

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081722\  
 Data File : BF129861.D  
 Acq On : 18 Aug 2022 00:26  
 Operator : CG\JU  
 Sample : N4189-17MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB14MSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/18/2022  
 Supervised By : Jagrut Upadhyay 08/18/2022

Quant Time: Aug 18 05:40:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 18 05:28:24 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) | Qvalue |
|-------------------------------|--------|------|----------|---------|-------|----------|--------|
| Internal Standards            |        |      |          |         |       |          |        |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 137932   | 20.000  | ng    | 0.00     |        |
| 21) Naphthalene-d8            | 8.098  | 136  | 544329   | 20.000  | ng    | 0.00     |        |
| 39) Acenaphthene-d10          | 9.851  | 164  | 270839   | 20.000  | ng    | 0.00     |        |
| 64) Phenanthrene-d10          | 11.339 | 188  | 440649   | 20.000  | ng    | 0.00     |        |
| 76) Chrysene-d12              | 13.986 | 240  | 225641   | 20.000  | ng    | 0.00     |        |
| 86) Perylene-d12              | 15.451 | 264  | 242404   | 20.000  | ng    | 0.00     |        |
| System Monitoring Compounds   |        |      |          |         |       |          |        |
| 5) 2-Fluorophenol             | 5.457  | 112  | 1005339  | 120.678 | ng    | 0.00     |        |
| 7) Phenol-d6                  | 6.475  | 99   | 1258220  | 120.607 | ng    | 0.00     |        |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 815846   | 80.234  | ng    | 0.00     |        |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 310788   | 114.333 | ng    | 0.00     |        |
| 45) 2-Fluorobiphenyl          | 9.169  | 172  | 1463496  | 82.070  | ng    | 0.00     |        |
| 79) Terphenyl-d14             | 12.921 | 244  | 1230397  | 90.733  | ng    | 0.00     |        |
| Target Compounds              |        |      |          |         |       |          |        |
| 2) 1,4-Dioxane                | 2.622  | 88   | 150567   | 43.808  | ng    |          | 100    |
| 3) Pyridine                   | 3.399  | 79   | 371955   | 41.354  | ng    |          | 98     |
| 4) n-Nitrosodimethylamine     | 3.351  | 42   | 213537   | 51.516  | ng    |          | 96     |
| 6) Aniline                    | 6.481  | 93   | 430979   | 36.246  | ng    |          | 94     |
| 8) 2-Chlorophenol             | 6.610  | 128  | 453028   | 48.849  | ng    |          | 99     |
| 9) Benzaldehyde               | 6.369  | 77   | 279201   | 51.990  | ng    |          | 98     |
| 10) Phenol                    | 6.487  | 94   | 544716   | 47.600  | ng    |          | 80     |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 424651   | 48.867  | ng    |          | 100    |
| 12) 1,3-Dichlorobenzene       | 6.751  | 146  | 477718   | 47.714  | ng    |          | 98     |
| 13) 1,4-Dichlorobenzene       | 6.828  | 146  | 480643   | 46.983  | ng    |          | 98     |
| 14) 1,2-Dichlorobenzene       | 6.981  | 146  | 456588   | 48.056  | ng    |          | 99     |
| 15) Benzyl Alcohol            | 6.969  | 79   | 388938   | 49.384  | ng    |          | 97     |
| 16) 2,2'-oxybis(1-Chloropr... | 7.087  | 45   | 559079   | 48.013  | ng    |          | 92     |
| 17) 2-Methylphenol            | 7.087  | 107  | 358723   | 48.173  | ng    |          | 99     |
| 18) Hexachloroethane          | 7.316  | 117  | 182390   | 47.477  | ng    |          | 97     |
| 19) n-Nitroso-di-n-propyla... | 7.234  | 70   | 313985   | 47.615  | ng    |          | 94     |
| 20) 3+4-Methylphenols         | 7.239  | 107  | 465749   | 46.595  | ng    |          | 97     |
| 22) Acetophenone              | 7.228  | 105  | 640066   | 48.253  | ng    |          | 99     |
| 24) Nitrobenzene              | 7.404  | 77   | 478589   | 46.676  | ng    |          | 99     |
| 25) Isophorone                | 7.639  | 82   | 849495   | 48.539  | ng    |          | 99     |
| 26) 2-Nitrophenol             | 7.716  | 139  | 244353   | 48.450  | ng    |          | 97     |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 380711   | 52.636  | ng    |          | 99     |
| 28) bis(2-Chloroethoxy)met... | 7.845  | 93   | 519405   | 50.829  | ng    |          | 99     |
| 29) 2,4-Dichlorophenol        | 7.969  | 162  | 370235   | 46.813  | ng    |          | 99     |
| 30) 1,2,4-Trichlorobenzene    | 8.039  | 180  | 378313   | 45.342  | ng    |          | 99     |
| 31) Naphthalene               | 8.116  | 128  | 1291613  | 45.382  | ng    |          | 100    |
| 32) Benzoic acid              | 7.910  | 122  | 158416   | 48.571  | ng    |          | 95     |
| 33) 4-Chloroaniline           | 8.175  | 127  | 306681   | 27.401  | ng    |          | 98     |
| 34) Hexachlorobutadiene       | 8.228  | 225  | 229639   | 45.201  | ng    |          | 99     |
| 35) Caprolactam               | 8.557  | 113  | 112284m  | 45.654  | ng    |          |        |
| 36) 4-Chloro-3-methylphenol   | 8.675  | 107  | 393604   | 46.132  | ng    |          | 98     |
| 37) 2-Methylnaphthalene       | 8.810  | 142  | 840259   | 44.982  | ng    |          | 99     |
| 38) 1-Methylnaphthalene       | 8.910  | 142  | 795069   | 43.796  | ng    |          | 98     |
| 40) 1,2,4,5-Tetrachloroben... | 8.975  | 216  | 372145   | 49.403  | ng    |          | 99     |
| 41) Hexachlorocyclopentadiene | 8.957  | 237  | 259020   | 95.073  | ng    |          | 98     |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 229242   | 46.838  | ng    |          | 98     |

