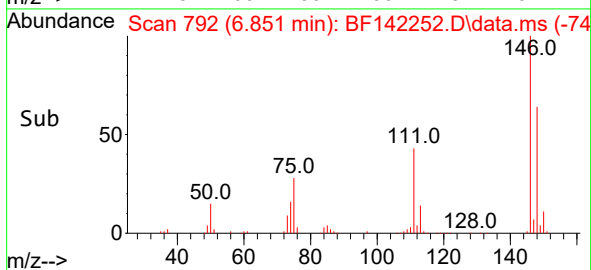
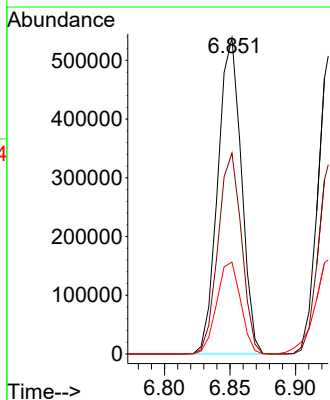
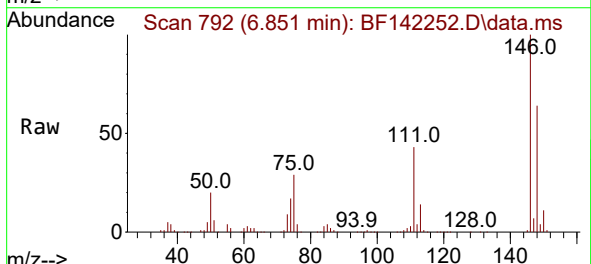
Manual Integrations  
APPROVED

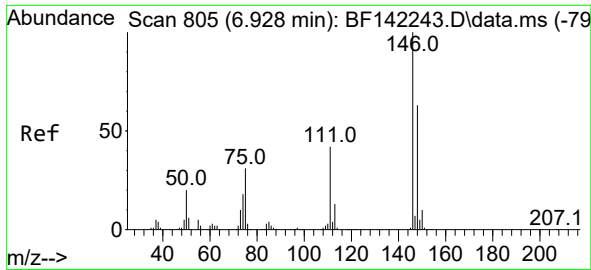
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#12  
1,3-Dichlorobenzene  
Concen: 40.585 ng  
RT: 6.851 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Tgt Ion:146 Resp: 670657  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.5 75.7  
75 29.1 23.2 34.8





#13  
1,4-Dichlorobenzene  
Concen: 40.372 ng  
RT: 6.928 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

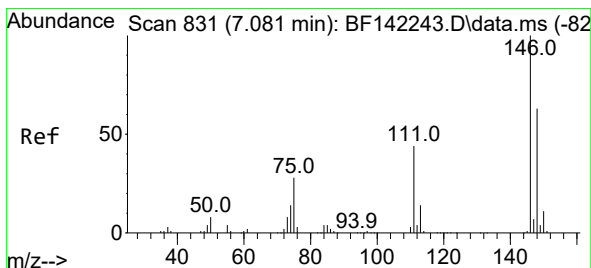
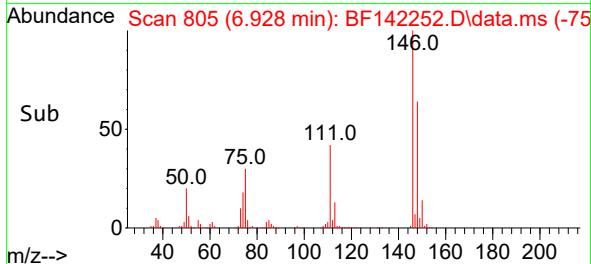
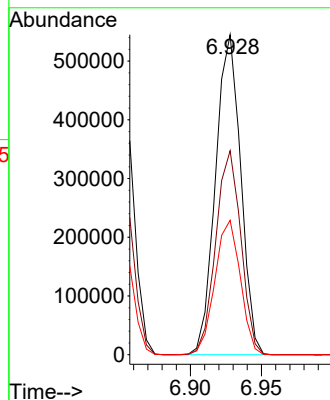
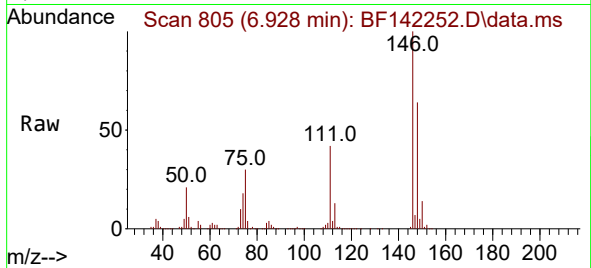
PB167798BS

Tgt Ion:146 Resp: 67215  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.6 76.0  
111 42.0 33.4 50.0

Manual Integrations

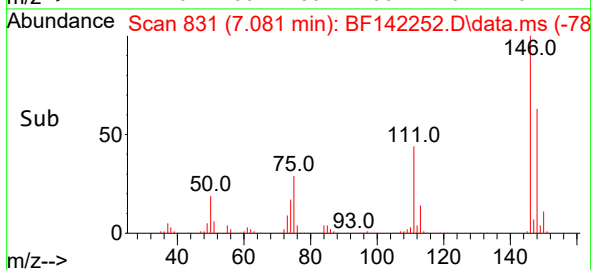
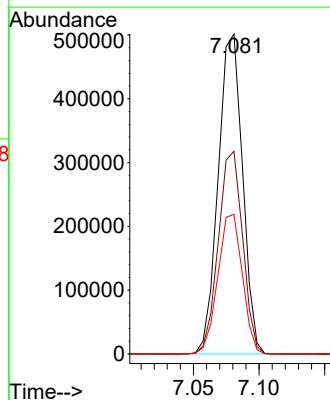
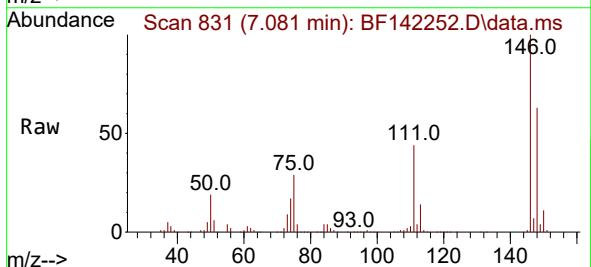
APPROVED

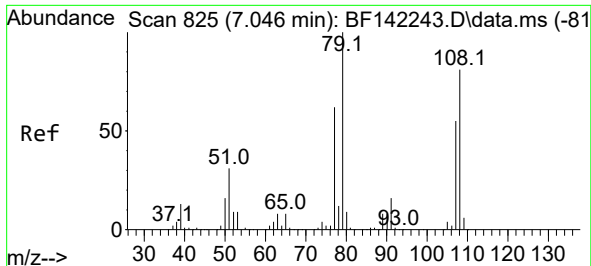
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#14  
1,2-Dichlorobenzene  
Concen: 40.722 ng  
RT: 7.081 min Scan# 831  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

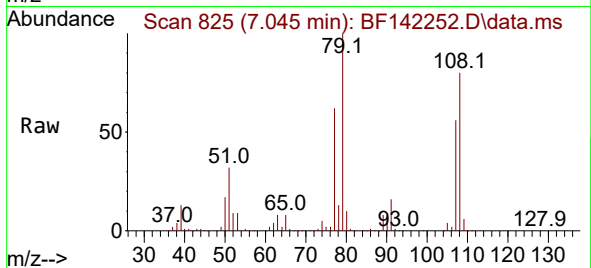
Tgt Ion:146 Resp: 647246  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.5 75.7  
111 43.6 34.9 52.3





#15  
Benzyl Alcohol  
Concen: 42.384 ng  
RT: 7.045 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

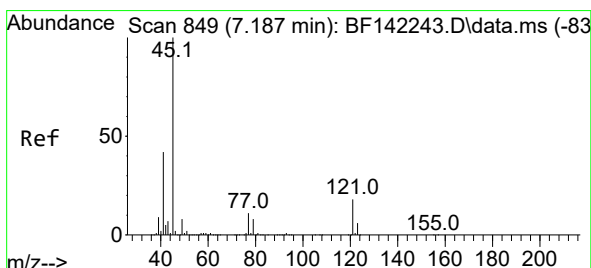
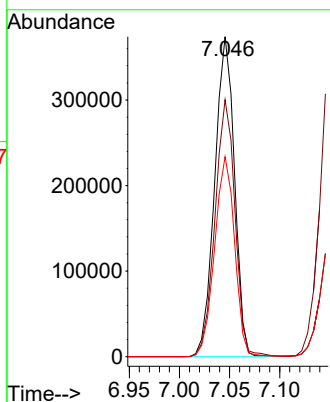
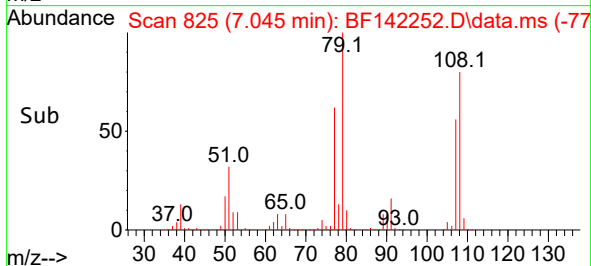
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



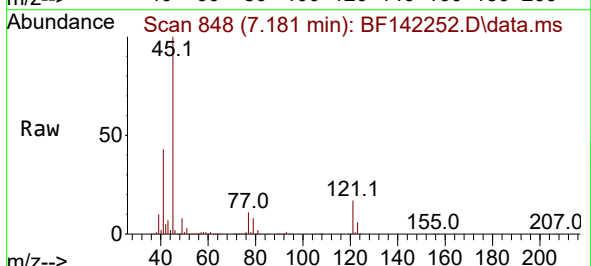
Tgt Ion: 79 Resp: 513138  
Ion Ratio Lower Upper  
79 100  
108 80.3 64.5 96.7  
77 62.5 49.2 73.8

Manual Integrations  
APPROVED

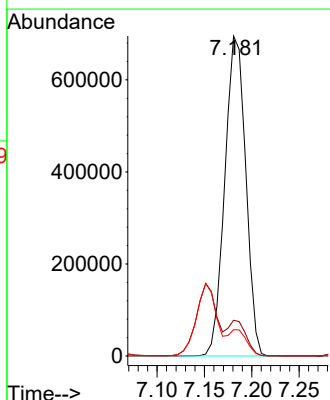
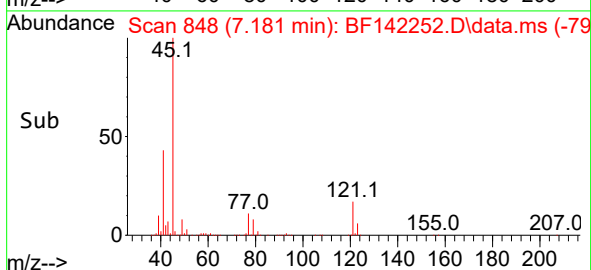
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

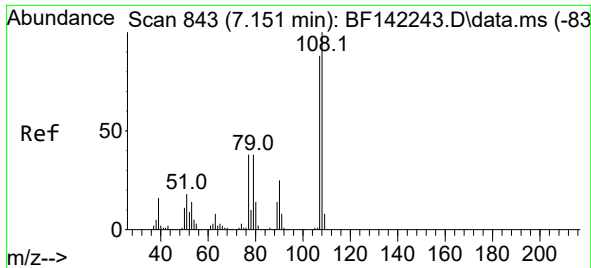


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.566 ng  
RT: 7.181 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



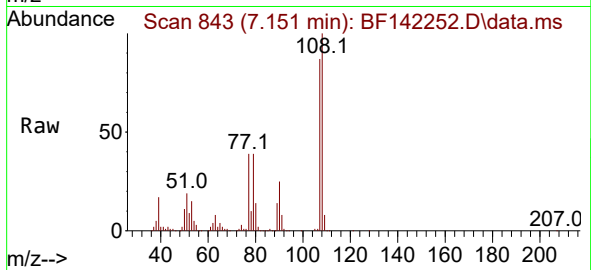
Tgt Ion: 45 Resp: 1068891  
Ion Ratio Lower Upper  
45 100  
77 11.1 0.0 31.3  
79 8.2 0.0 28.5





#17  
2-Methylphenol  
Concen: 41.877 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

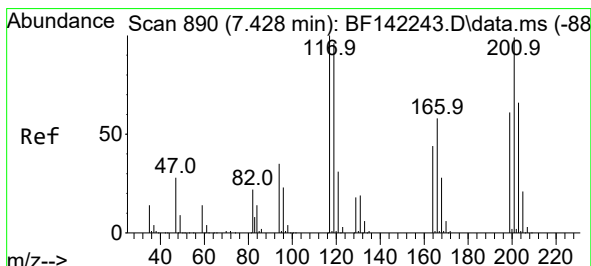
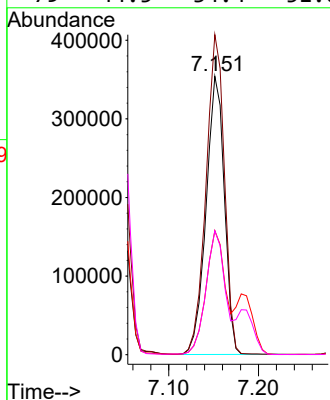
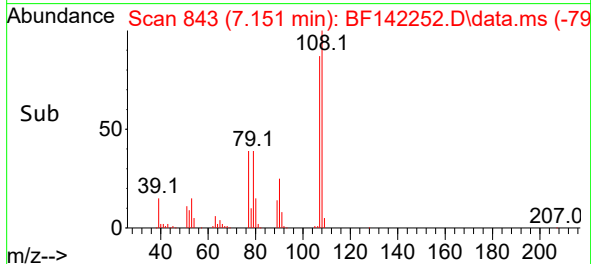
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



|             |                  |
|-------------|------------------|
| Tgt Ion:107 | Resp: 50111      |
| Ion Ratio   | Lower Upper      |
| 107         | 100              |
| 108         | 114.9 91.0 136.4 |
| 77          | 44.6 34.4 51.6   |
| 79          | 44.5 34.4 51.6   |

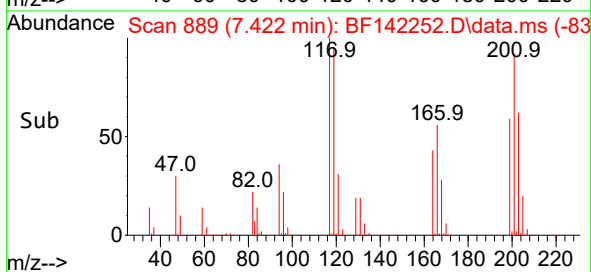
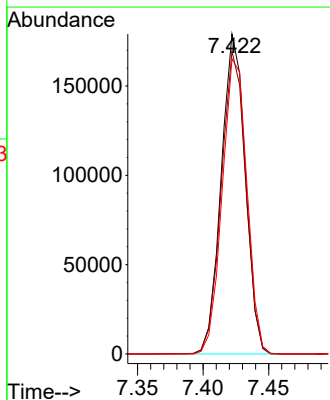
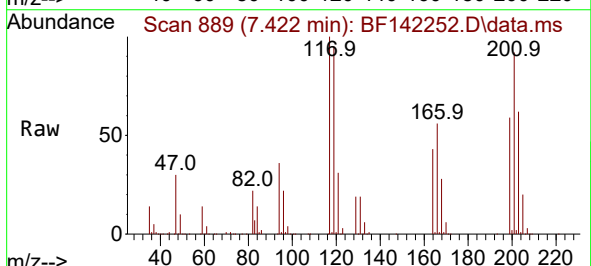
Manual Integrations  
APPROVED

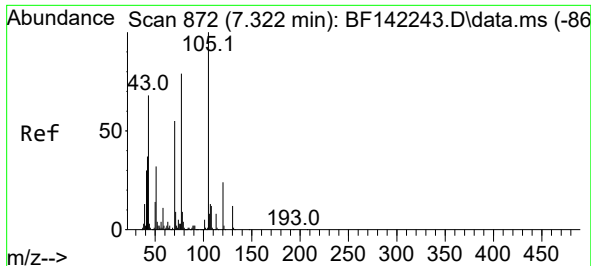
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#18  
Hexachloroethane  
Concen: 41.957 ng  
RT: 7.422 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

|             |                 |
|-------------|-----------------|
| Tgt Ion:117 | Resp: 228628    |
| Ion Ratio   | Lower Upper     |
| 117         | 100             |
| 119         | 94.6 77.1 115.7 |
| 201         | 92.2 79.4 119.2 |





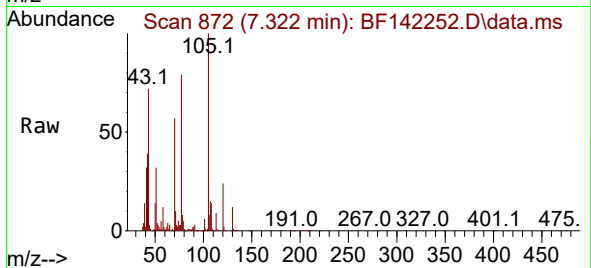
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.801 ng  
RT: 7.322 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS



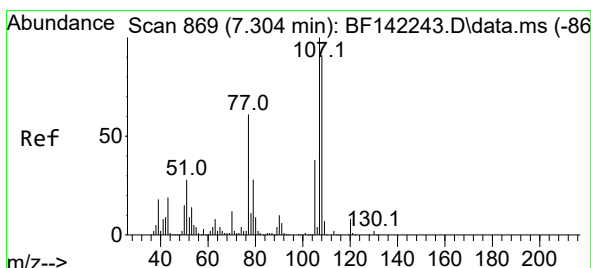
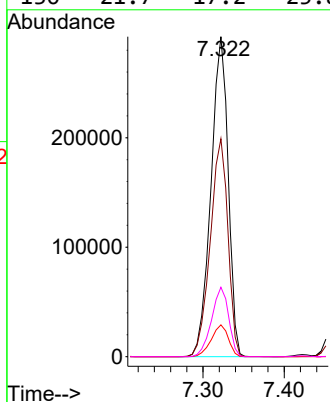
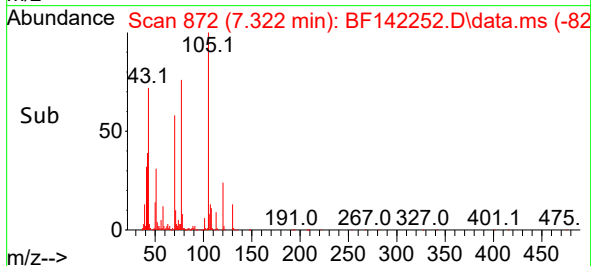
| Tgt Ion:  | 70  | Resp: | 430394 |
|-----------|-----|-------|--------|
| Ion Ratio | 70  | 100   |        |
| Lower     | 42  | 68.1  | 53.4   |
| Upper     | 101 | 10.0  | 7.7    |
|           | 130 | 21.7  | 17.2   |
|           |     |       | 25.8   |

Manual Integrations

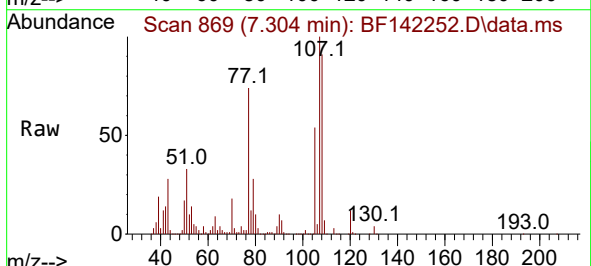
APPROVED

Reviewed By :Rahul Chavli 05/02/2025

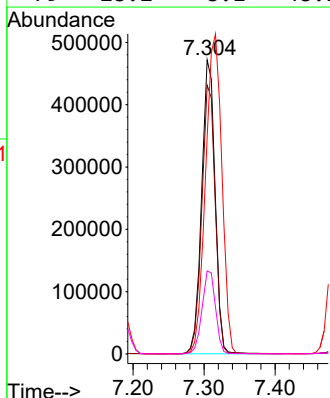
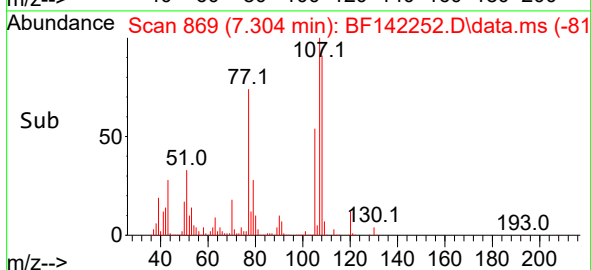
Supervised By :Jagrut Upadhyay 05/02/2025

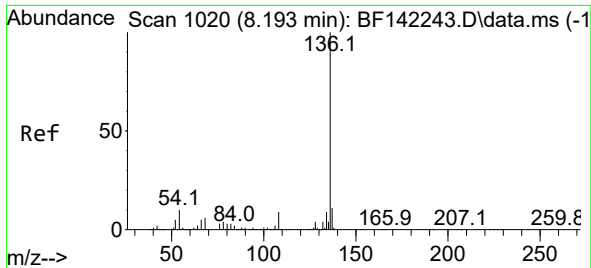


#20  
3+4-Methylphenols  
Concen: 41.509 ng  
RT: 7.304 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



| Tgt Ion:  | 107 | Resp: | 621160 |
|-----------|-----|-------|--------|
| Ion Ratio | 107 | 100   |        |
| Lower     | 108 | 91.4  | 71.2   |
| Upper     | 77  | 73.8  | 41.1   |
|           | 79  | 28.2  | 8.1    |
|           |     |       | 48.1   |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1020  
Delta R.T. -0.001 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

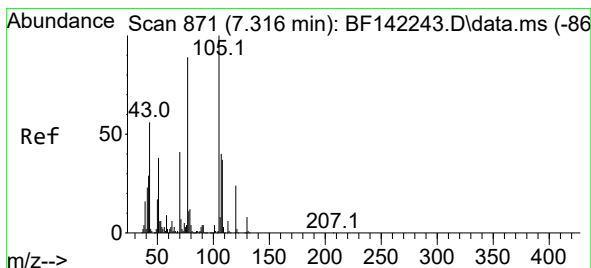
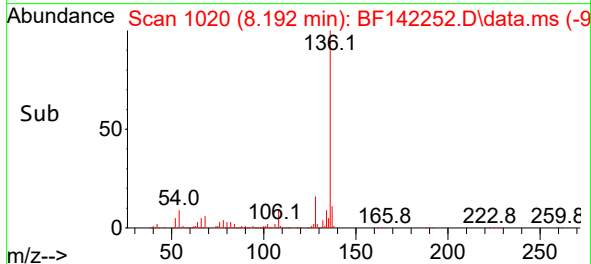
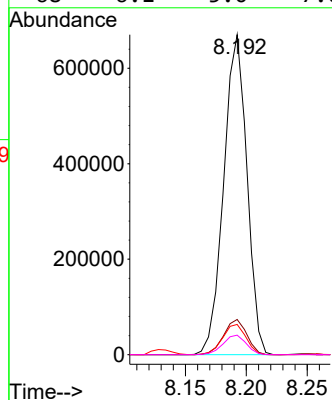
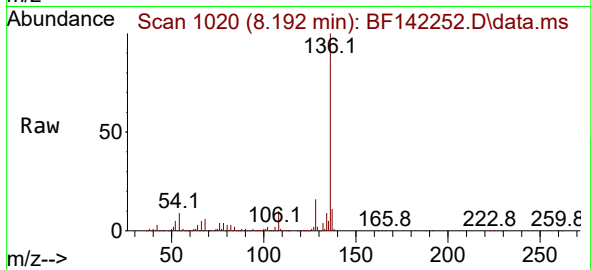
PB167798BS

