

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082024\  
 Data File : BM047267.D  
 Acq On : 20 Aug 2024 12:07  
 Operator : RC/JU  
 Sample : P3643-02MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 932-K1-SD-0-0.5-081524MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 20 12:43:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 11 23:47:58 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.357  | 152  | 224756   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.116 | 136  | 875032   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.021 | 164  | 598415   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 16.786 | 188  | 1318664  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.027 | 240  | 1107344  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.721 | 264  | 1124279  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.016  | 112  | 1404493  | 111.659 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.575  | 99   | 1884640  | 108.738 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.510  | 82   | 1148497  | 66.090  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.533 | 330  | 791934   | 114.133 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.627 | 172  | 2242759  | 57.811  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.451 | 244  | 3030486  | 58.641  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.022  | 88   | 207820   | 39.876  | ng    | 95       |
| 3) Pyridine                   | 3.399  | 79   | 575856   | 37.680  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.316  | 42   | 264411   | 39.601  | ng    | 100      |
| 6) Aniline                    | 6.710  | 93   | 628244   | 38.350  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.940  | 128  | 704590   | 51.359  | ng    | 98       |
| 9) Benzaldehyde               | 6.522  | 77   | 380480   | 43.299  | ng    | 99       |
| 10) Phenol                    | 6.604  | 94   | 836579   | 48.373  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.810  | 93   | 650887   | 43.948  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.245  | 146  | 757349   | 46.456  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.392  | 146  | 766980   | 46.467  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.704  | 146  | 742039   | 47.646  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.616  | 79   | 641295   | 51.989  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.887  | 45   | 823699   | 43.342  | ng    | 98       |
| 17) 2-Methylphenol            | 7.822  | 107  | 577932   | 50.090  | ng    | 99       |
| 18) Hexachloroethane          | 8.410  | 117  | 286837   | 44.863  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.169  | 70   | 500119   | 42.838  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.151  | 107  | 800326   | 49.617  | ng    | 98       |
| 22) Acetophenone              | 8.181  | 105  | 964415   | 45.660  | ng    | 98       |
| 24) Nitrobenzene              | 8.551  | 77   | 776210   | 44.358  | ng    | 97       |
| 25) Isophorone                | 9.075  | 82   | 1451265  | 47.964  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.251  | 139  | 408687   | 52.737  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.334  | 122  | 584255   | 64.362  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.557  | 93   | 892816   | 46.894  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 9.786  | 162  | 757684   | 56.253  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 9.986  | 180  | 744491   | 48.842  | ng    | 98       |
| 31) Naphthalene               | 10.163 | 128  | 2057259  | 47.195  | ng    | 99       |
| 32) Benzoic acid              | 9.528  | 122  | 587645   | 55.719  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.292 | 127  | 470621   | 28.075  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.445 | 225  | 460763   | 51.645  | ng    | 98       |
| 35) Caprolactam               | 11.110 | 113  | 259899m  | 55.563  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.445 | 107  | 754649   | 52.609  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 11.792 | 142  | 1530740  | 49.320  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.016 | 142  | 1434100  | 46.753  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.175 | 216  | 846011   | 51.832  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.145 | 237  | 699885   | 122.799 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.433 | 196  | 645362   | 55.629  | ng    | 98       |

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 BNA\_M  
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 932-K1-SD-0-0.5-081524MS

Quant Time: Aug 20 12:43:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 11 23:47:58 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.516 | 196  | 695398   | 53.987  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 12.839 | 154  | 2004544  | 47.053  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 12.874 | 162  | 1553891  | 46.666  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.104 | 65   | 510758   | 48.962  | ng    | 97       |
| 49) Acenaphthylene            | 13.739 | 152  | 2544166  | 51.835  | ng    | 100      |
| 50) Dimethylphthalate         | 13.504 | 163  | 2083674  | 49.856  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.621 | 165  | 471984   | 48.310  | ng    | 89       |
| 52) Acenaphthene              | 14.086 | 154  | 1537980  | 49.398  | ng    | 99       |
| 53) 3-Nitroaniline            | 13.951 | 138  | 352365   | 35.993  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.174 | 184  | 599241   | 102.338 | ng    | 91       |
| 55) Dibenzofuran              | 14.427 | 168  | 2435484  | 49.524  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.304 | 139  | 871185   | 103.199 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.421 | 165  | 642828   | 49.295  | ng    | # 98     |
| 58) Fluorene                  | 15.086 | 166  | 1994196  | 49.146  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.668 | 232  | 615666   | 58.157  | ng    | 94       |
| 60) Diethylphthalate          | 14.886 | 149  | 2085510  | 48.865  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.086 | 204  | 979624   | 50.710  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.133 | 138  | 468127   | 48.538  | ng    | 95       |
| 63) Azobenzene                | 15.380 | 77   | 1880518  | 46.471  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.192 | 198  | 392765   | 50.873  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.310 | 169  | 1777793  | 49.497  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 15.986 | 248  | 651517   | 51.273  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.092 | 284  | 756384   | 49.702  | ng    | 96       |
| 69) Atrazine                  | 16.286 | 200  | 708865   | 65.587  | ng    | 99       |
| 70) Pentachlorophenol         | 16.451 | 266  | 1086035  | 101.804 | ng    | 98       |
| 71) Phenanthrene              | 16.827 | 178  | 3291854  | 49.742  | ng    | 99       |
| 72) Anthracene                | 16.921 | 178  | 3364784  | 52.254  | ng    | 100      |
| 73) Carbazole                 | 17.204 | 167  | 3214005  | 48.885  | ng    | 99       |
| 74) Di-n-butylphthalate       | 17.786 | 149  | 3778178  | 49.387  | ng    | 99       |
| 75) Fluoranthene              | 18.862 | 202  | 4008991  | 49.804  | ng    | 99       |
| 77) Benzidine                 | 19.068 | 184  | 1692743  | 90.141  | ng    | 99       |
| 78) Pyrene                    | 19.233 | 202  | 4209207  | 53.236  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.168 | 149  | 1828369  | 56.663  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.015 | 228  | 3717987  | 50.577  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 20.950 | 252  | 1076202  | 46.790  | ng    | 99       |
| 83) Chrysene                  | 21.068 | 228  | 3447413  | 49.428  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 20.968 | 149  | 2488923  | 54.390  | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 21.997 | 149  | 4376210  | 56.264  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.727 | 276  | 3591951  | 49.428  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.886 | 252  | 3322518  | 49.763  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.939 | 252  | 3260791  | 51.706  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.597 | 252  | 3053597  | 52.796  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.774 | 278  | 2858311  | 48.602  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.656 | 276  | 2754623  | 45.113  | ng    | 99       |

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

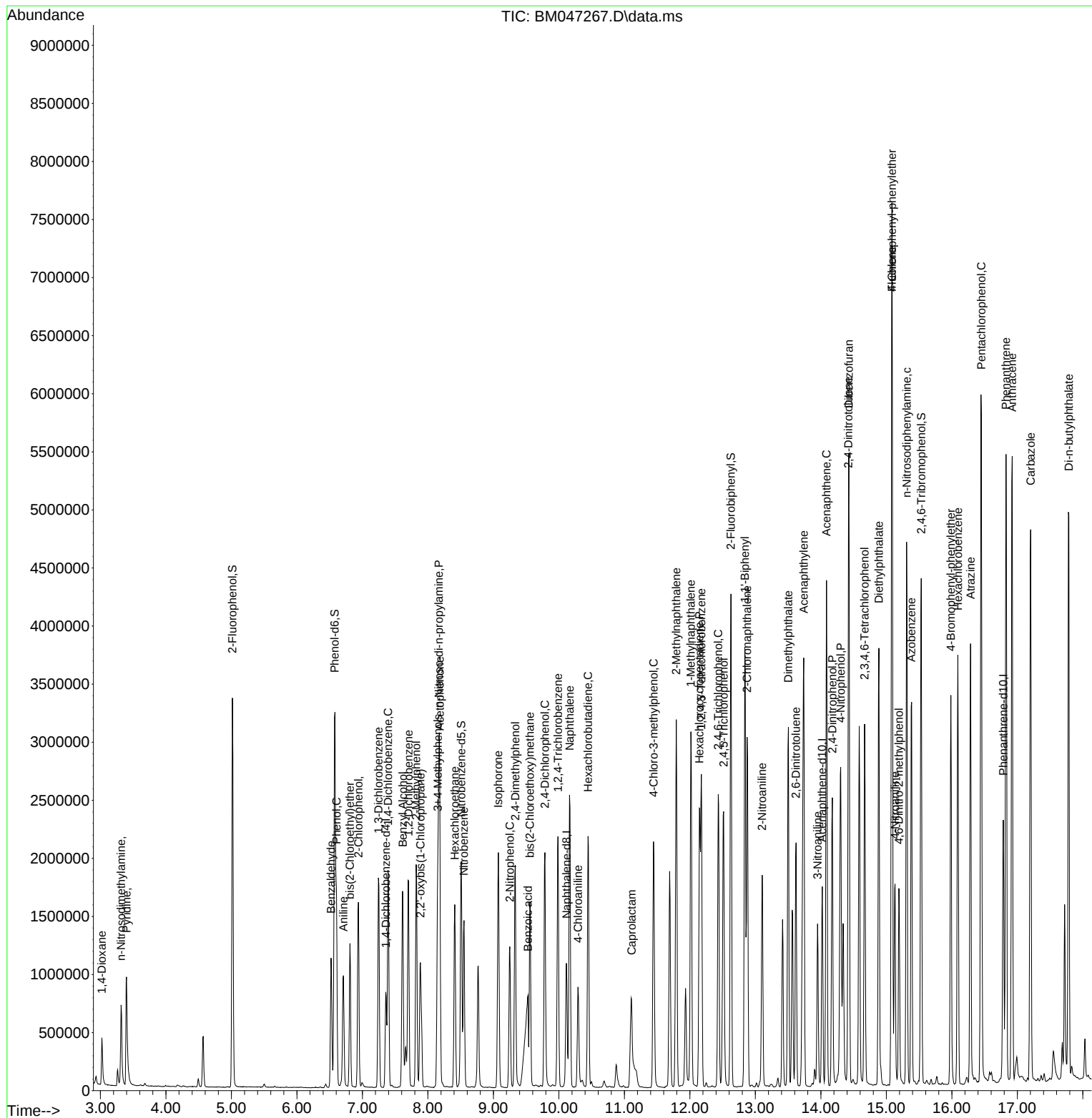
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082024\  
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Instrument :  
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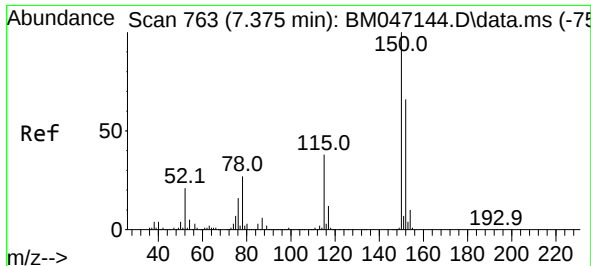
Quant Time: Aug 20 12:43:53 2024  
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Manual Integrations  
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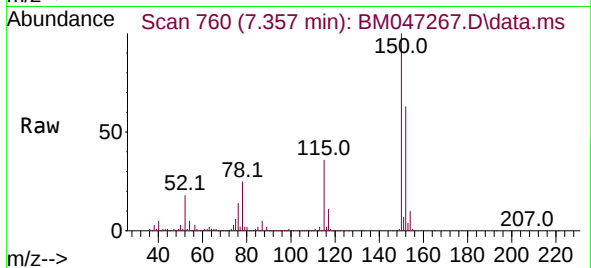






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.357 min Scan# 70  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

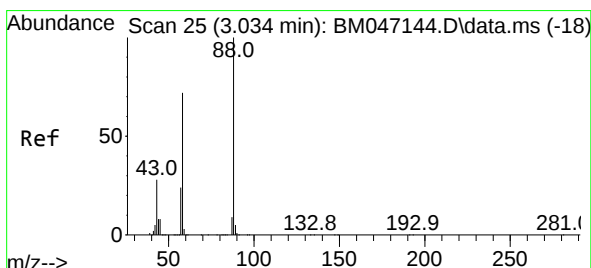
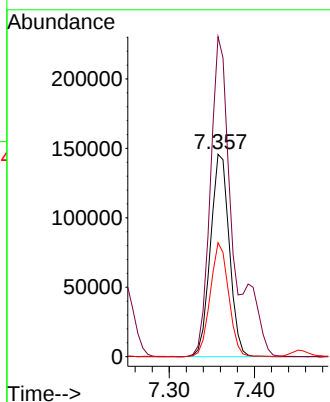
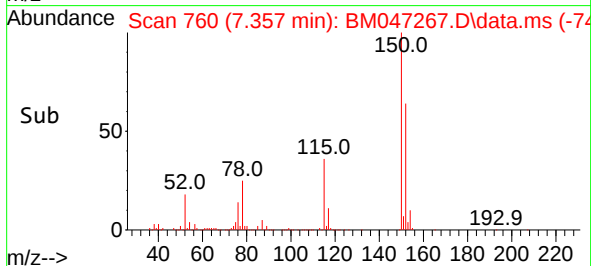
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



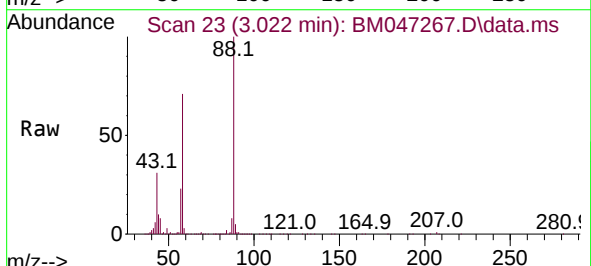
Tgt Ion:152 Resp: 224750  
Ion Ratio Lower Upper  
152 100  
150 158.1 120.5 180.7  
115 56.3 45.5 68.3

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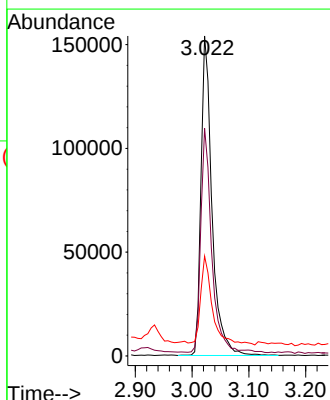
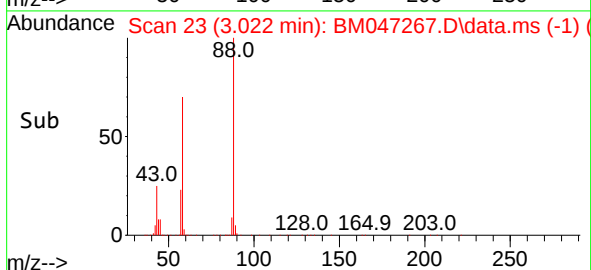
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#2  
1,4-Dioxane  
Concen: 39.876 ng  
RT: 3.022 min Scan# 23  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



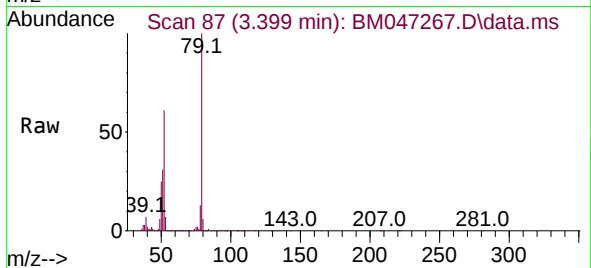
Tgt Ion: 88 Resp: 207820  
Ion Ratio Lower Upper  
88 100  
58 68.3 58.2 87.4  
43 29.7 22.5 33.7





#3  
Pyridine  
Concen: 37.680 ng  
RT: 3.399 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

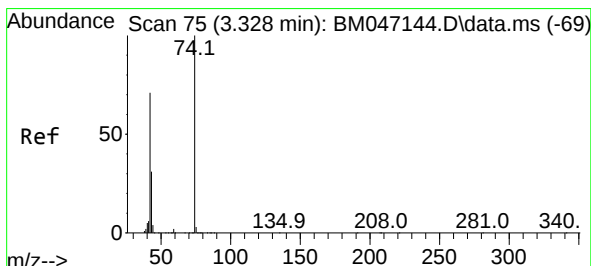
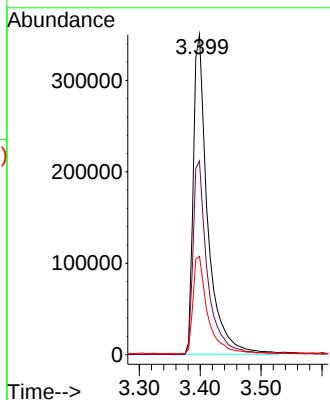
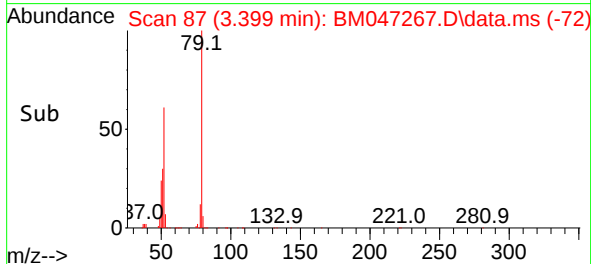
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Tgt Ion: 79 Resp: 575850  
Ion Ratio Lower Upper  
79 100  
52 60.5 51.2 76.8  
51 30.8 26.1 39.1

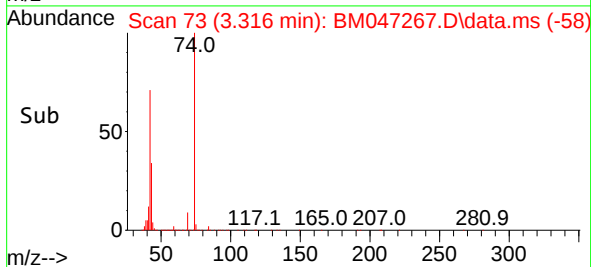
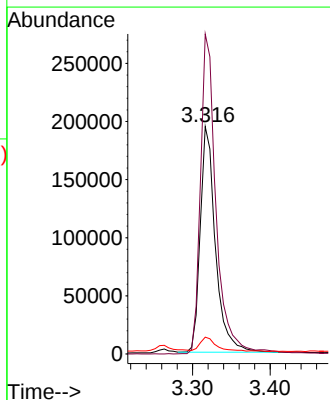
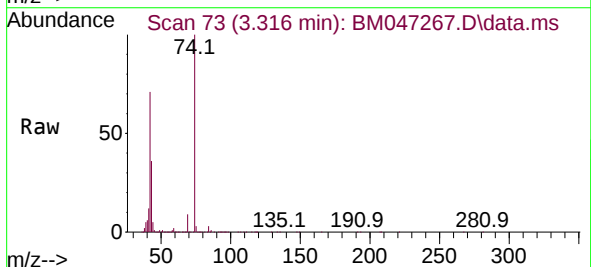
Manual Integrations  
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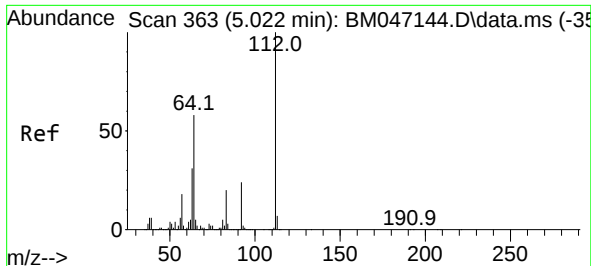
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#4  
n-Nitrosodimethylamine  
Concen: 39.601 ng  
RT: 3.316 min Scan# 73  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

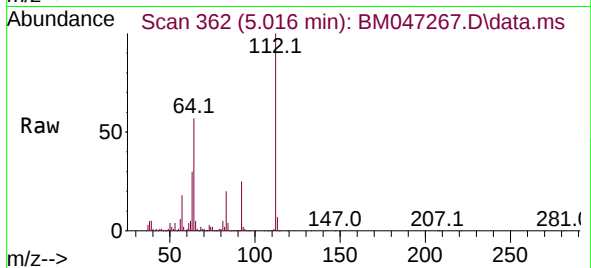
Tgt Ion: 42 Resp: 264411  
Ion Ratio Lower Upper  
42 100  
74 140.7 112.9 169.3  
44 7.4 5.3 7.9





#5  
2-Fluorophenol  
Concen: 111.659 ng  
RT: 5.016 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

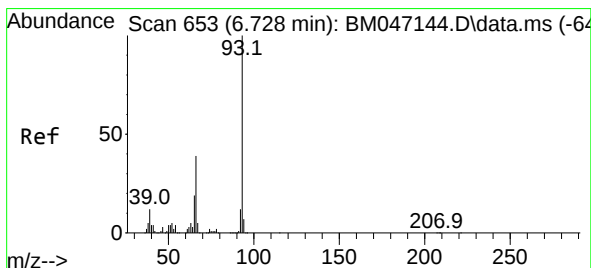
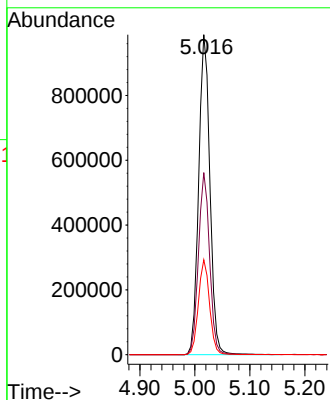
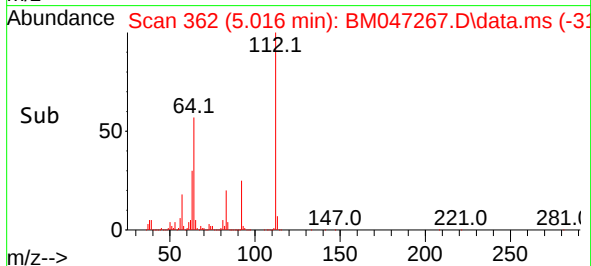
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Tgt Ion:112 Resp: 140449  
Ion Ratio Lower Upper  
112 100  
64 56.9 46.7 70.1  
63 29.7 24.8 37.2

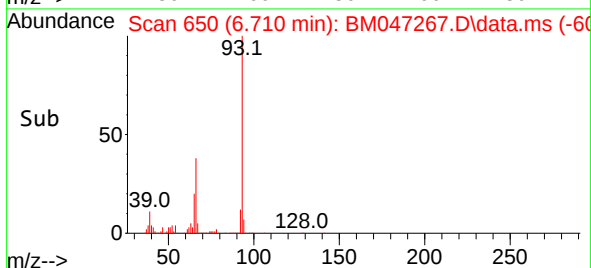
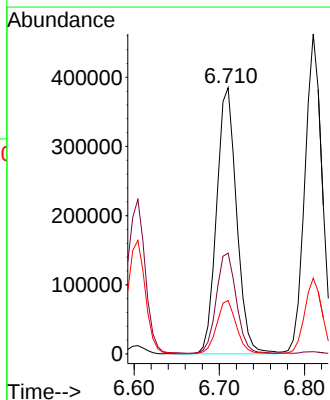
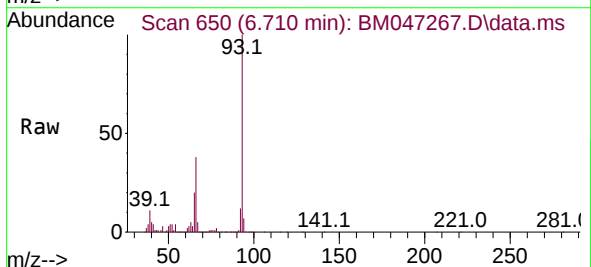
Manual Integrations  
APPROVED

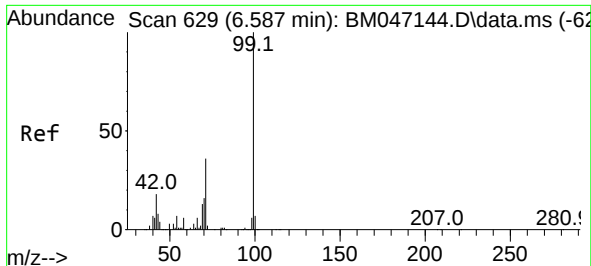
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#6  
Aniline  
Concen: 38.350 ng  
RT: 6.710 min Scan# 650  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

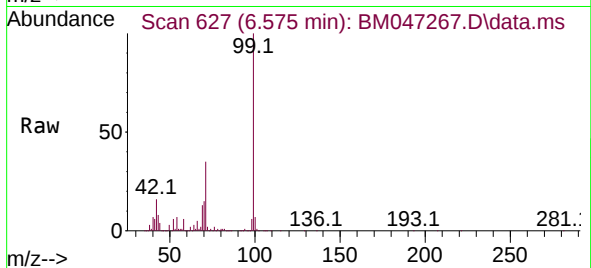
Tgt Ion: 93 Resp: 628244  
Ion Ratio Lower Upper  
93 100  
66 37.9 31.4 47.2  
65 20.1 15.6 23.4





#7  
Phenol-d6  
Concen: 108.738 ng  
RT: 6.575 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

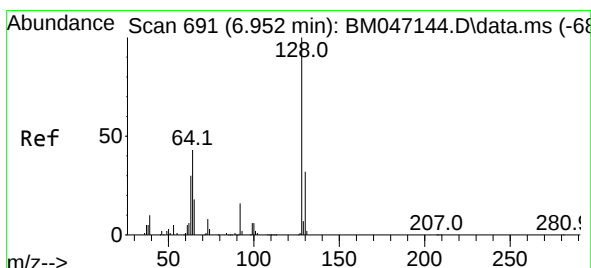
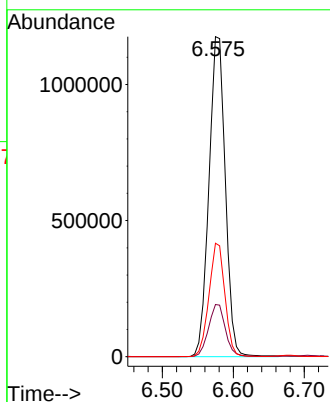
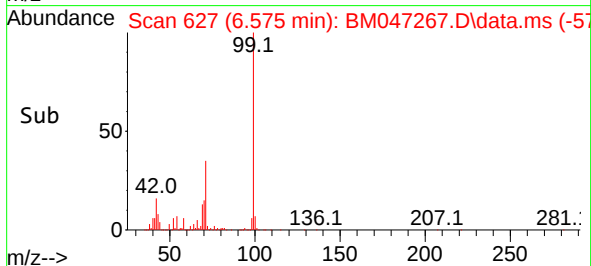
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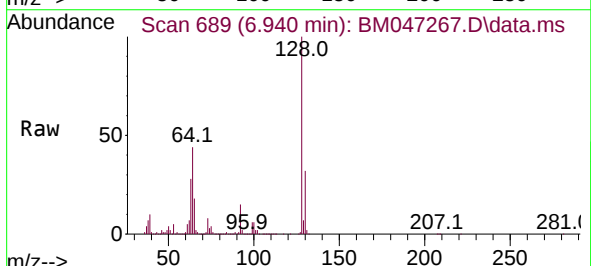
Tgt Ion: 99 Resp: 1884640  
Ion Ratio Lower Upper  
99 100  
42 16.3 14.1 21.1  
71 35.4 28.5 42.7