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**Manual Integrations**  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 18 05:28:24 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 242013   | 45.961 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.275  | 154  | 1010228  | 49.099 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.298  | 162  | 782601   | 48.072 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 249392   | 48.475 | ng    | 98       |
| 49) Acenaphthylene            | 9.716  | 152  | 1163614  | 47.135 | ng    | 100      |
| 50) Dimethylphthalate         | 9.575  | 163  | 882558   | 45.456 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 198786   | 47.199 | ng    | 98       |
| 52) Acenaphthene              | 9.886  | 154  | 699807   | 46.723 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.822  | 138  | 158754   | 34.085 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.939  | 184  | 167896   | 87.613 | ng    | 92       |
| 55) Dibenzofuran              | 10.057 | 168  | 1036527  | 46.064 | ng    | 95       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 194376   | 93.807 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 250168   | 45.757 | ng    | 95       |
| 58) Fluorene                  | 10.404 | 166  | 846204   | 45.039 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 164458   | 42.558 | ng #  | 78       |
| 60) Diethylphthalate          | 10.275 | 149  | 843544   | 43.573 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204  | 385132   | 45.678 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 198584m  | 42.263 | ng    |          |
| 63) Azobenzene                | 10.551 | 77   | 822734   | 44.461 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.469 | 198  | 120568   | 46.608 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.516 | 169  | 717991   | 48.275 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248  | 240171   | 46.535 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.951 | 284  | 262651   | 46.980 | ng    | 96       |
| 69) Atrazine                  | 11.045 | 200  | 225211   | 49.336 | ng    | 98       |
| 70) Pentachlorophenol         | 11.157 | 266  | 141828   | 84.331 | ng    | 97       |
| 71) Phenanthrene              | 11.369 | 178  | 1125302  | 45.725 | ng    | 100      |
| 72) Anthracene                | 11.422 | 178  | 1129005  | 46.132 | ng    | 100      |
| 73) Carbazole                 | 11.580 | 167  | 1010640  | 45.491 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.892 | 149  | 1218619  | 42.620 | ng    | 99       |
| 75) Fluoranthene              | 12.557 | 202  | 1040116  | 41.302 | ng    | 98       |
| 77) Benzidine                 | 12.680 | 184  | 94281    | 13.681 | ng    | 99       |
| 78) Pyrene                    | 12.786 | 202  | 991842   | 50.583 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.392 | 149  | 389728   | 46.972 | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 713553   | 45.970 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 185793   | 38.648 | ng    | 99       |
| 83) Chrysene                  | 14.015 | 228  | 660871   | 45.484 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 472551   | 48.006 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.557 | 149  | 686345   | 50.509 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 885836   | 53.231 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 701938   | 42.289 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 688614   | 43.259 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 640593   | 49.007 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.939 | 278  | 758480   | 55.238 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.380 | 276  | 791782   | 57.799 | ng    | 97       |