Tgt Ion:136 Resp: 889454  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 9.5 7.7 11.5  
68 6.1 5.0 7.6

Manual Integrations

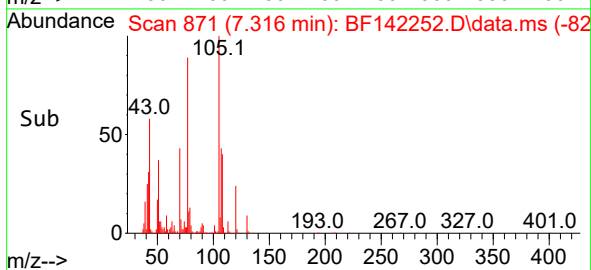
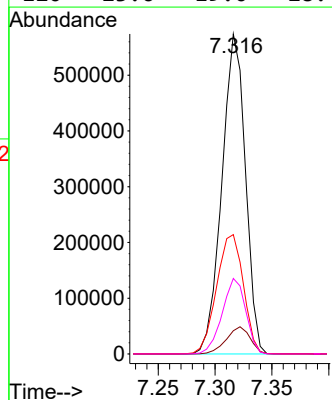
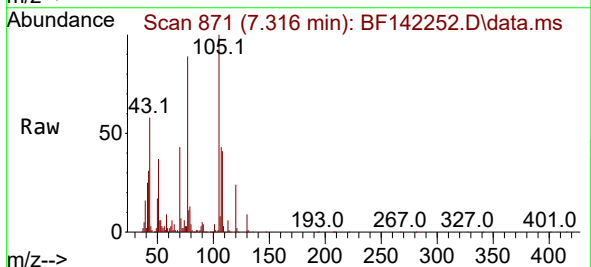
APPROVED

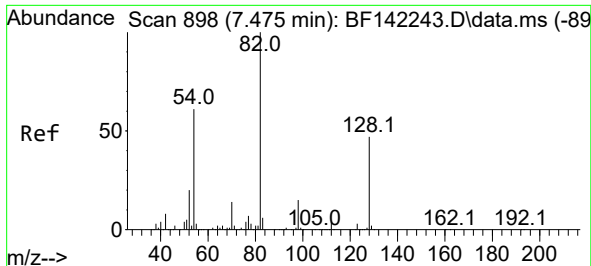
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#22  
Acetophenone  
Concen: 40.145 ng  
RT: 7.316 min Scan# 871  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Tgt Ion:105 Resp: 826074  
Ion Ratio Lower Upper  
105 100  
71 7.3 5.7 8.5  
51 37.3 30.1 45.1  
120 23.6 19.0 28.4





#23

Nitrobenzene-d5

Concen: 78.658 ng

RT: 7.469 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS

Tgt Ion: 82 Resp: 106492

Ion Ratio Lower Upper

82 100

128 44.2 37.0 55.6

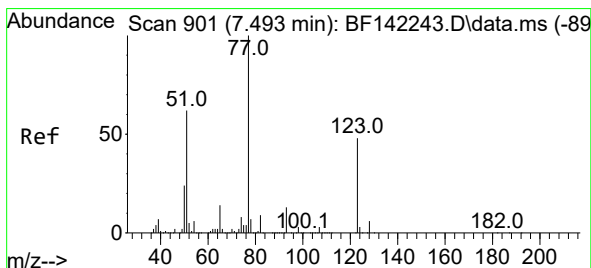
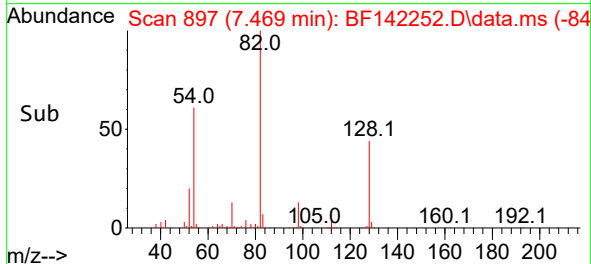
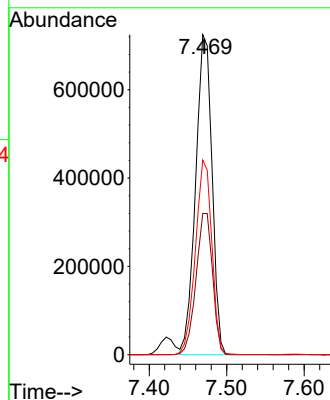
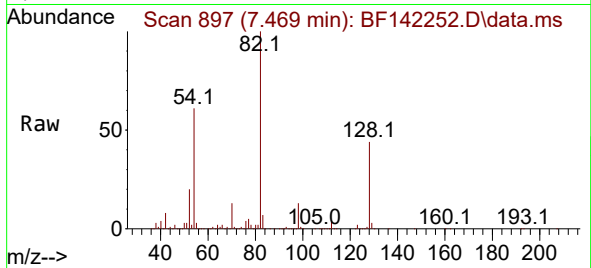
54 60.8 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#24

Nitrobenzene

Concen: 44.506 ng

RT: 7.493 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

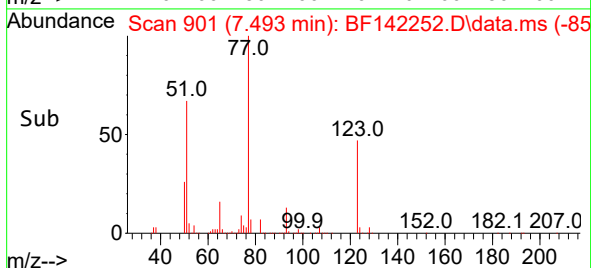
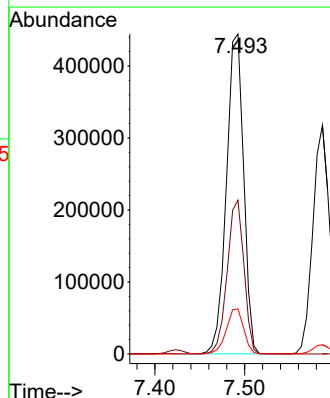
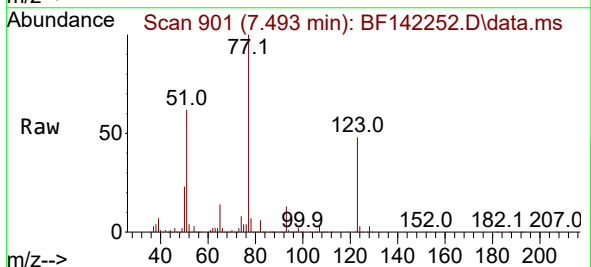
Tgt Ion: 77 Resp: 591218

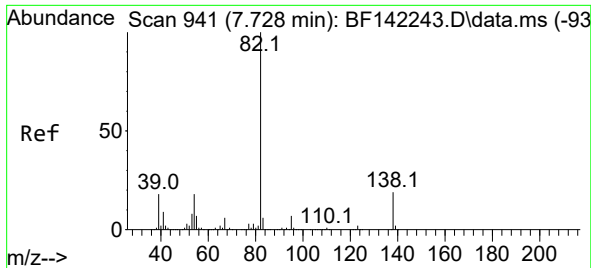
Ion Ratio Lower Upper

77 100

123 48.1 38.6 58.0

65 14.1 11.5 17.3





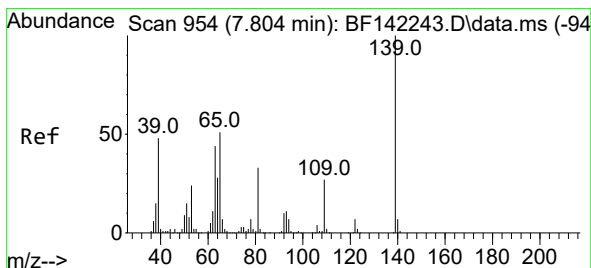
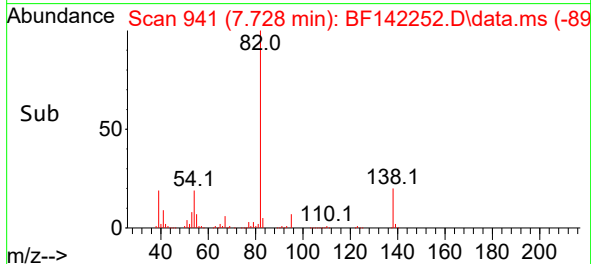
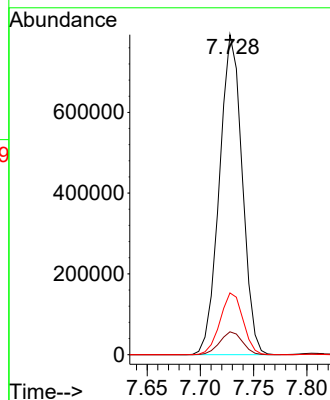
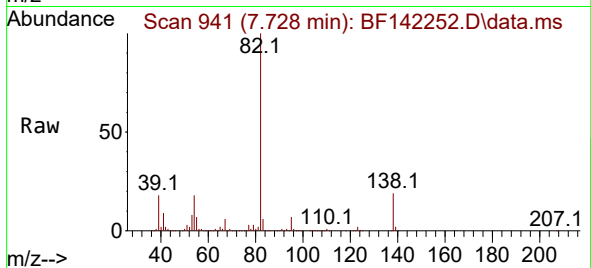
#25  
Isophorone  
Concen: 41.486 ng  
RT: 7.728 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS

Tgt Ion: 82 Resp: 1178770  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.6 8.4  
138 19.3 15.3 22.9

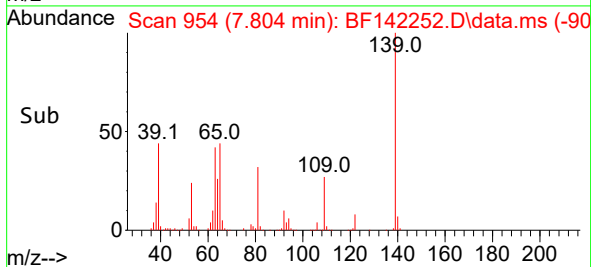
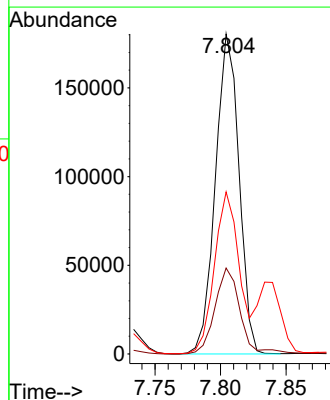
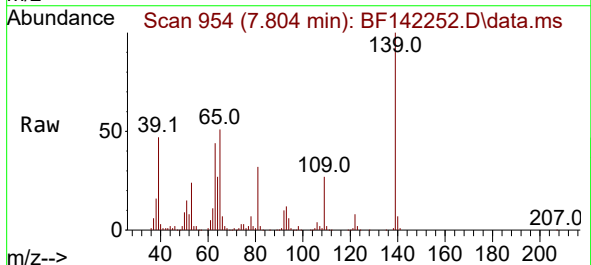
Manual Integrations  
APPROVED

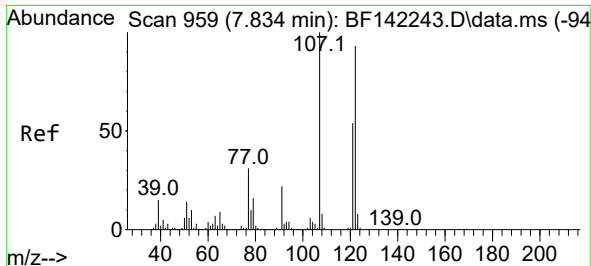
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#26  
2-Nitrophenol  
Concen: 41.847 ng  
RT: 7.804 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Tgt Ion:139 Resp: 225734  
Ion Ratio Lower Upper  
139 100  
109 26.8 21.8 32.8  
65 50.7 41.1 61.7





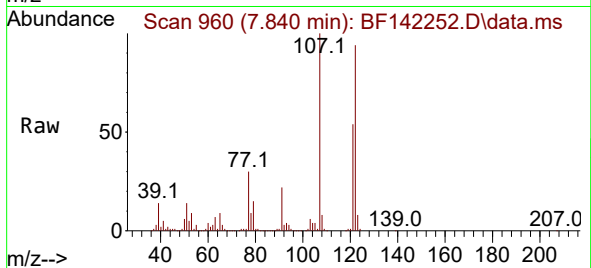
#27  
2,4-Dimethylphenol  
Concen: 42.086 ng  
RT: 7.840 min Scan# 959  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS

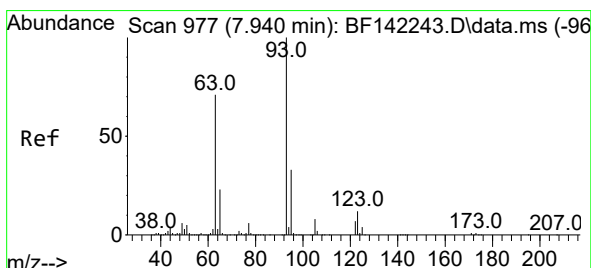
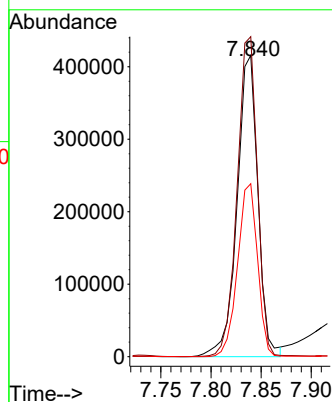
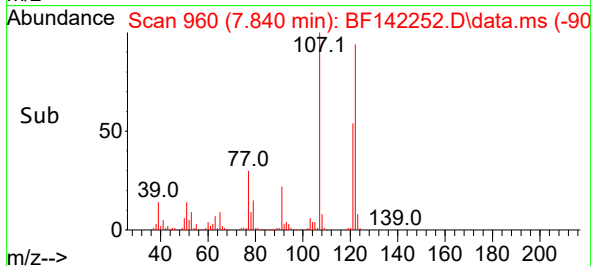


Tgt Ion:122 Resp: 60292  
Ion Ratio Lower Upper  
122 100  
107 106.2 86.0 129.0  
121 57.4 46.3 69.5

Manual Integrations

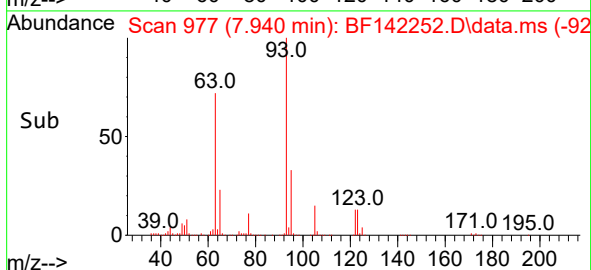
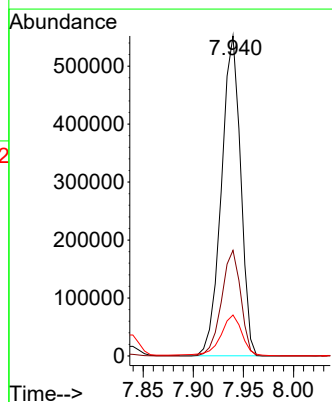
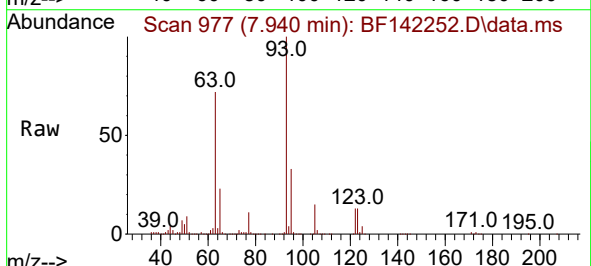
APPROVED

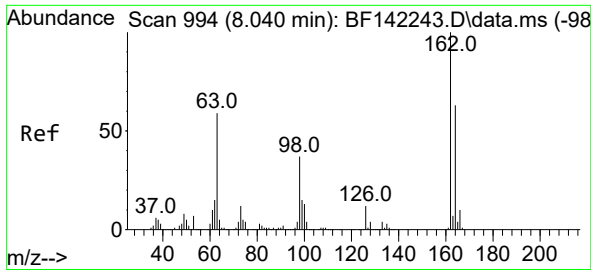
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.995 ng  
RT: 7.940 min Scan# 977  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Tgt Ion: 93 Resp: 734626  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.2 39.2  
123 12.8 9.7 14.5





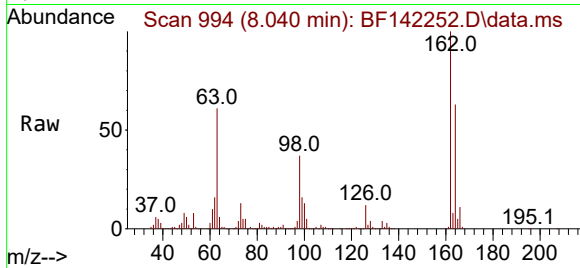
#29  
2,4-Dichlorophenol  
Concen: 42.777 ng  
RT: 8.040 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS

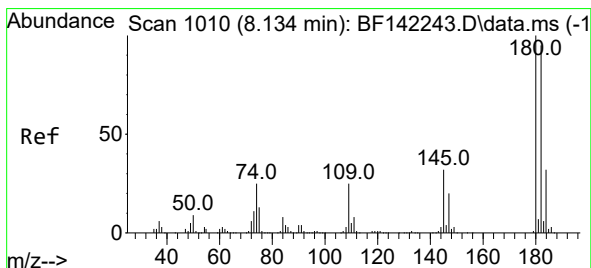
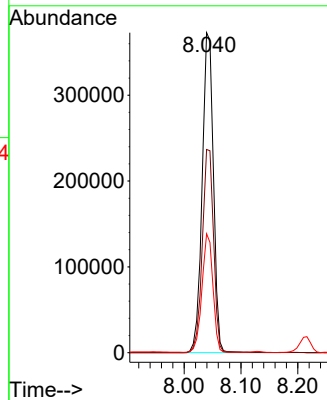
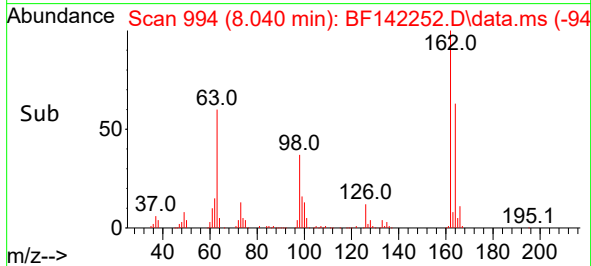


Tgt Ion:162 Resp: 512350  
Ion Ratio Lower Upper  
162 100  
164 63.5 43.0 83.0  
98 37.2 16.7 56.7

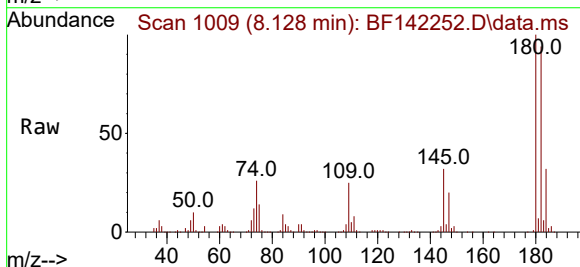
Manual Integrations

APPROVED

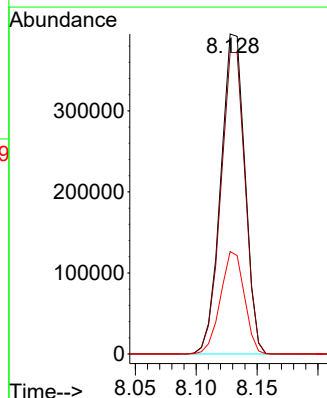
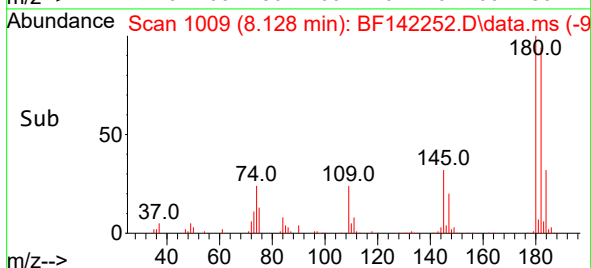
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

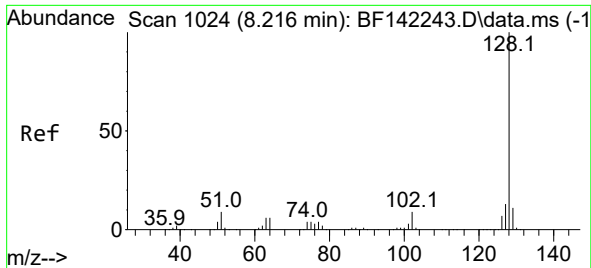


#30  
1,2,4-Trichlorobenzene  
Concen: 40.953 ng  
RT: 8.128 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



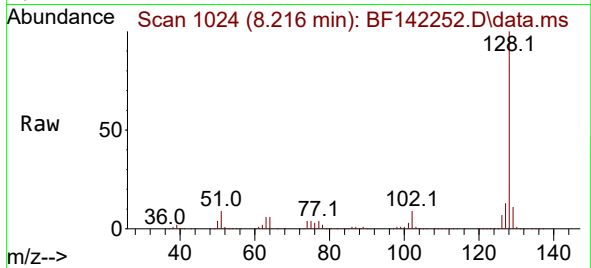
Tgt Ion:180 Resp: 547350  
Ion Ratio Lower Upper  
180 100  
182 94.2 75.7 113.5  
145 32.0 25.4 38.0





#31  
Naphthalene  
Concen: 40.399 ng  
RT: 8.216 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

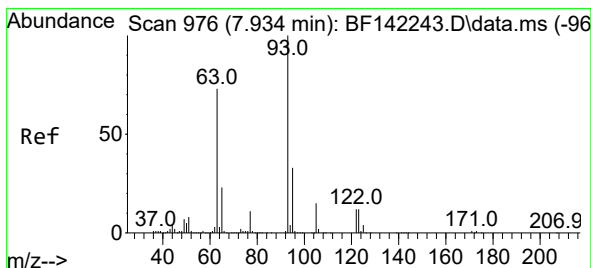
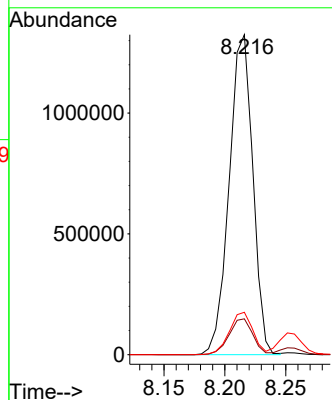
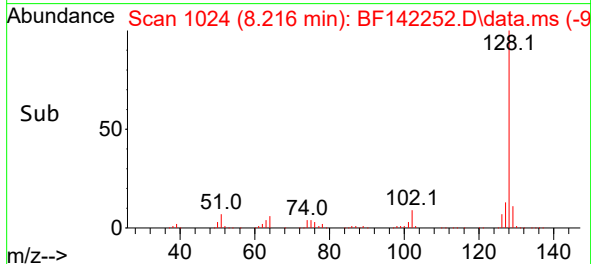
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