Manual Integrations  
APPROVED

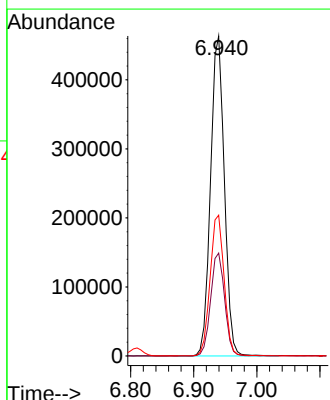
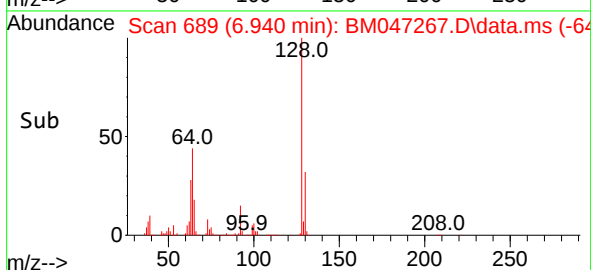
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#8  
2-Chlorophenol  
Concen: 51.359 ng  
RT: 6.940 min Scan# 689  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



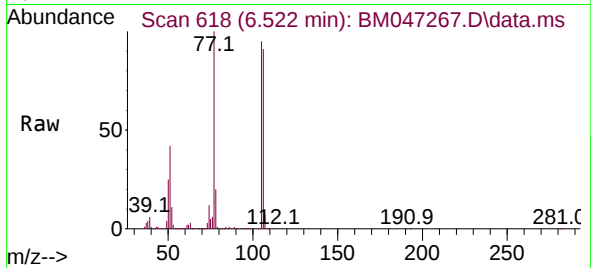
Tgt Ion:128 Resp: 704590  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.1 52.1  
64 44.0 26.6 66.6





#9  
Benzaldehyde  
Concen: 43.299 ng  
RT: 6.522 min Scan# 618  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

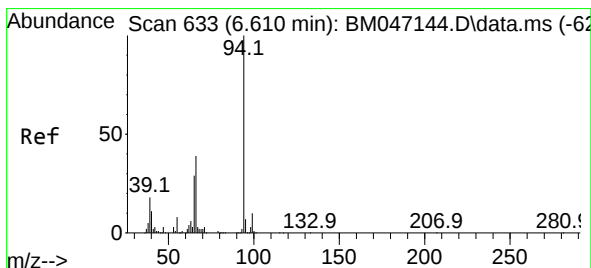
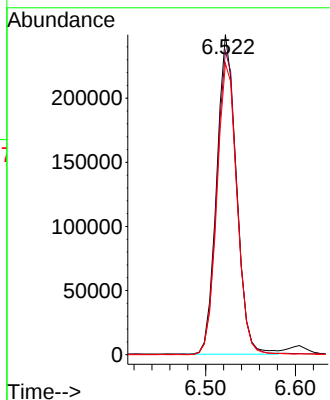
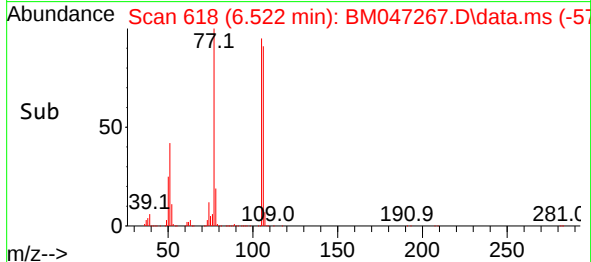
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



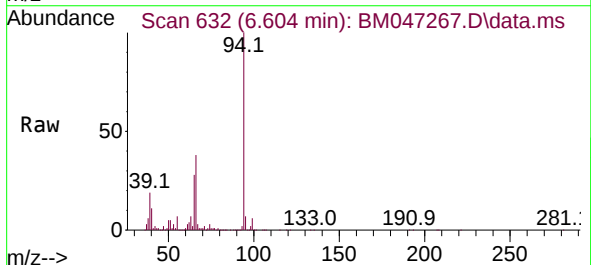
Tgt Ion: 77 Resp: 380480  
Ion Ratio Lower Upper  
77 100  
105 94.8 74.5 114.5  
106 91.0 72.3 112.3

Manual Integrations  
APPROVED

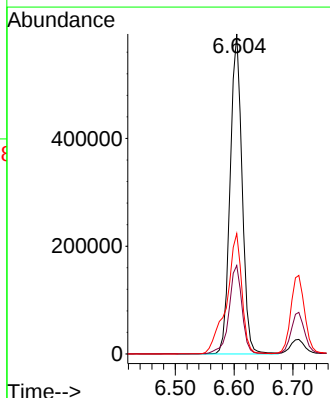
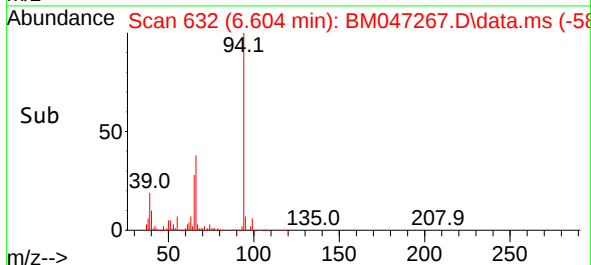
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#10  
Phenol  
Concen: 48.373 ng  
RT: 6.604 min Scan# 632  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



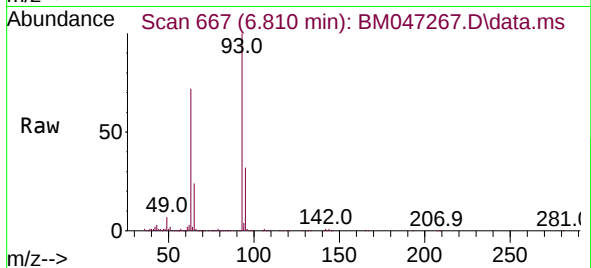
Tgt Ion: 94 Resp: 836579  
Ion Ratio Lower Upper  
94 100  
65 27.7 9.0 49.0  
66 37.6 18.9 58.9





#11  
bis(2-Chloroethyl)ether  
Concen: 43.948 ng  
RT: 6.810 min Scan# 60  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

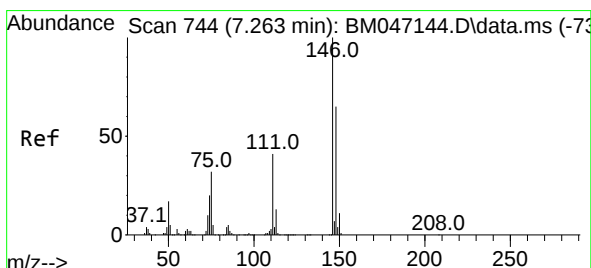
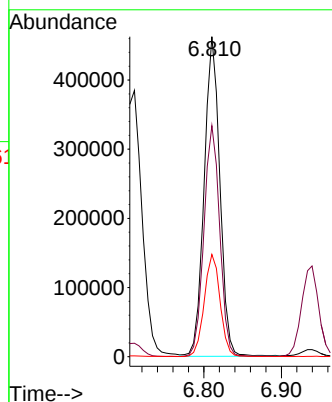
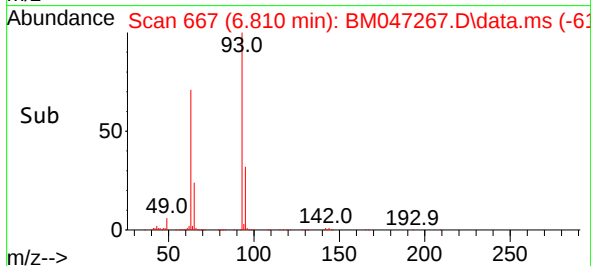
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion: 93 Resp: 65088  
Ion Ratio Lower Upper  
93 100  
63 72.2 55.8 95.8  
95 32.0 12.7 52.7

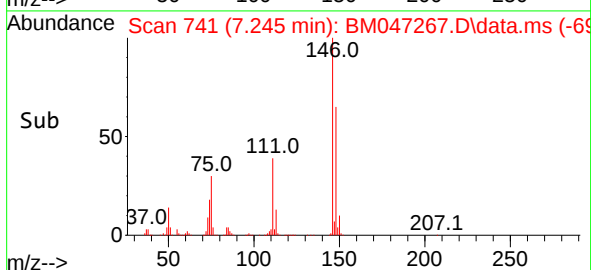
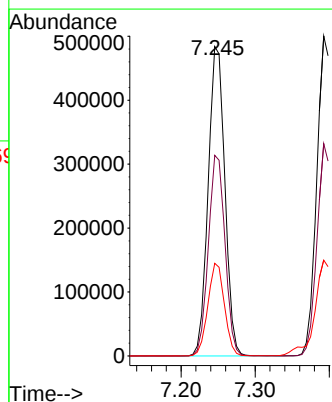
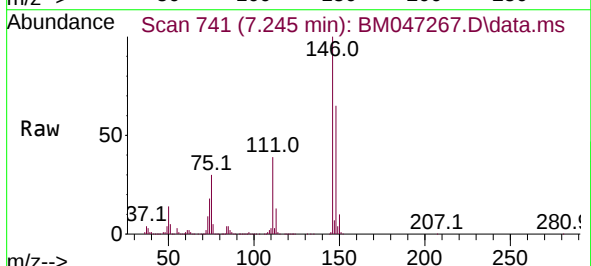
Manual Integrations  
APPROVED

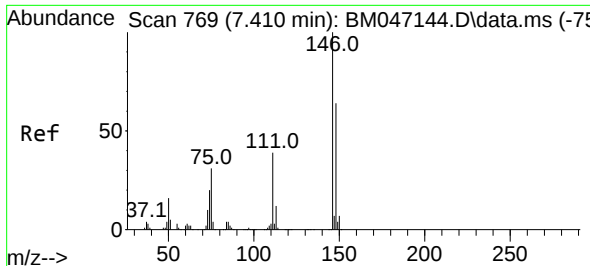
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#12  
1,3-Dichlorobenzene  
Concen: 46.456 ng  
RT: 7.245 min Scan# 741  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

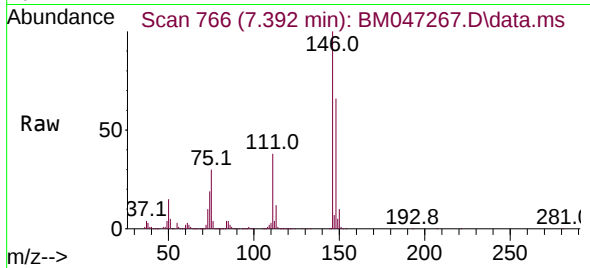
Tgt Ion:146 Resp: 757349  
Ion Ratio Lower Upper  
146 100  
148 64.8 52.3 78.5  
75 30.0 25.8 38.6





#13  
1,4-Dichlorobenzene  
Concen: 46.467 ng  
RT: 7.392 min Scan# 701  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

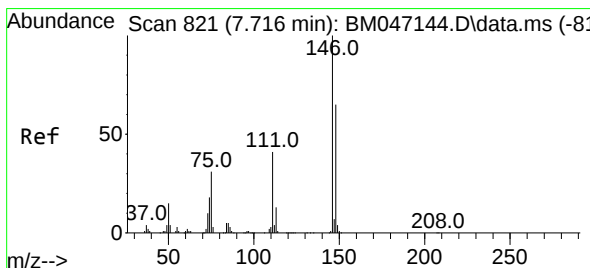
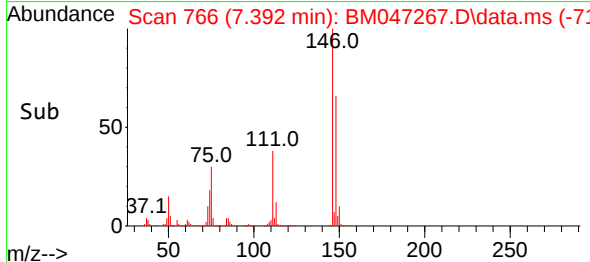
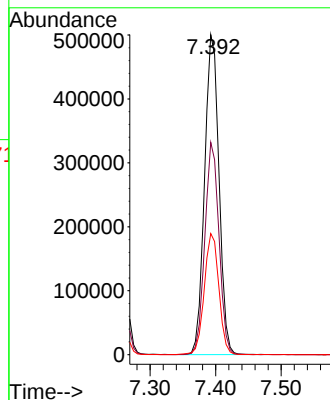
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:146 Resp: 766980  
Ion Ratio Lower Upper  
146 100  
148 66.4 51.4 77.2  
111 37.9 31.5 47.3

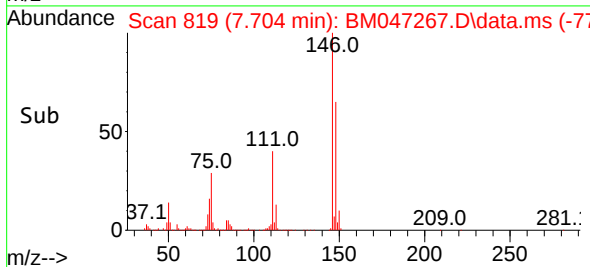
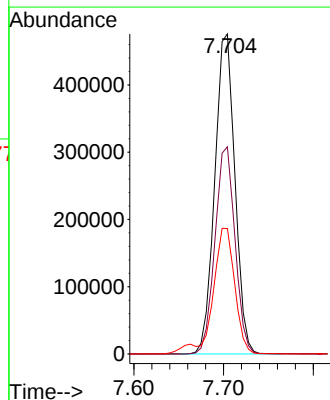
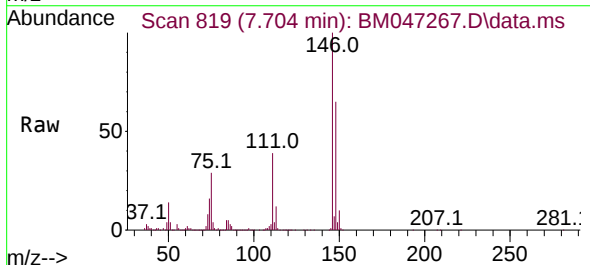
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#14  
1,2-Dichlorobenzene  
Concen: 47.646 ng  
RT: 7.704 min Scan# 819  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

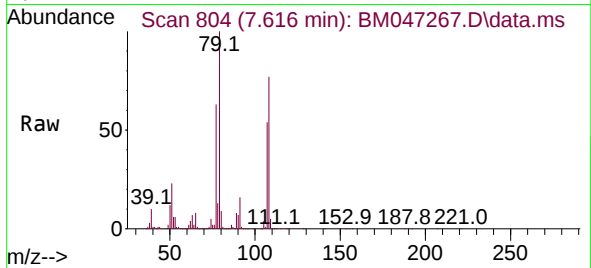
Tgt Ion:146 Resp: 742039  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.8 77.8  
111 39.2 33.3 49.9





#15  
Benzyl Alcohol  
Concen: 51.989 ng  
RT: 7.616 min Scan# 804  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

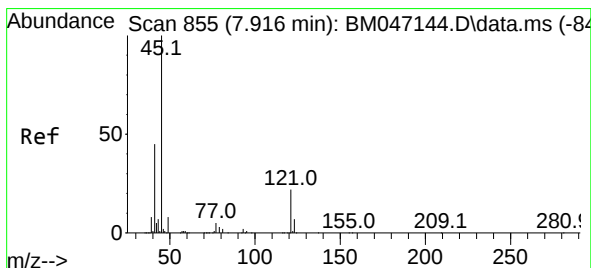
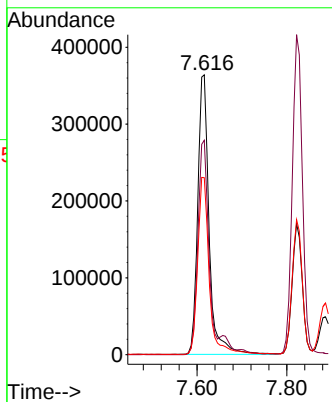
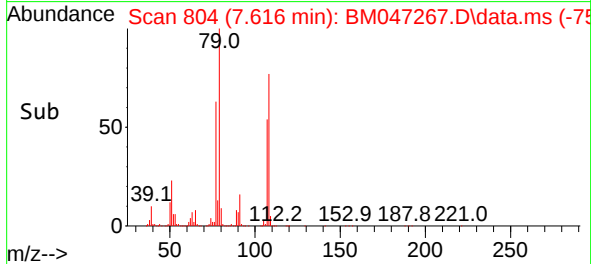
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



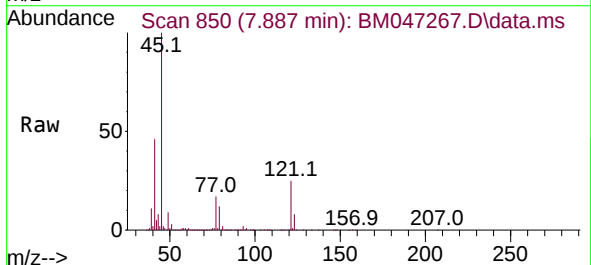
Tgt Ion: 79 Resp: 641295  
Ion Ratio Lower Upper  
79 100  
108 76.6 59.7 89.5  
77 63.3 52.9 79.3

Manual Integrations  
APPROVED

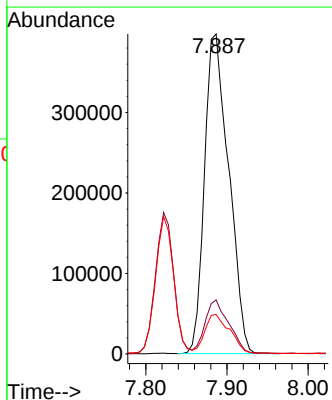
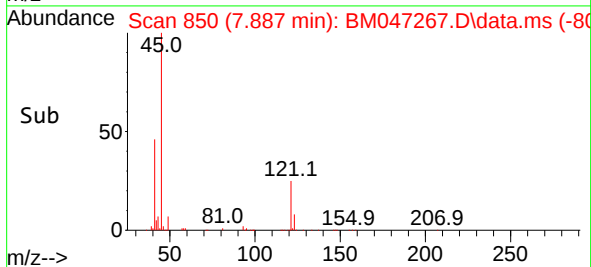
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024

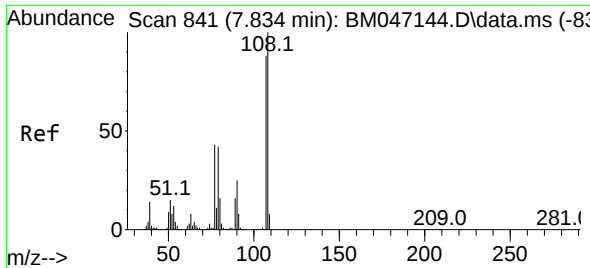


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.342 ng  
RT: 7.887 min Scan# 850  
Delta R.T. -0.030 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



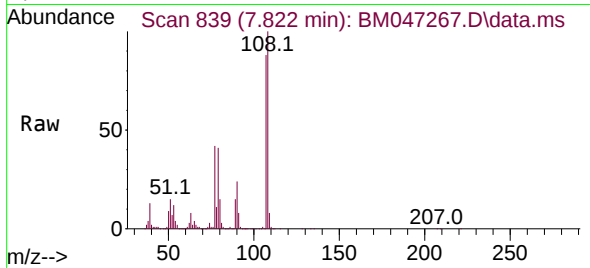
Tgt Ion: 45 Resp: 823699  
Ion Ratio Lower Upper  
45 100  
77 16.9 0.0 35.6  
79 12.4 0.0 32.4





#17  
2-Methylphenol  
Concen: 50.090 ng  
RT: 7.822 min Scan# 841  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

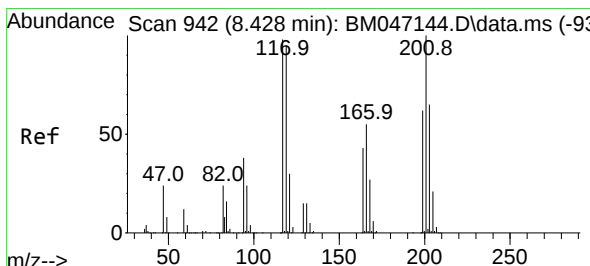
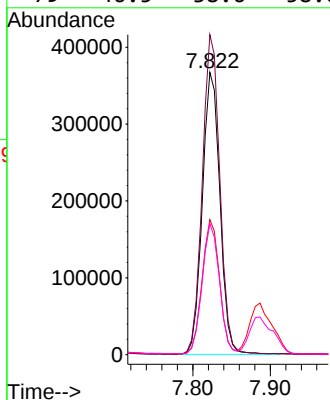
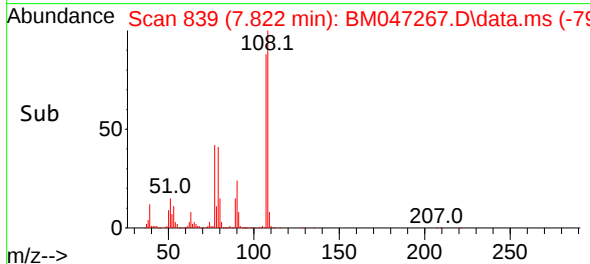
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:107 Resp: 577932  
Ion Ratio Lower Upper  
107 100  
108 113.4 90.6 135.8  
77 47.9 39.3 58.9  
79 46.5 38.6 58.0

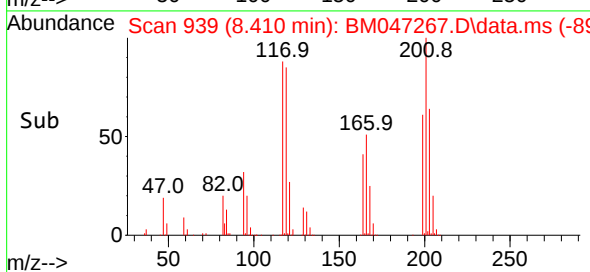
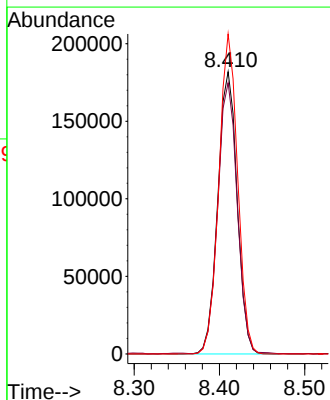
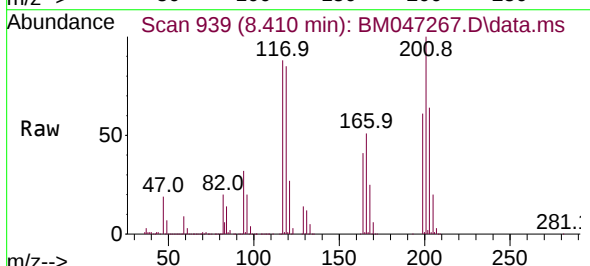
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#18  
Hexachloroethane  
Concen: 44.863 ng  
RT: 8.410 min Scan# 939  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

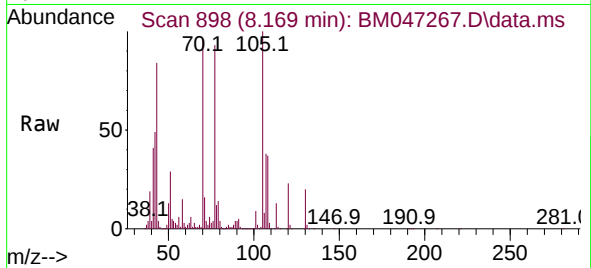
Tgt Ion:117 Resp: 286837  
Ion Ratio Lower Upper  
117 100  
119 96.1 77.0 115.4  
201 113.4 81.3 121.9





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.838 ng  
RT: 8.169 min Scan# 898  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

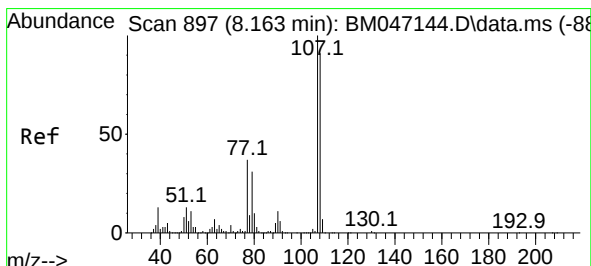
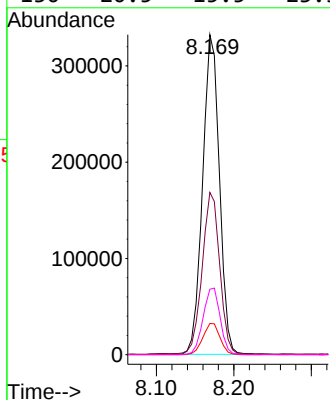
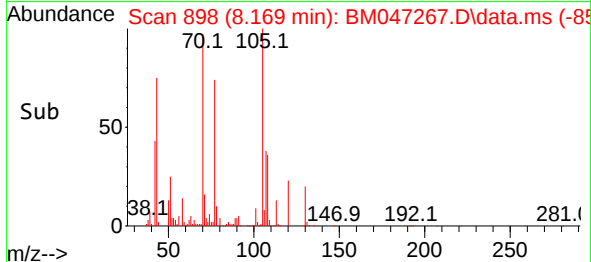
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



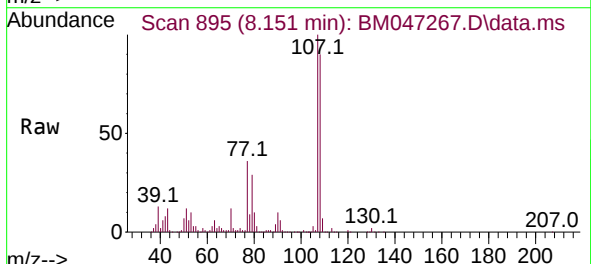
Tgt Ion: 70 Resp: 500119  
Ion Ratio Lower Upper  
70 100  
42 50.7 42.0 63.0  
101 9.8 7.2 10.8  
130 20.5 15.5 23.3

Manual Integrations  
APPROVED

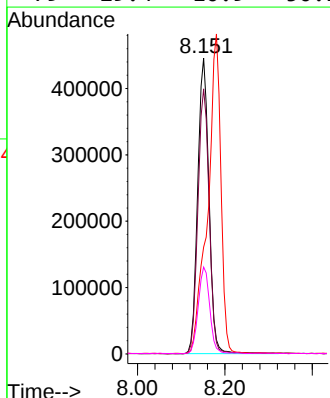
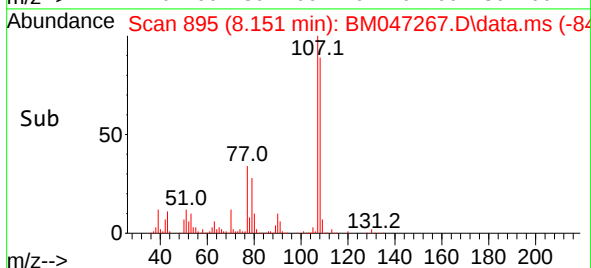
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#20  
3+4-Methylphenols  
Concen: 49.617 ng  
RT: 8.151 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