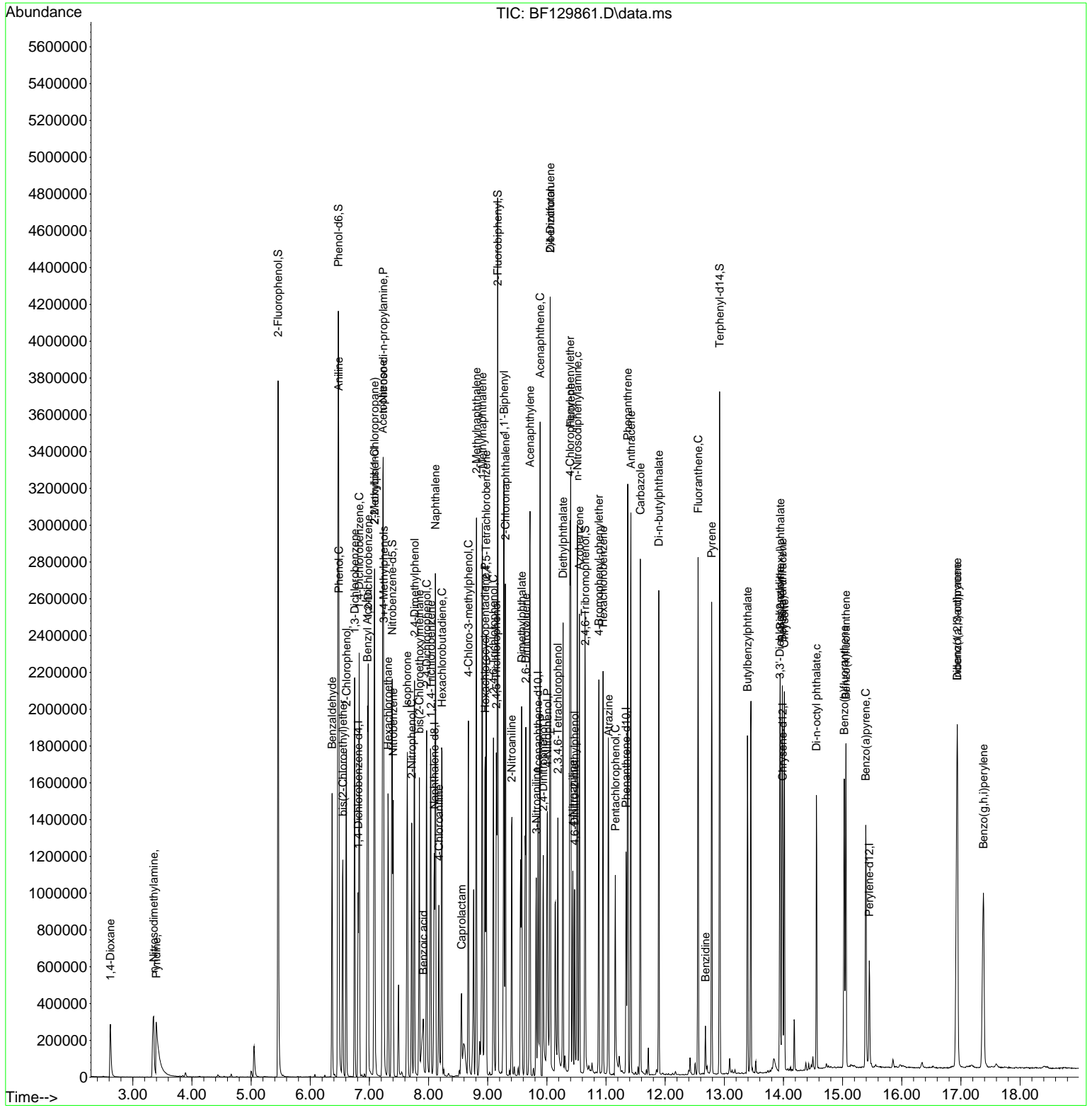
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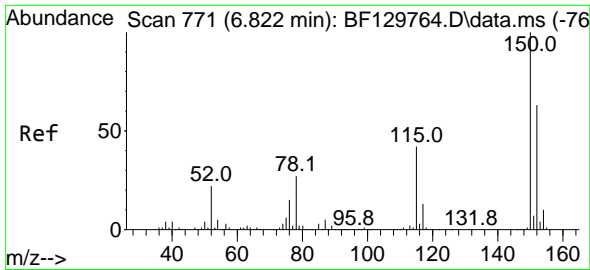
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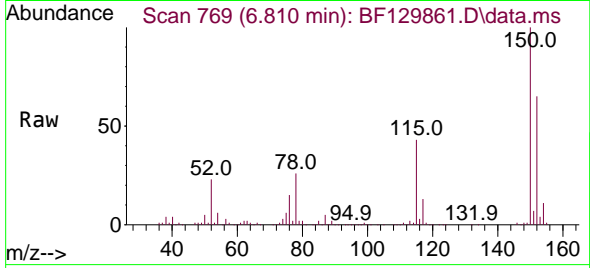
Manual Integrations  
**APPROVED**  
 Reviewed By : Christian Giraldo 08/18/2022  
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#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.810 min Scan# 70  
 Delta R.T. 0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