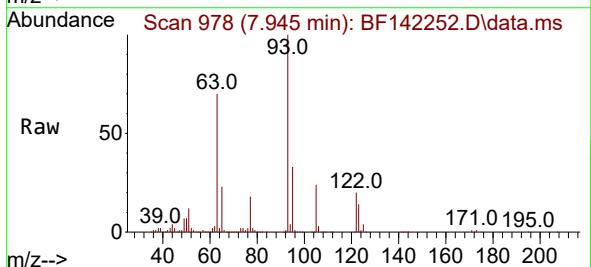
Tgt Ion:128 Resp: 179200  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.3 10.6 15.8

Manual Integrations  
APPROVED

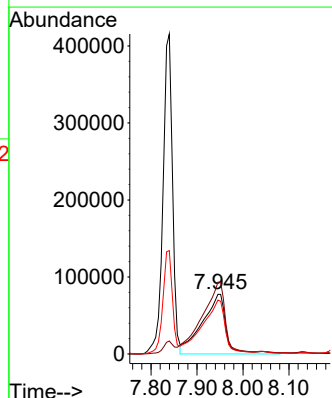
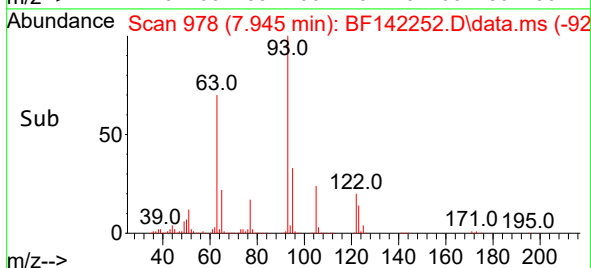
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

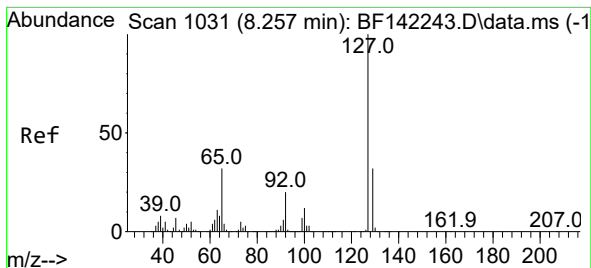


#32  
Benzoic acid  
Concen: 42.883 ng m  
RT: 7.945 min Scan# 978  
Delta R.T. 0.011 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:122 Resp: 282191  
Ion Ratio Lower Upper  
122 100  
105 120.3 98.2 138.2  
77 90.3 66.8 106.8





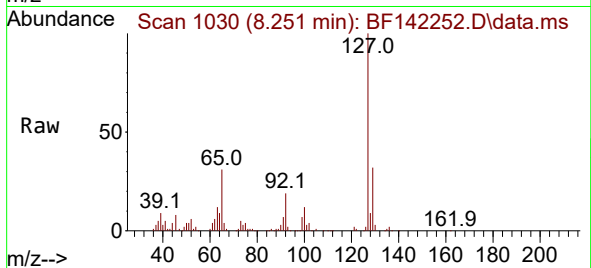
#33  
4-Chloroaniline  
Concen: 6.579 ng  
RT: 8.251 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS



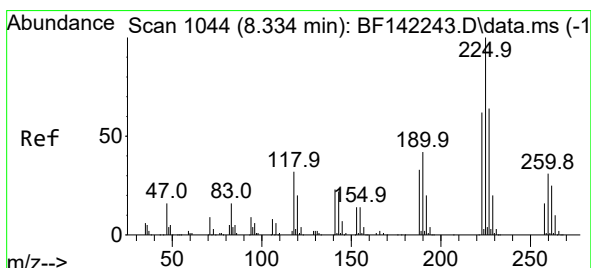
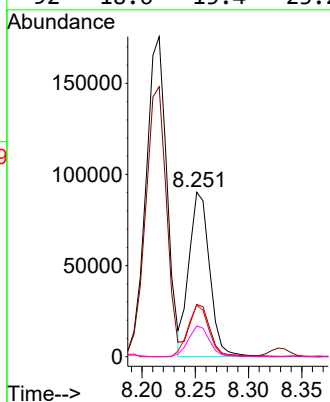
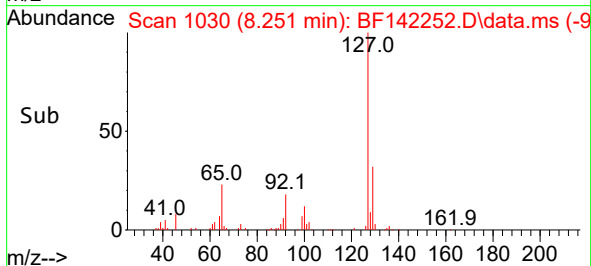
Tgt Ion:127 Resp: 121514  
Ion Ratio Lower Upper  
127 100  
129 31.7 26.1 39.1  
65 31.4 25.5 38.3  
92 18.6 15.4 23.2

Manual Integrations

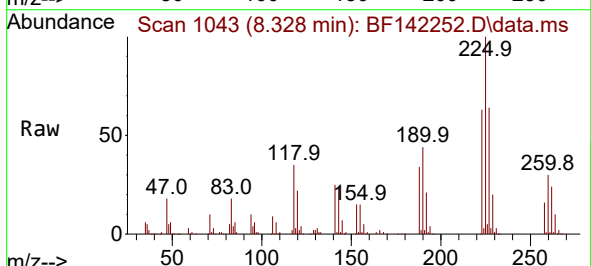
APPROVED

Reviewed By :Rahul Chavli 05/02/2025

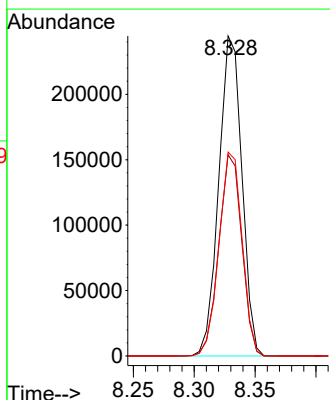
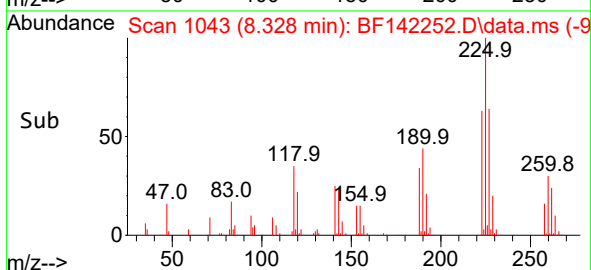
Supervised By :Jagrut Upadhyay 05/02/2025

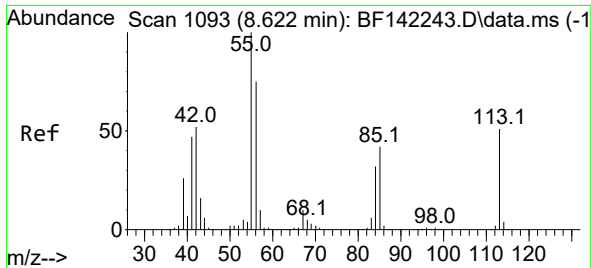


#34  
Hexachlorobutadiene  
Concen: 41.453 ng  
RT: 8.328 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



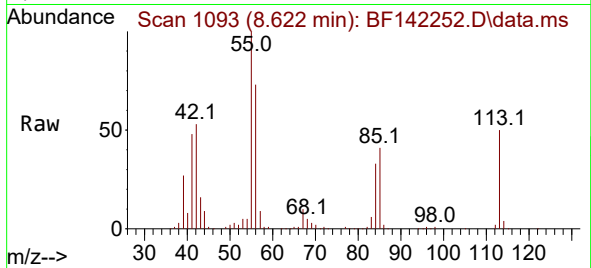
Tgt Ion:225 Resp: 323243  
Ion Ratio Lower Upper  
225 100  
223 62.9 49.7 74.5  
227 63.7 51.0 76.4





#35  
Caprolactam  
Concen: 45.568 ng m  
RT: 8.622 min Scan# 1093  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

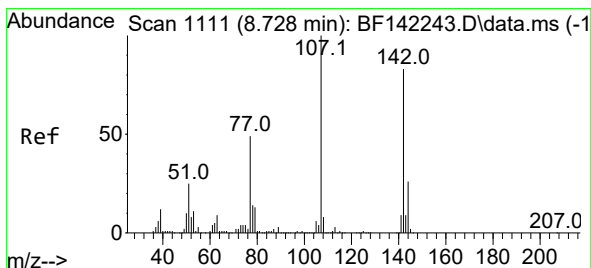
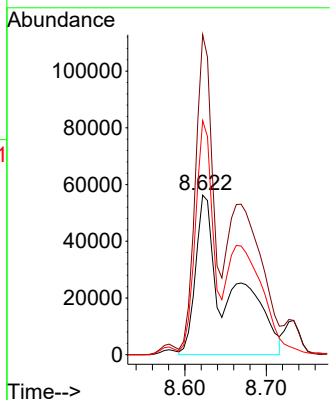
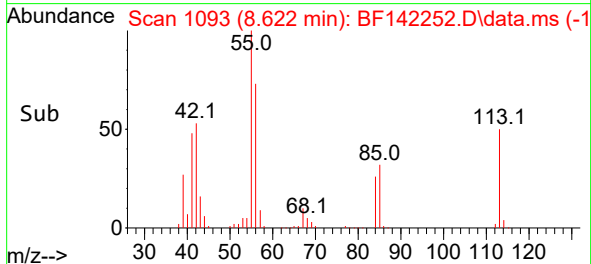
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



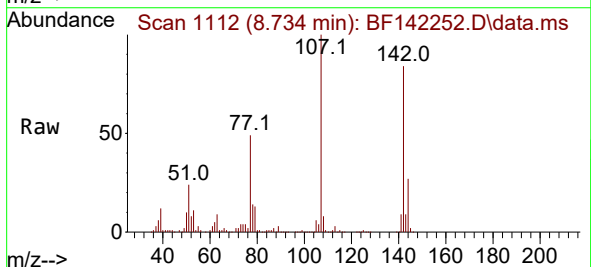
Tgt Ion:113 Resp: 16404  
Ion Ratio Lower Upper  
113 100  
55 200.6 177.7 217.7  
56 146.8 127.1 167.1

Manual Integrations  
APPROVED

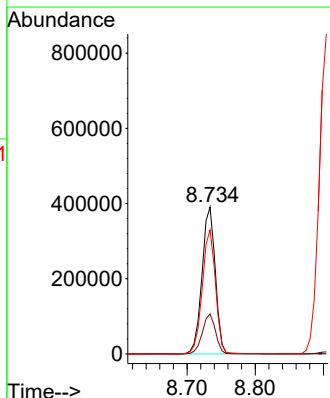
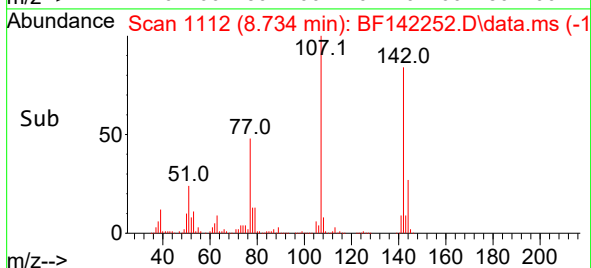
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

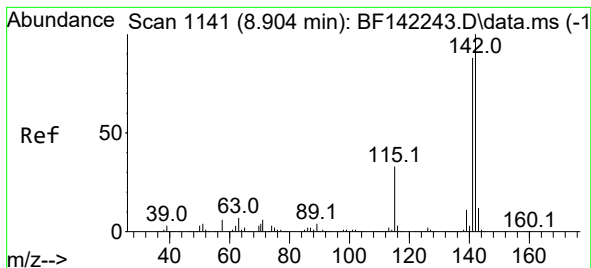


#36  
4-Chloro-3-methylphenol  
Concen: 43.315 ng  
RT: 8.734 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:107 Resp: 532722  
Ion Ratio Lower Upper  
107 100  
144 27.2 21.0 31.4  
142 84.4 66.1 99.1





#37  
2-Methylnaphthalene  
Concen: 40.544 ng  
RT: 8.904 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

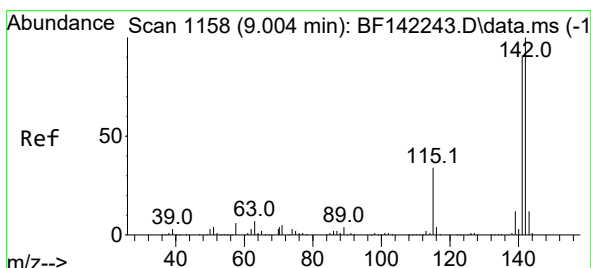
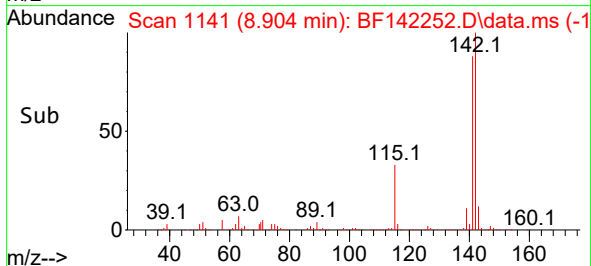
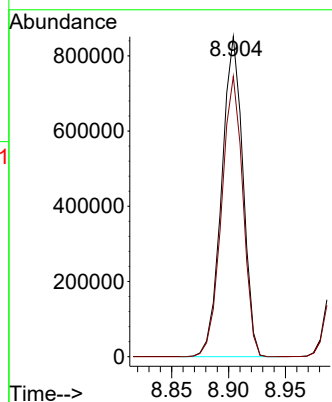
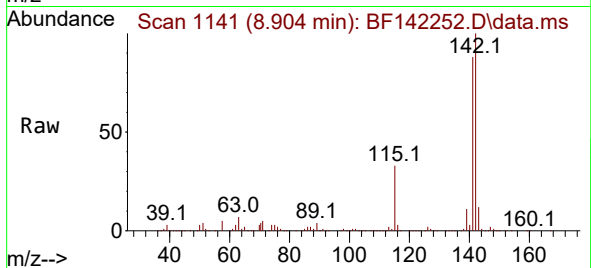
PB167798BS

Tgt Ion:142 Resp: 1105725  
Ion Ratio Lower Upper  
142 100  
141 87.6 70.5 105.7

Manual Integrations

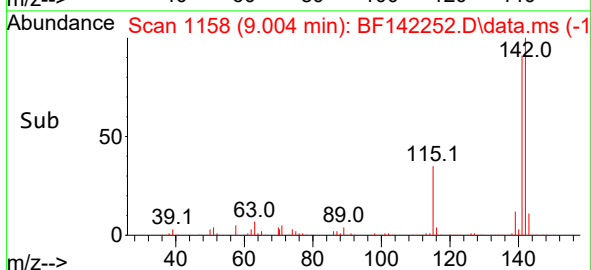
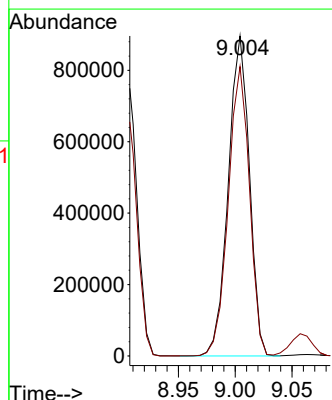
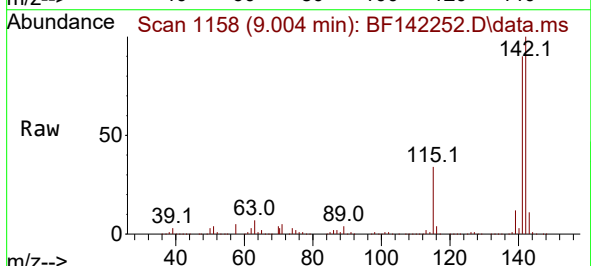
APPROVED

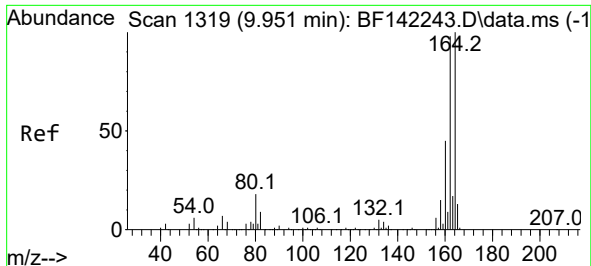
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#38  
1-Methylnaphthalene  
Concen: 41.039 ng  
RT: 9.004 min Scan# 1158  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

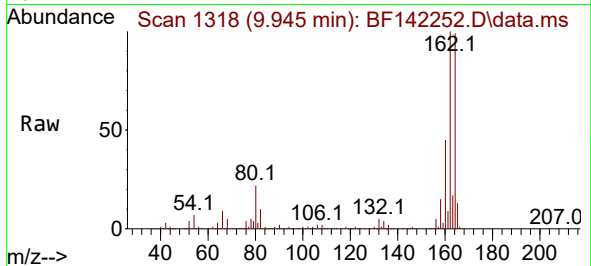
Tgt Ion:142 Resp: 1159466  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.8 109.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.945 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

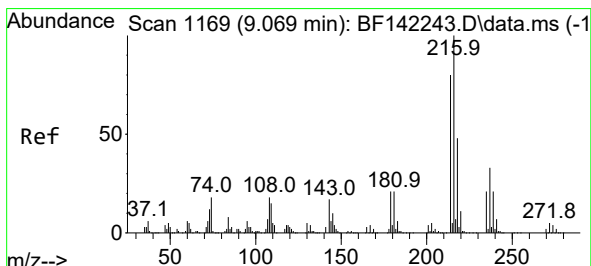
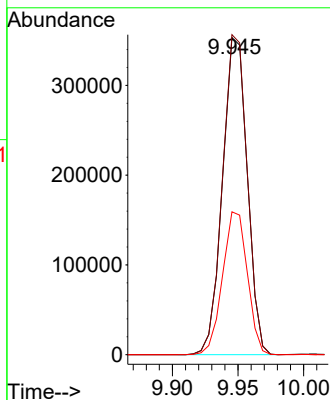
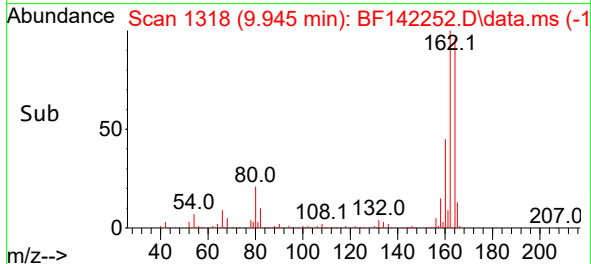
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:164 Resp: 464234  
Ion Ratio Lower Upper  
164 100  
162 100.9 78.6 117.8  
160 45.1 35.7 53.5

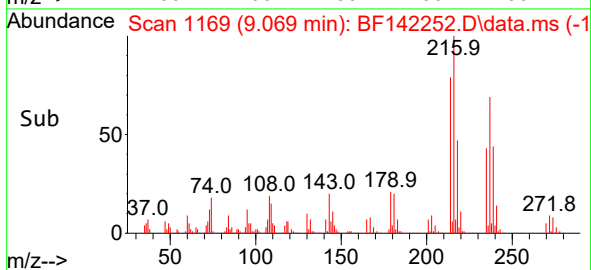
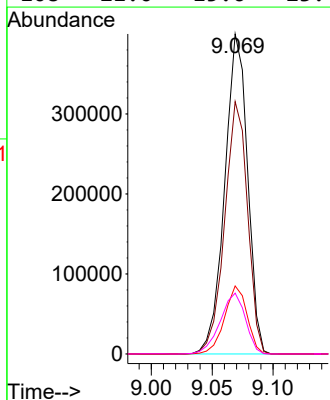
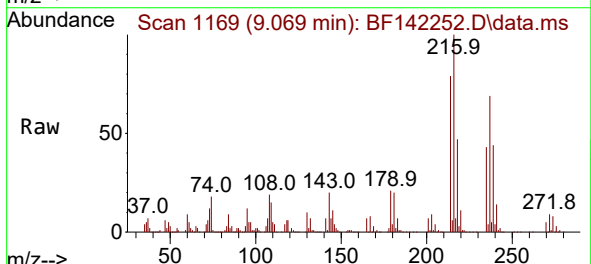
Manual Integrations  
APPROVED

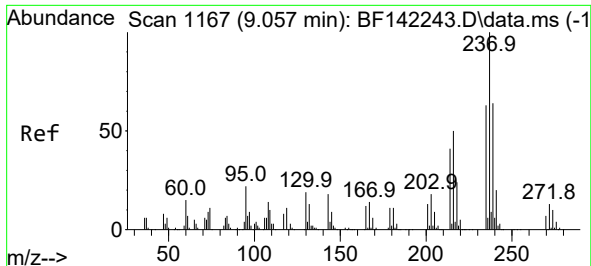
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.032 ng  
RT: 9.069 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

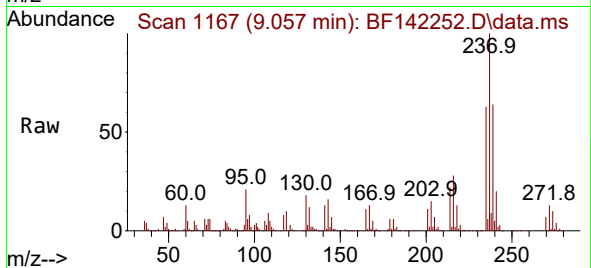
Tgt Ion:216 Resp: 523019  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.8 95.6  
179 21.0 16.7 25.1  
108 21.0 15.6 23.4





#41  
Hexachlorocyclopentadiene  
Concen: 88.906 ng  
RT: 9.057 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

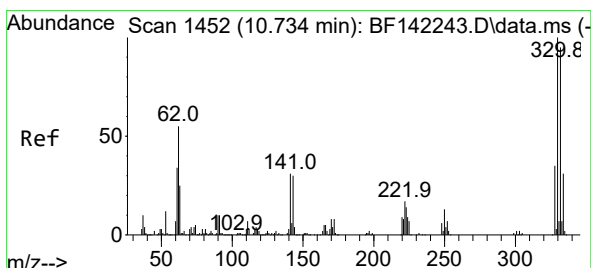
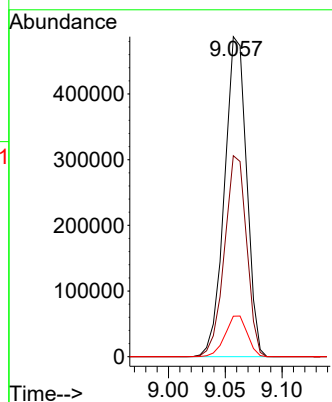
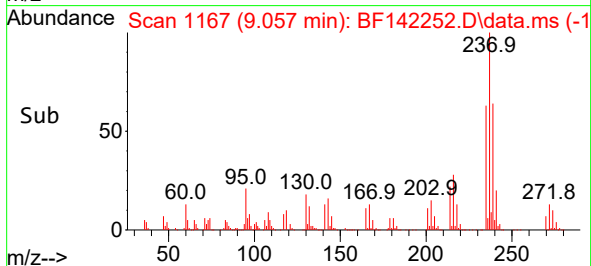
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