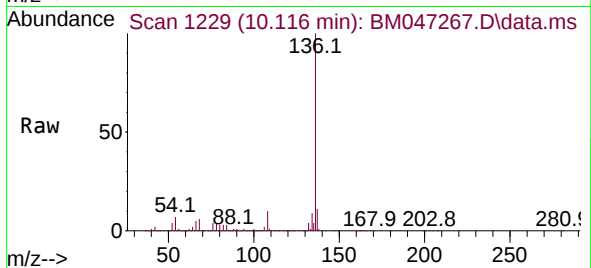
Tgt Ion:107 Resp: 800326  
Ion Ratio Lower Upper  
107 100  
108 89.6 70.7 110.7  
77 36.1 17.4 57.4  
79 29.4 10.9 50.9





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.116 min Scan# 1232  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

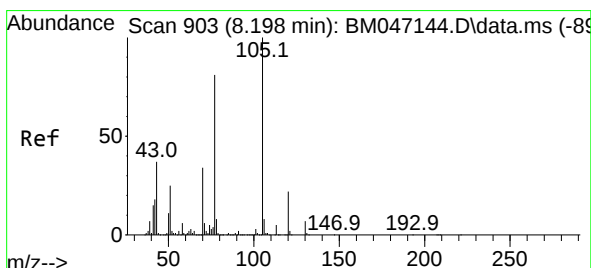
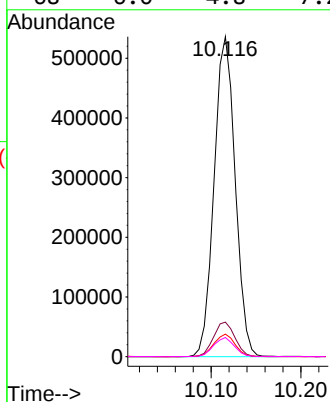
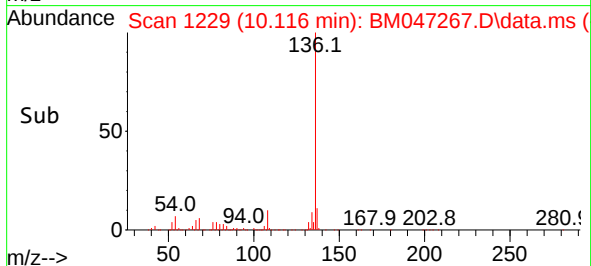
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:136 Resp: 875032  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 7.1 6.0 9.0  
68 6.0 4.8 7.2

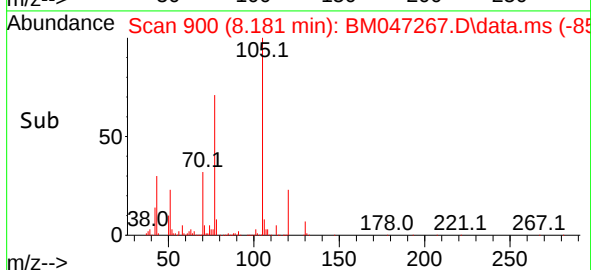
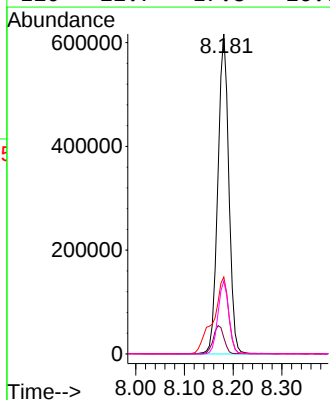
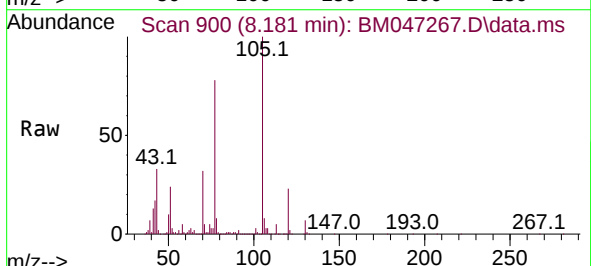
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#22  
Acetophenone  
Concen: 45.660 ng  
RT: 8.181 min Scan# 900  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

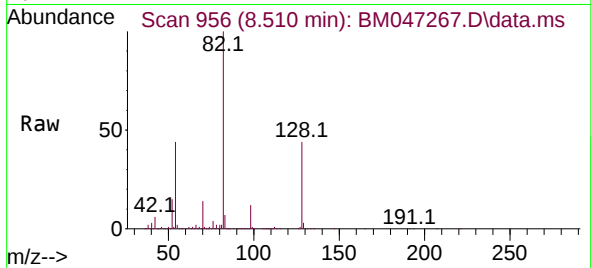
Tgt Ion:105 Resp: 964415  
Ion Ratio Lower Upper  
105 100  
71 5.1 4.5 6.7  
51 24.0 20.1 30.1  
120 22.7 17.8 26.6





#23  
Nitrobenzene-d5  
Concen: 66.090 ng  
RT: 8.510 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

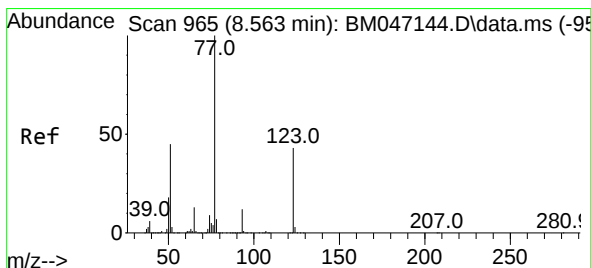
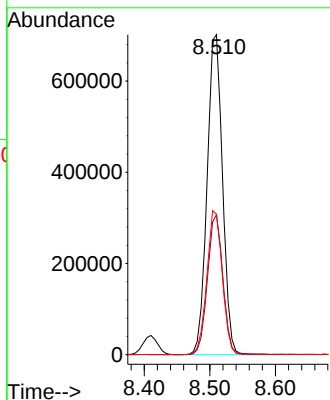
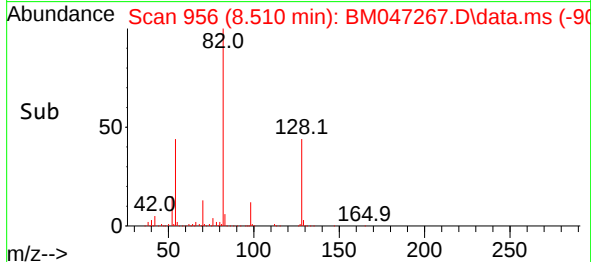
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



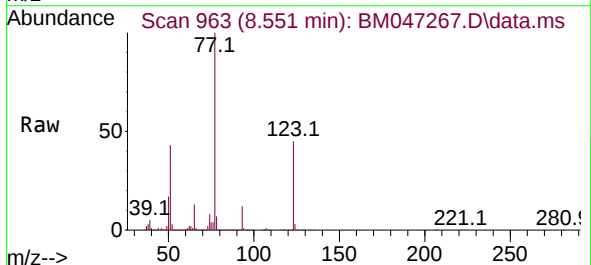
Tgt Ion: 82 Resp: 114849  
Ion Ratio Lower Upper  
82 100  
128 43.8 32.3 48.5  
54 43.9 37.4 56.2

Manual Integrations  
APPROVED

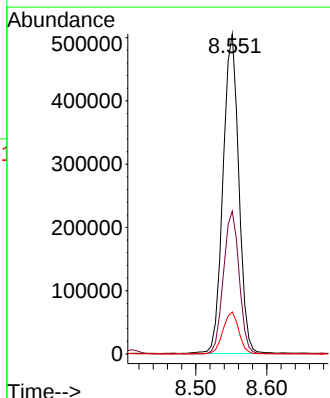
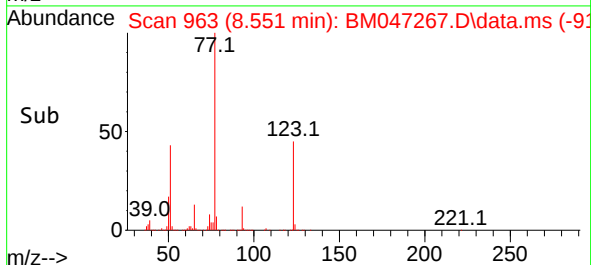
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024

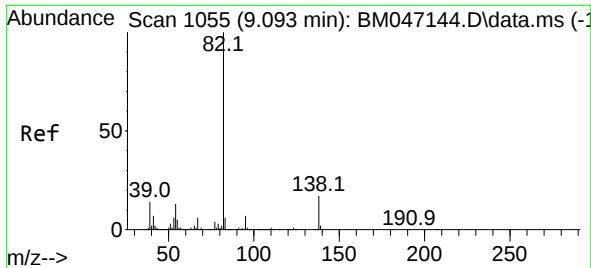


#24  
Nitrobenzene  
Concen: 44.358 ng  
RT: 8.551 min Scan# 963  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



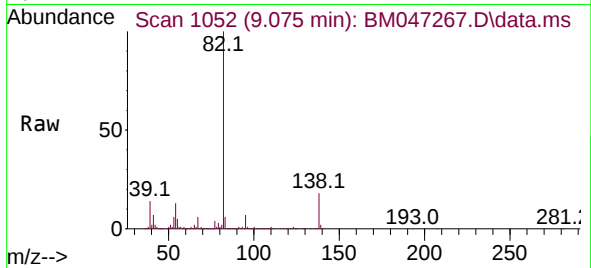
Tgt Ion: 77 Resp: 776210  
Ion Ratio Lower Upper  
77 100  
123 44.6 34.0 51.0  
65 13.1 10.5 15.7





#25  
Isophorone  
Concen: 47.964 ng  
RT: 9.075 min Scan# 1052  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

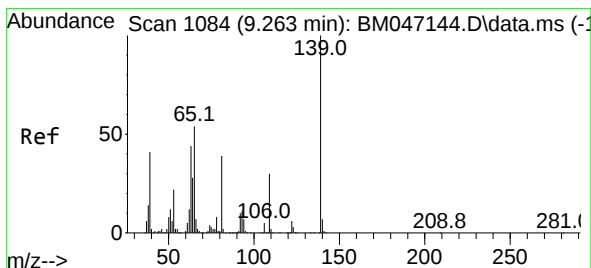
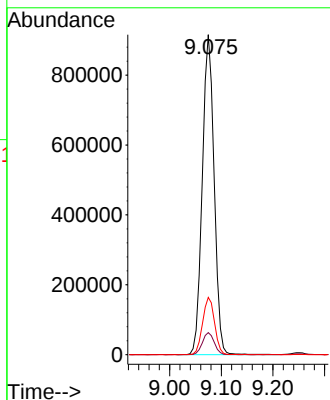
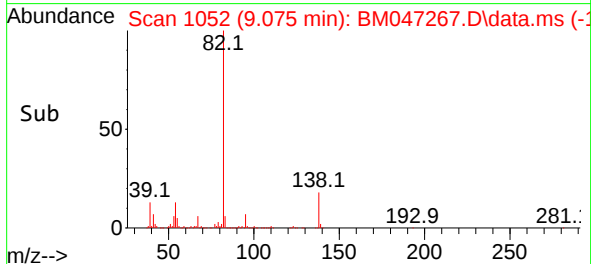
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion: 82 Resp: 145126  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.5 8.3  
138 17.9 13.5 20.3

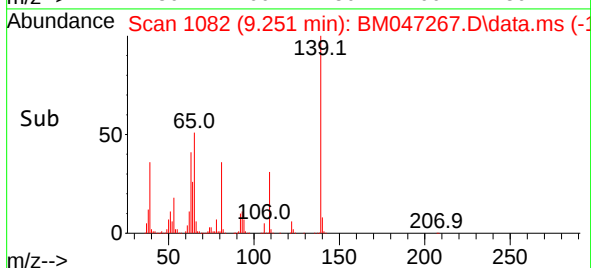
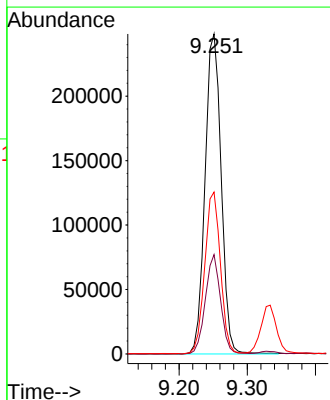
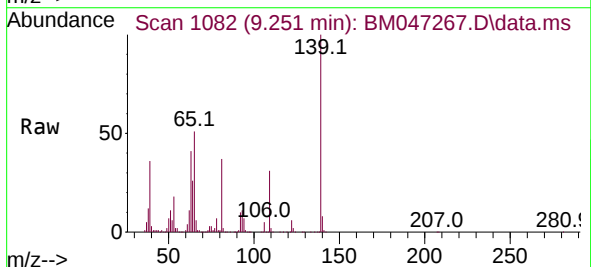
Manual Integrations  
APPROVED

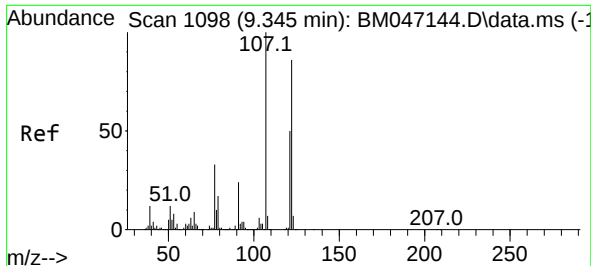
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#26  
2-Nitrophenol  
Concen: 52.737 ng  
RT: 9.251 min Scan# 1082  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

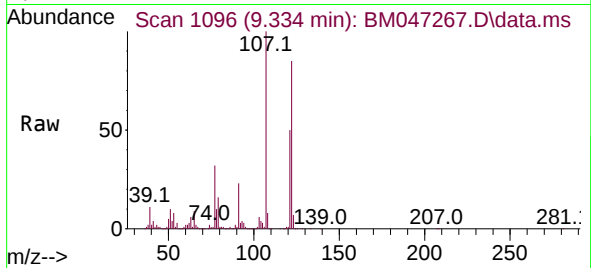
Tgt Ion:139 Resp: 408687  
Ion Ratio Lower Upper  
139 100  
109 31.0 24.4 36.6  
65 50.6 43.0 64.6





#27  
2,4-Dimethylphenol  
Concen: 64.362 ng  
RT: 9.334 min Scan# 1096  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

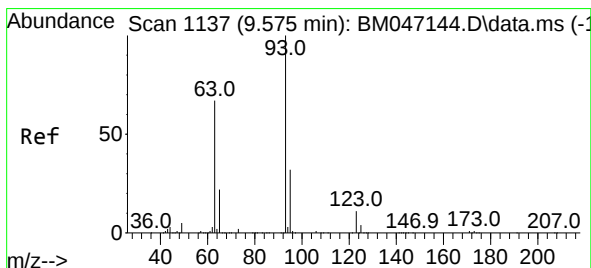
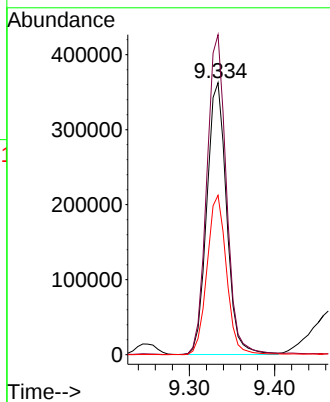
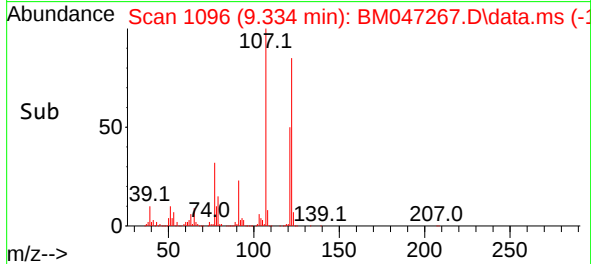
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:122 Resp: 58425  
Ion Ratio Lower Upper  
122 100  
107 117.6 92.8 139.2  
121 58.6 46.1 69.1

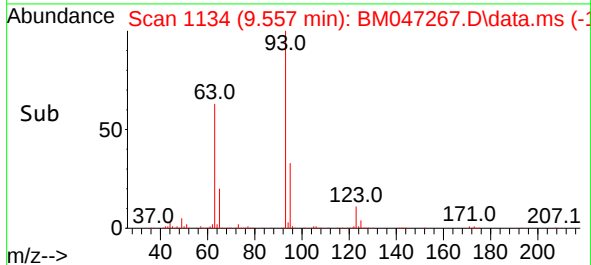
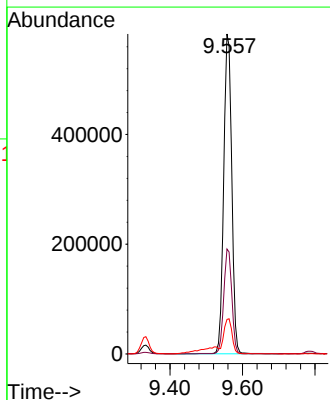
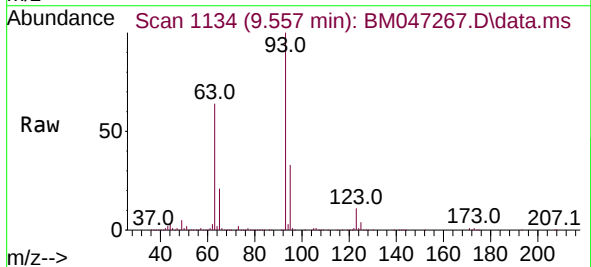
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.894 ng  
RT: 9.557 min Scan# 1134  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

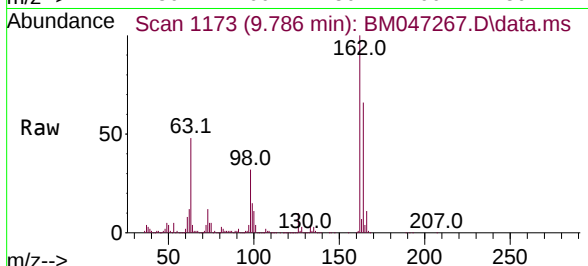
Tgt Ion: 93 Resp: 892816  
Ion Ratio Lower Upper  
93 100  
95 32.8 25.8 38.8  
123 10.8 9.0 13.4





#29  
2,4-Dichlorophenol  
Concen: 56.253 ng  
RT: 9.786 min Scan# 1173  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

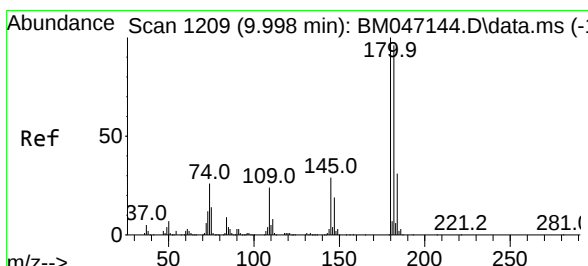
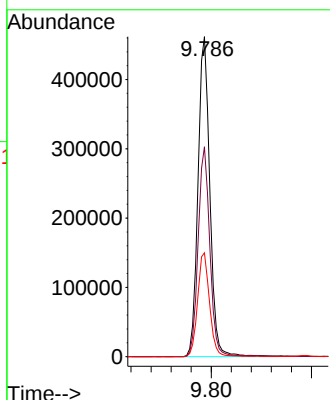
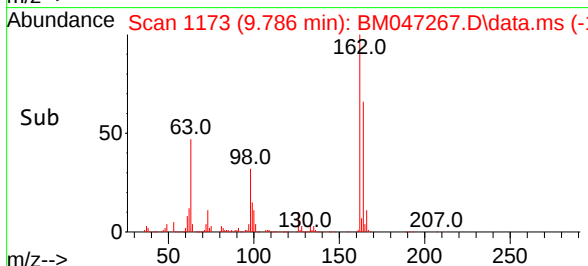
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:162 Resp: 757684  
Ion Ratio Lower Upper  
162 100  
164 65.6 44.7 84.7  
98 32.5 14.9 54.9

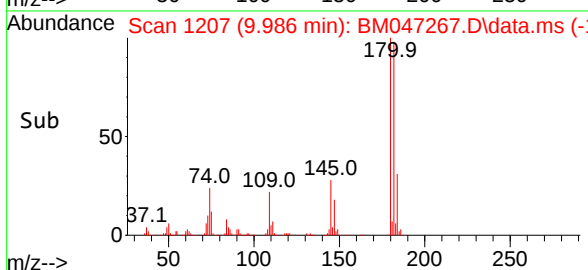
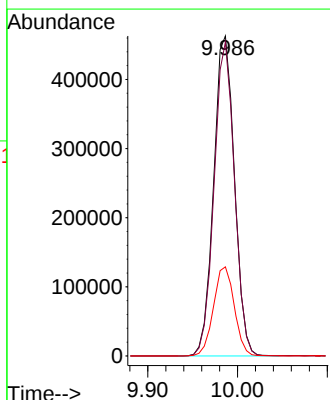
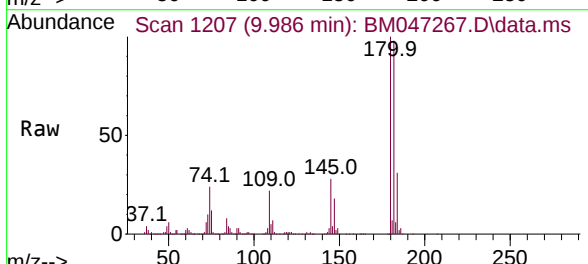
Manual Integrations  
APPROVED

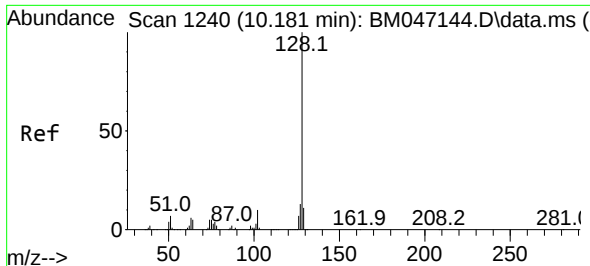
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 48.842 ng  
RT: 9.986 min Scan# 1207  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

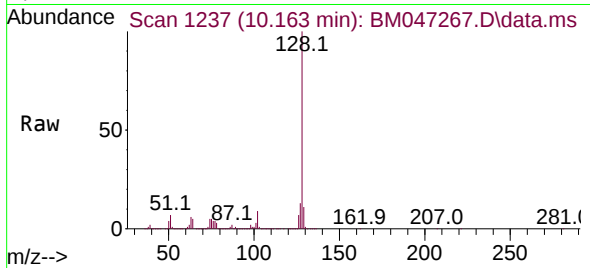
Tgt Ion:180 Resp: 744491  
Ion Ratio Lower Upper  
180 100  
182 98.1 76.6 115.0  
145 27.9 23.4 35.2





#31  
Naphthalene  
Concen: 47.195 ng  
RT: 10.163 min Scan# 1129  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

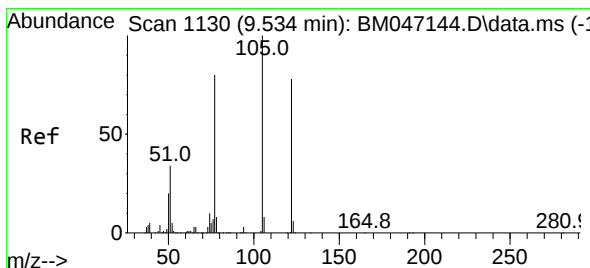
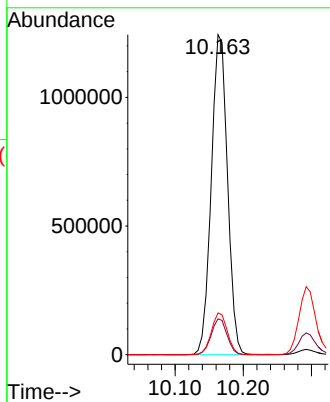
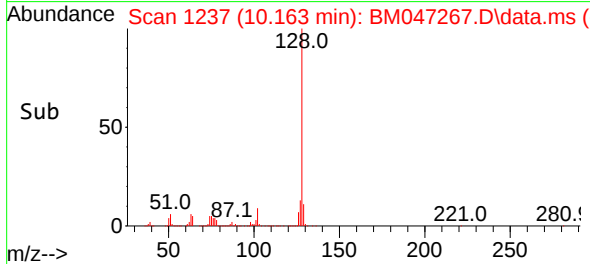
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



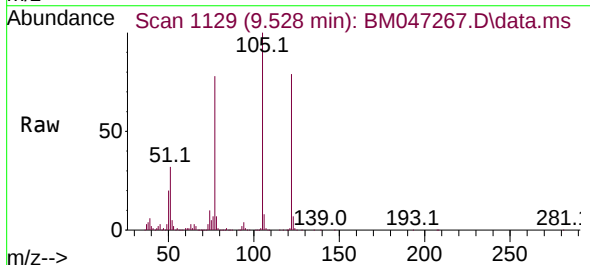
Tgt Ion:128 Resp: 2057259  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 13.0  
127 13.1 10.2 15.4

Manual Integrations  
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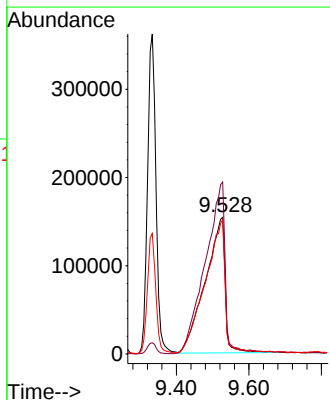
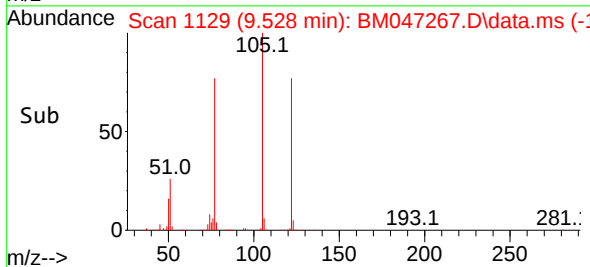
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#32  
Benzoic acid  
Concen: 55.719 ng  
RT: 9.528 min Scan# 1129  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



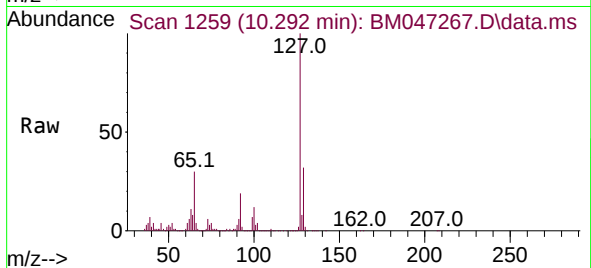
Tgt Ion:122 Resp: 587645  
Ion Ratio Lower Upper  
122 100  
105 125.8 107.1 147.1  
77 98.3 82.1 122.1