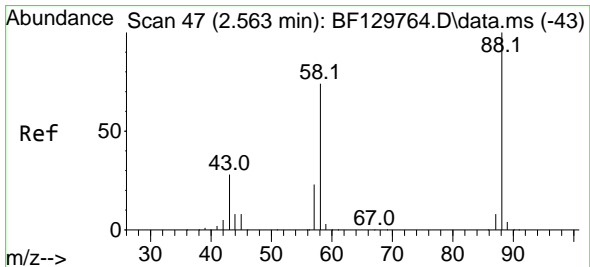
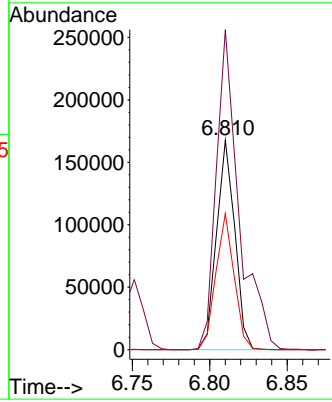
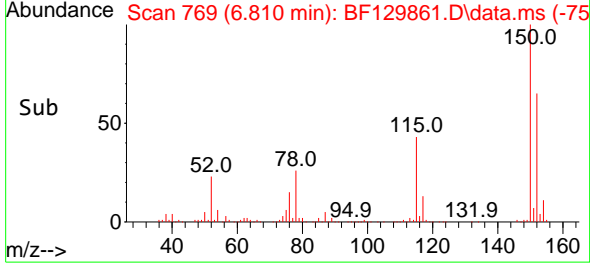
Instrument : BNA\_F  
 Client Sample Id : SB14MSD