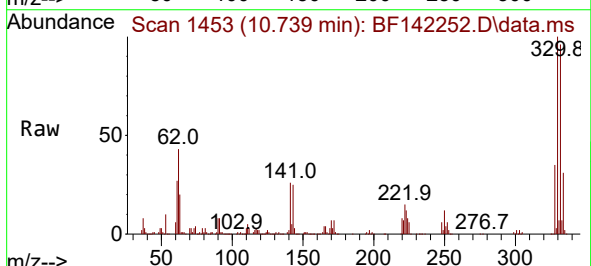
Tgt Ion:237 Resp: 65924  
Ion Ratio Lower Upper  
237 100  
235 62.8 43.5 83.5  
272 12.6 0.0 32.9

Manual Integrations  
APPROVED

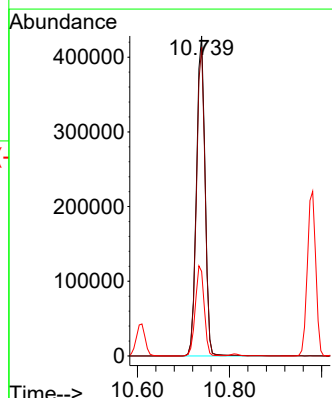
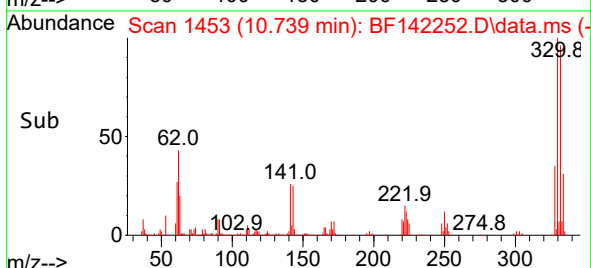
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

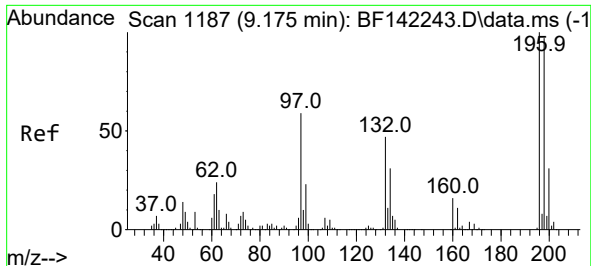


#42  
2,4,6-Tribromophenol  
Concen: 130.679 ng  
RT: 10.739 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:330 Resp: 553053  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.5 114.7  
141 29.1 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 43.843 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142252.D

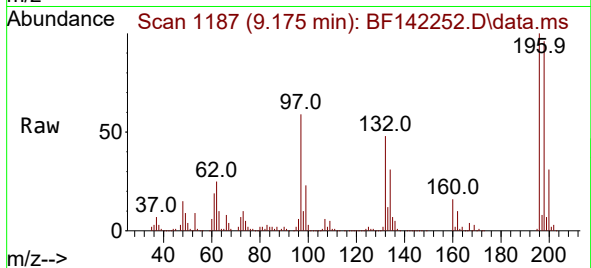
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS



Tgt Ion:196 Resp: 35494

Ion Ratio Lower Upper

196 100

198 95.6 77.4 116.2

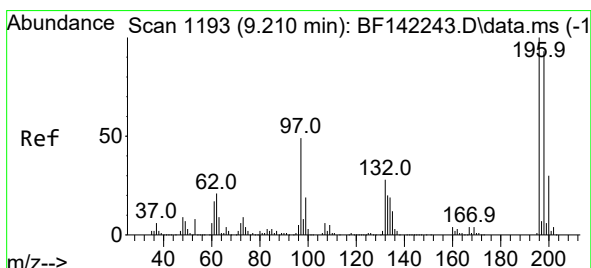
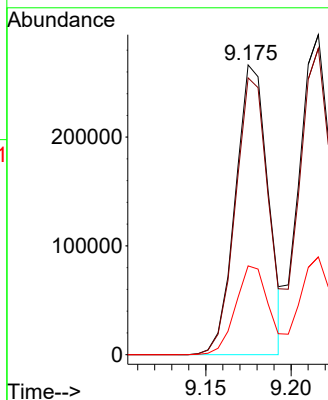
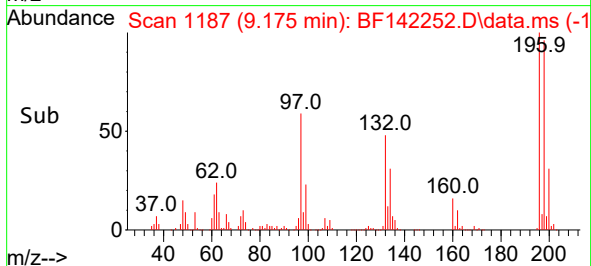
200 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#44

2,4,5-Trichlorophenol

Concen: 45.404 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

Tgt Ion:196 Resp: 386474

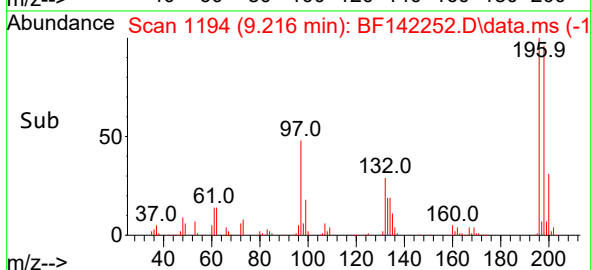
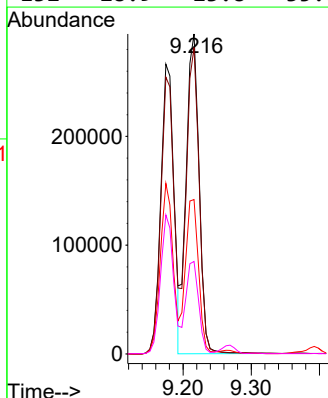
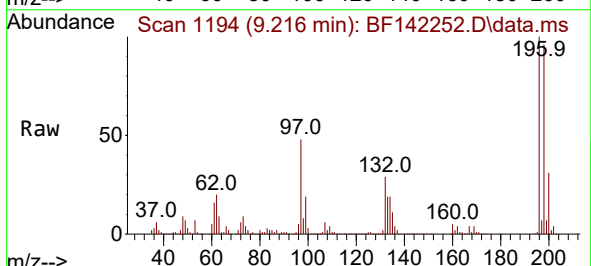
Ion Ratio Lower Upper

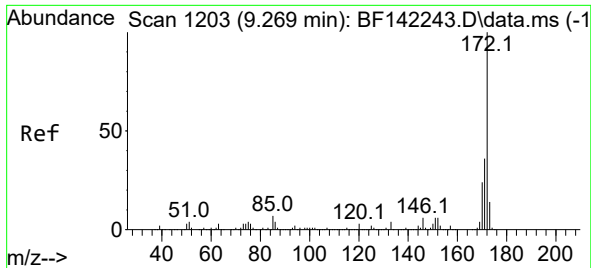
196 100

198 95.7 75.2 112.8

97 48.2 39.8 59.8

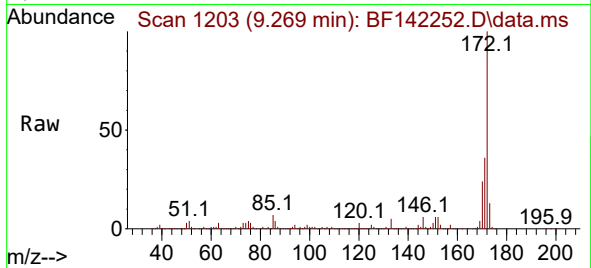
132 28.9 23.8 35.8





#45  
2-Fluorobiphenyl  
Concen: 69.221 ng  
RT: 9.269 min Scan# 1203  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

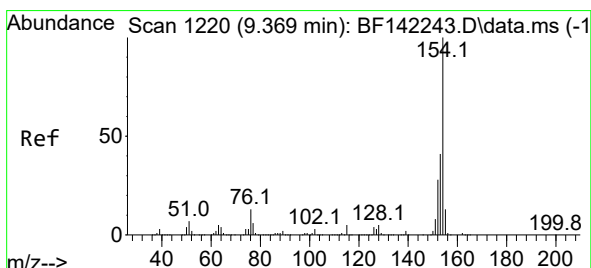
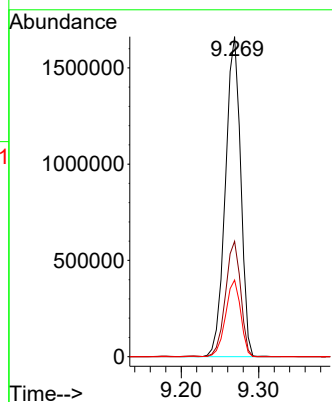
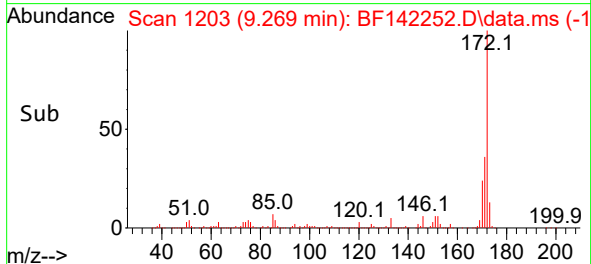
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



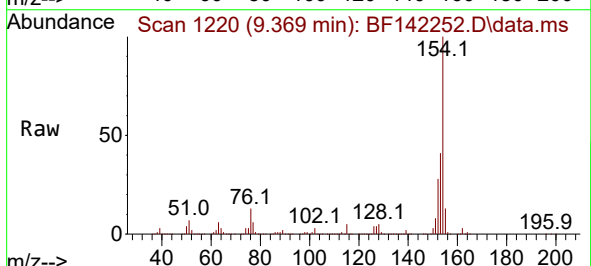
Tgt Ion:172 Resp: 227911  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.0 43.4  
170 24.0 19.4 29.0

Manual Integrations  
APPROVED

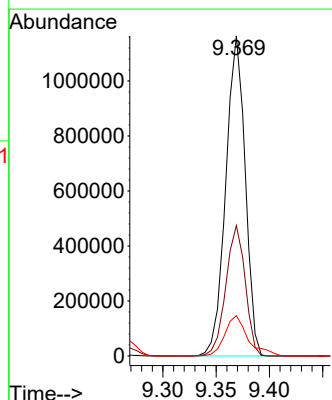
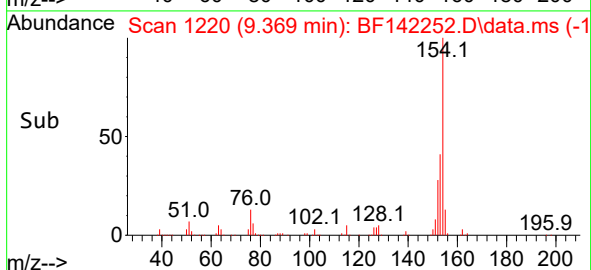
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

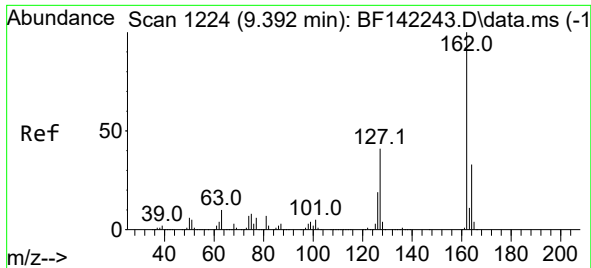


#46  
1,1'-Biphenyl  
Concen: 40.881 ng  
RT: 9.369 min Scan# 1220  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:154 Resp: 1475397  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.5 60.5  
76 12.6 0.0 32.8





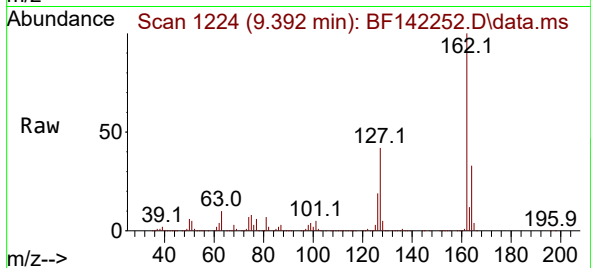
#47  
2-Chloronaphthalene  
Concen: 40.695 ng  
RT: 9.392 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS



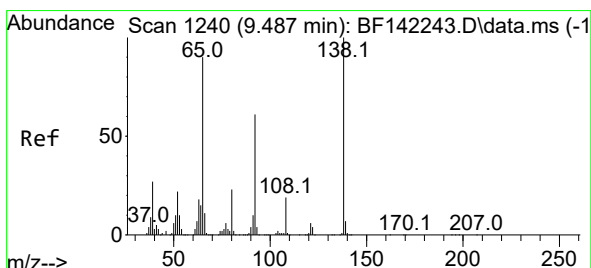
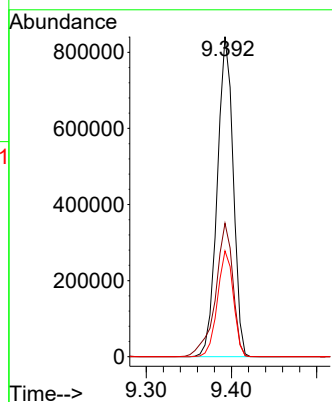
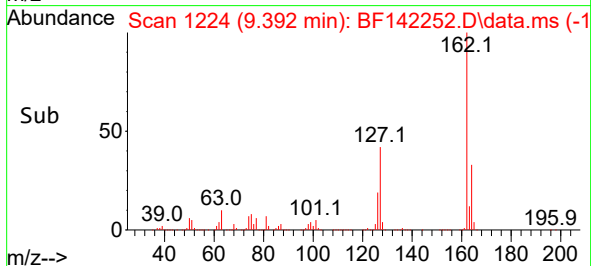
Tgt Ion:162 Resp: 1092692  
Ion Ratio Lower Upper  
162 100  
127 41.7 32.6 49.0  
164 33.1 26.1 39.1

Manual Integrations

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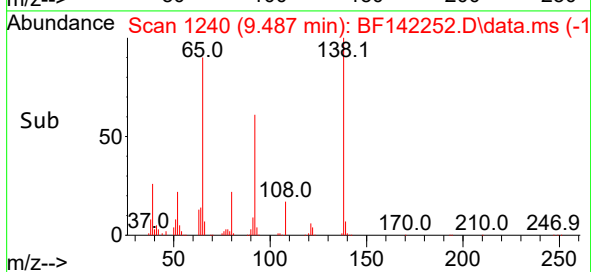
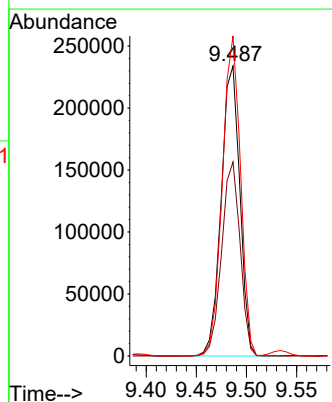
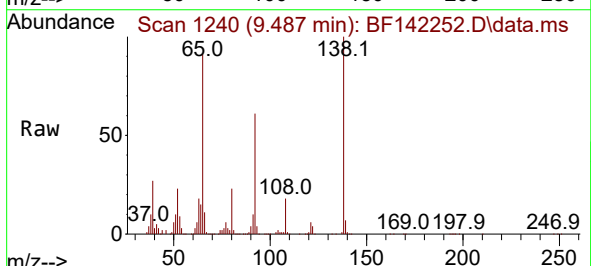
Reviewed By :Rahul Chavli 05/02/2025

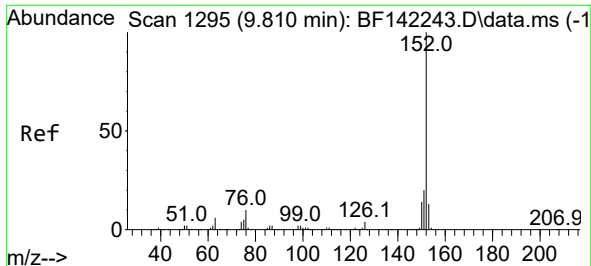
Supervised By :Jagrut Upadhyay 05/02/2025



#48  
2-Nitroaniline  
Concen: 43.124 ng  
RT: 9.487 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

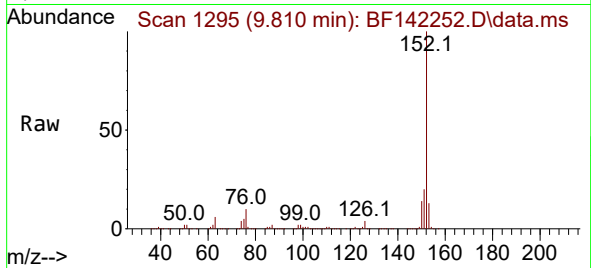
Tgt Ion: 65 Resp: 301543  
Ion Ratio Lower Upper  
65 100  
92 66.9 54.3 81.5  
138 110.4 88.6 133.0





#49  
Acenaphthylene  
Concen: 41.234 ng  
RT: 9.810 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

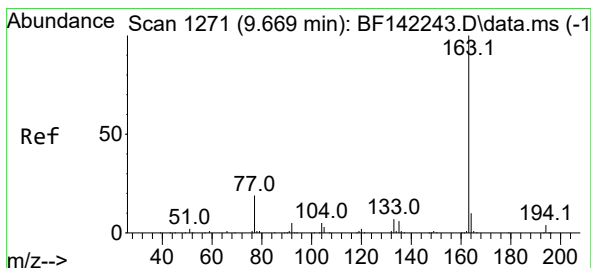
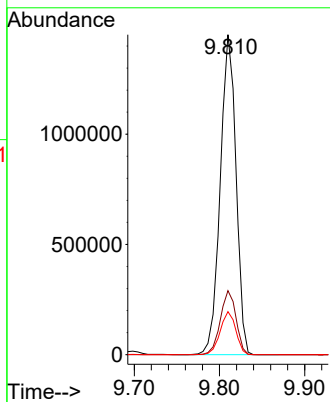
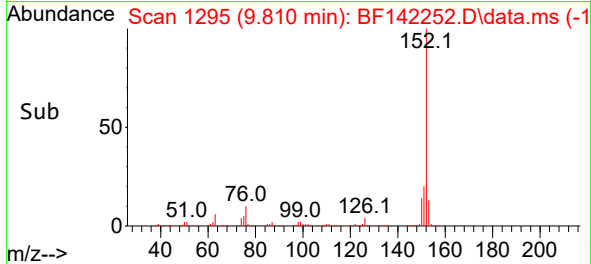
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:152 Resp: 186831  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2  
153 13.4 10.7 16.1

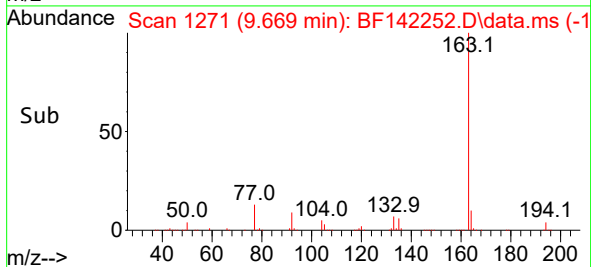
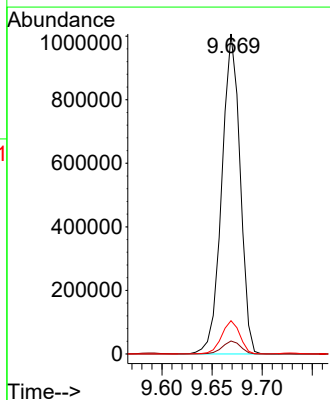
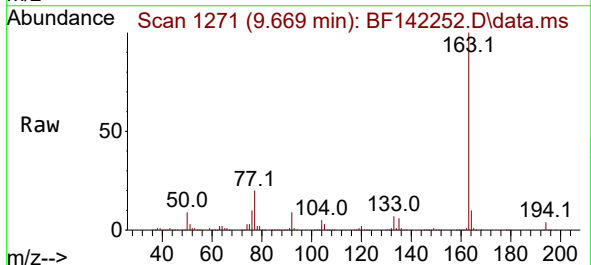
Manual Integrations  
APPROVED

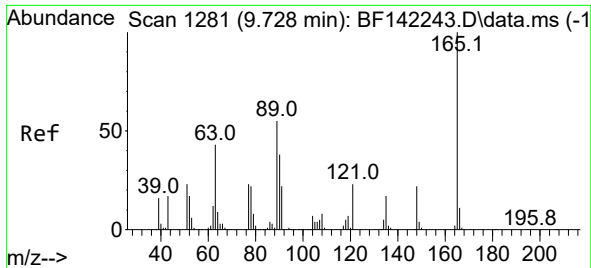
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#50  
Dimethylphthalate  
Concen: 43.038 ng  
RT: 9.669 min Scan# 1271  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

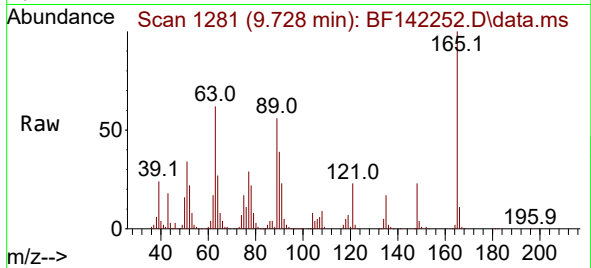
Tgt Ion:163 Resp: 1278203  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.4 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 43.832 ng  
RT: 9.728 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

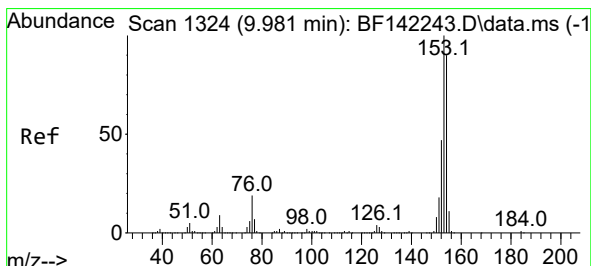
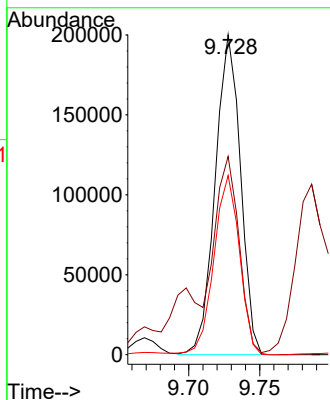
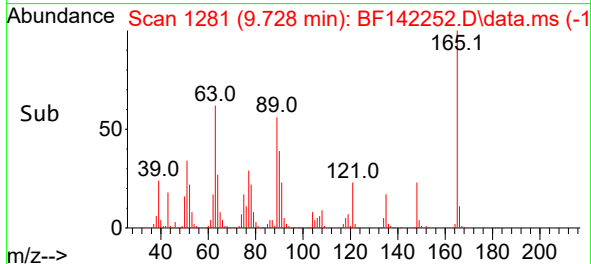
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