#33  
4-Chloroaniline  
Concen: 28.075 ng  
RT: 10.292 min Scan# 1259  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

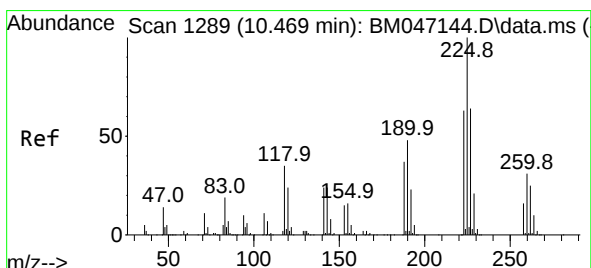
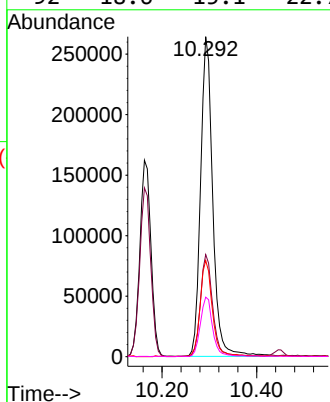
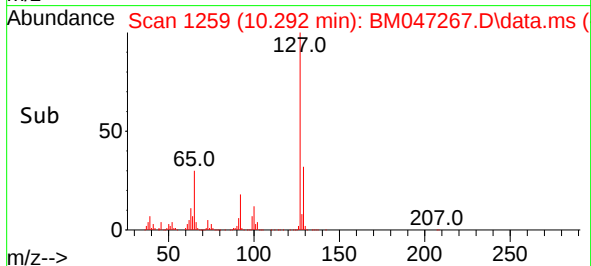
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



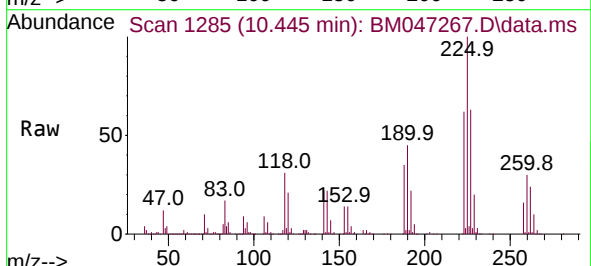
Tgt Ion:127 Resp: 47062  
Ion Ratio Lower Upper  
127 100  
129 31.9 25.8 38.8  
65 30.1 24.9 37.3  
92 18.6 15.1 22.7

Manual Integrations  
APPROVED

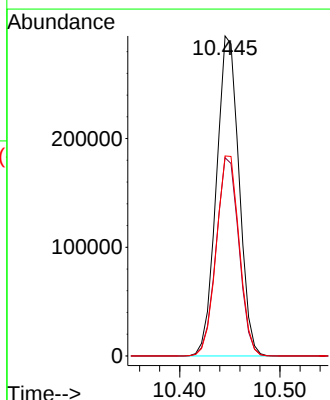
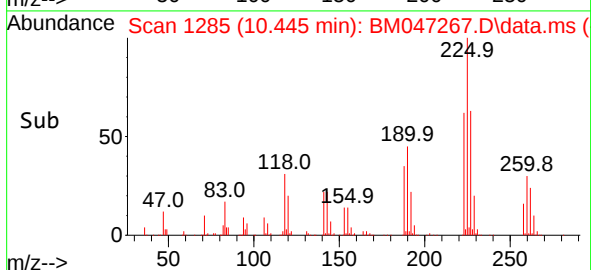
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024

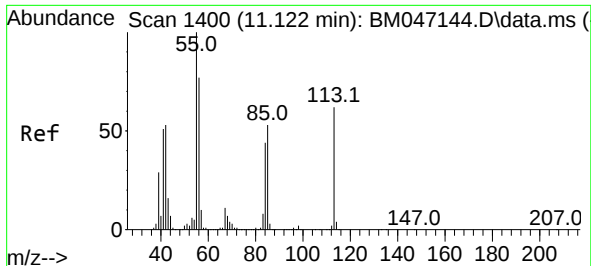


#34  
Hexachlorobutadiene  
Concen: 51.645 ng  
RT: 10.445 min Scan# 1285  
Delta R.T. -0.024 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



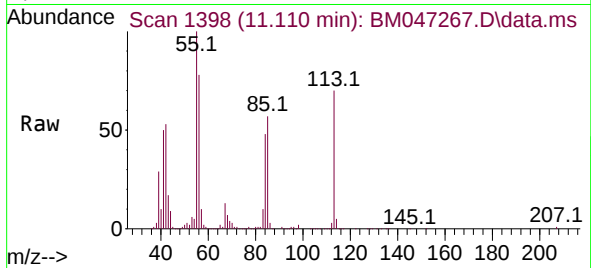
Tgt Ion:225 Resp: 460763  
Ion Ratio Lower Upper  
225 100  
223 61.9 50.2 75.2  
227 62.5 51.4 77.0





#35  
Caprolactam  
Concen: 55.563 ng m  
RT: 11.110 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

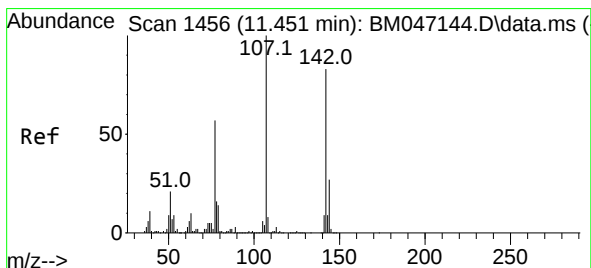
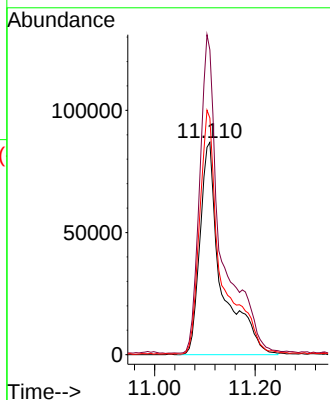
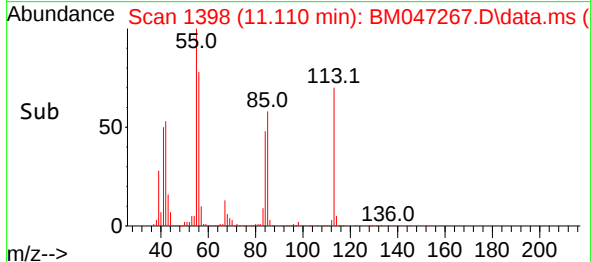
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:113 Resp: 25989  
Ion Ratio Lower Upper  
113 100  
55 143.6 140.5 180.5  
56 111.5 103.6 143.6

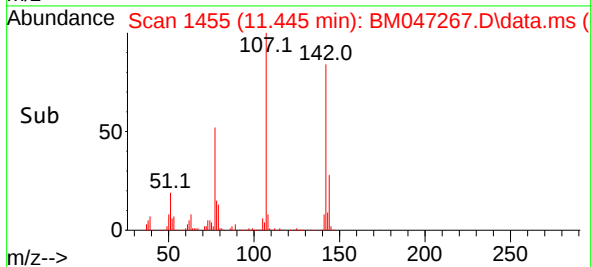
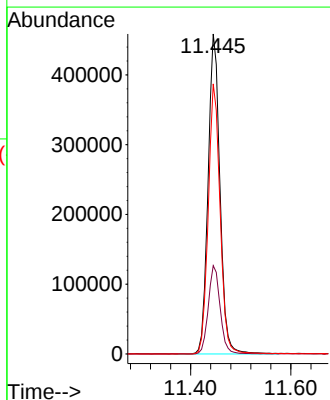
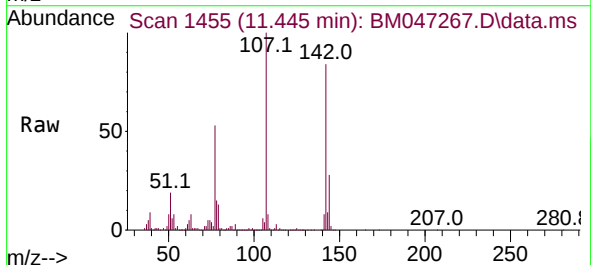
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#36  
4-Chloro-3-methylphenol  
Concen: 52.609 ng  
RT: 11.445 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

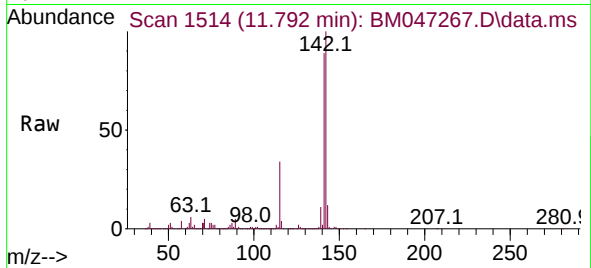
Tgt Ion:107 Resp: 754649  
Ion Ratio Lower Upper  
107 100  
144 27.6 21.8 32.6  
142 84.4 66.8 100.2





#37  
2-Methylnaphthalene  
Concen: 49.320 ng  
RT: 11.792 min Scan# 1152  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

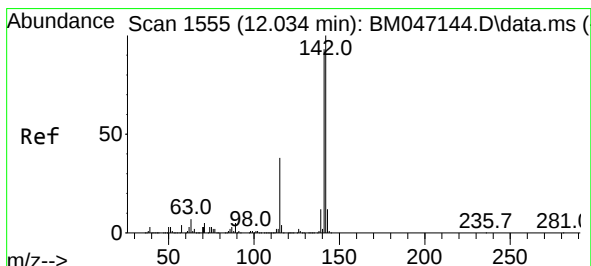
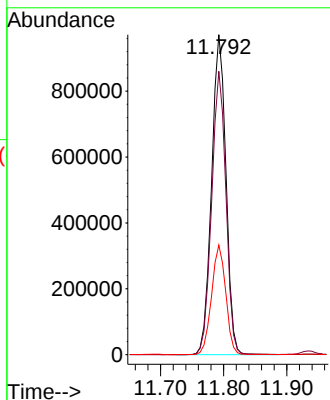
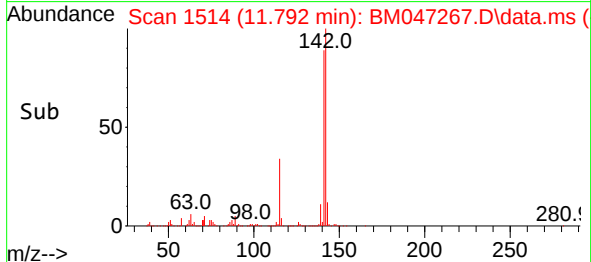
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:142 Resp: 1530740  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.9 106.3  
115 34.3 28.7 43.1

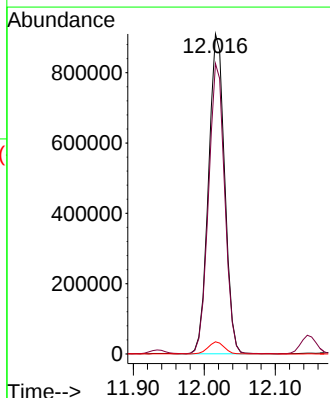
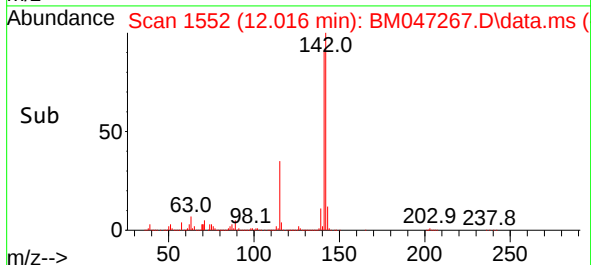
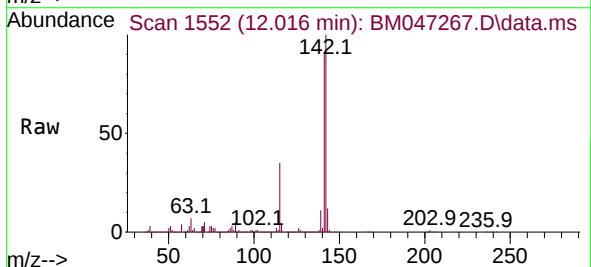
Manual Integrations  
APPROVED

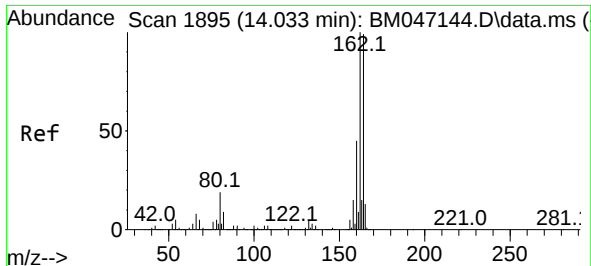
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#38  
1-Methylnaphthalene  
Concen: 46.753 ng  
RT: 12.016 min Scan# 1552  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

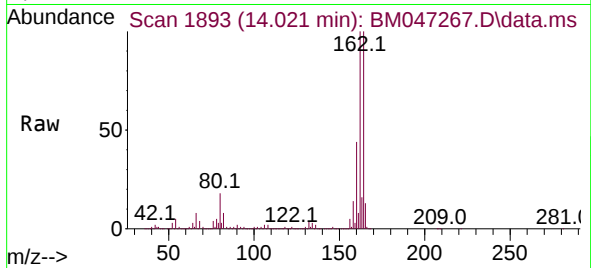
Tgt Ion:142 Resp: 1434100  
Ion Ratio Lower Upper  
142 100  
141 90.8 74.6 111.8  
116 3.8 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.021 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

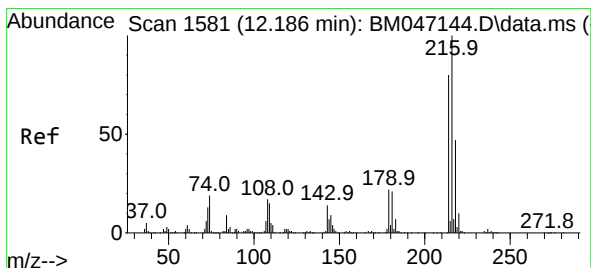
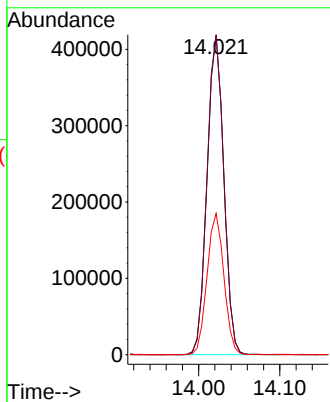
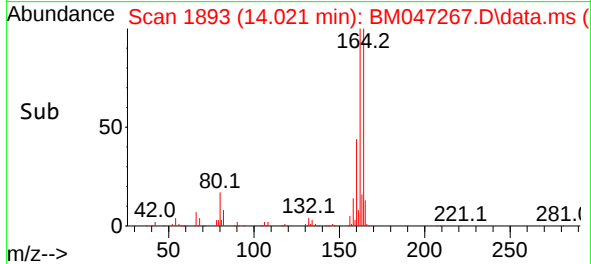
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:164 Resp: 59841  
Ion Ratio Lower Upper  
164 100  
162 100.4 80.7 121.1  
160 44.3 36.0 54.0

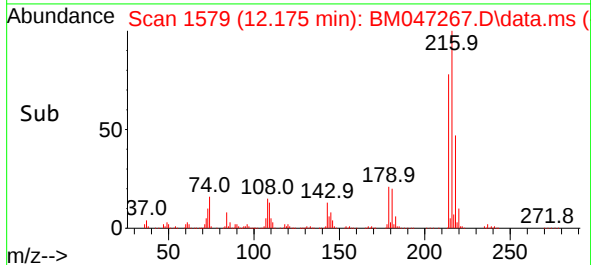
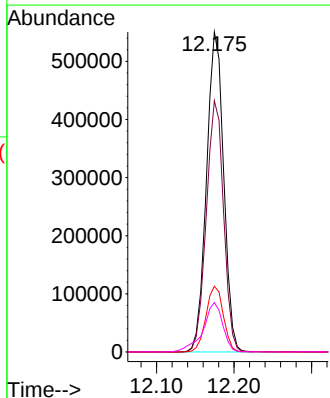
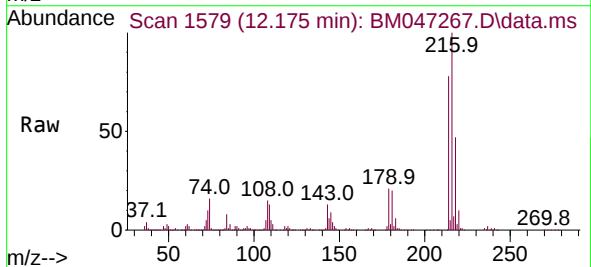
Manual Integrations  
APPROVED

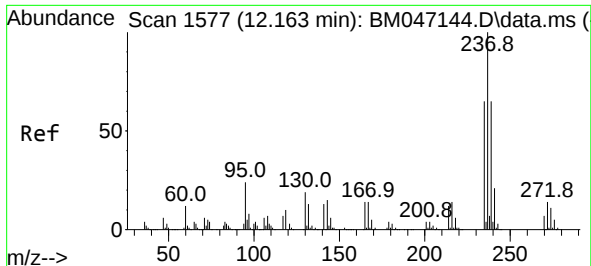
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.832 ng  
RT: 12.175 min Scan# 1579  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

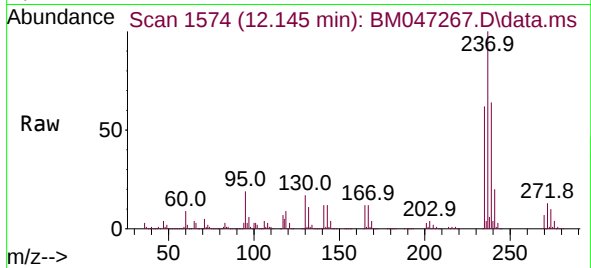
Tgt Ion:216 Resp: 846011  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.4 95.2  
179 20.8 17.6 26.4  
108 17.7 15.1 22.7





#41  
Hexachlorocyclopentadiene  
Concen: 122.799 ng  
RT: 12.145 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

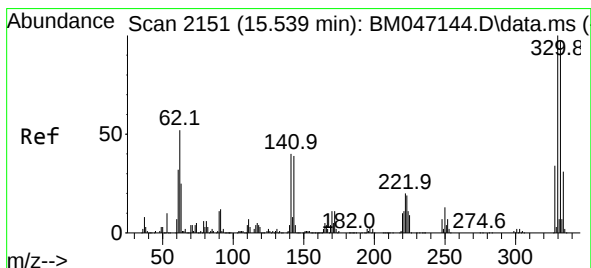
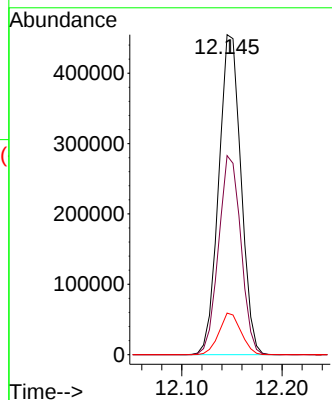
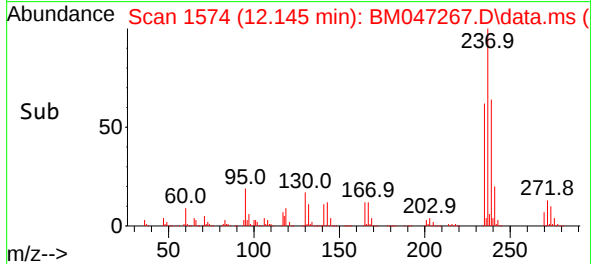
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:237 Resp: 699885  
Ion Ratio Lower Upper  
237 100  
235 62.2 44.8 84.8  
272 13.0 0.0 33.5

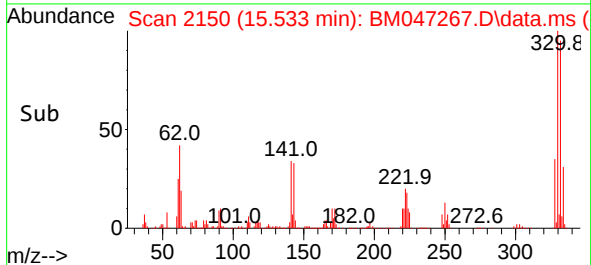
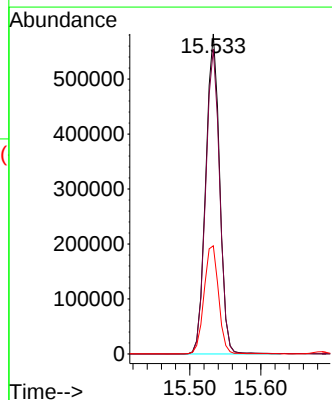
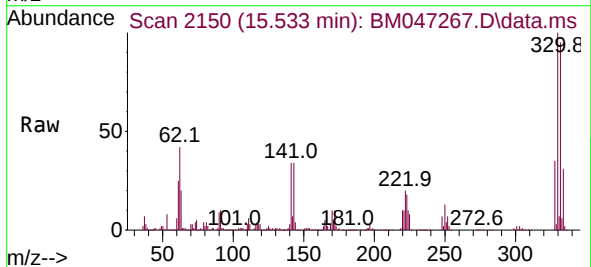
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#42  
2,4,6-Tribromophenol  
Concen: 114.133 ng  
RT: 15.533 min Scan# 2150  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

Tgt Ion:330 Resp: 791934  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.4 116.2  
141 35.4 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 55.629 ng

RT: 12.433 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047267.D

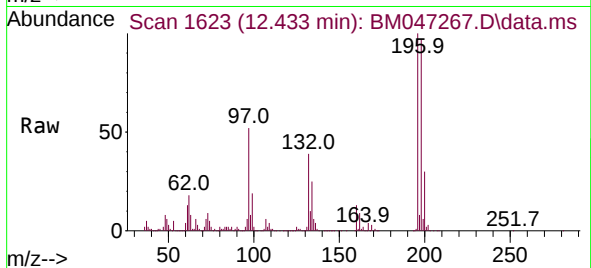
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



Tgt Ion:196 Resp: 645362

Ion Ratio Lower Upper

196 100

198 97.1 75.6 113.4

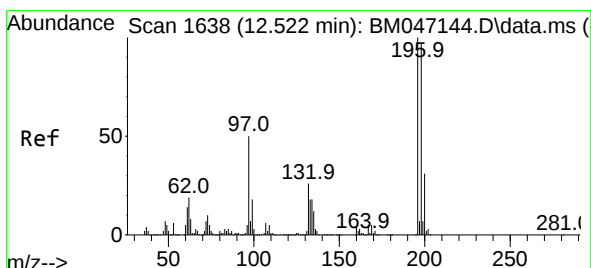
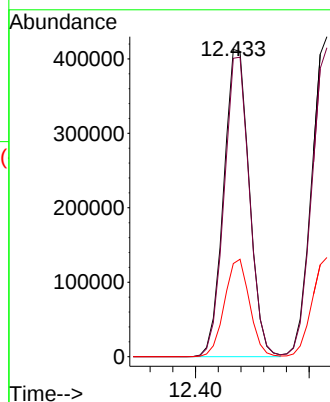
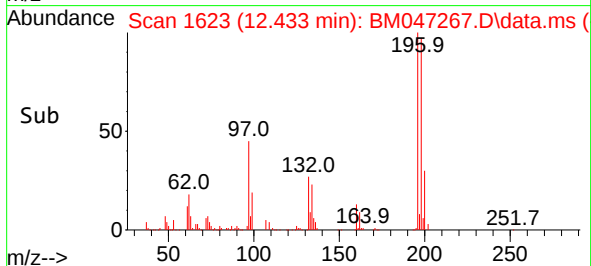
200 30.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#44

2,4,5-Trichlorophenol

Concen: 53.987 ng

RT: 12.516 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Tgt Ion:196 Resp: 695398

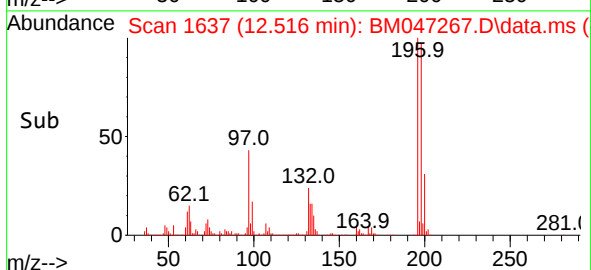
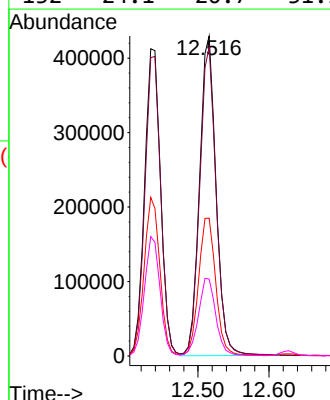
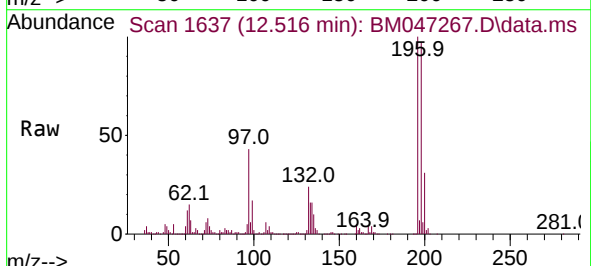
Ion Ratio Lower Upper

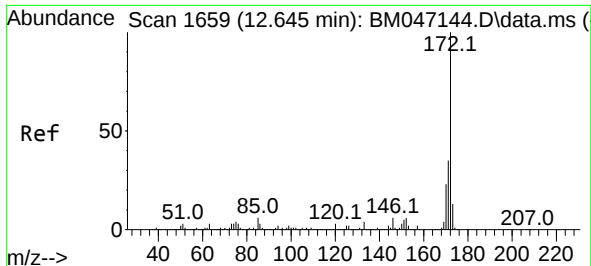
196 100

198 96.6 77.7 116.5

97 43.0 39.8 59.8

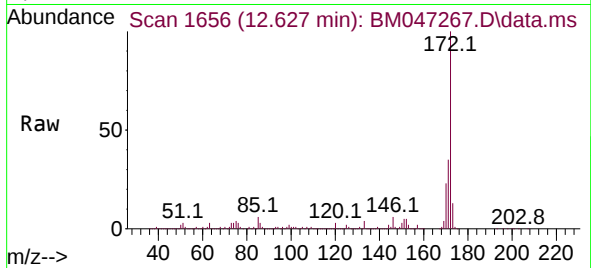
132 24.1 20.7 31.1





#45  
2-Fluorobiphenyl  
Concen: 57.811 ng  
RT: 12.627 min Scan# 1656  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