Tgt Ion: 152 Resp: 137932  
 Ion Ratio Lower Upper  
 152 100  
 150 152.8 126.9 190.3  
 115 65.0 53.4 80.0

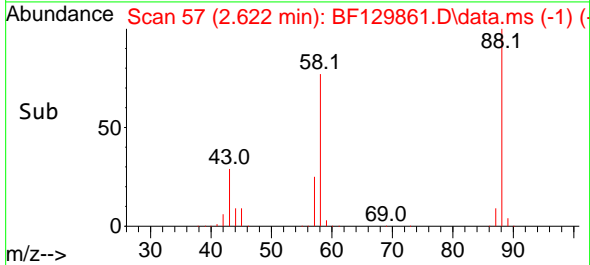
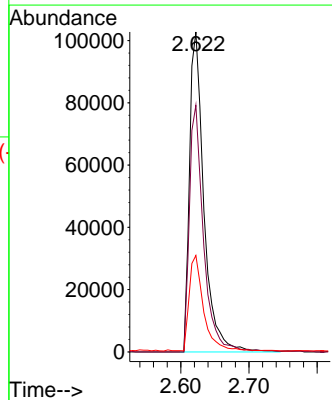
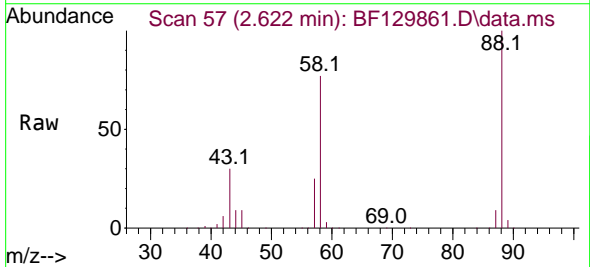
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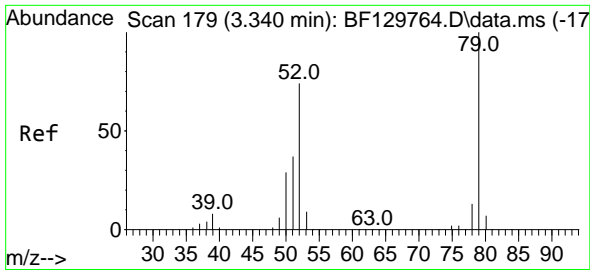
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#2  
 1,4-Dioxane  
 Concen: 43.808 ng  
 RT: 2.622 min Scan# 57  
 Delta R.T. 0.094 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Tgt Ion: 88 Resp: 150567  
 Ion Ratio Lower Upper  
 88 100  
 58 76.0 60.9 91.3  
 43 29.6 23.6 35.4





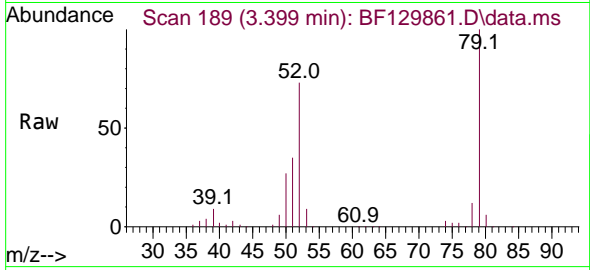
#3  
 Pyridine  
 Concen: 41.354 ng  
 RT: 3.399 min Scan# 181  
 Delta R.T. 0.094 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client SampleID :