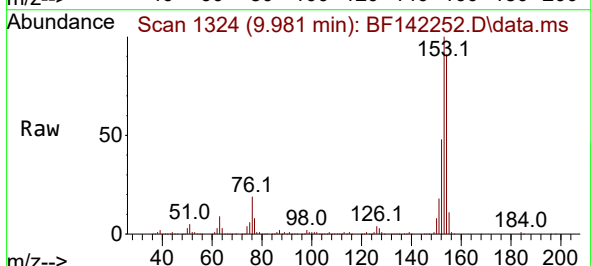
Tgt Ion:165 Resp: 247512  
Ion Ratio Lower Upper  
165 100  
63 61.9 48.5 72.7  
89 56.0 43.9 65.9

Manual Integrations  
APPROVED

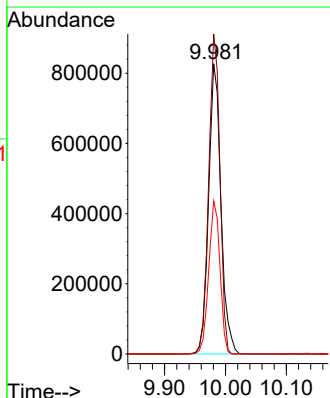
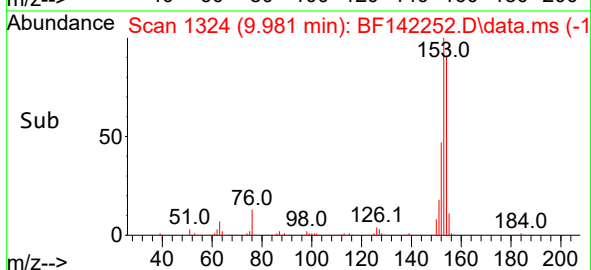
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

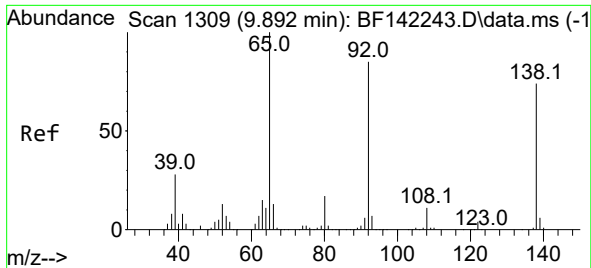


#52  
Acenaphthene  
Concen: 43.895 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:154 Resp: 1161277  
Ion Ratio Lower Upper  
154 100  
153 110.3 88.6 133.0  
152 52.7 42.1 63.1





#53  
3-Nitroaniline  
Concen: 19.467 ng  
RT: 9.892 min Scan# 1309  
Delta R.T. 0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

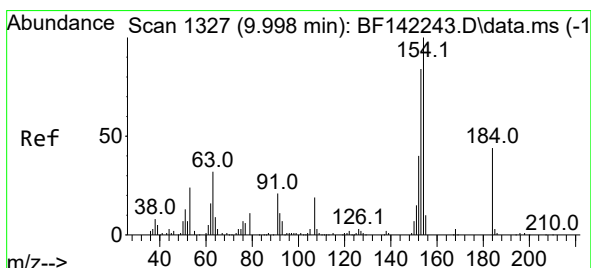
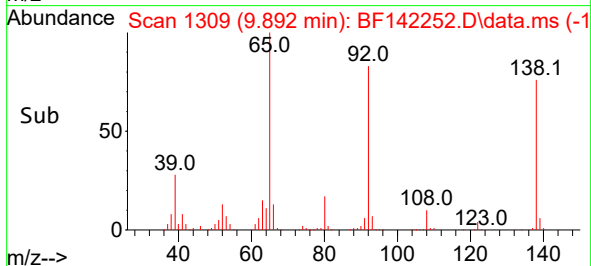
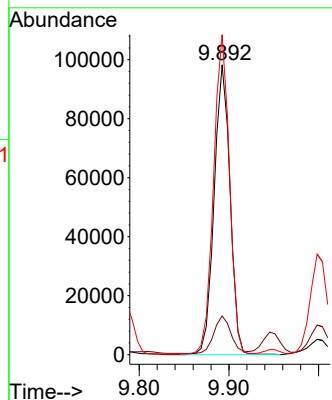
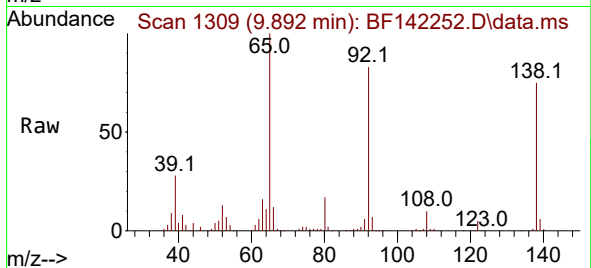
PB167798BS

Tgt Ion:138 Resp: 120832  
Ion Ratio Lower Upper  
138 100  
108 13.4 11.7 17.5  
92 110.4 91.2 136.8

Manual Integrations

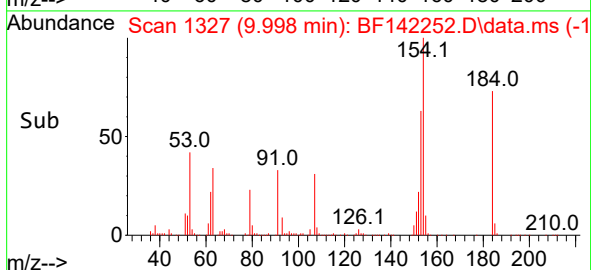
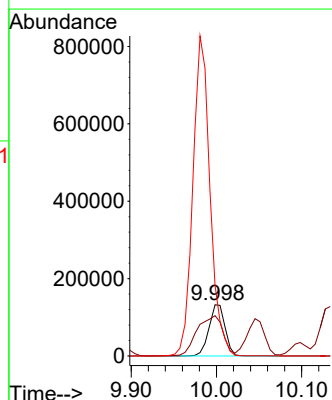
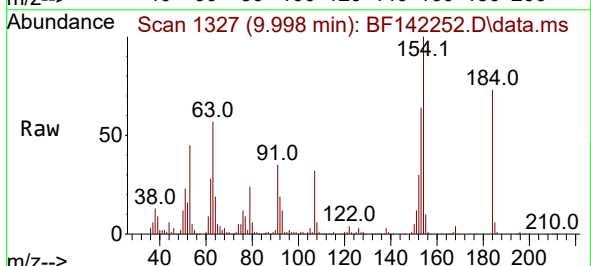
APPROVED

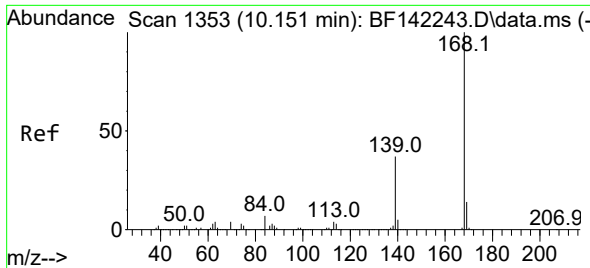
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#54  
2,4-Dinitrophenol  
Concen: 84.535 ng  
RT: 9.998 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

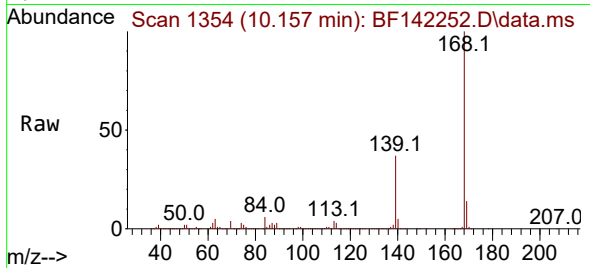
Tgt Ion:184 Resp: 173600  
Ion Ratio Lower Upper  
184 100  
63 78.8 69.2 103.8  
154 137.3 271.4 407.2#





#55  
Dibenzenofuran  
Concen: 40.827 ng  
RT: 10.157 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

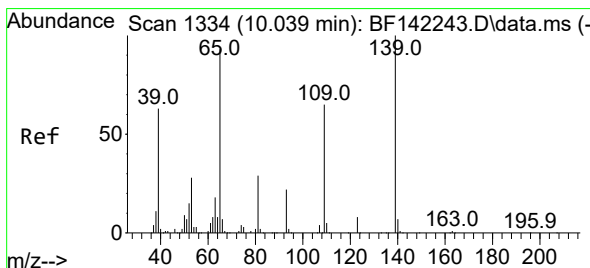
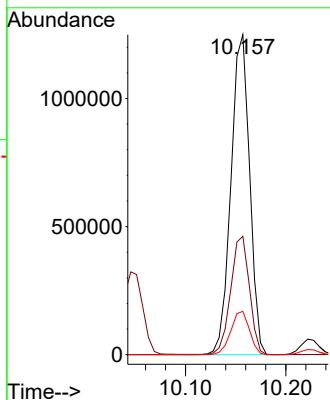
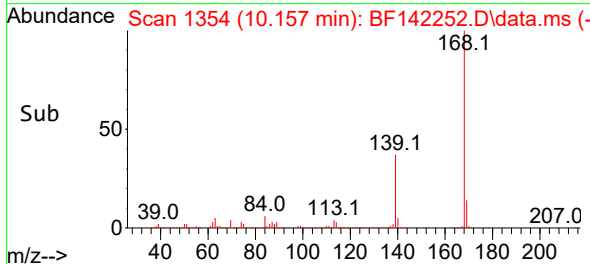
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:168 Resp: 161914  
Ion Ratio Lower Upper  
168 100  
139 37.0 29.4 44.0  
169 13.6 11.0 16.4

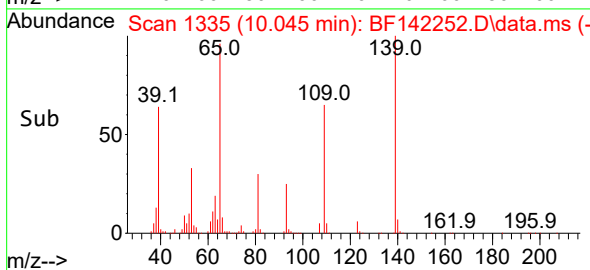
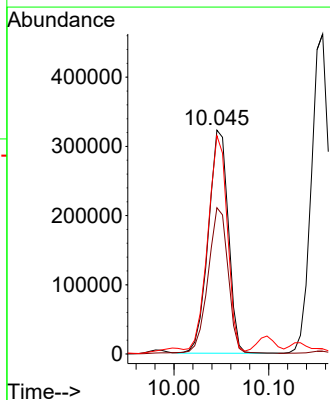
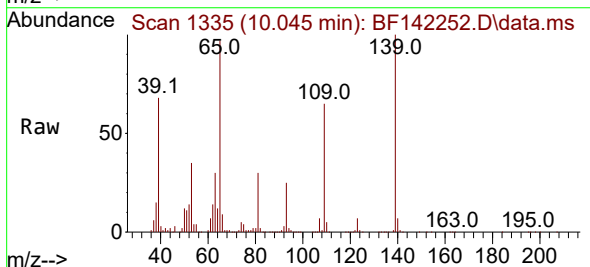
Manual Integrations  
APPROVED

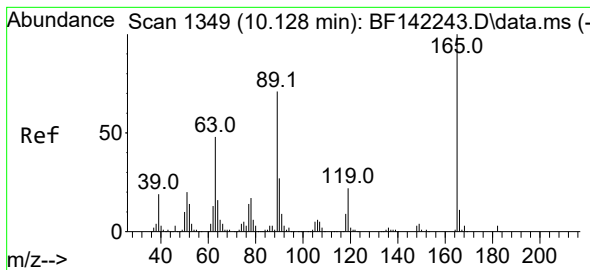
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#56  
4-Nitrophenol  
Concen: 101.045 ng  
RT: 10.045 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

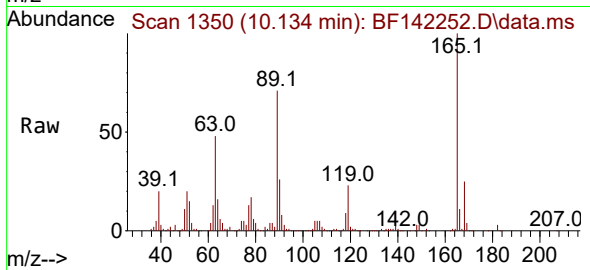
Tgt Ion:139 Resp: 471700  
Ion Ratio Lower Upper  
139 100  
109 65.3 44.9 84.9  
65 97.5 74.7 114.7





#57  
2,4-Dinitrotoluene  
Concen: 48.433 ng  
RT: 10.134 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

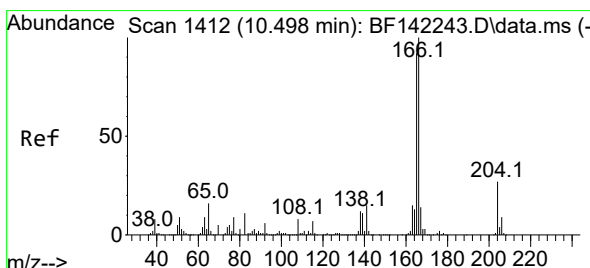
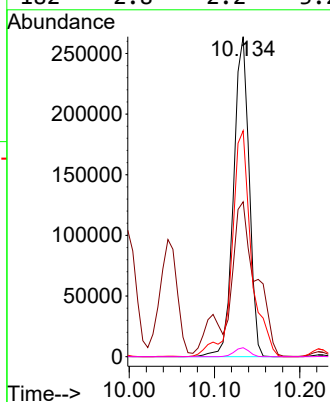
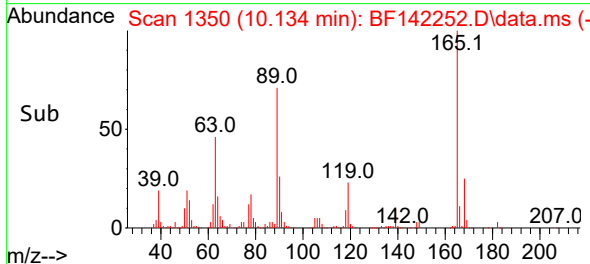
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:165 Resp: 334335  
Ion Ratio Lower Upper  
165 100  
63 48.4 38.8 58.2  
89 70.6 57.1 85.7  
182 2.8 2.2 3.2

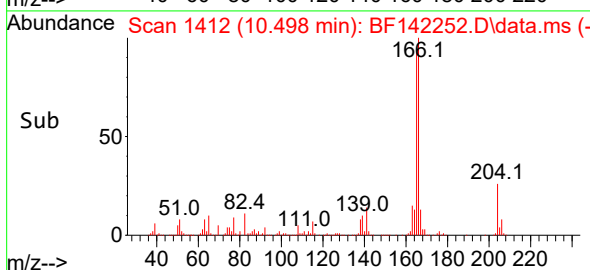
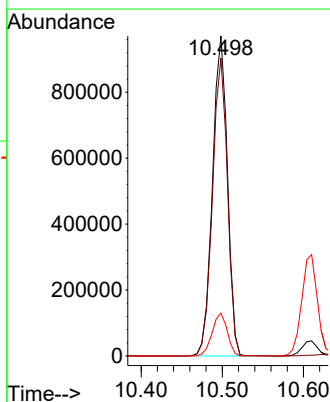
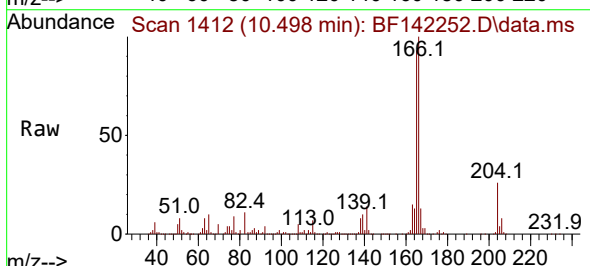
Manual Integrations  
APPROVED

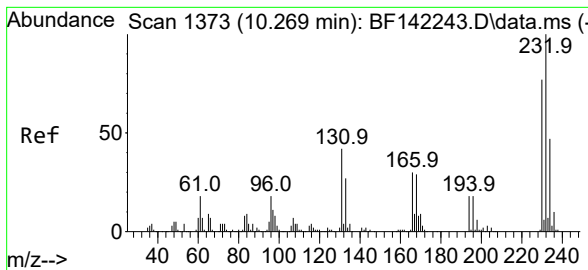
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#58  
Fluorene  
Concen: 41.143 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

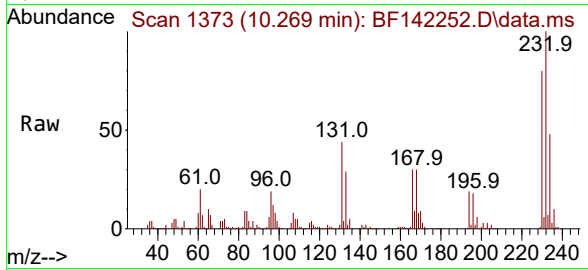
Tgt Ion:166 Resp: 1240639  
Ion Ratio Lower Upper  
166 100  
165 93.0 73.9 110.9  
167 13.4 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.934 ng  
RT: 10.269 min Scan# 1373  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

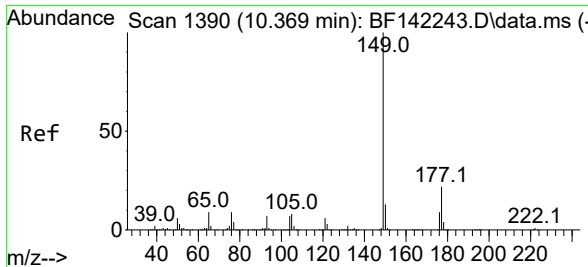
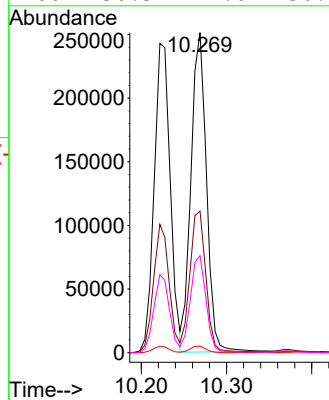
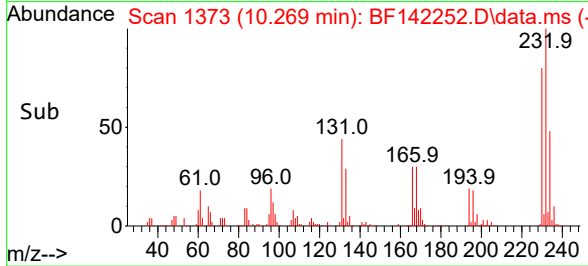
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:232 Resp: 31682  
Ion Ratio Lower Upper  
232 100  
131 45.9 35.9 53.9  
130 2.1 1.8 2.6  
166 30.3 24.0 36.0

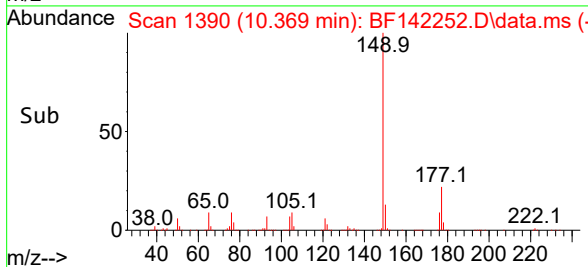
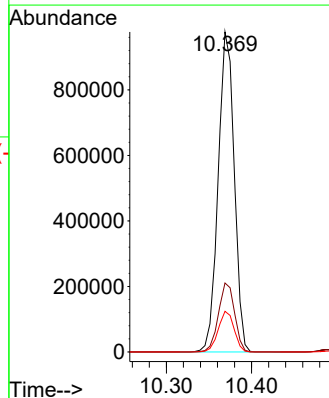
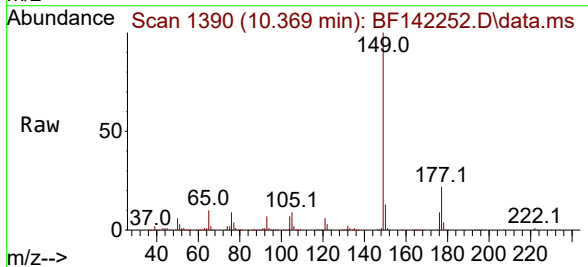
Manual Integrations  
APPROVED

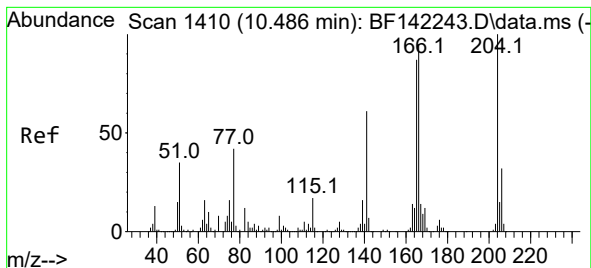
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#60  
Diethylphthalate  
Concen: 43.657 ng  
RT: 10.369 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

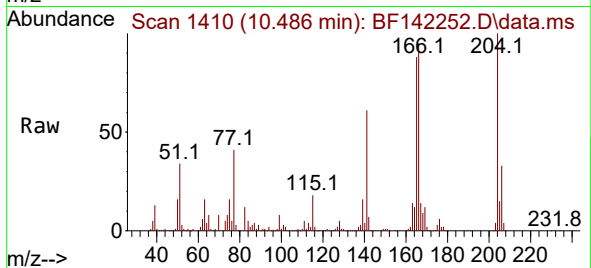
Tgt Ion:149 Resp: 1280368  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.6 26.4  
150 12.7 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 40.745 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

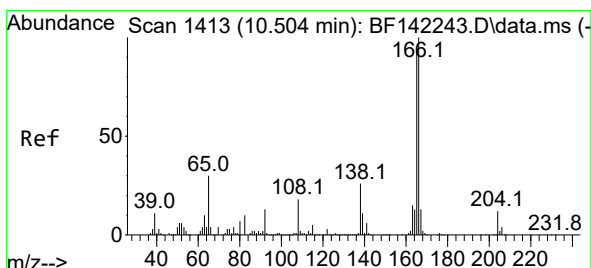
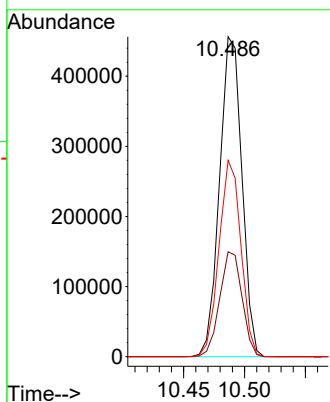
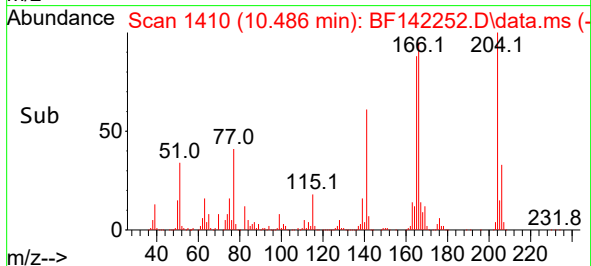
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



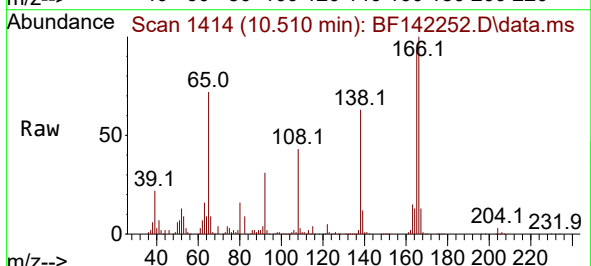
Tgt Ion:204 Resp: 58348  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.6 38.4  
141 61.4 48.9 73.3