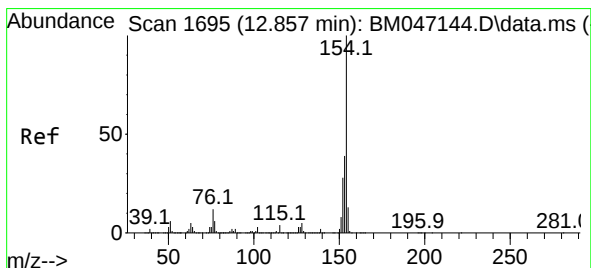
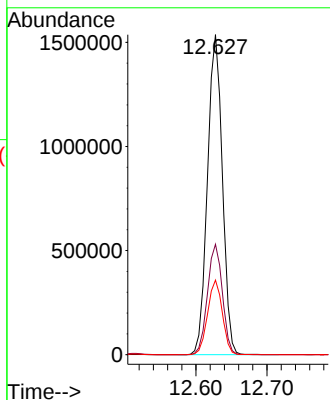
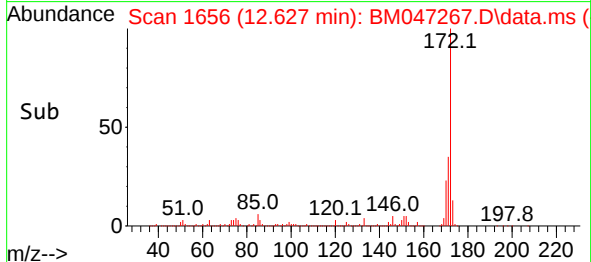
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:172 Resp: 2242759  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.8 41.6  
170 23.3 18.7 28.1

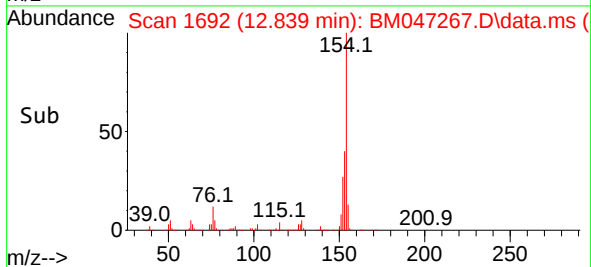
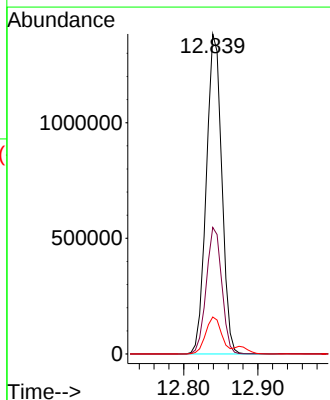
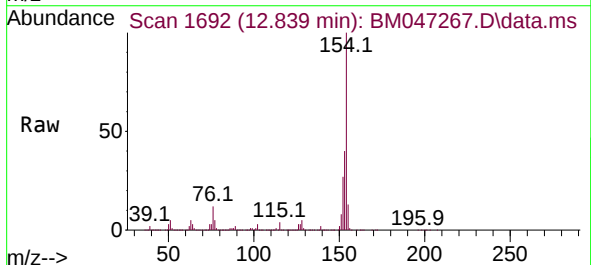
Manual Integrations  
APPROVED

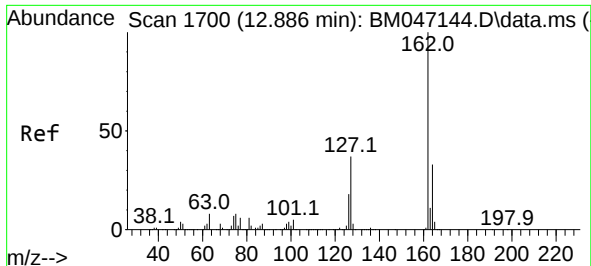
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#46  
1,1'-Biphenyl  
Concen: 47.053 ng  
RT: 12.839 min Scan# 1692  
Delta R.T. -0.018 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

Tgt Ion:154 Resp: 2004544  
Ion Ratio Lower Upper  
154 100  
153 39.5 19.0 59.0  
76 11.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 46.666 ng

RT: 12.874 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047267.D

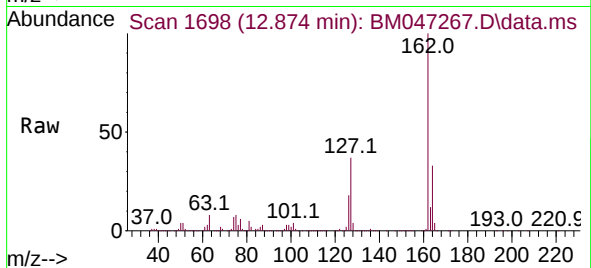
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



Tgt Ion:162 Resp: 155389

Ion Ratio Lower Upper

162 100

127 36.6 30.0 45.0

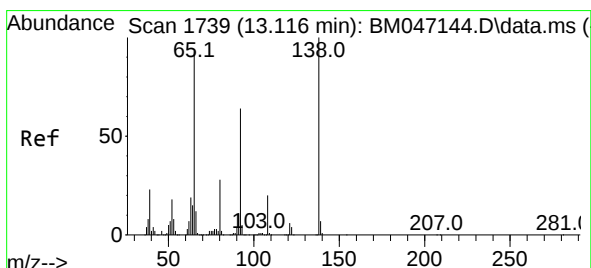
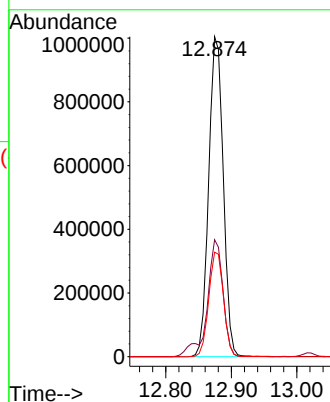
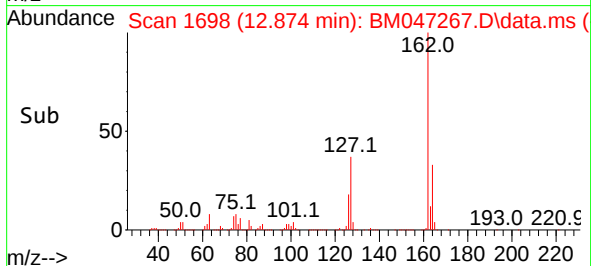
164 32.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#48

2-Nitroaniline

Concen: 48.962 ng

RT: 13.104 min Scan# 1737

Delta R.T. -0.012 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

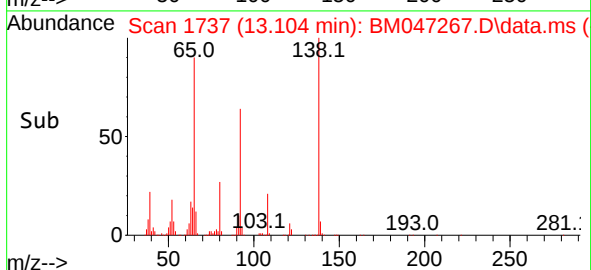
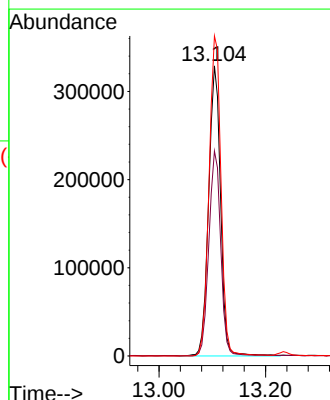
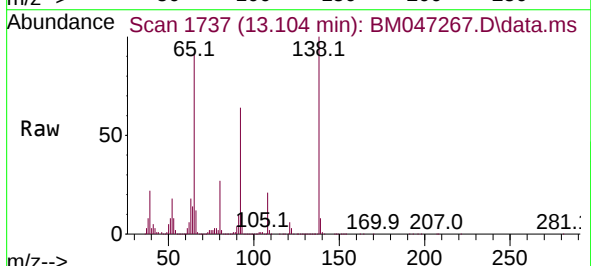
Tgt Ion: 65 Resp: 510758

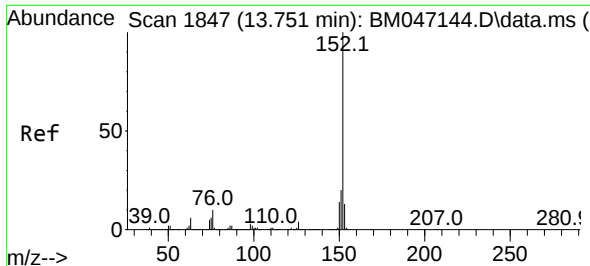
Ion Ratio Lower Upper

65 100

92 70.7 55.1 82.7

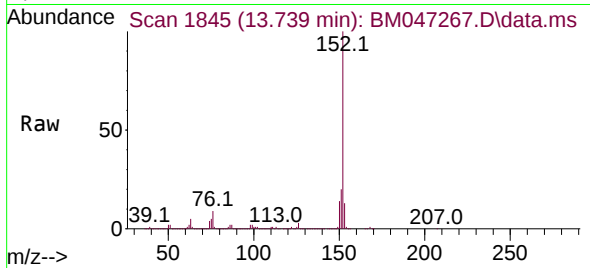
138 110.3 85.9 128.9





#49  
Acenaphthylene  
Concen: 51.835 ng  
RT: 13.739 min Scan# 1845  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

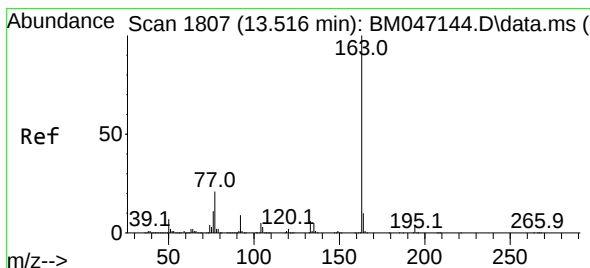
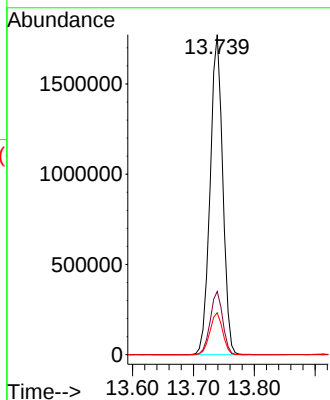
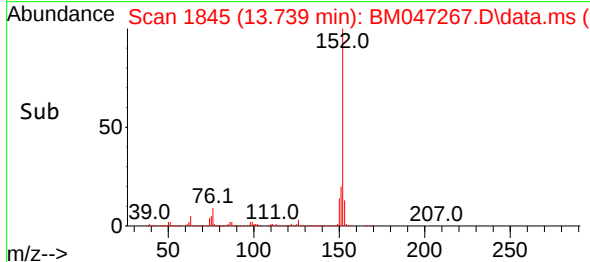
Instrument : BNA\_M  
ClientSampleId : 932-K1-SD-0-0.5-081524MS



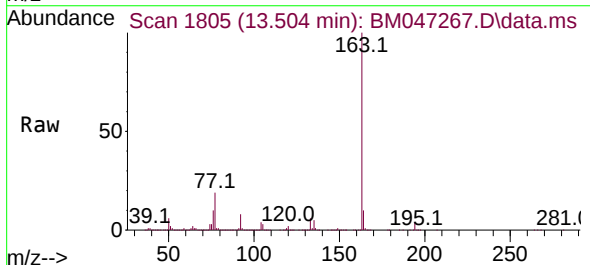
Tgt Ion:152 Resp: 254416  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.6  
153 13.1 10.4 15.6

Manual Integrations  
APPROVED

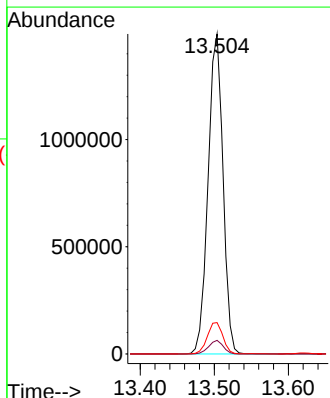
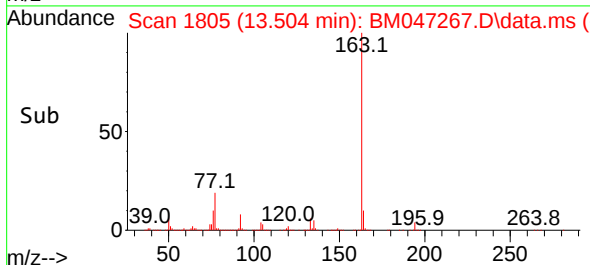
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024

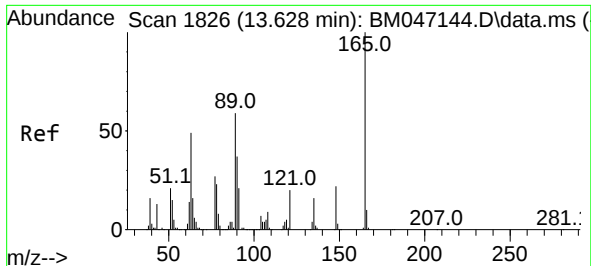


#50  
Dimethylphthalate  
Concen: 49.856 ng  
RT: 13.504 min Scan# 1805  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



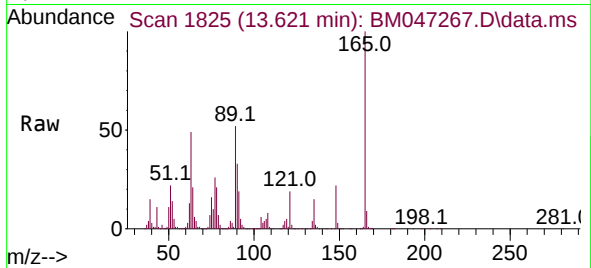
Tgt Ion:163 Resp: 2083674  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.6  
164 9.8 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 48.310 ng  
RT: 13.621 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

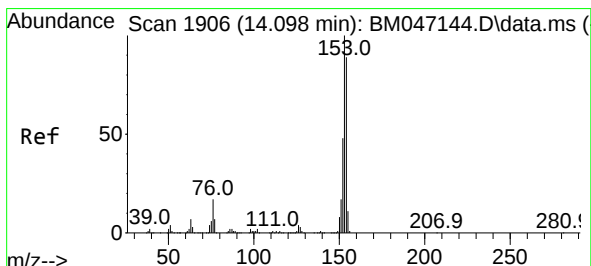
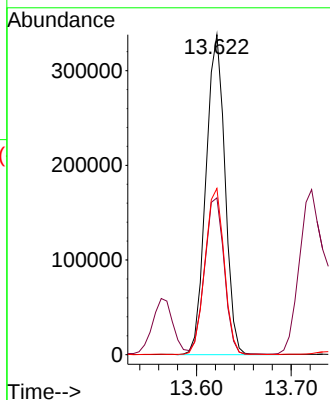
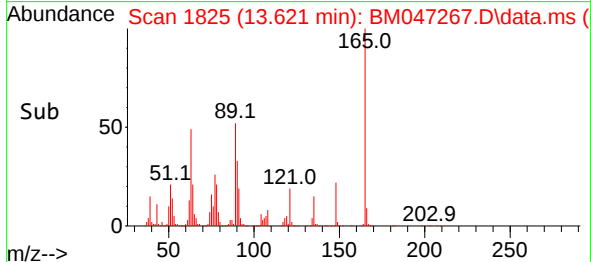
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:165 Resp: 471984  
Ion Ratio Lower Upper  
165 100  
63 49.0 46.5 69.7  
89 52.0 47.3 70.9

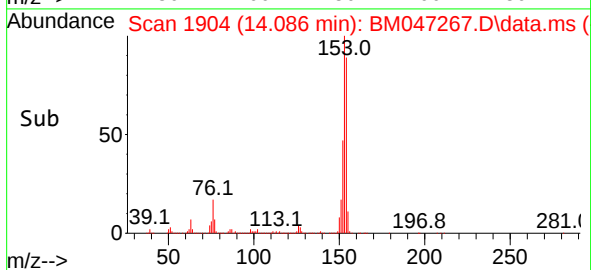
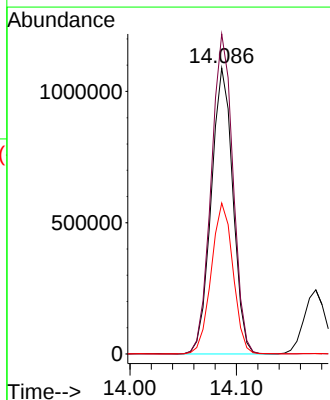
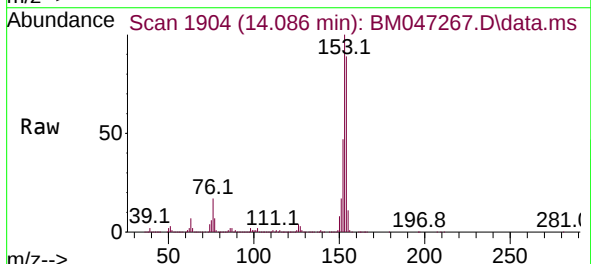
Manual Integrations  
APPROVED

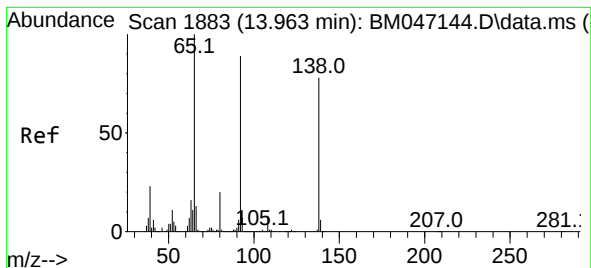
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#52  
Acenaphthene  
Concen: 49.398 ng  
RT: 14.086 min Scan# 1904  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

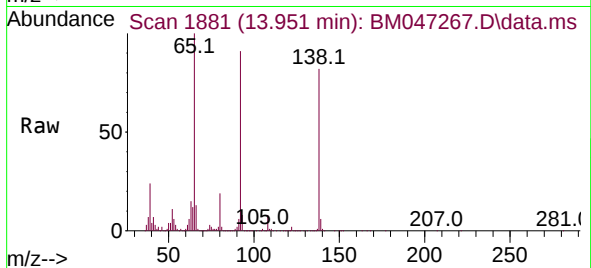
Tgt Ion:154 Resp: 1537980  
Ion Ratio Lower Upper  
154 100  
153 111.9 90.3 135.5  
152 52.8 42.9 64.3





#53  
3-Nitroaniline  
Concen: 35.993 ng  
RT: 13.951 min Scan# 1881  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

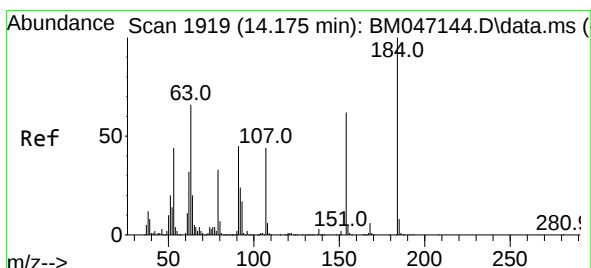
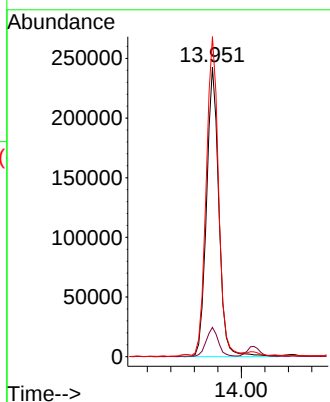
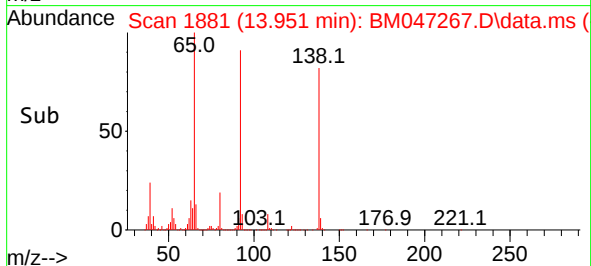
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:138 Resp: 35236  
Ion Ratio Lower Upper  
138 100  
108 10.1 7.9 11.9  
92 110.5 92.0 138.0

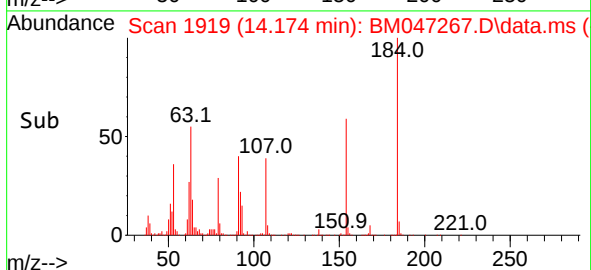
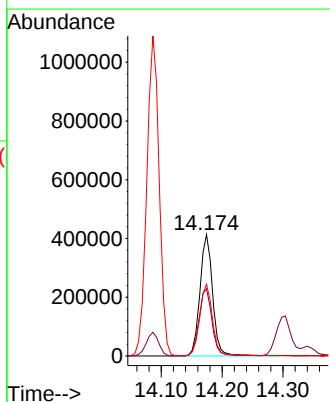
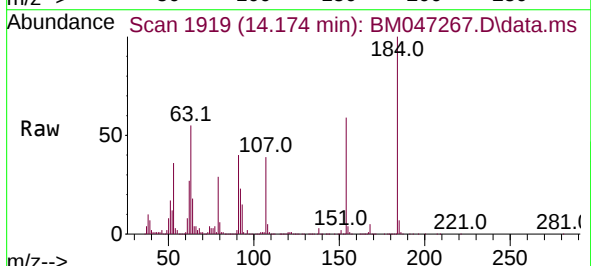
Manual Integrations  
APPROVED

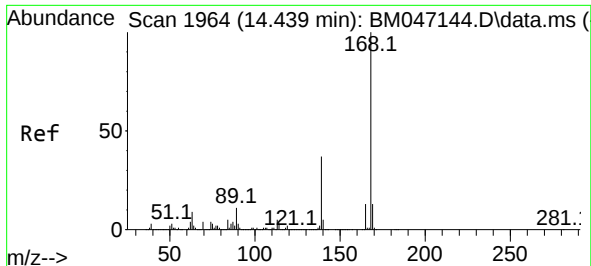
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#54  
2,4-Dinitrophenol  
Concen: 102.338 ng  
RT: 14.174 min Scan# 1919  
Delta R.T. -0.001 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

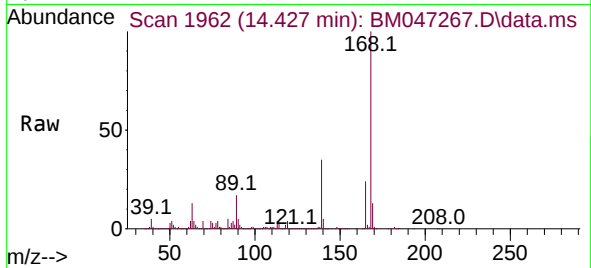
Tgt Ion:184 Resp: 599241  
Ion Ratio Lower Upper  
184 100  
63 55.3 52.7 79.1  
154 59.1 50.4 75.6





#55  
Dibenzenofuran  
Concen: 49.524 ng  
RT: 14.427 min Scan# 1964  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

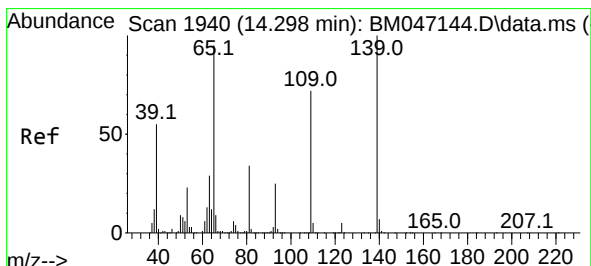
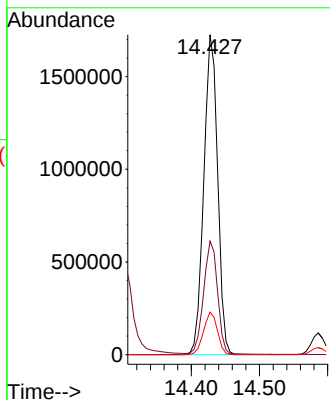
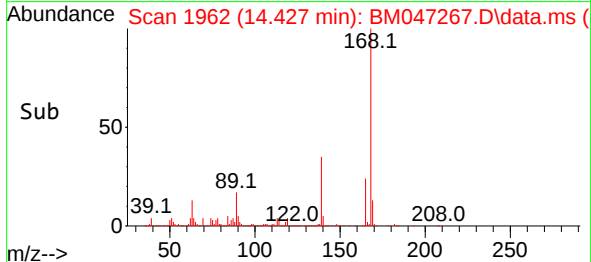
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:168 Resp: 243548  
Ion Ratio Lower Upper  
168 100  
139 35.5 29.6 44.4  
169 13.3 10.7 16.1

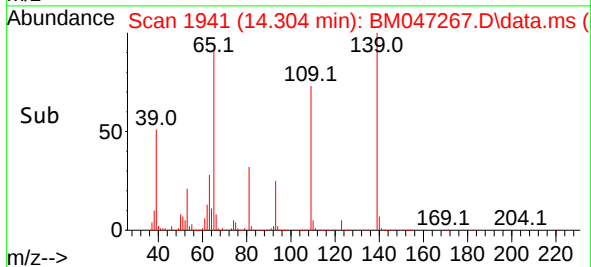
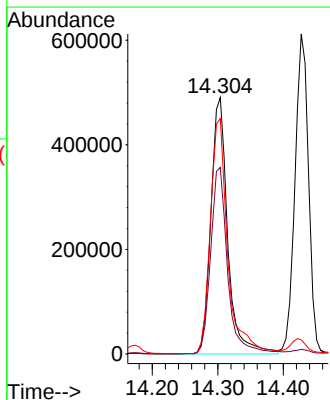
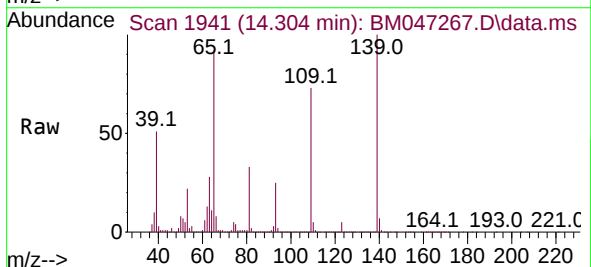
Manual Integrations  
APPROVED