SB14MSD

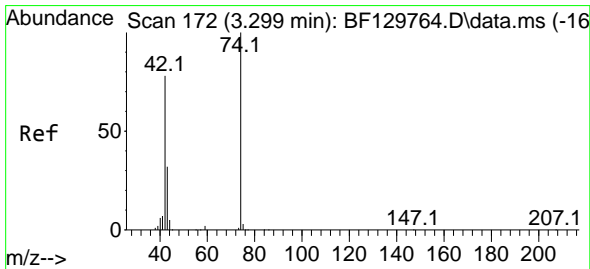
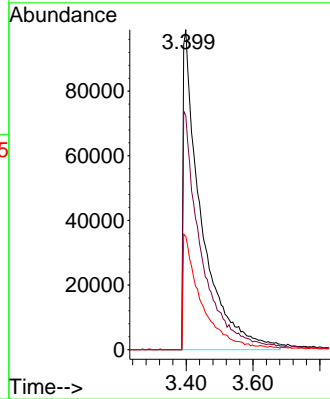
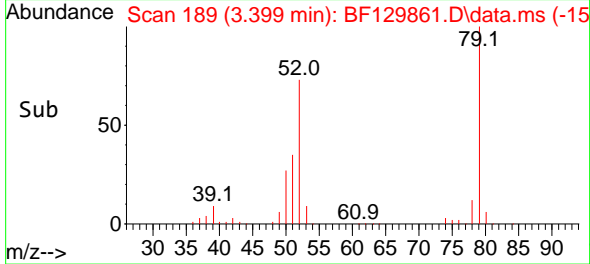


Tgt Ion: 79 Resp: 37195  
 Ion Ratio Lower Upper  
 79 100  
 52 73.1 59.4 89.2  
 51 35.4 29.5 44.3

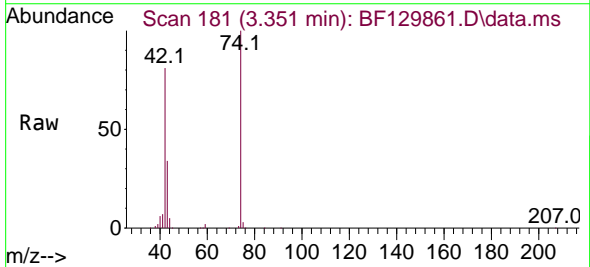
Manual Integrations

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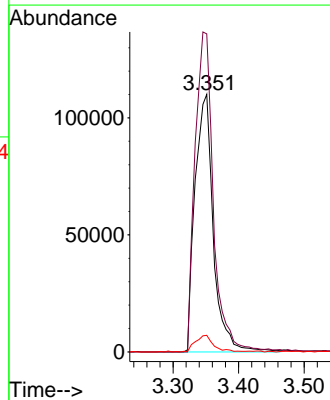
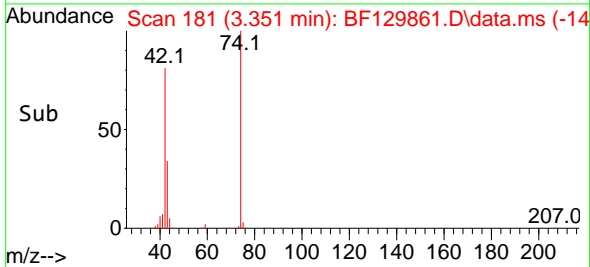
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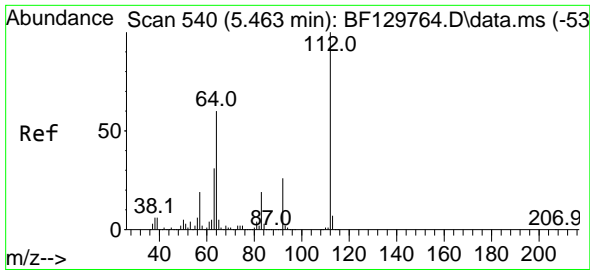


#4  
 n-Nitrosodimethylamine  
 Concen: 51.516 ng  
 RT: 3.351 min Scan# 181  
 Delta R.T. 0.094 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion: 42 Resp: 213537  
 Ion Ratio Lower Upper  
 42 100  
 74 123.5 103.1 154.7  
 44 6.5 5.4 8.2