Manual Integrations  
APPROVED

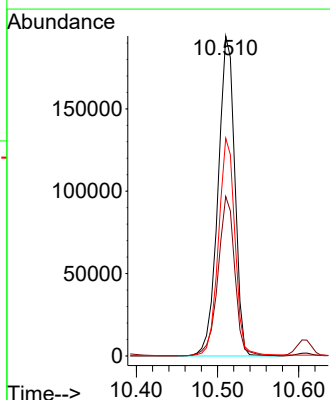
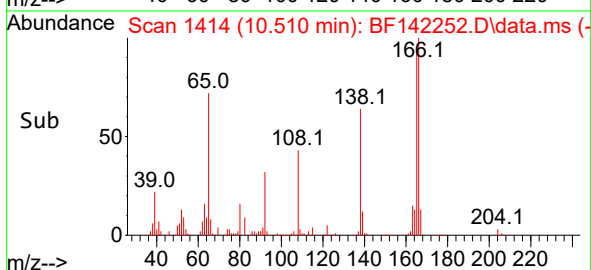
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

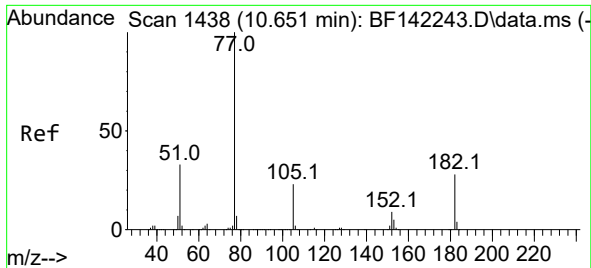


#62  
4-Nitroaniline  
Concen: 44.489 ng  
RT: 10.510 min Scan# 1414  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



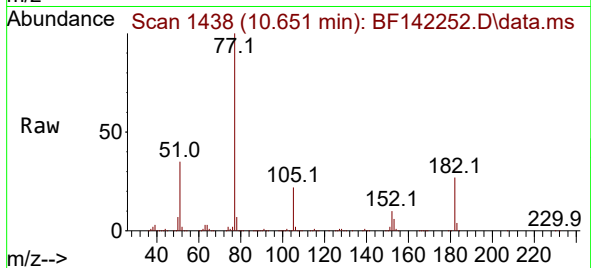
Tgt Ion:138 Resp: 278877  
Ion Ratio Lower Upper  
138 100  
92 49.8 29.2 69.2  
108 68.0 49.1 89.1





#63  
Azobenzene  
Concen: 42.308 ng  
RT: 10.651 min Scan# 1438  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

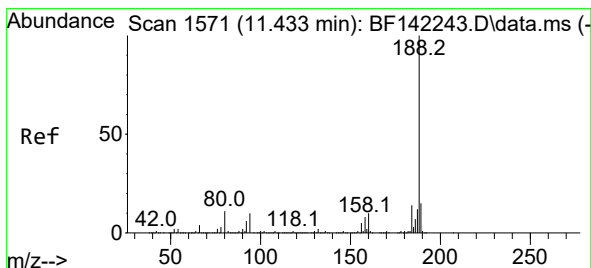
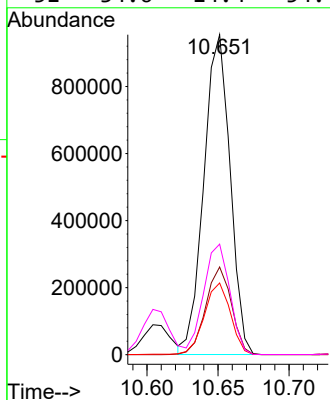
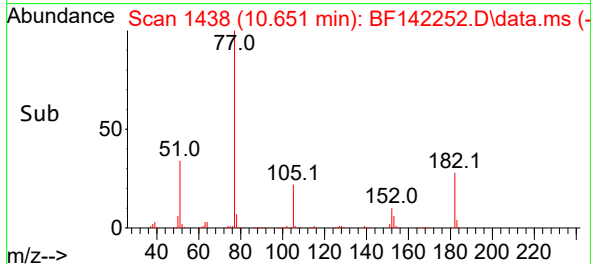
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



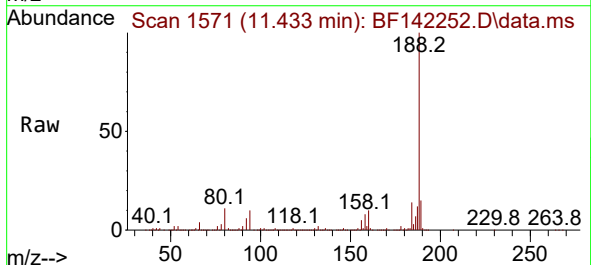
Tgt Ion: 77 Resp: 122528  
Ion Ratio Lower Upper  
77 100  
182 27.4 7.3 47.3  
105 22.4 2.5 42.5  
51 34.6 14.4 54.4

Manual Integrations  
APPROVED

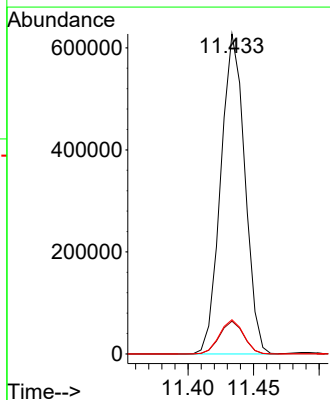
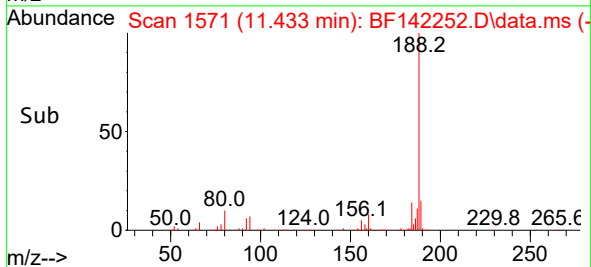
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

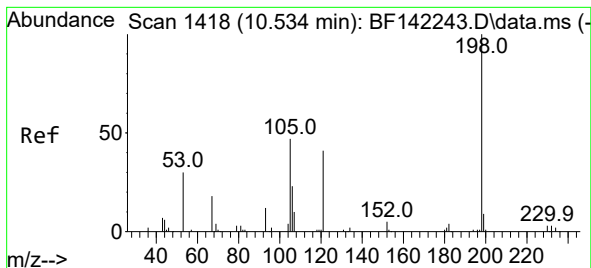


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



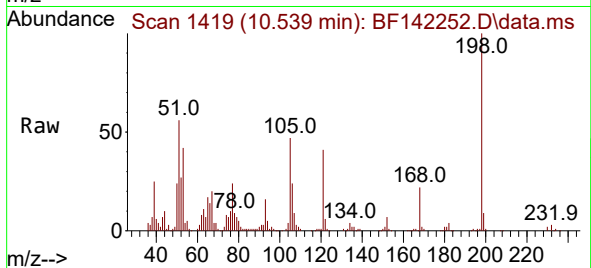
Tgt Ion:188 Resp: 800889  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.2 12.2  
80 10.7 8.6 12.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.424 ng  
RT: 10.539 min Scan# 1418  
Delta R.T. 0.005 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

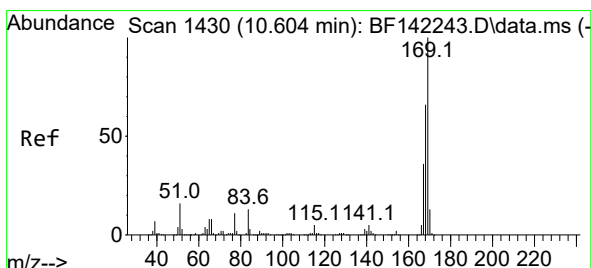
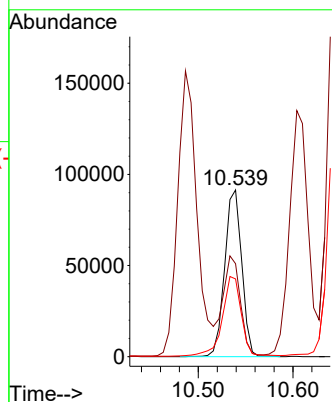
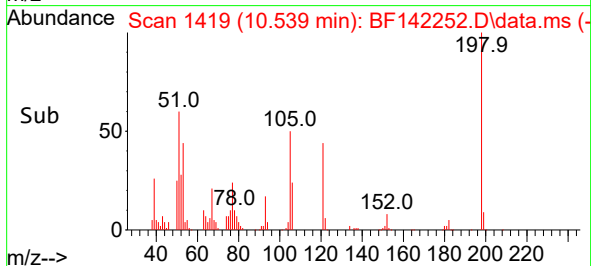
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



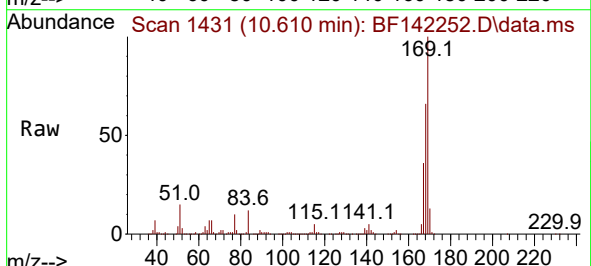
Tgt Ion:198 Resp: 114521  
Ion Ratio Lower Upper  
198 100  
51 55.8 40.6 80.6  
105 46.7 29.2 69.2

Manual Integrations  
APPROVED

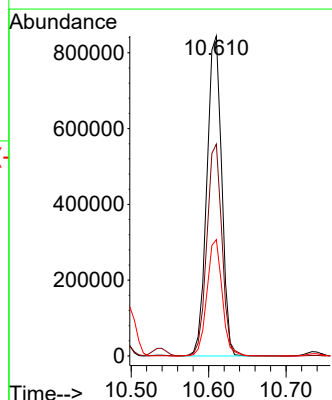
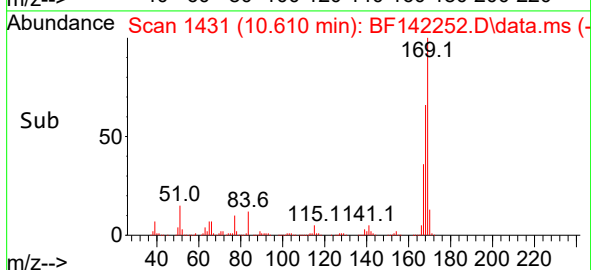
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

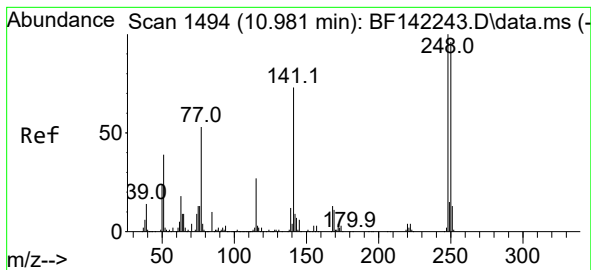


#66  
n-Nitrosodiphenylamine  
Concen: 40.934 ng  
RT: 10.610 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:169 Resp: 1120137  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.0 79.6  
167 36.4 28.8 43.2





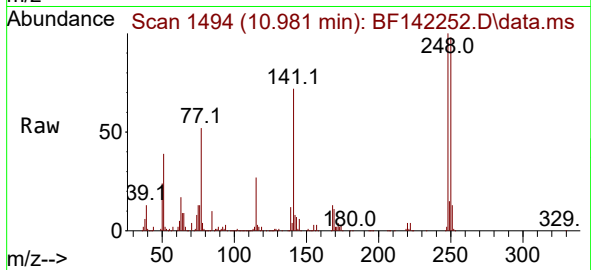
#67  
4-Bromophenyl-phenylether  
Concen: 41.981 ng  
RT: 10.981 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS



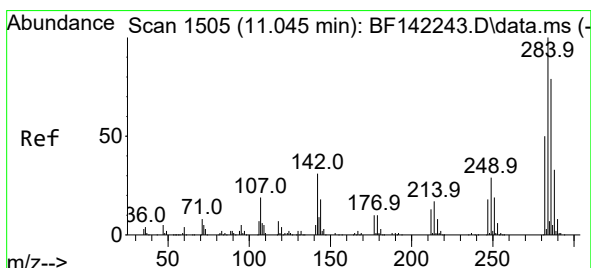
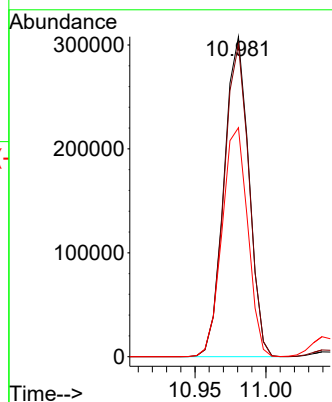
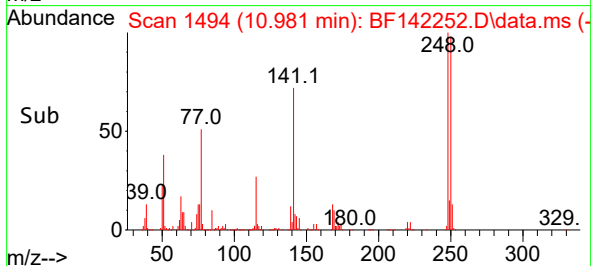
Tgt Ion:248 Resp: 37444  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.2 115.8  
141 71.6 58.4 87.6

Manual Integrations

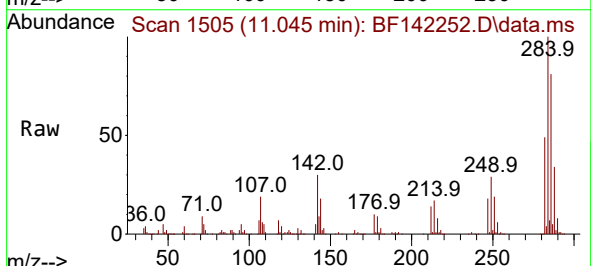
APPROVED

Reviewed By :Rahul Chavli 05/02/2025

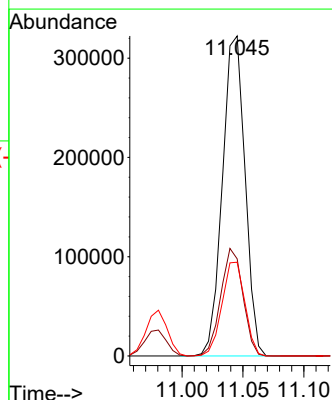
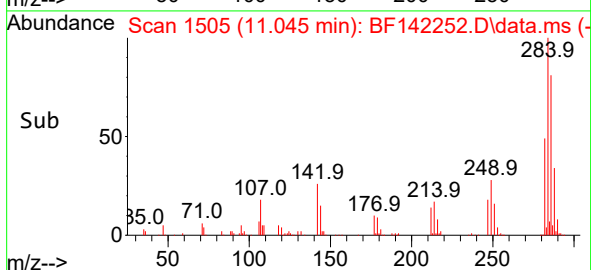
Supervised By :Jagrut Upadhyay 05/02/2025

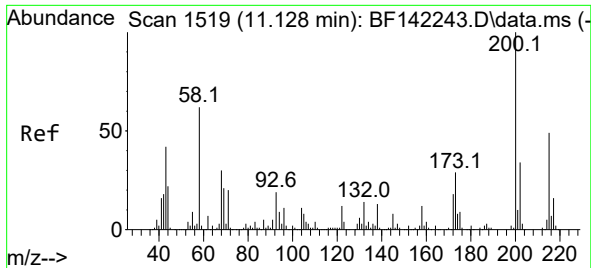


#68  
Hexachlorobenzene  
Concen: 41.744 ng  
RT: 11.045 min Scan# 1505  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



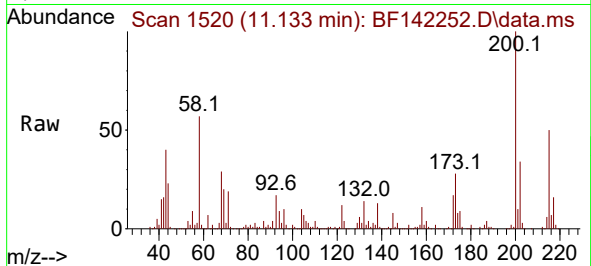
Tgt Ion:284 Resp: 416999  
Ion Ratio Lower Upper  
284 100  
142 30.3 24.6 37.0  
249 29.3 23.2 34.8





#69  
Atrazine  
Concen: 45.449 ng  
RT: 11.133 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

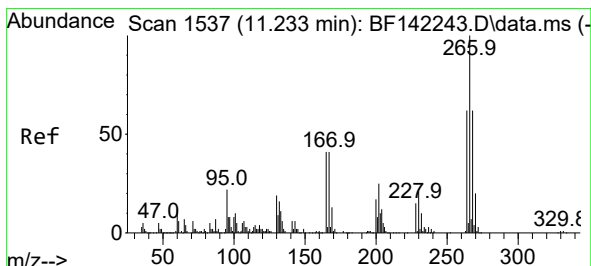
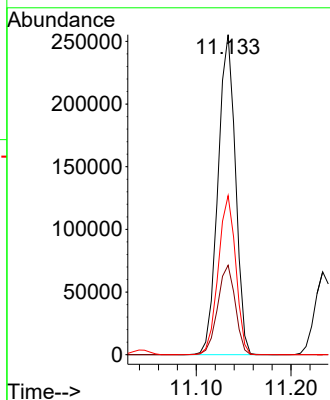
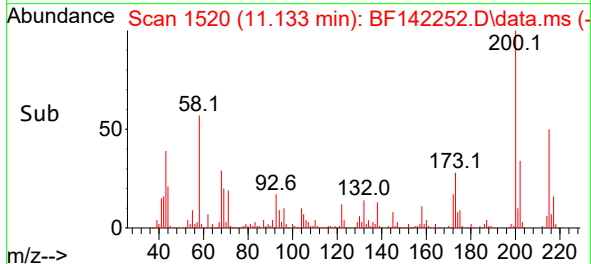
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



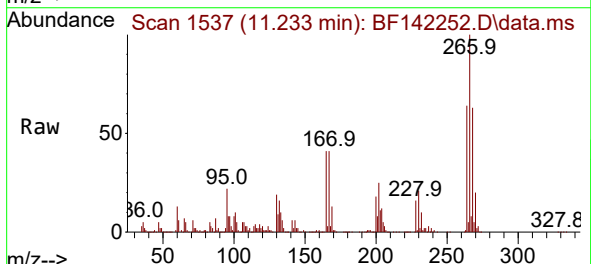
Tgt Ion:200 Resp: 32782  
Ion Ratio Lower Upper  
200 100  
173 28.0 8.6 48.6  
215 49.7 28.5 68.5

Manual Integrations  
APPROVED

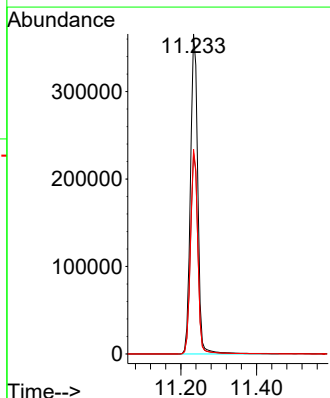
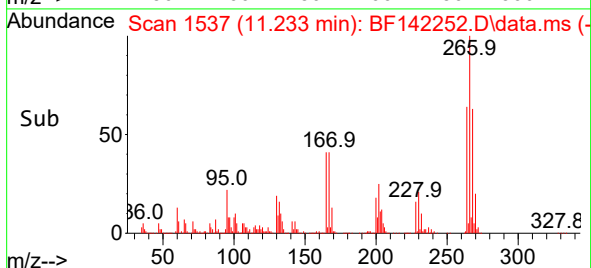
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

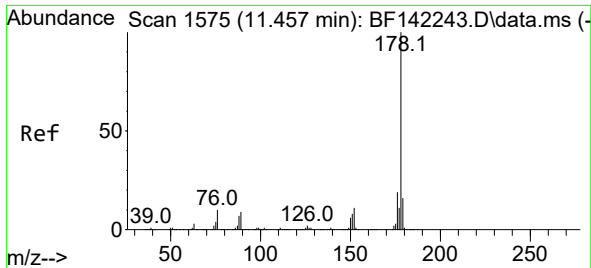


#70  
Pentachlorophenol  
Concen: 93.152 ng  
RT: 11.233 min Scan# 1537  
Delta R.T. 0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:266 Resp: 491588  
Ion Ratio Lower Upper  
266 100  
268 62.7 50.0 75.0  
264 64.0 49.3 73.9





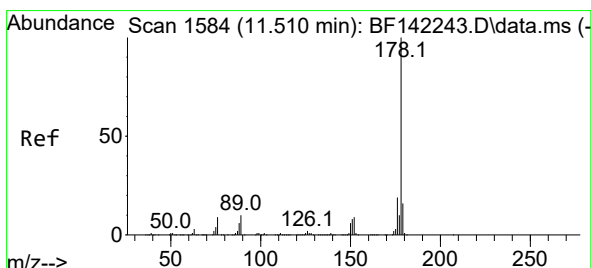
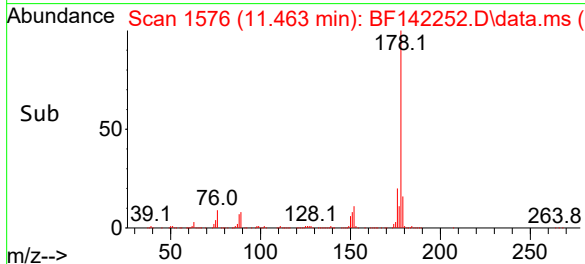
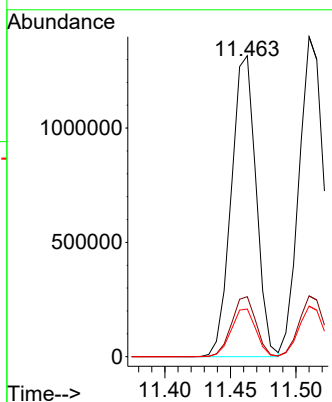
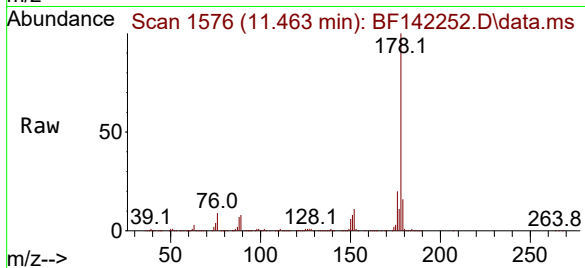
#71  
Phenanthrene  
Concen: 39.983 ng  
RT: 11.463 min Scan# 1575  
Delta R.T. 0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS

Tgt Ion:178 Resp: 172968  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.5 23.3  
179 15.8 12.6 19.0