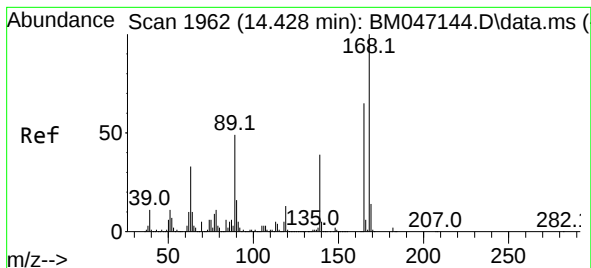
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#56  
4-Nitrophenol  
Concen: 103.199 ng  
RT: 14.304 min Scan# 1941  
Delta R.T. 0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

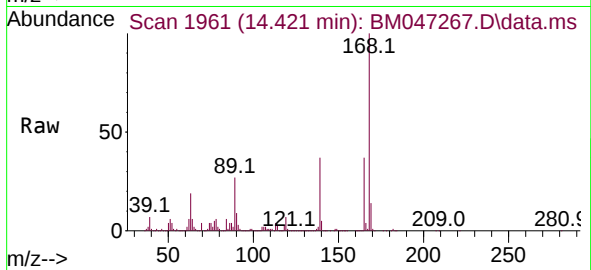
Tgt Ion:139 Resp: 871185  
Ion Ratio Lower Upper  
139 100  
109 72.7 52.5 92.5  
65 91.8 75.4 115.4





#57  
2,4-Dinitrotoluene  
Concen: 49.295 ng  
RT: 14.421 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

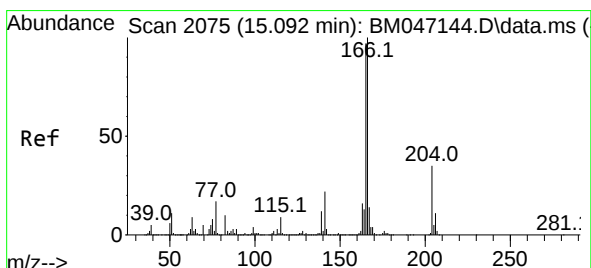
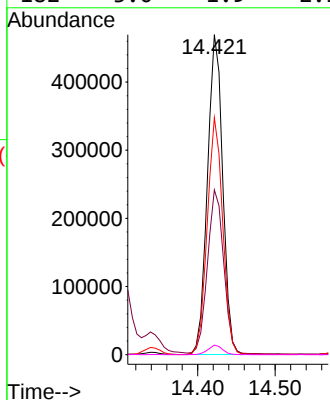
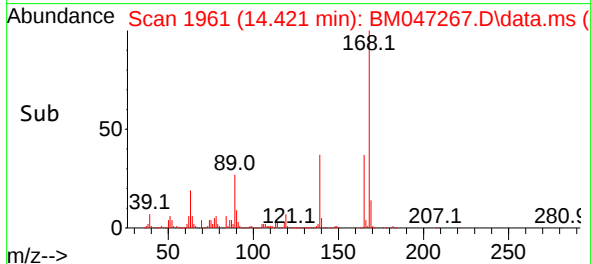
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:165 Resp: 642828  
Ion Ratio Lower Upper  
165 100  
63 51.5 40.3 60.5  
89 74.1 61.0 91.6  
182 3.0 1.9 2.9#

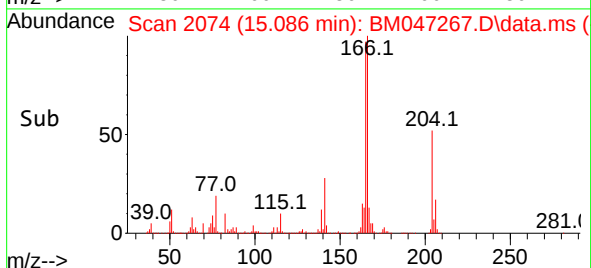
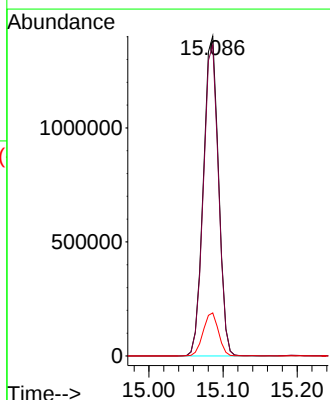
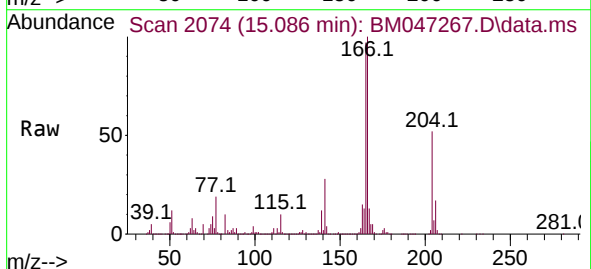
Manual Integrations  
APPROVED

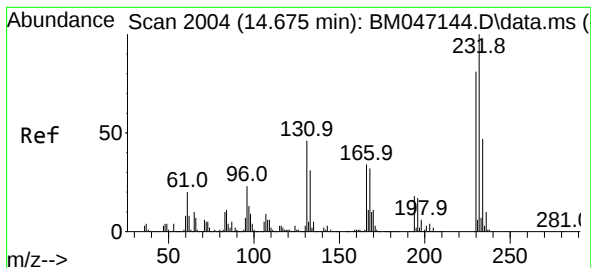
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#58  
Fluorene  
Concen: 49.146 ng  
RT: 15.086 min Scan# 2074  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

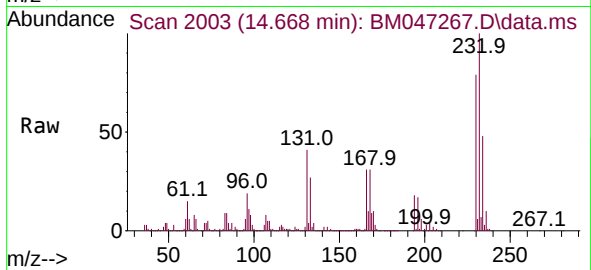
Tgt Ion:166 Resp: 1994196  
Ion Ratio Lower Upper  
166 100  
165 97.2 77.4 116.0  
167 13.5 11.0 16.6





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 58.157 ng  
RT: 14.668 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

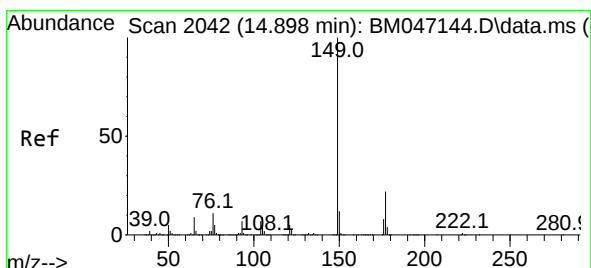
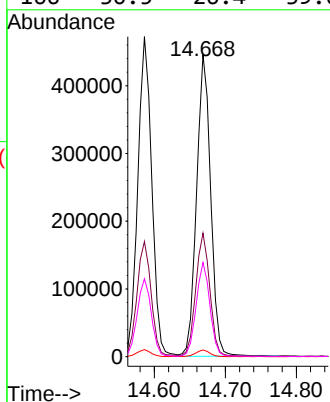
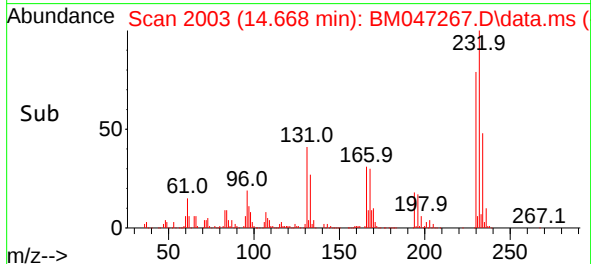
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



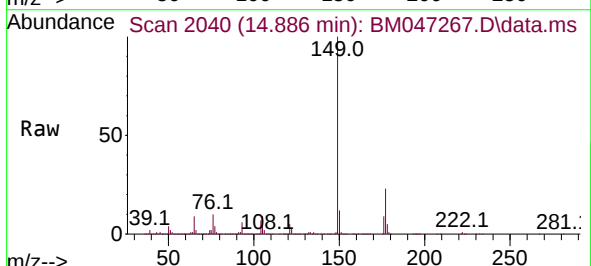
Tgt Ion:232 Resp: 61566  
Ion Ratio Lower Upper  
232 100  
131 41.4 36.9 55.3  
130 2.2 2.0 3.0  
166 30.5 26.4 39.6

Manual Integrations  
APPROVED

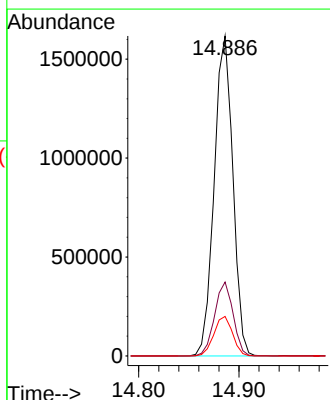
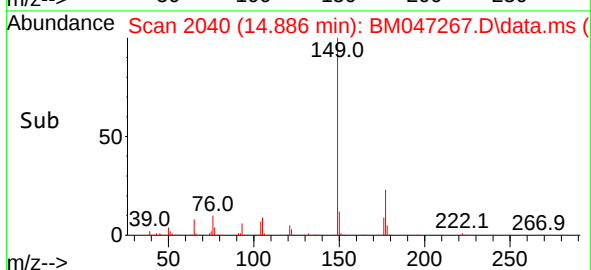
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024

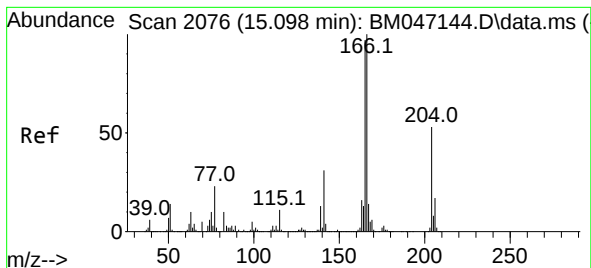


#60  
Diethylphthalate  
Concen: 48.865 ng  
RT: 14.886 min Scan# 2040  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



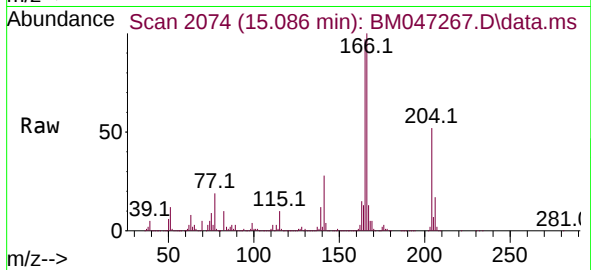
Tgt Ion:149 Resp: 2085510  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.6 26.4  
150 12.3 9.8 14.6





#61  
4-Chlorophenyl-phenylether  
Concen: 50.710 ng  
RT: 15.086 min Scan# 2076  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

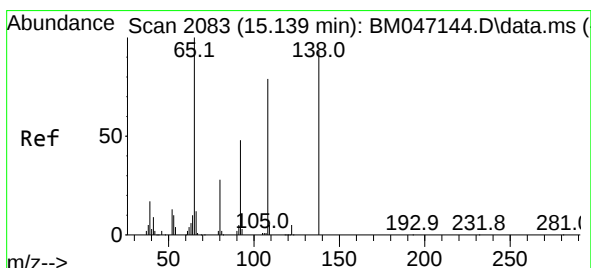
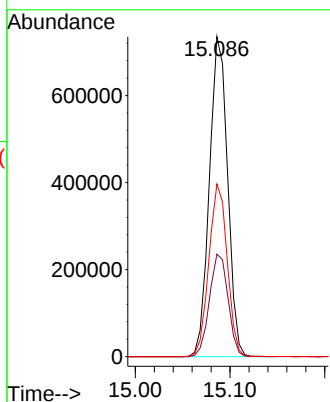
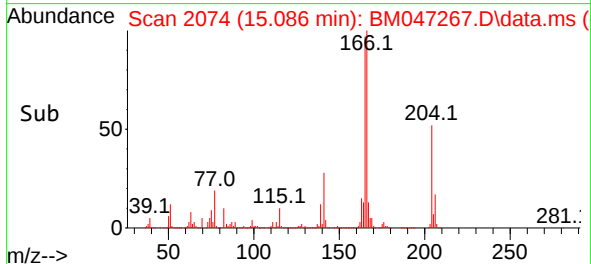
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



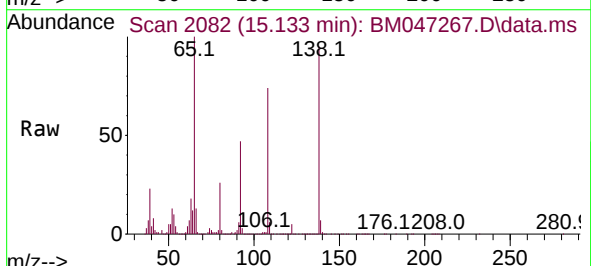
Tgt Ion:204 Resp: 979624  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.2 39.4  
141 53.9 47.2 70.8

Manual Integrations  
APPROVED

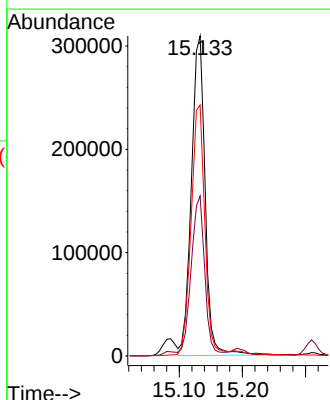
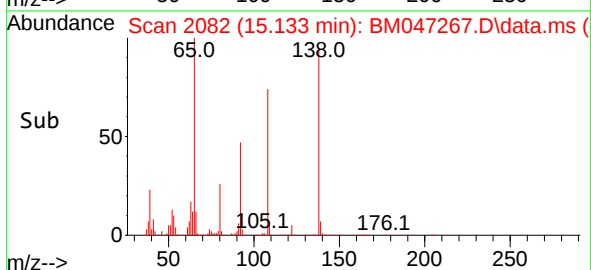
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024

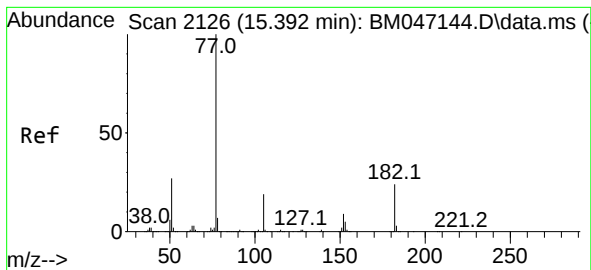


#62  
4-Nitroaniline  
Concen: 48.538 ng  
RT: 15.133 min Scan# 2082  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



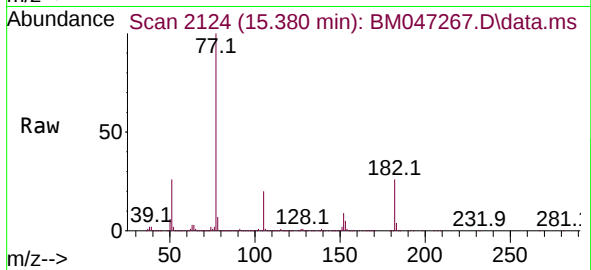
Tgt Ion:138 Resp: 468127  
Ion Ratio Lower Upper  
138 100  
92 50.0 31.9 71.9  
108 78.5 63.8 103.8





#63  
Azobenzene  
Concen: 46.471 ng  
RT: 15.380 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

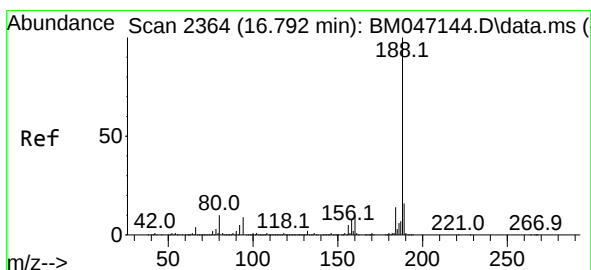
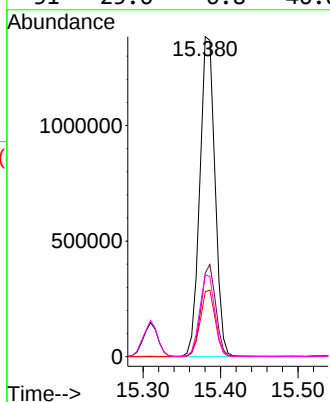
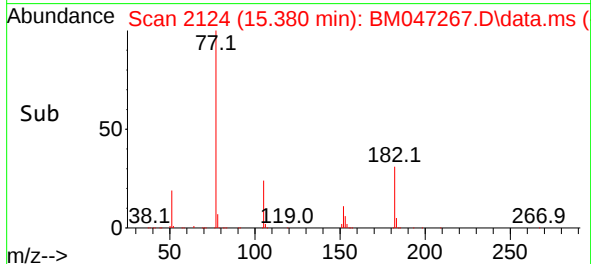
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion: 77 Resp: 1880518  
Ion Ratio Lower Upper  
77 100  
182 26.1 3.8 43.8  
105 20.3 0.0 39.5  
51 25.6 6.8 46.8

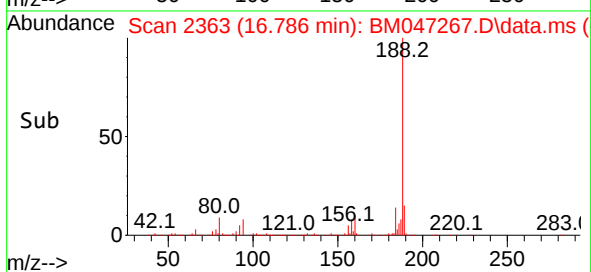
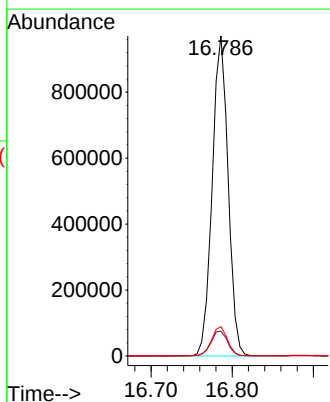
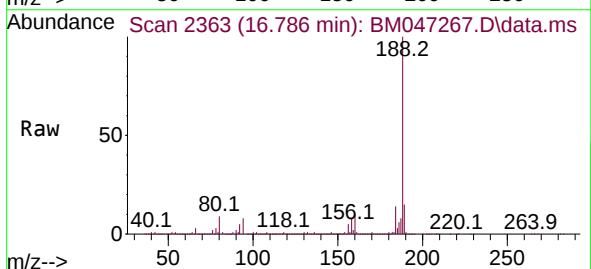
Manual Integrations  
APPROVED

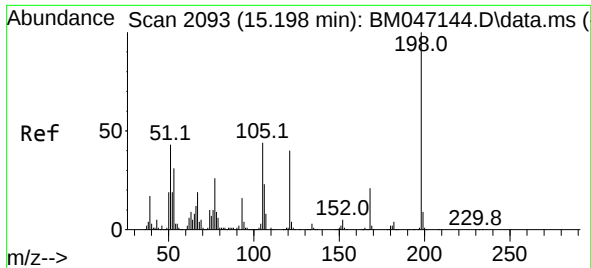
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.786 min Scan# 2363  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

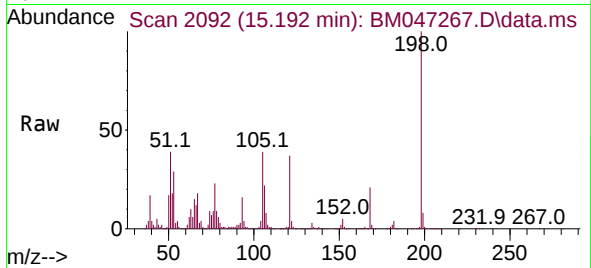
Tgt Ion:188 Resp: 1318664  
Ion Ratio Lower Upper  
188 100  
94 7.7 7.0 10.6  
80 9.2 8.0 12.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.873 ng  
RT: 15.192 min Scan# 2092  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

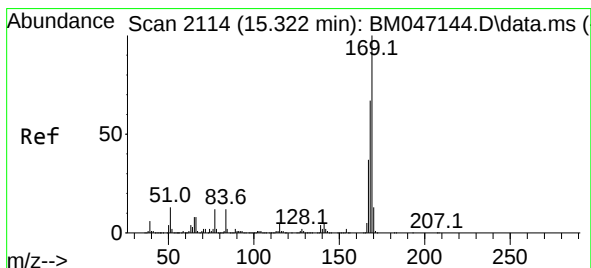
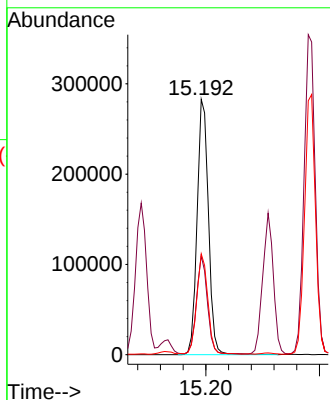
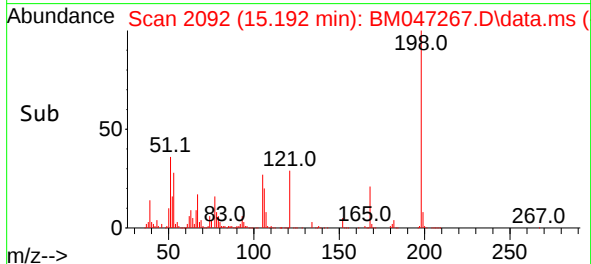
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



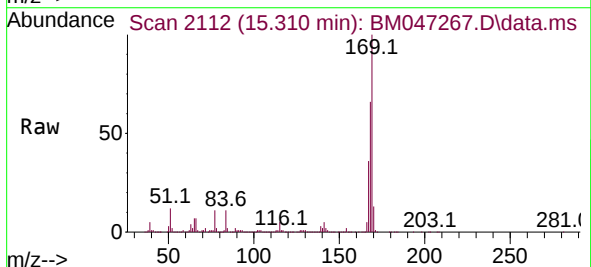
Tgt Ion:198 Resp: 392768  
Ion Ratio Lower Upper  
198 100  
51 38.7 23.9 63.9  
105 39.5 24.3 64.3

Manual Integrations  
APPROVED

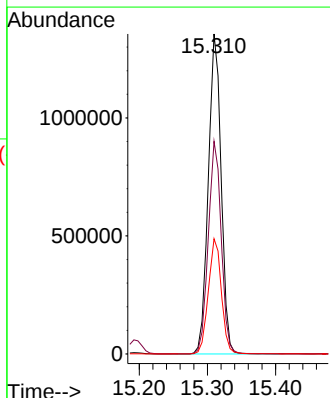
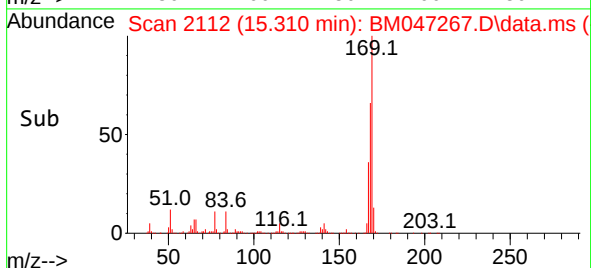
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024

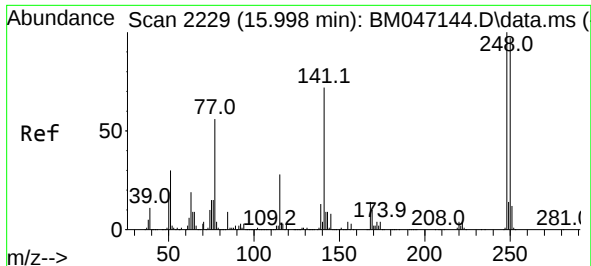


#66  
n-Nitrosodiphenylamine  
Concen: 49.497 ng  
RT: 15.310 min Scan# 2112  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



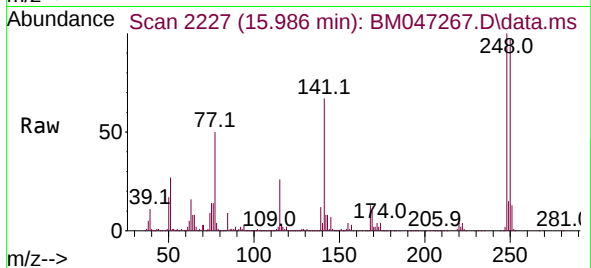
Tgt Ion:169 Resp: 1777793  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.8 80.8  
167 36.0 29.3 43.9





#67  
4-Bromophenyl-phenylether  
Concen: 51.273 ng  
RT: 15.986 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

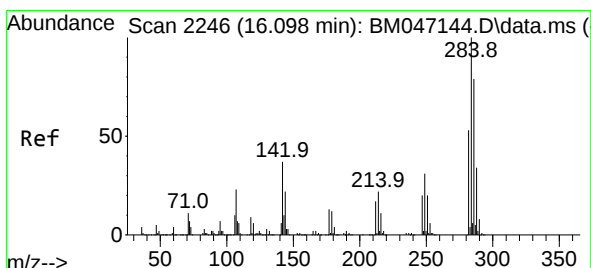
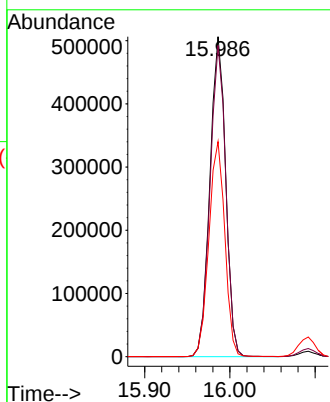
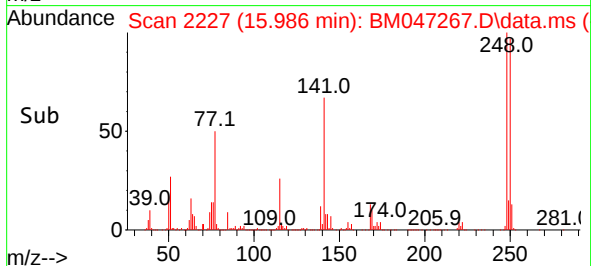
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:248 Resp: 65151  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.8 116.8  
141 67.2 57.7 86.5

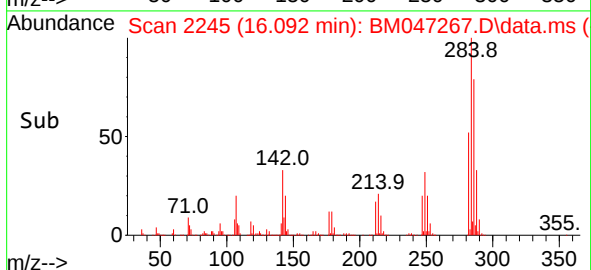
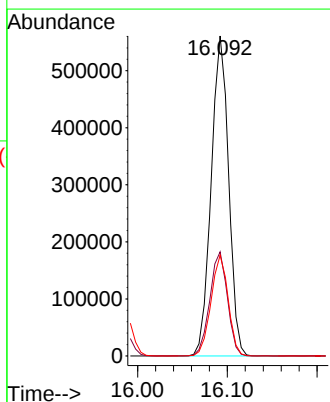
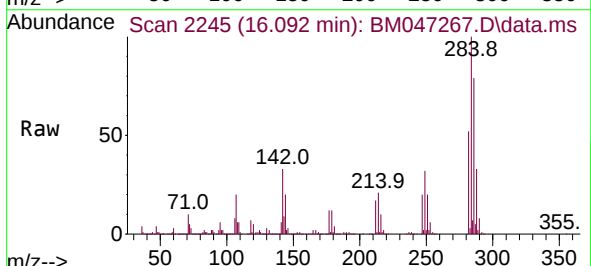
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#68  
Hexachlorobenzene  
Concen: 49.702 ng  
RT: 16.092 min Scan# 2245  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