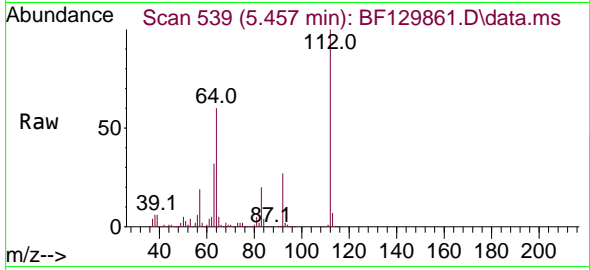
#5  
 2-Fluorophenol  
 Concen: 120.678 ng  
 RT: 5.457 min Scan# 539  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

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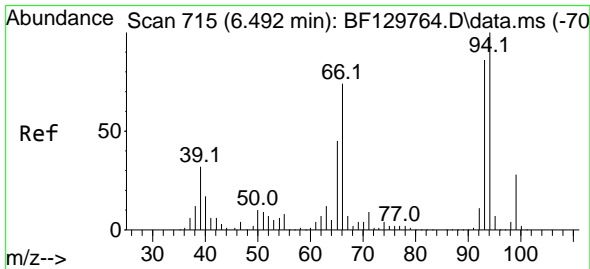
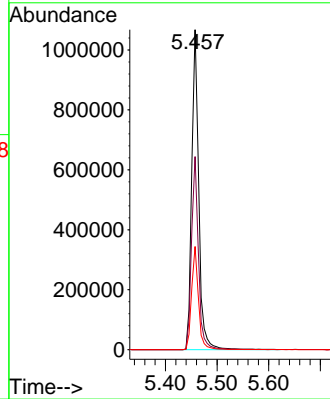
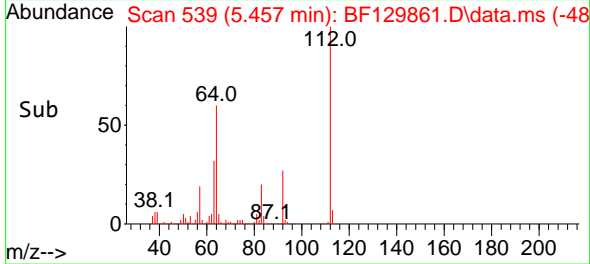


Tgt Ion: 112 Resp: 1005339  
 Ion Ratio Lower Upper  
 112 100  
 64 60.3 47.6 71.4  
 63 32.2 24.6 37.0

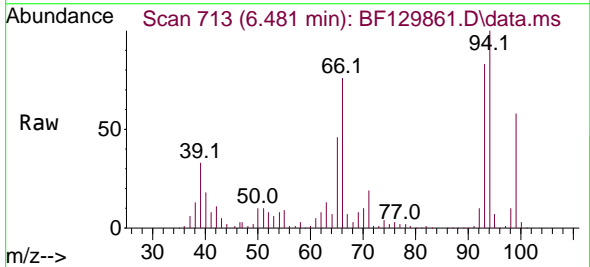
Manual Integrations

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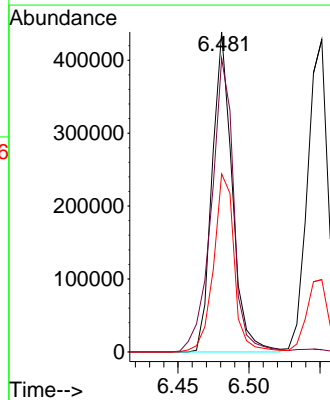
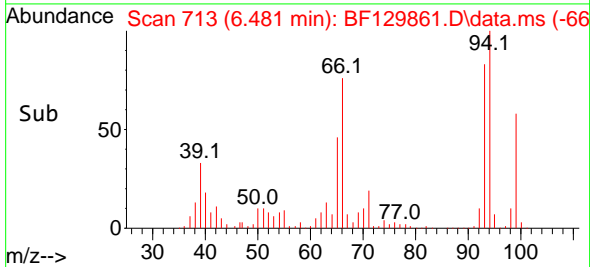
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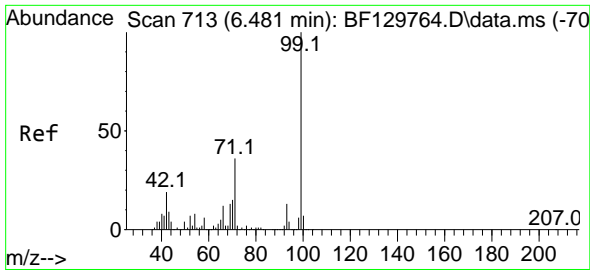