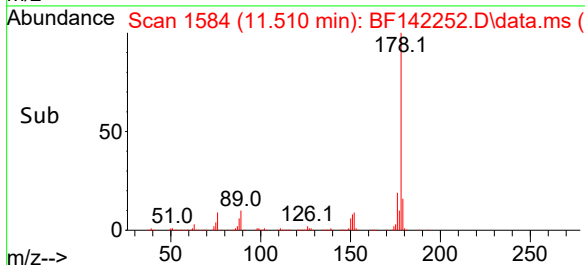
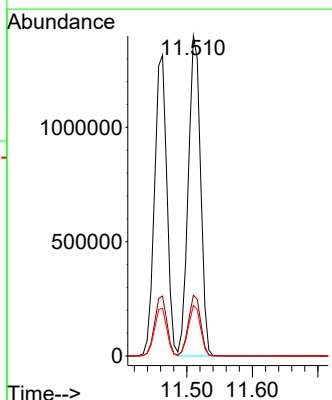
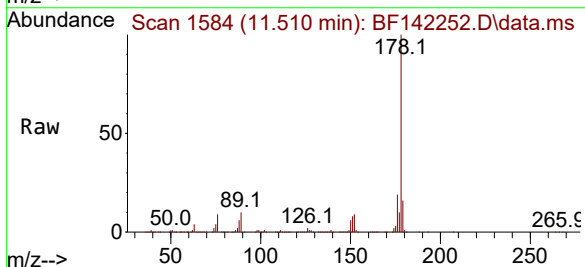
Manual Integrations  
APPROVED

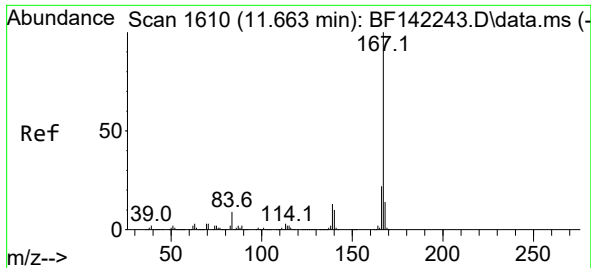
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#72  
Anthracene  
Concen: 40.920 ng  
RT: 11.510 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

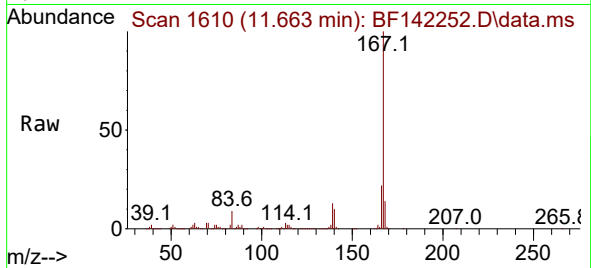
Tgt Ion:178 Resp: 1809920  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.8 12.7 19.1





#73  
 Carbazole  
 Concen: 41.482 ng  
 RT: 11.663 min Scan# 1610  
 Delta R.T. -0.000 min  
 Lab File: BF142252.D  
 Acq: 01 May 2025 11:13

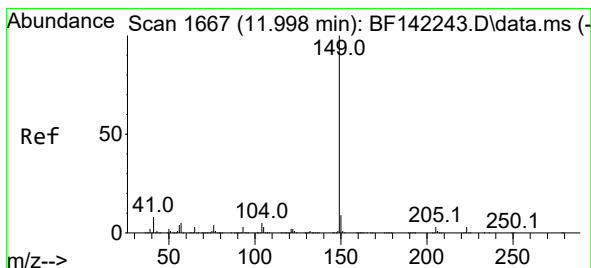
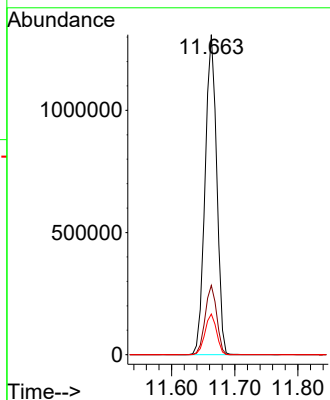
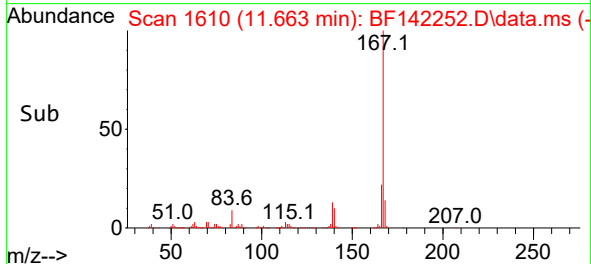
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167798BS



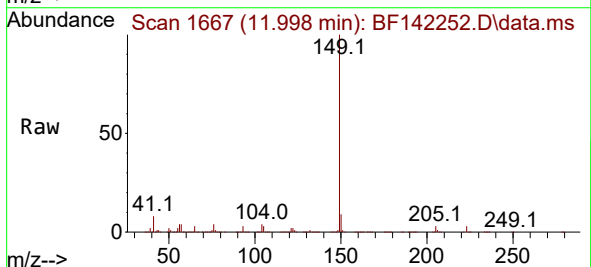
Tgt Ion:167 Resp: 1673738  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.3 25.9  
 139 12.7 10.3 15.5

Manual Integrations  
 APPROVED

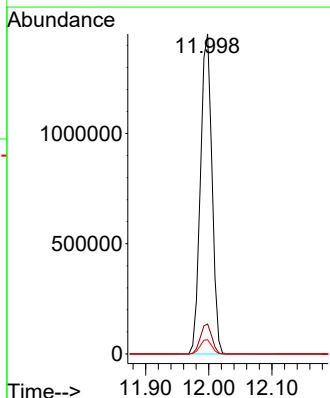
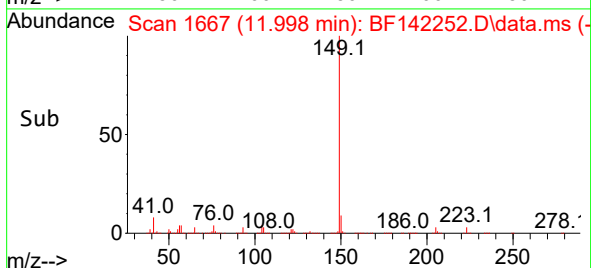
Reviewed By :Rahul Chavli 05/02/2025  
 Supervised By :Jagrut Upadhyay 05/02/2025

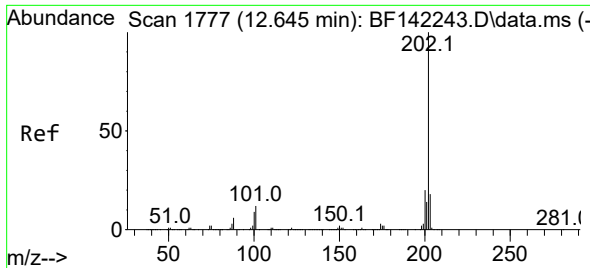


#74  
 Di-n-butylphthalate  
 Concen: 45.166 ng  
 RT: 11.998 min Scan# 1667  
 Delta R.T. -0.000 min  
 Lab File: BF142252.D  
 Acq: 01 May 2025 11:13



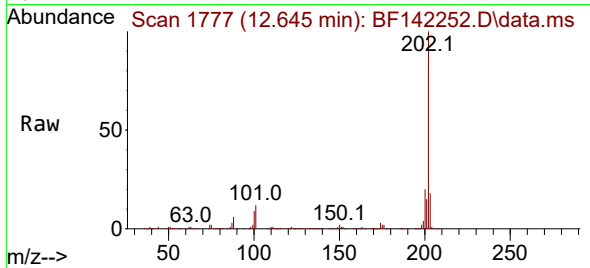
Tgt Ion:149 Resp: 1832830  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 4.5 3.6 5.4





#75  
Fluoranthene  
Concen: 41.876 ng  
RT: 12.645 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

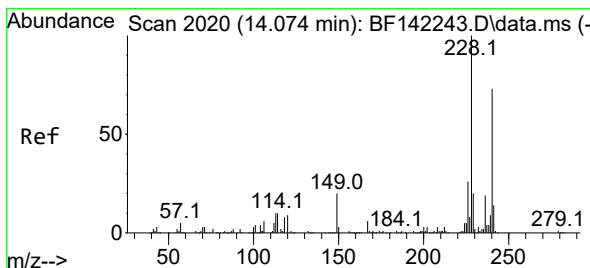
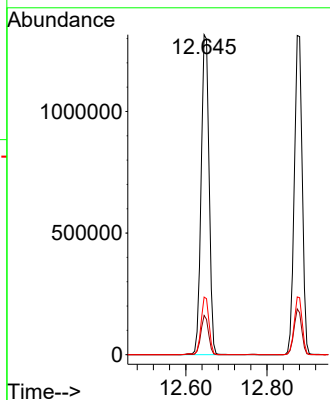
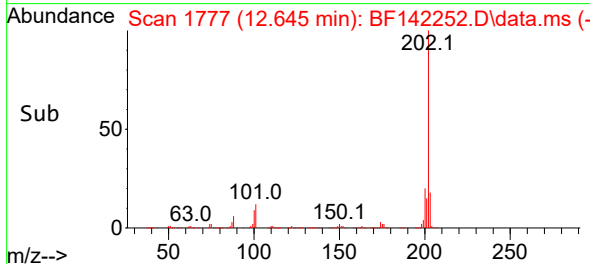
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:202 Resp: 179081  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 32.4  
203 18.0 0.0 37.5

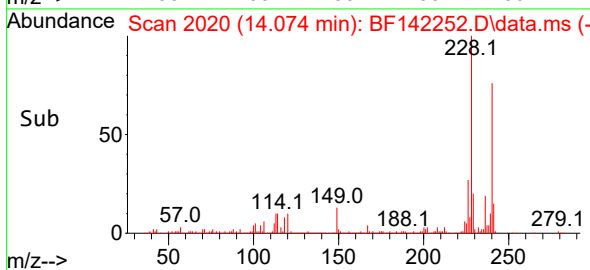
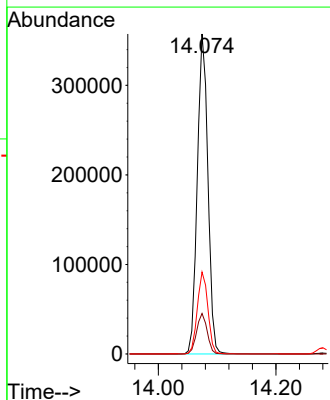
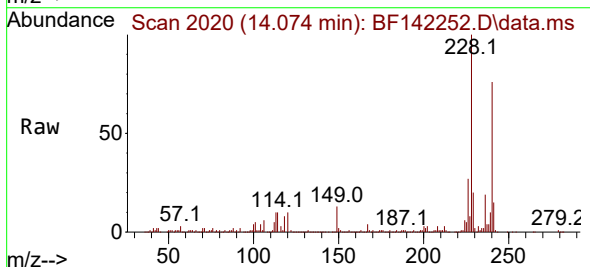
Manual Integrations  
APPROVED

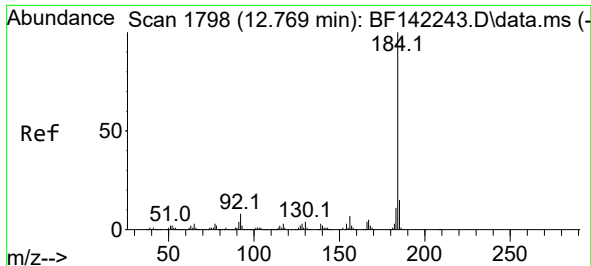
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2020  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

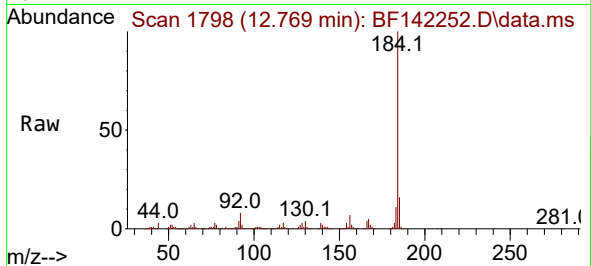
Tgt Ion:240 Resp: 447227  
Ion Ratio Lower Upper  
240 100  
120 12.6 10.1 15.1  
236 25.6 20.5 30.7





#77  
Benzidine  
Concen: 22.492 ng  
RT: 12.769 min Scan# 1798  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

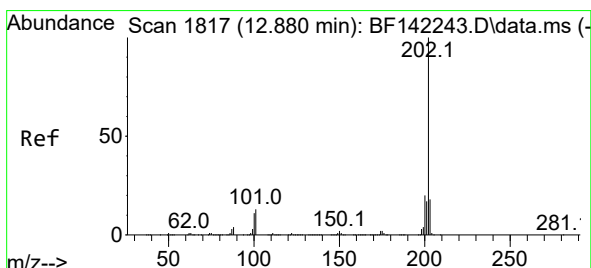
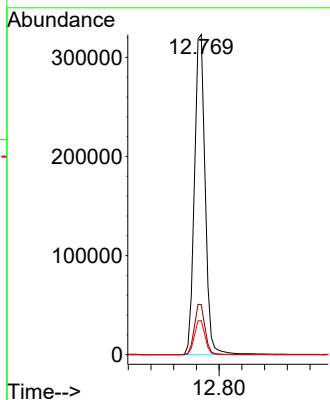
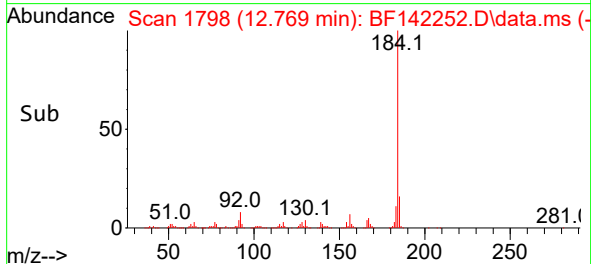
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



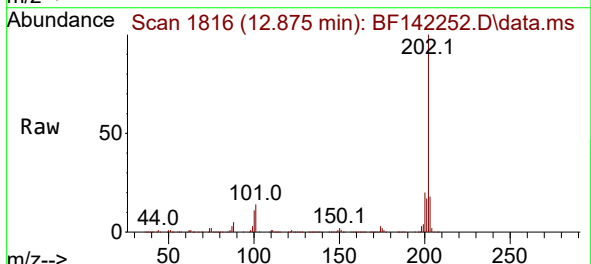
Tgt Ion:184 Resp: 427420  
Ion Ratio Lower Upper  
184 100  
185 15.6 11.8 17.6  
183 10.7 8.9 13.3

Manual Integrations  
APPROVED

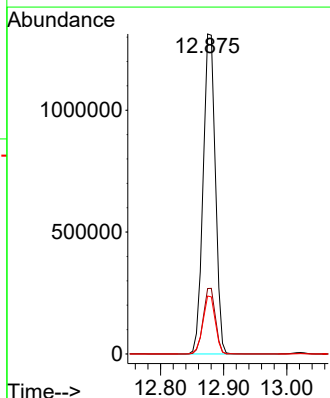
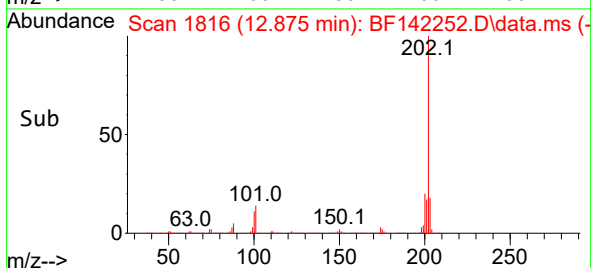
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025

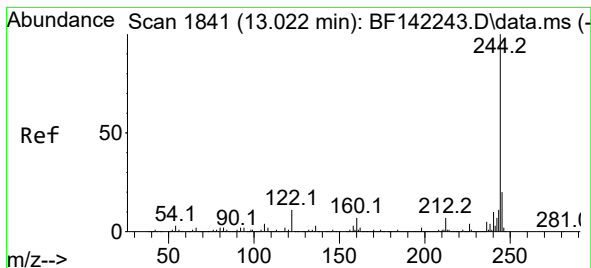


#78  
Pyrene  
Concen: 42.897 ng  
RT: 12.875 min Scan# 1816  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:202 Resp: 1769704  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.1 24.1  
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 73.507 ng

RT: 13.022 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142252.D

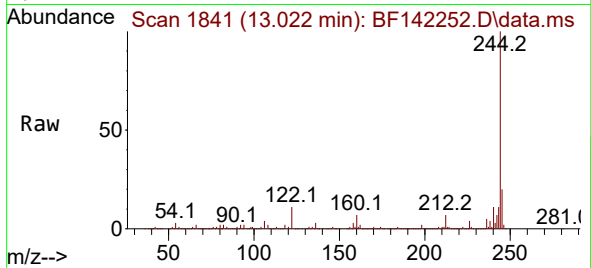
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS



Tgt Ion:244 Resp: 2260338

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

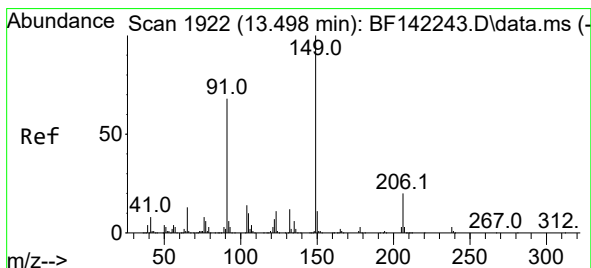
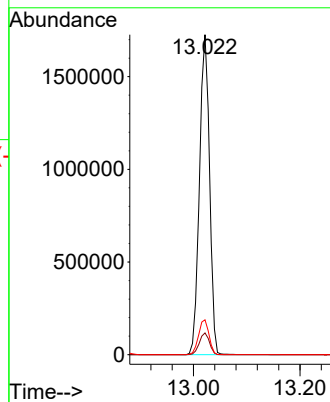
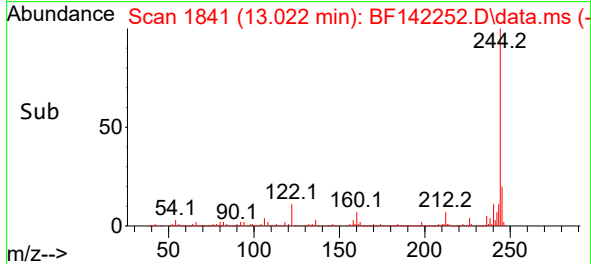
122 10.9 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#80

Butylbenzylphthalate

Concen: 45.305 ng

RT: 13.498 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

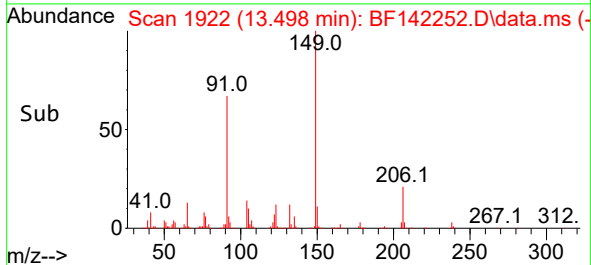
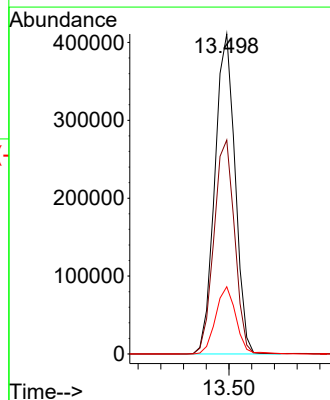
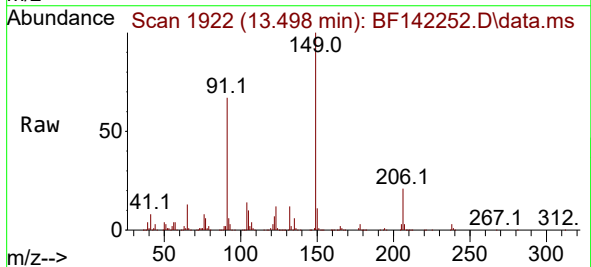
Tgt Ion:149 Resp: 508489

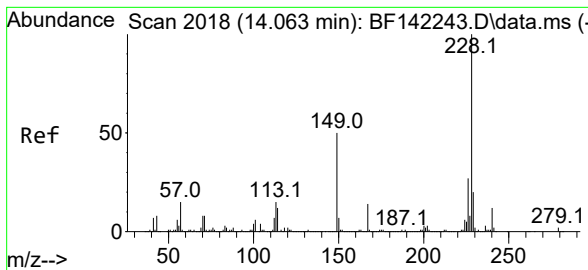
Ion Ratio Lower Upper

149 100

91 66.9 54.4 81.6

206 21.0 15.9 23.9





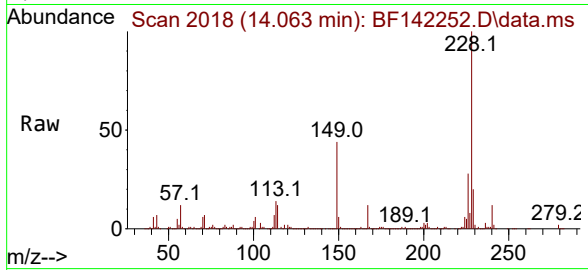
#81  
 Benzo(a)anthracene  
 Concen: 41.178 ng  
 RT: 14.063 min Scan# 2018  
 Delta R.T. -0.000 min  
 Lab File: BF142252.D  
 Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS



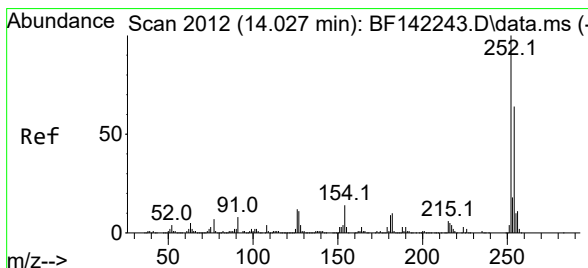
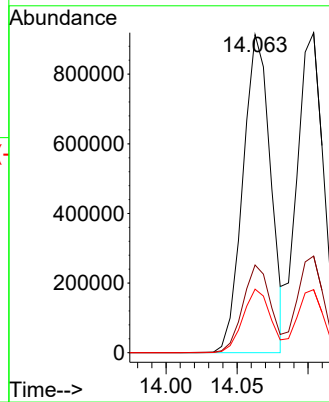
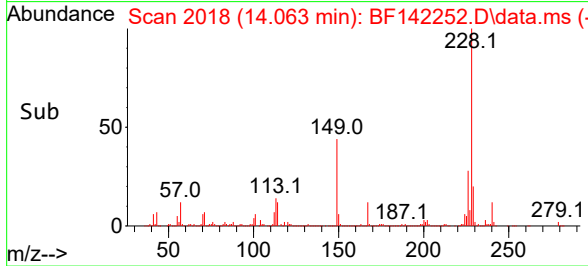
Tgt Ion:228 Resp: 123629  
 Ion Ratio Lower Upper  
 228 100  
 226 27.6 21.9 32.9  
 229 20.0 16.0 24.0

Manual Integrations

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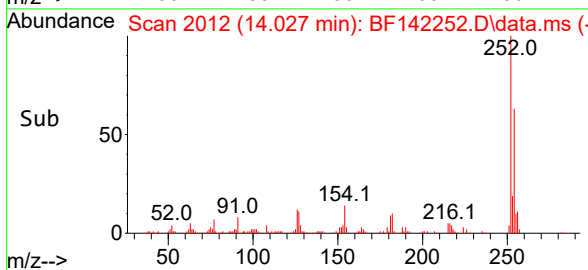
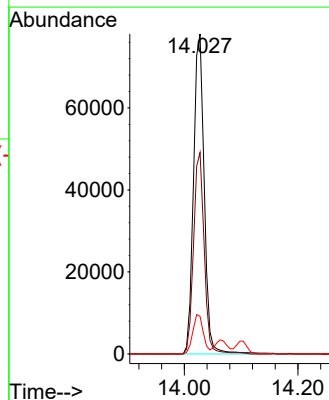
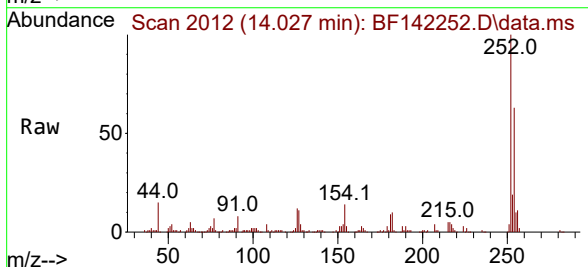
Reviewed By :Rahul Chavli 05/02/2025