Tgt Ion:284 Resp: 756384  
Ion Ratio Lower Upper  
284 100  
142 32.5 29.4 44.0  
249 31.5 25.1 37.7





#69

Atrazine

Concen: 65.587 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047267.D

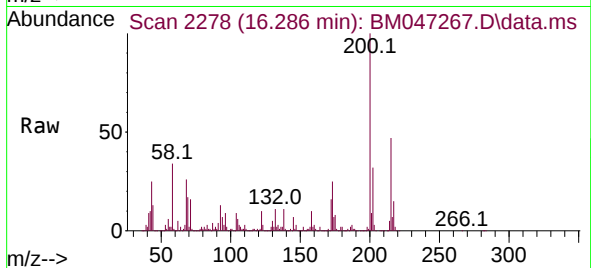
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



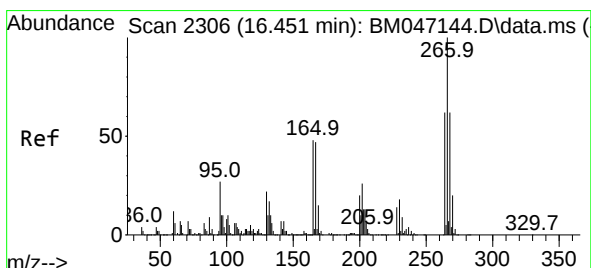
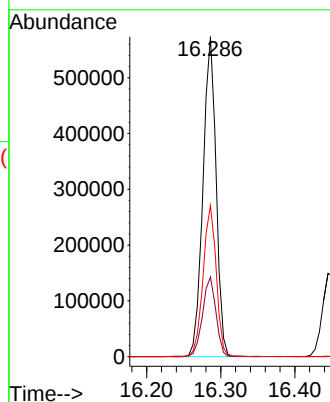
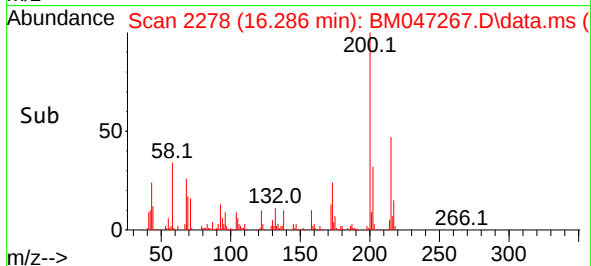
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 70886 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 24.9  | 6.1   | 46.1  |
| 215       | 47.2  | 26.8  | 66.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#70

Pentachlorophenol

Concen: 101.804 ng

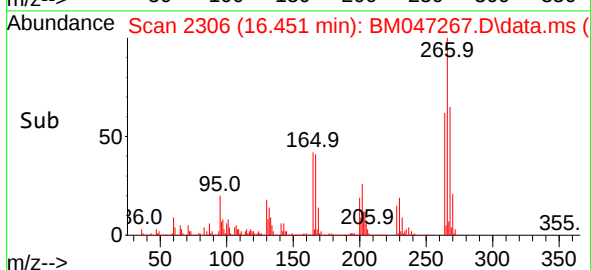
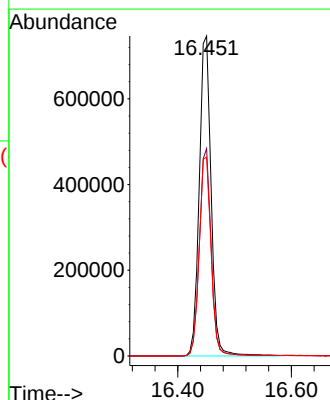
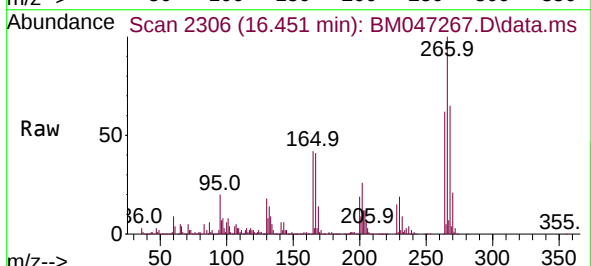
RT: 16.451 min Scan# 2306

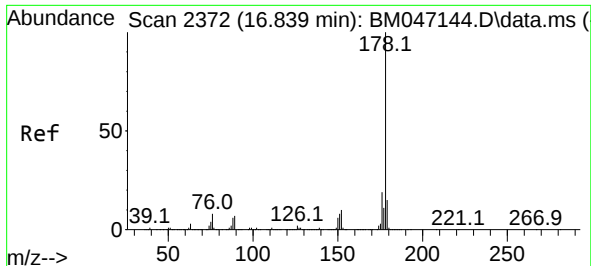
Delta R.T. -0.000 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

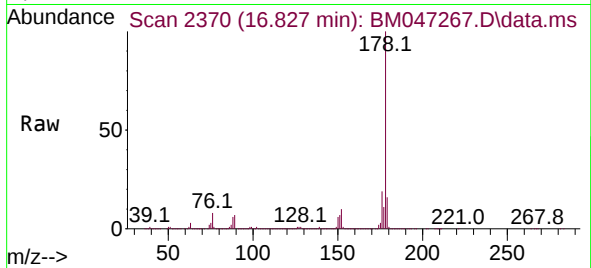
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 266   | Resp: | 1086035 |
| Ion Ratio | Lower | Upper |         |
| 266       | 100   |       |         |
| 268       | 64.8  | 49.8  | 74.6    |
| 264       | 62.1  | 49.6  | 74.4    |





#71  
Phenanthrene  
Concen: 49.742 ng  
RT: 16.827 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

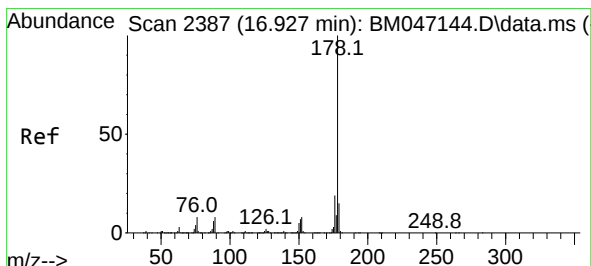
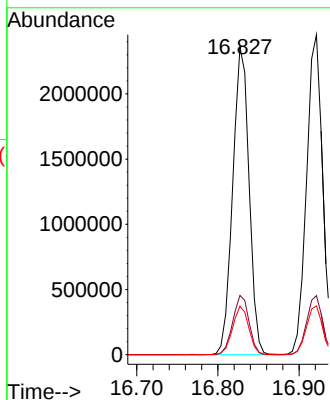
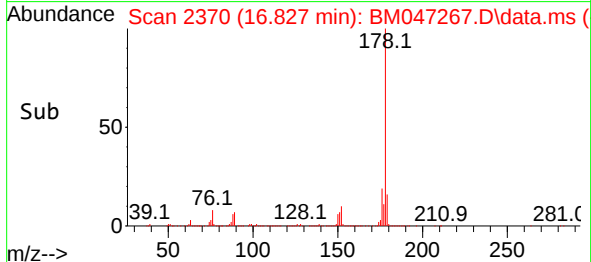
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



Tgt Ion:178 Resp: 3291854  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.3 22.9  
179 15.8 12.4 18.6

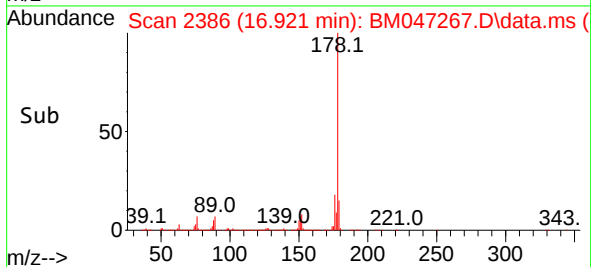
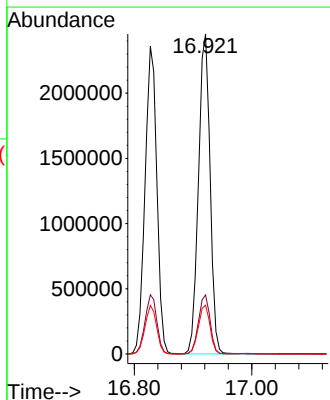
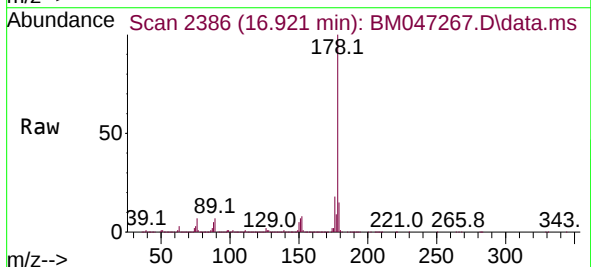
Manual Integrations  
APPROVED

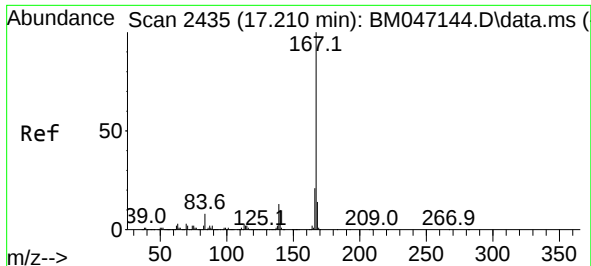
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024



#72  
Anthracene  
Concen: 52.254 ng  
RT: 16.921 min Scan# 2386  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

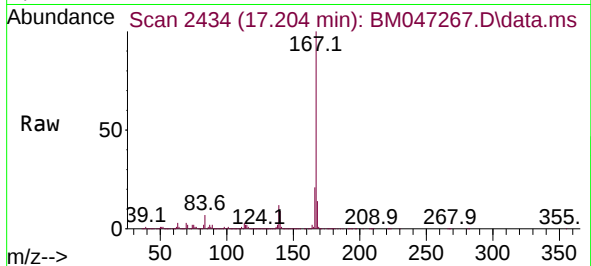
Tgt Ion:178 Resp: 3364784  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.3 12.4 18.6





#73  
 Carbazole  
 Concen: 48.885 ng  
 RT: 17.204 min Scan# 2435  
 Delta R.T. -0.006 min  
 Lab File: BM047267.D  
 Acq: 20 Aug 2024 12:07

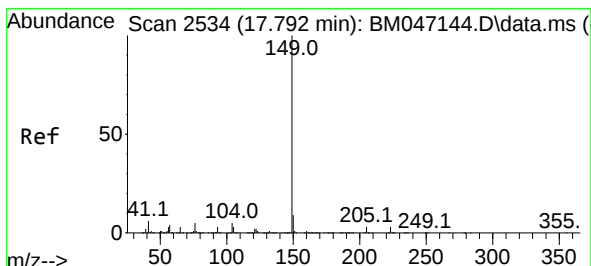
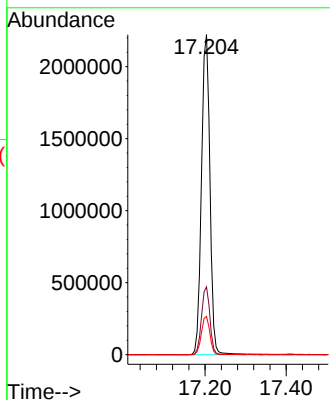
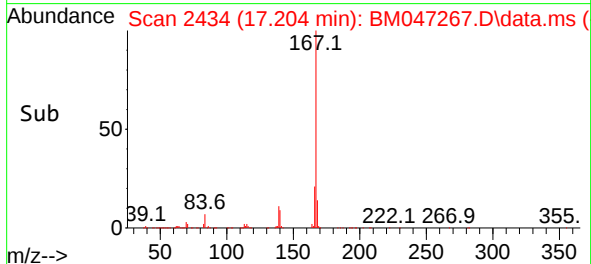
Instrument :  
 BNA\_M  
 ClientSampleId :  
 932-K1-SD-0-0.5-081524MS



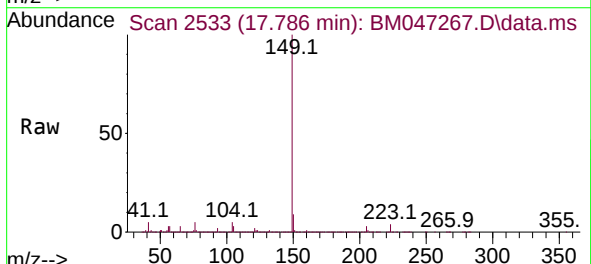
Tgt Ion:167 Resp: 321400  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.1 25.7  
 139 11.9 10.0 15.0

Manual Integrations  
 APPROVED

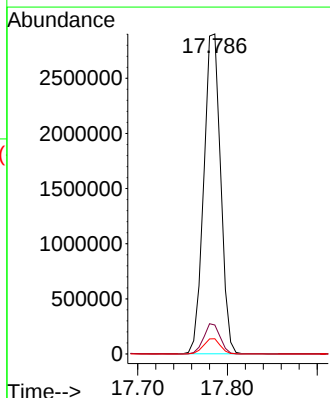
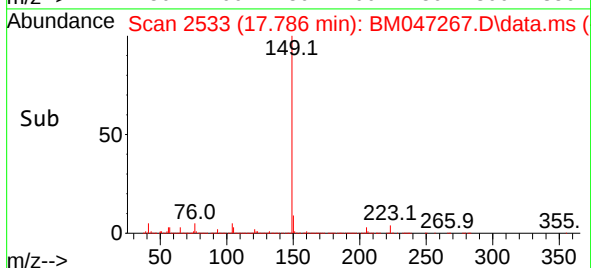
Reviewed By :Yogesh Patel 08/21/2024  
 Supervised By :mohammad ahmed 08/22/2024

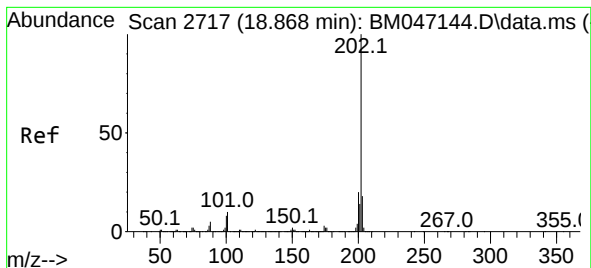


#74  
 Di-n-butylphthalate  
 Concen: 49.387 ng  
 RT: 17.786 min Scan# 2533  
 Delta R.T. -0.006 min  
 Lab File: BM047267.D  
 Acq: 20 Aug 2024 12:07



Tgt Ion:149 Resp: 3778178  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.5 11.3  
 104 4.7 4.1 6.1





#75

Fluoranthene

Concen: 49.804 ng

RT: 18.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047267.D

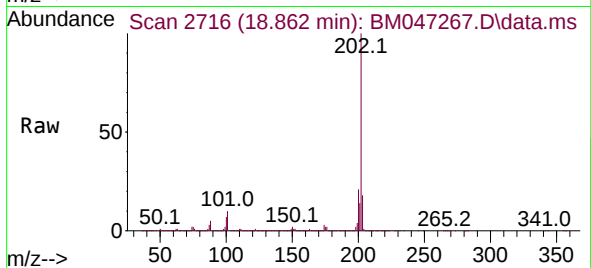
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



Tgt Ion:202 Resp: 400899

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.2

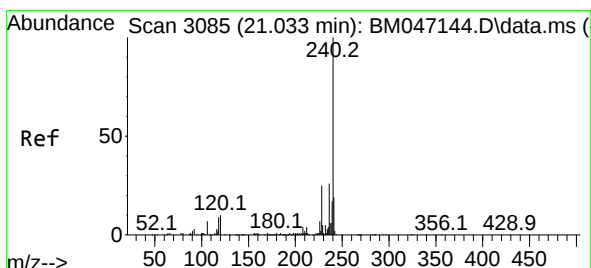
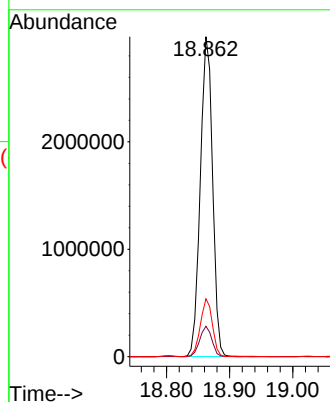
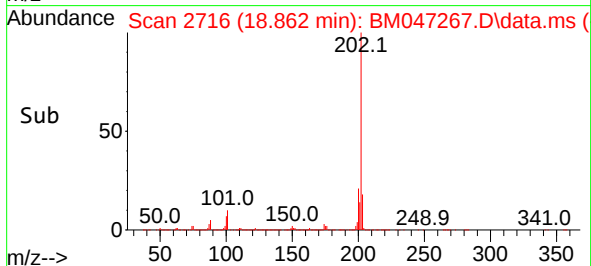
203 18.1 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

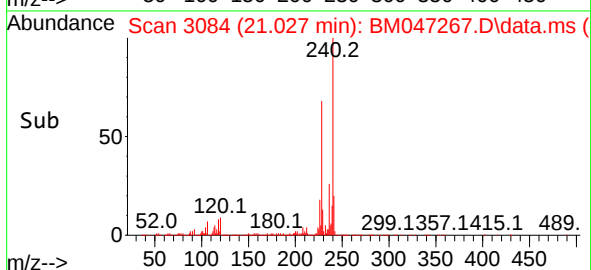
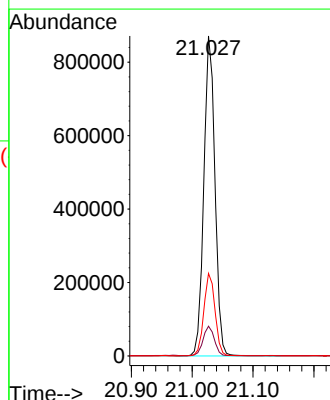
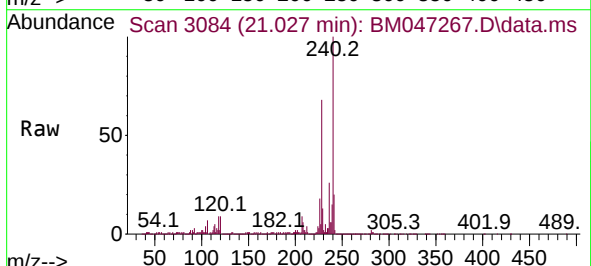
Tgt Ion:240 Resp: 1107344

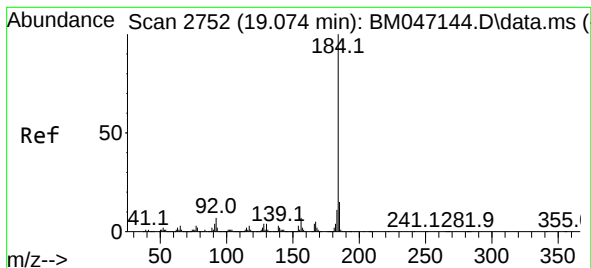
Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

236 25.8 20.6 30.8





#77

Benzidine

Concen: 90.141 ng

RT: 19.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047267.D

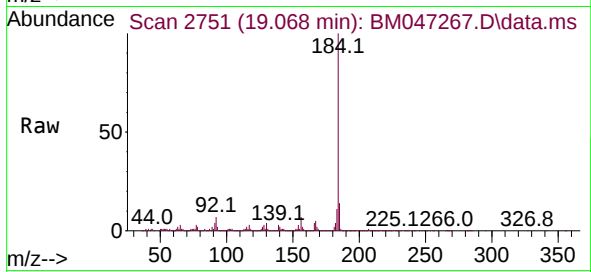
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



Tgt Ion:184 Resp: 169274

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

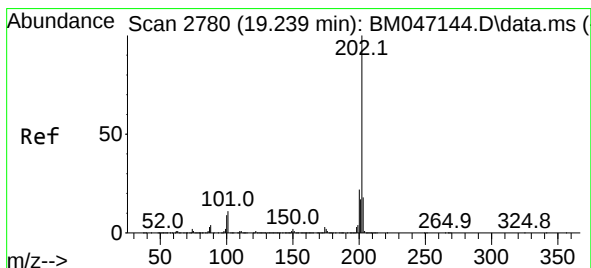
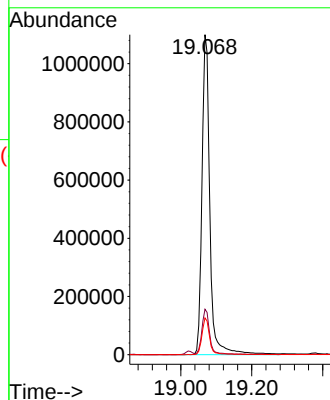
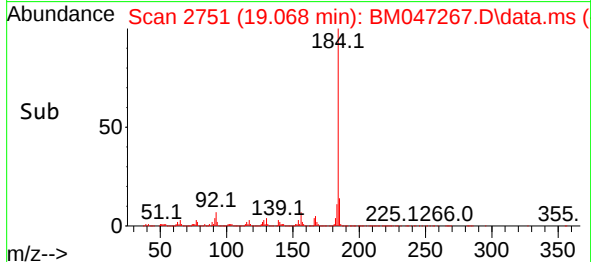
183 11.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#78

Pyrene

Concen: 53.236 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

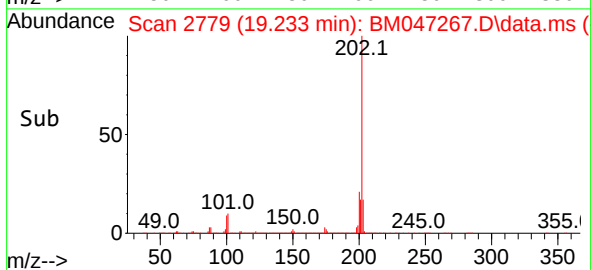
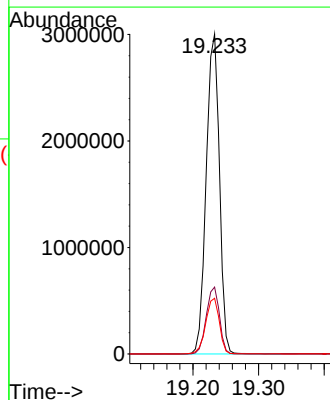
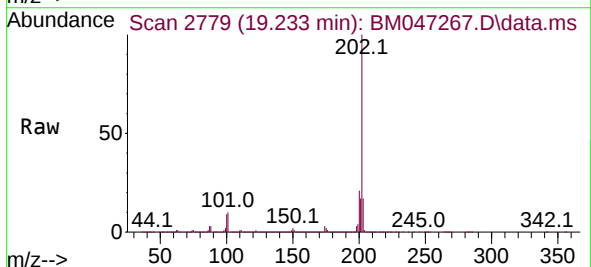
Tgt Ion:202 Resp: 4209207

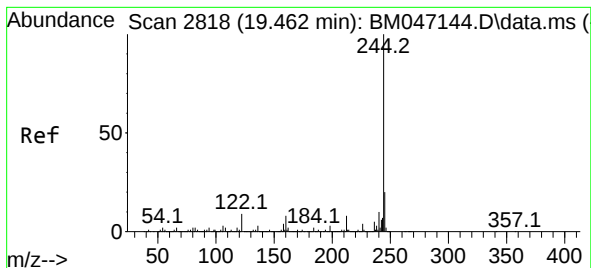
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 58.641 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047267.D

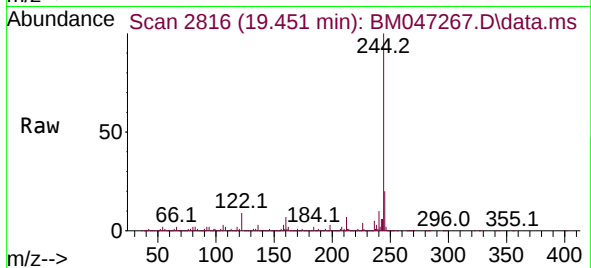
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



Tgt Ion:244 Resp: 303048

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

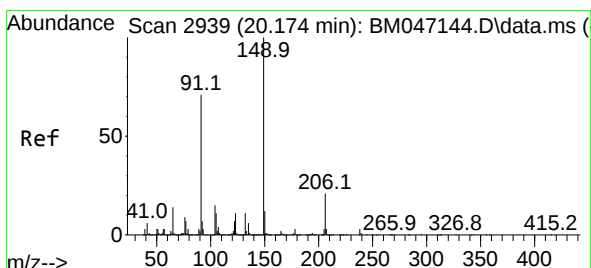
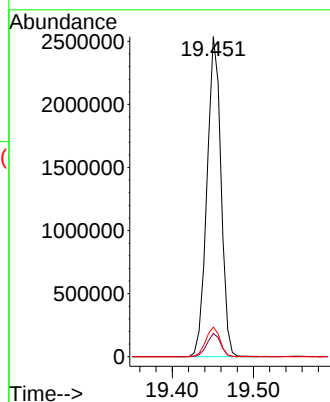
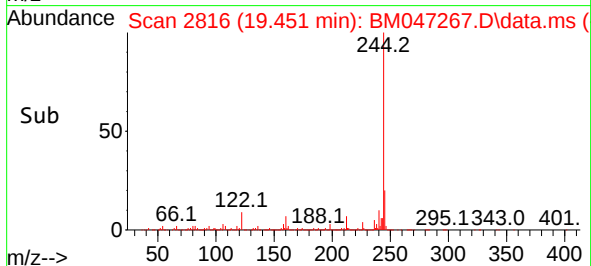
122 9.3 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#80

Butylbenzylphthalate

Concen: 56.663 ng

RT: 20.168 min Scan# 2938

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

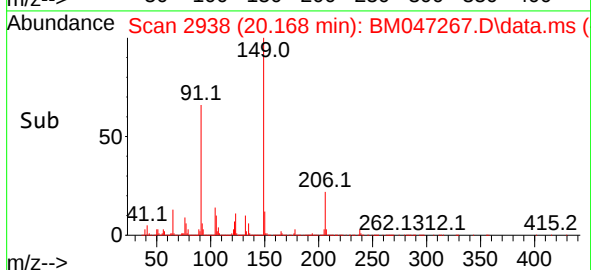
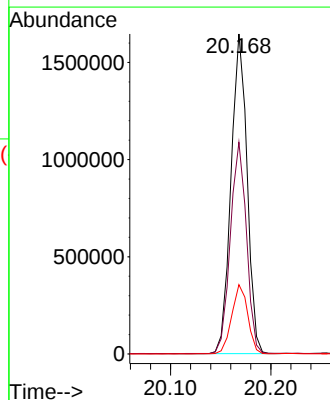
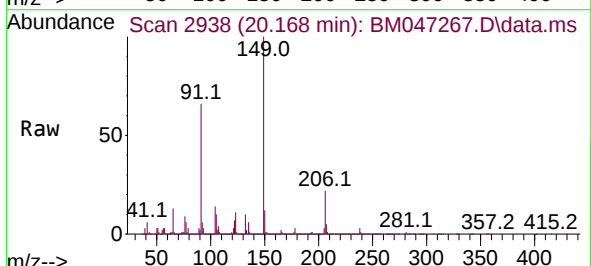
Tgt Ion:149 Resp: 1828369