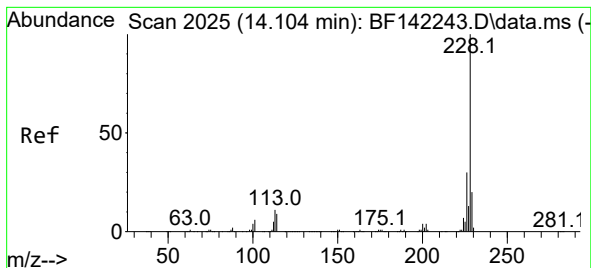
Supervised By :Jagrut Upadhyay 05/02/2025



#82  
 3,3'-Dichlorobenzidine  
 Concen: 11.657 ng  
 RT: 14.027 min Scan# 2012  
 Delta R.T. -0.000 min  
 Lab File: BF142252.D  
 Acq: 01 May 2025 11:13

Tgt Ion:252 Resp: 102802  
 Ion Ratio Lower Upper  
 252 100  
 254 63.0 51.0 76.6  
 126 11.7 9.4 14.2





#83

Chrysene

Concen: 43.597 ng

RT: 14.104 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF142252.D

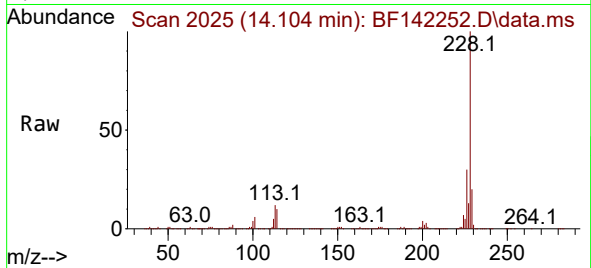
Acq: 01 May 2025 11:13

Instrument :

BNA\_F

ClientSampleId :

PB167798BS



Tgt Ion:228 Resp: 1191462

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

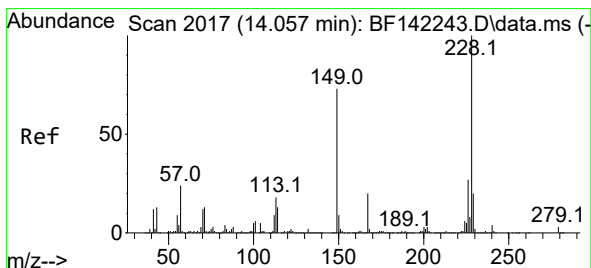
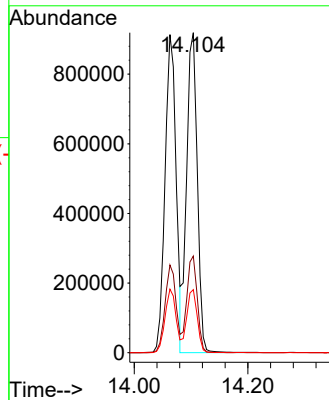
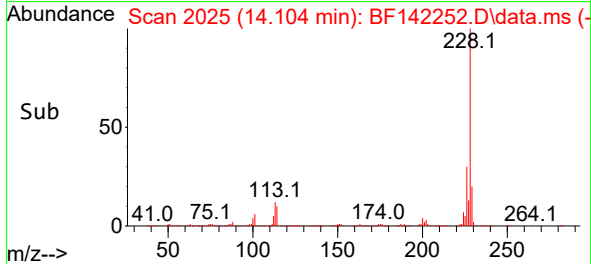
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/02/2025

Supervised By :Jagrut Upadhyay 05/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.842 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142252.D

Acq: 01 May 2025 11:13

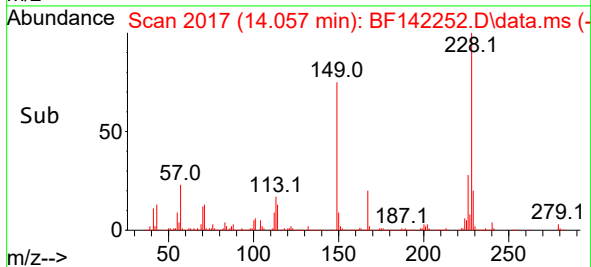
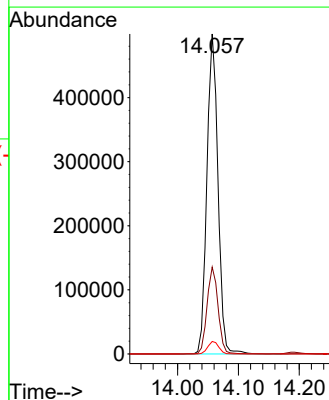
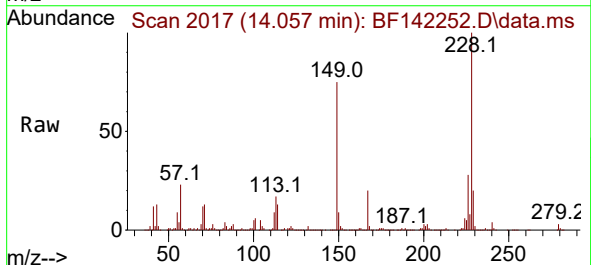
Tgt Ion:149 Resp: 629446

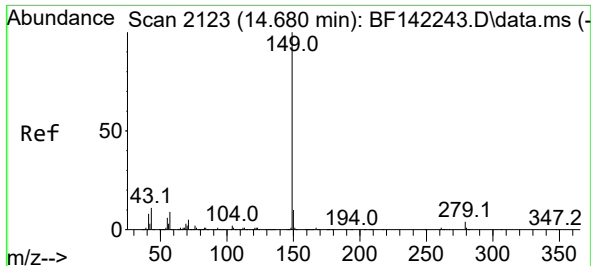
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

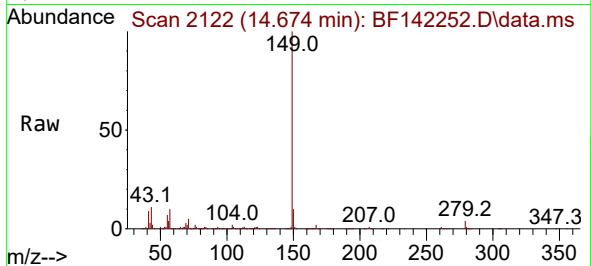
279 3.9 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 41.045 ng  
RT: 14.674 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

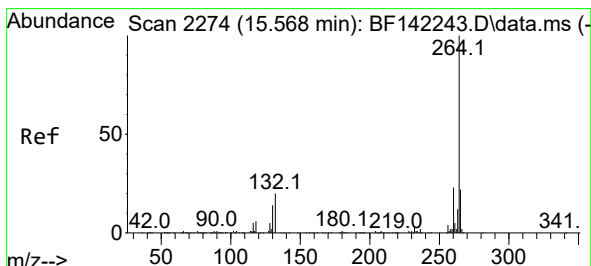
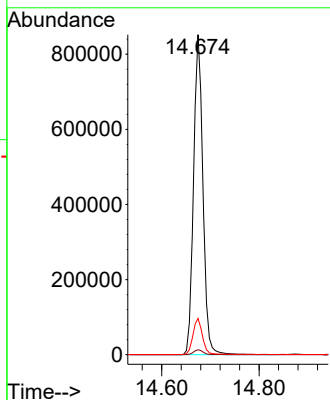
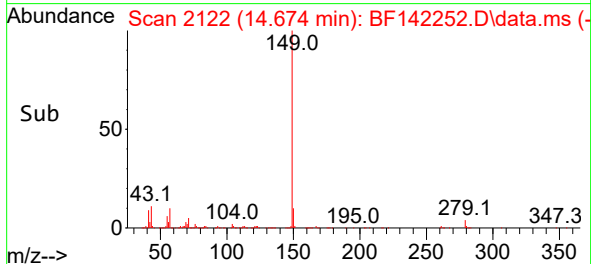
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:149 Resp: 114673  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.1 1.7  
43 11.4 9.3 13.9

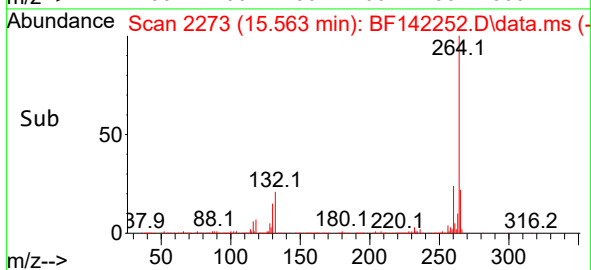
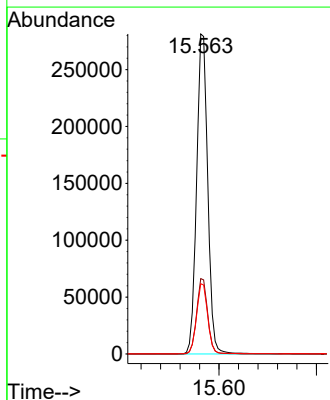
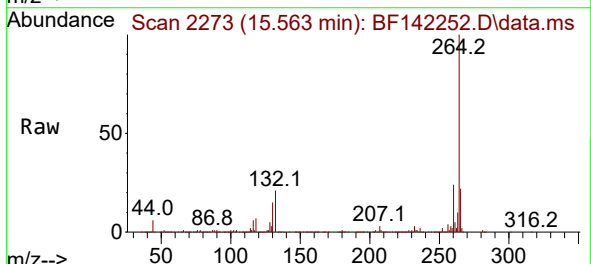
Manual Integrations  
APPROVED

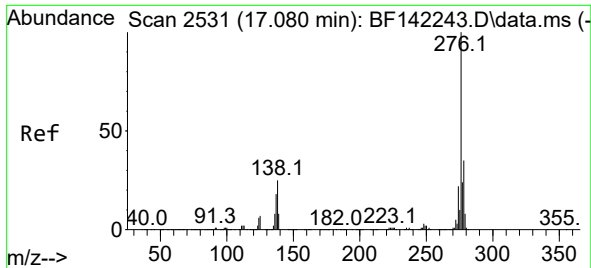
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.563 min Scan# 2273  
Delta R.T. -0.006 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

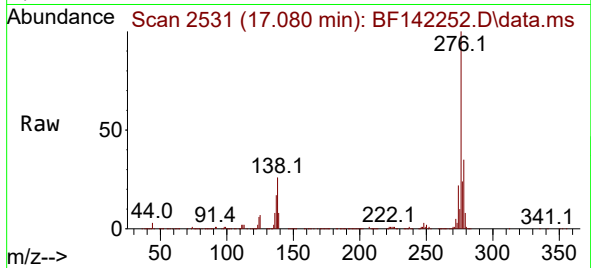
Tgt Ion:264 Resp: 448663  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.4 27.6  
265 21.9 17.3 25.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.153 ng  
RT: 17.080 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

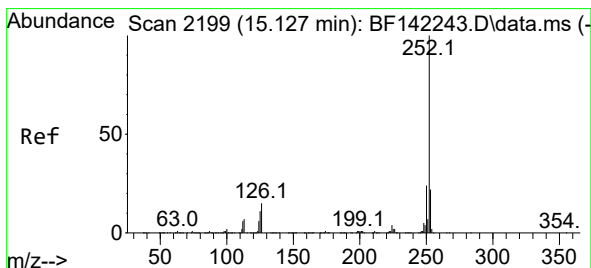
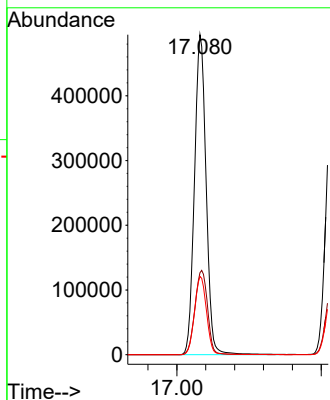
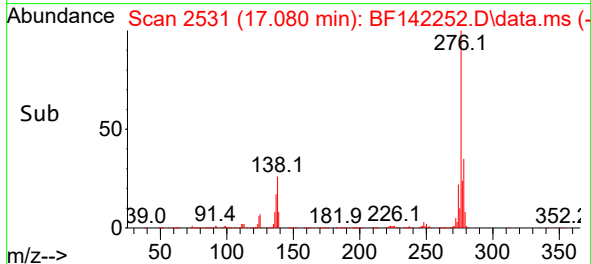
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:276 Resp: 138529  
Ion Ratio Lower Upper  
276 100  
138 28.6 22.6 33.8  
277 25.1 20.1 30.1

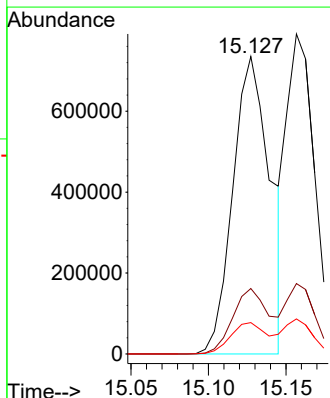
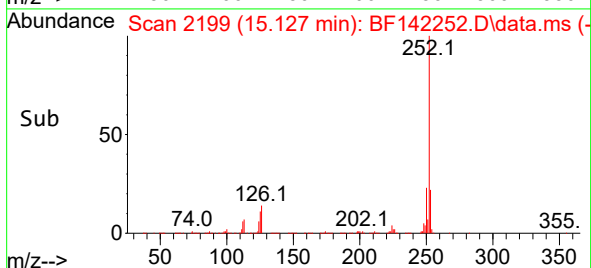
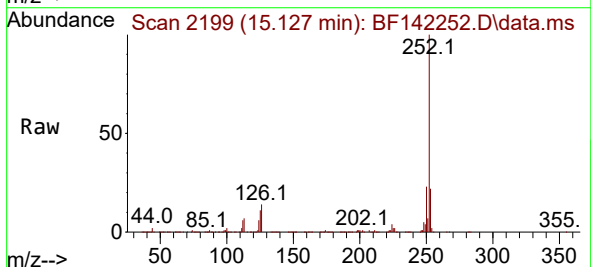
Manual Integrations  
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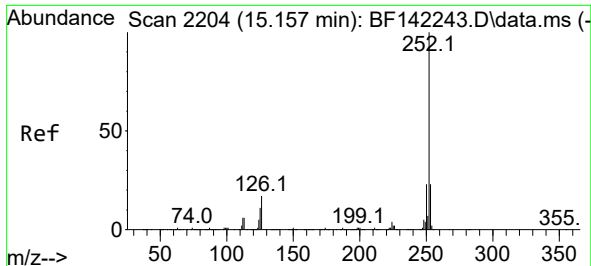
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#88  
Benzo(b)fluoranthene  
Concen: 44.141 ng  
RT: 15.127 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

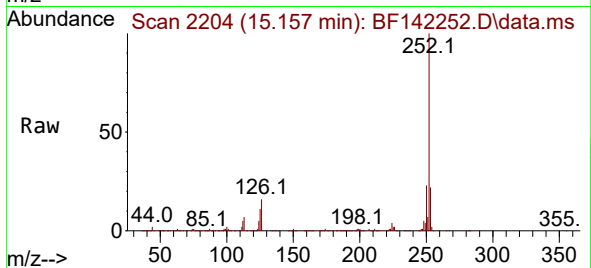
Tgt Ion:252 Resp: 1230162  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.7 26.5  
125 10.6 9.0 13.4





#89  
Benzo(k)fluoranthene  
Concen: 39.692 ng  
RT: 15.157 min Scan# 2204  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

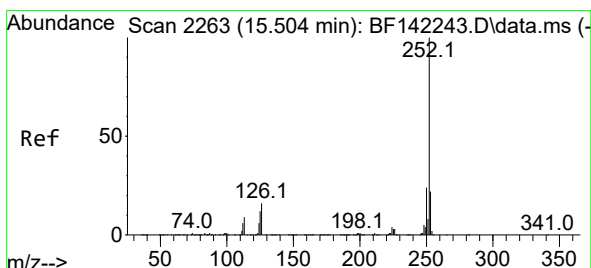
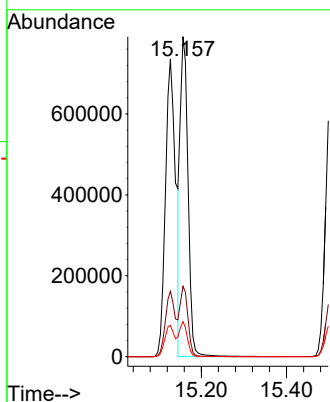
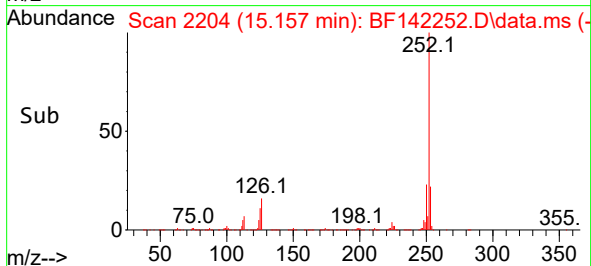
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



Tgt Ion:252 Resp: 1011794  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 10.9 9.0 13.6

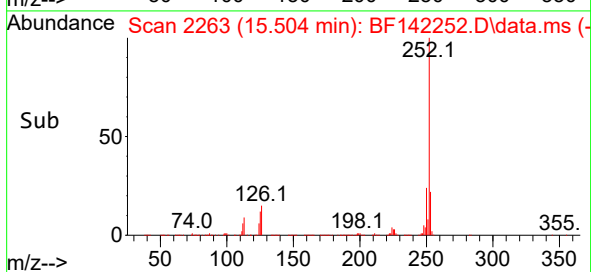
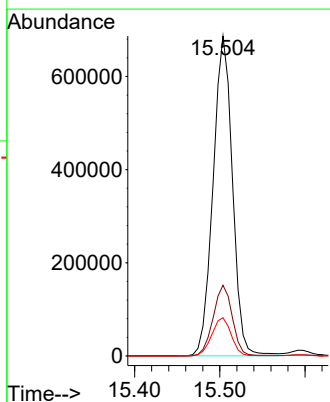
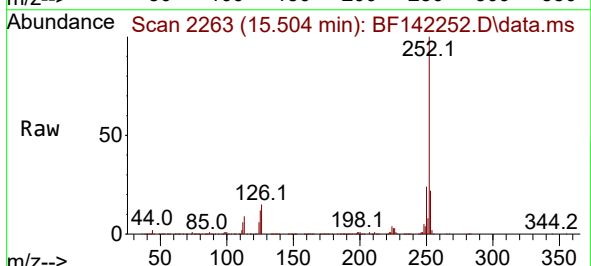
Manual Integrations  
APPROVED

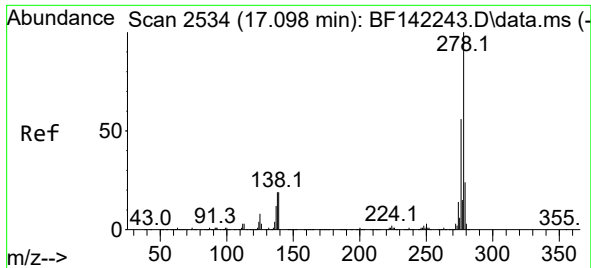
Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#90  
Benzo(a)pyrene  
Concen: 42.542 ng  
RT: 15.504 min Scan# 2263  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

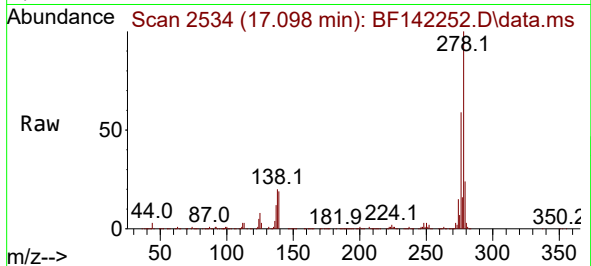
Tgt Ion:252 Resp: 1085464  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 12.0 9.5 14.3





#91  
Dibenzo(a,h)anthracene  
Concen: 42.272 ng  
RT: 17.098 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13

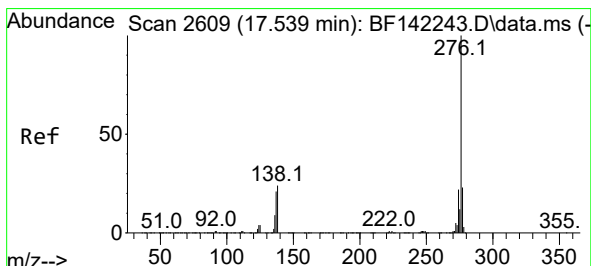
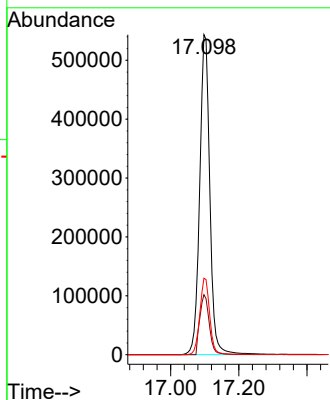
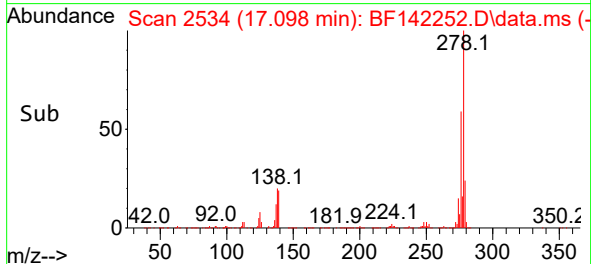
Instrument :  
BNA\_F  
ClientSampleId :  
PB167798BS



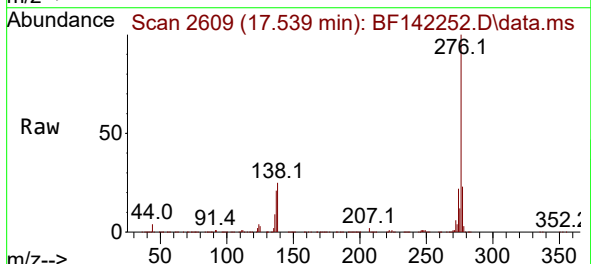
Tgt Ion:278 Resp: 1127475  
Ion Ratio Lower Upper  
278 100  
139 18.8 15.2 22.8  
279 23.9 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 05/02/2025  
Supervised By :Jagrut Upadhyay 05/02/2025



#92  
Benzo(g,h,i)perylene  
Concen: 41.996 ng  
RT: 17.539 min Scan# 2609  
Delta R.T. -0.000 min  
Lab File: BF142252.D  
Acq: 01 May 2025 11:13



Tgt Ion:276 Resp: 1126050  
Ion Ratio Lower Upper  
276 100  
277 23.5 18.7 28.1  
138 24.7 19.4 29.0