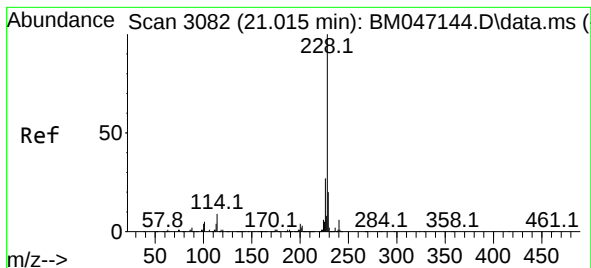
Ion Ratio Lower Upper

149 100

91 66.1 57.0 85.4

206 21.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.577 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM047267.D

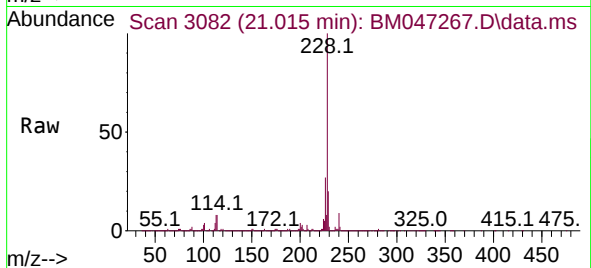
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



Tgt Ion:228 Resp: 371798

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

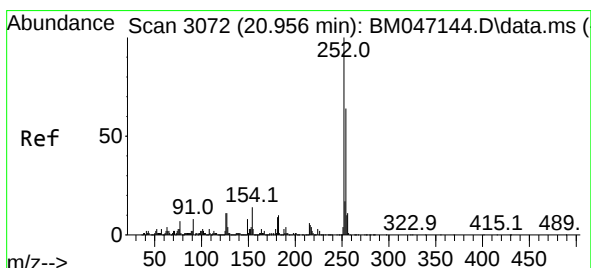
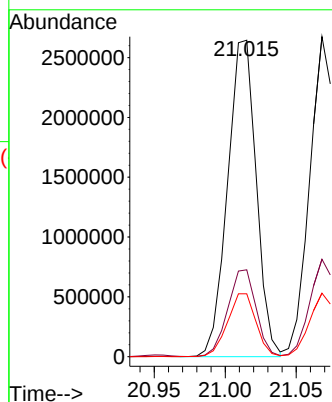
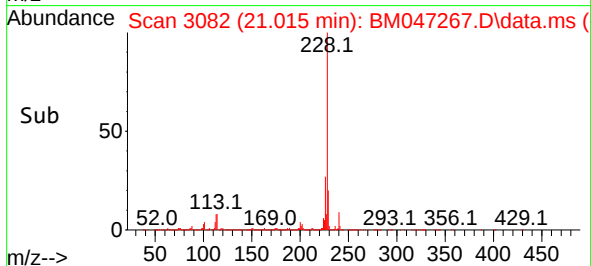
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 46.790 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

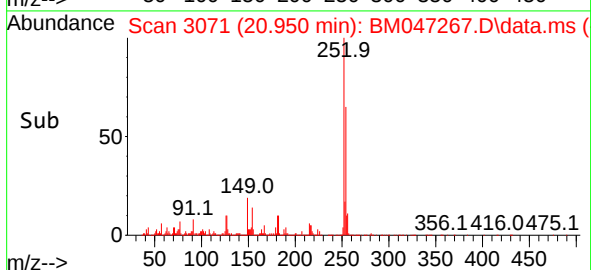
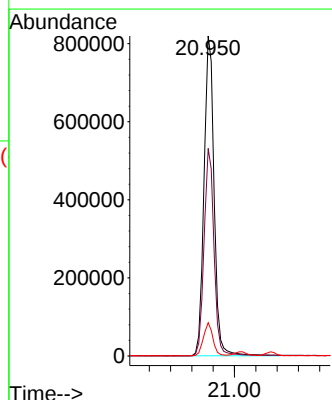
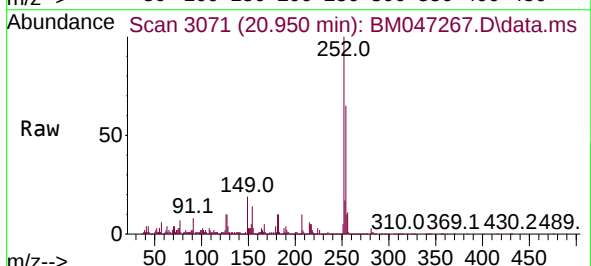
Tgt Ion:252 Resp: 1076202

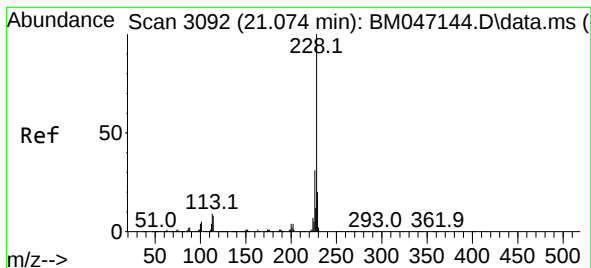
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

126 10.4 8.5 12.7





#83

Chrysene

Concen: 49.428 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

Tgt Ion:228 Resp: 344741

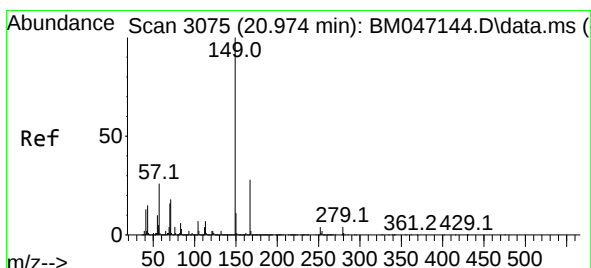
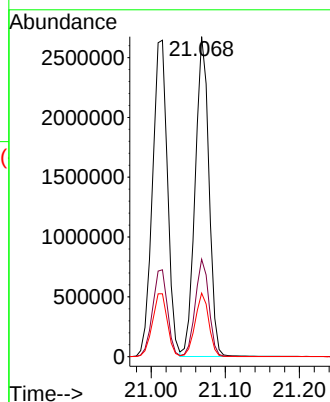
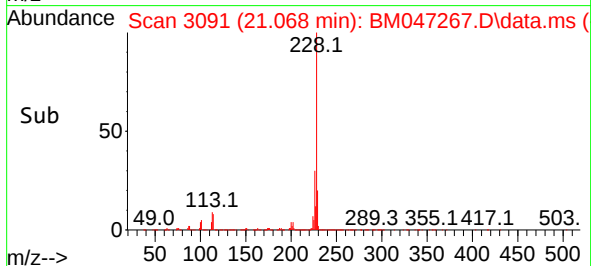
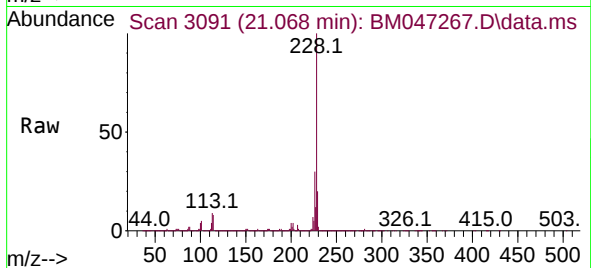
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.5  | 24.4  | 36.6  |
| 229 | 19.9  | 15.7  | 23.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.390 ng

RT: 20.968 min Scan# 3074

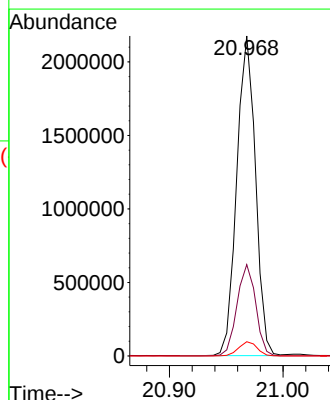
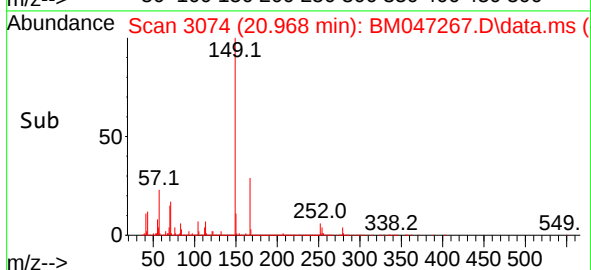
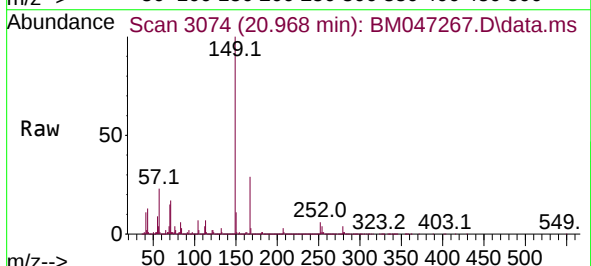
Delta R.T. -0.006 min

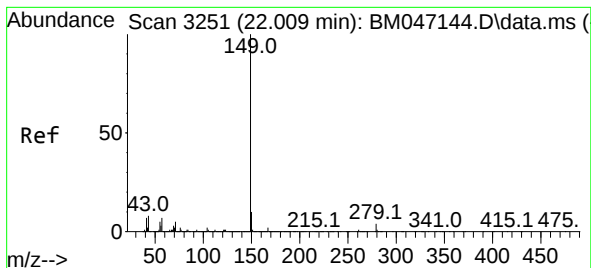
Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Tgt Ion:149 Resp: 2488923

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.6  | 22.2  | 33.2  |
| 279 | 4.5   | 3.0   | 4.4#  |





#85

Di-n-octyl phthalate

Concen: 56.264 ng

RT: 21.997 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047267.D

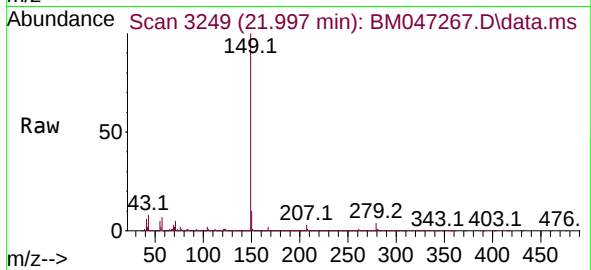
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



Tgt Ion:149 Resp: 4376210

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

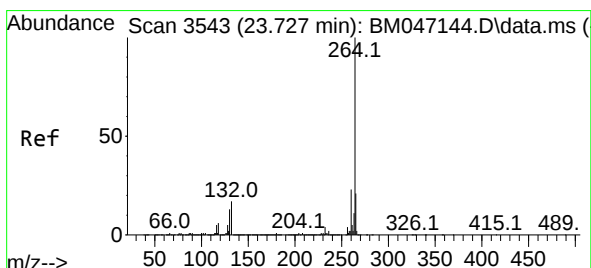
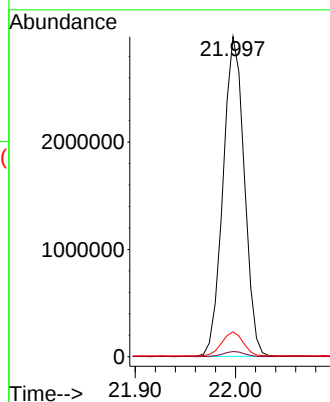
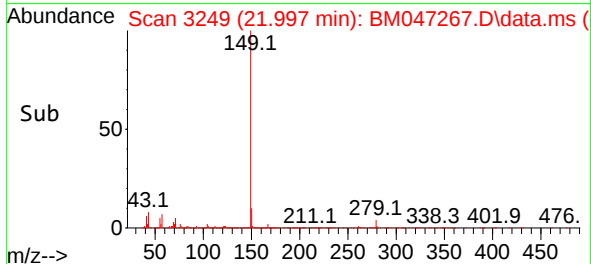
43 7.5 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

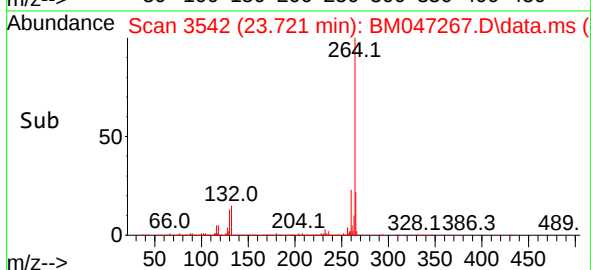
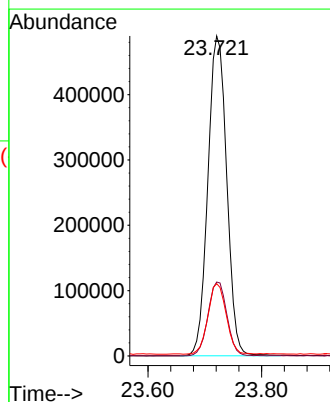
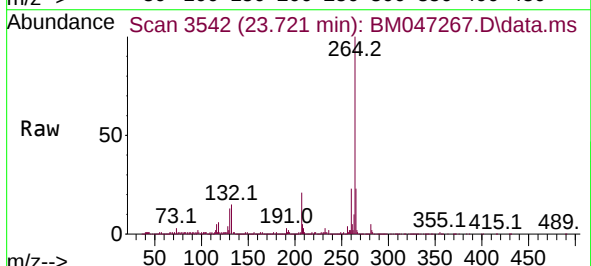
Tgt Ion:264 Resp: 1124279

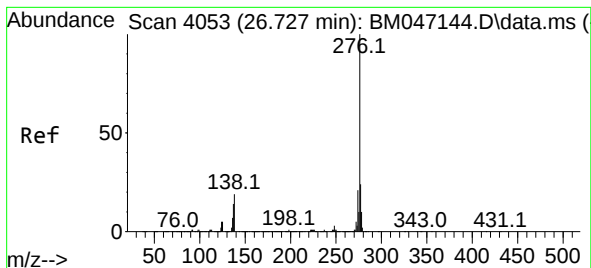
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.428 ng

RT: 26.727 min Scan# 4053

Delta R.T. -0.000 min

Lab File: BM047267.D

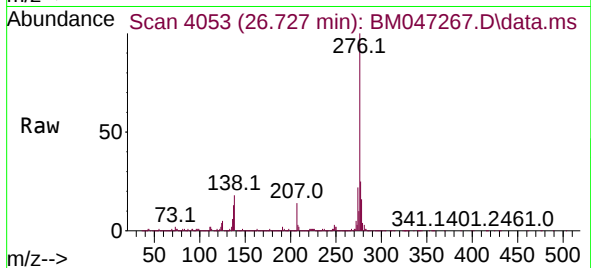
Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS



Tgt Ion: 276 Resp: 359195

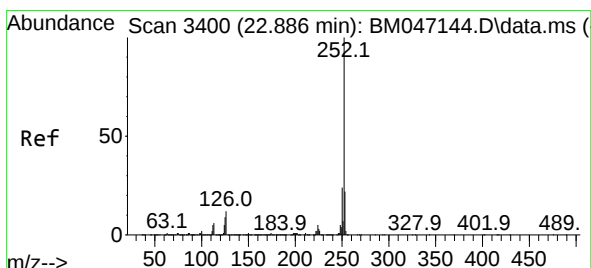
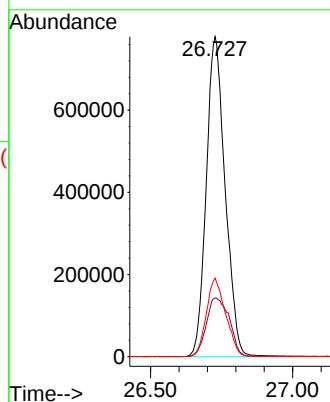
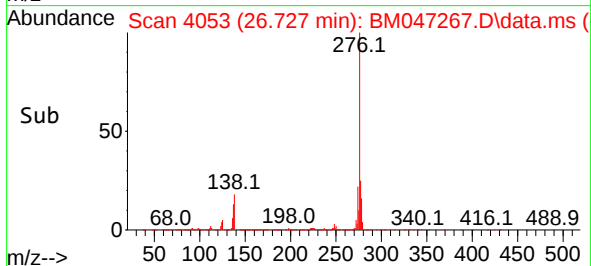
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 22.3  | 19.4  | 29.0  |
| 277 | 25.1  | 20.1  | 30.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#88

Benzo(b)fluoranthene

Concen: 49.763 ng

RT: 22.886 min Scan# 3400

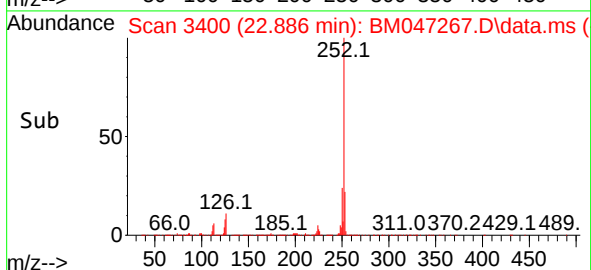
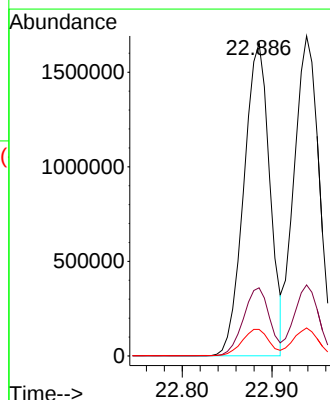
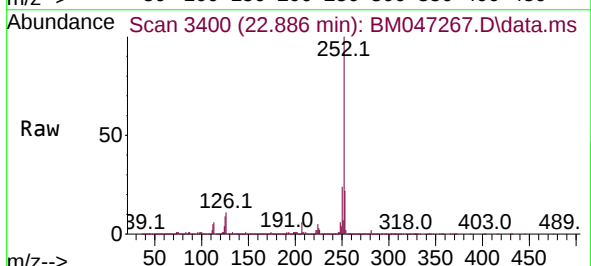
Delta R.T. -0.000 min

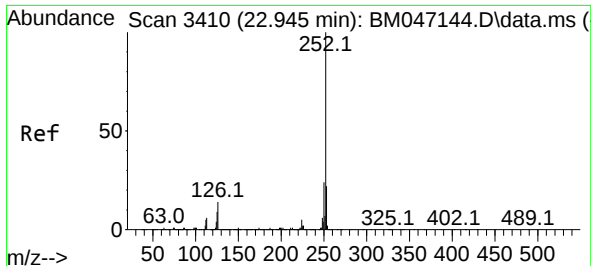
Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Tgt Ion: 252 Resp: 3322518

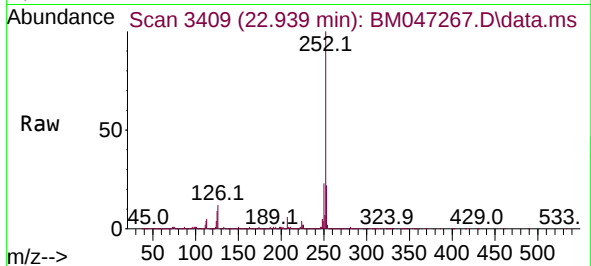
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.8  | 26.6  |
| 125 | 8.5   | 7.4   | 11.0  |





#89  
Benzo(k)fluoranthene  
Concen: 51.706 ng  
RT: 22.939 min Scan# 3410  
Delta R.T. -0.006 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07

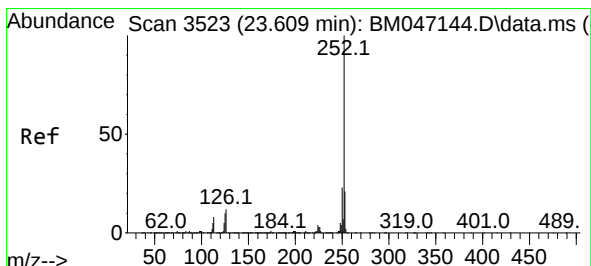
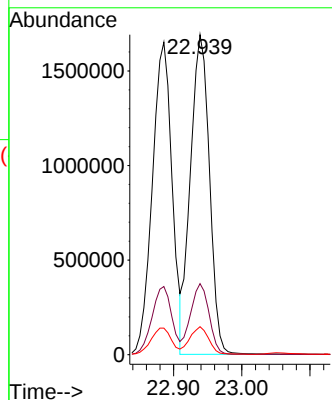
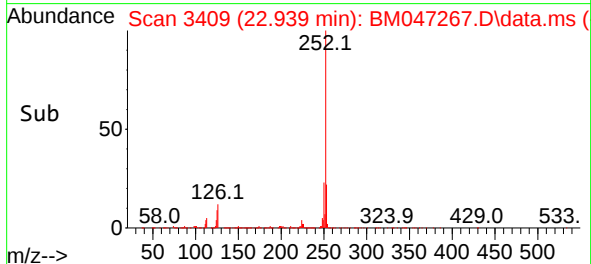
Instrument :  
BNA\_M  
ClientSampleId :  
932-K1-SD-0-0.5-081524MS



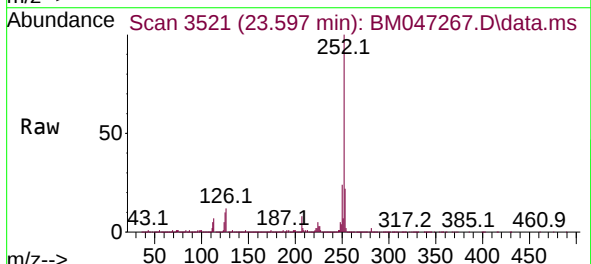
Tgt Ion:252 Resp: 326079  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 8.7 7.4 11.2

Manual Integrations  
APPROVED

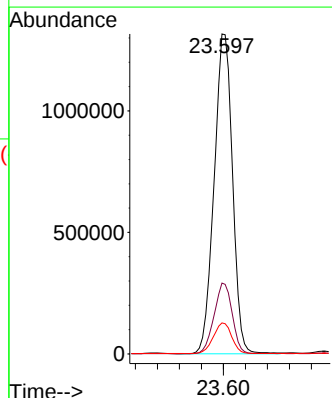
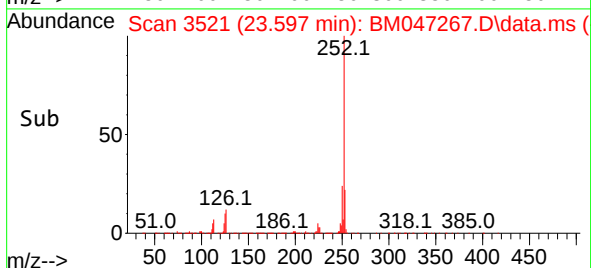
Reviewed By :Yogesh Patel 08/21/2024  
Supervised By :mohammad ahmed 08/22/2024

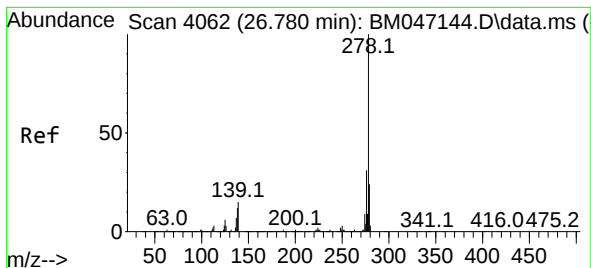


#90  
Benzo(a)pyrene  
Concen: 52.796 ng  
RT: 23.597 min Scan# 3521  
Delta R.T. -0.012 min  
Lab File: BM047267.D  
Acq: 20 Aug 2024 12:07



Tgt Ion:252 Resp: 3053597  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.1 25.7  
125 9.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 48.602 ng

RT: 26.774 min Scan# 4062

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Instrument :

BNA\_M

ClientSampleId :

932-K1-SD-0-0.5-081524MS

Tgt Ion:278 Resp: 285831

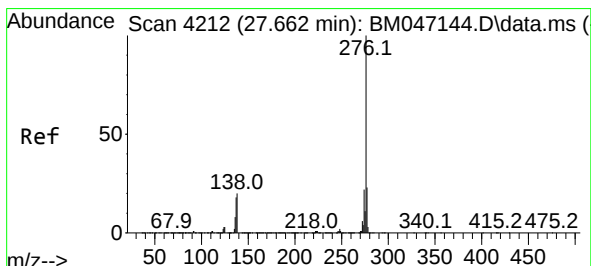
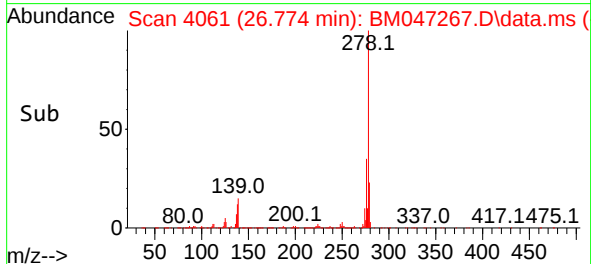
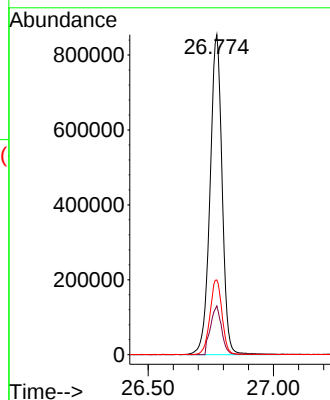
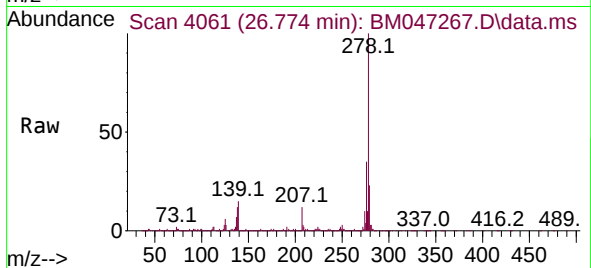
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.2  | 12.0  | 18.0  |
| 279 | 23.4  | 19.2  | 28.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#92

Benzo(g,h,i)perylene

Concen: 45.113 ng

RT: 27.656 min Scan# 4211

Delta R.T. -0.006 min

Lab File: BM047267.D

Acq: 20 Aug 2024 12:07

Tgt Ion:276 Resp: 2754623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.4  | 18.8  | 28.2  |
| 138 | 19.4  | 16.2  | 24.4  |