#6  
 Aniline  
 Concen: 36.246 ng  
 RT: 6.481 min Scan# 713  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



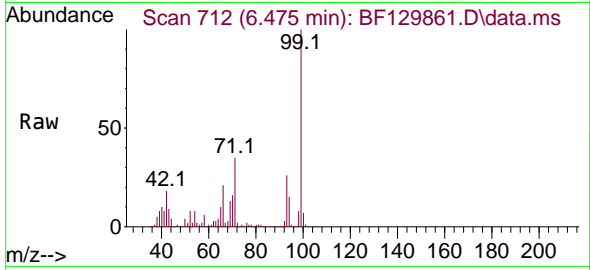
Tgt Ion: 93 Resp: 430979  
 Ion Ratio Lower Upper  
 93 100  
 66 91.7 68.7 103.1  
 65 55.6 41.6 62.4





#7  
 Phenol-d6  
 Concen: 120.607 ng  
 RT: 6.475 min Scan# 711  
 Delta R.T. 0.006 min  
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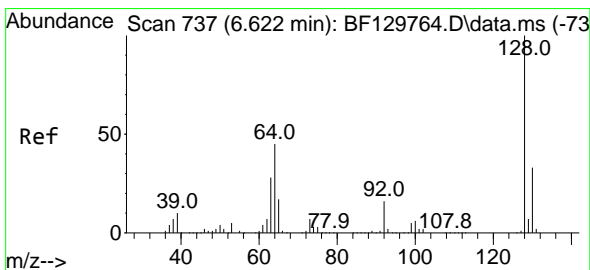
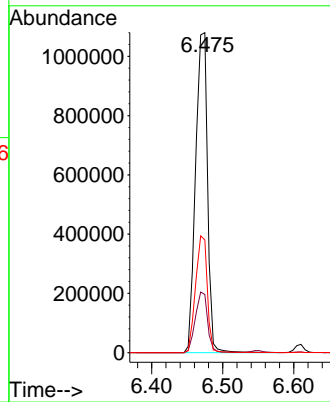
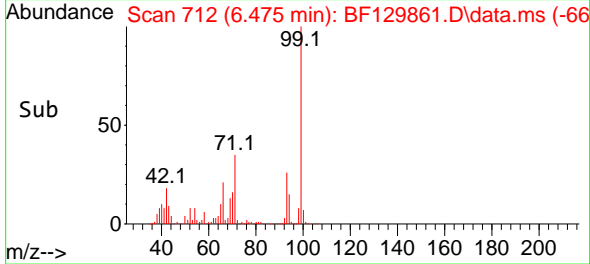
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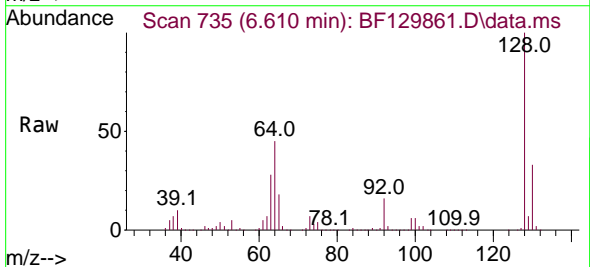
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 Ion Ratio Lower Upper  
 99 100  
 42 18.2 15.0 22.4  
 71 35.2 28.8 43.2

Manual Integrations  
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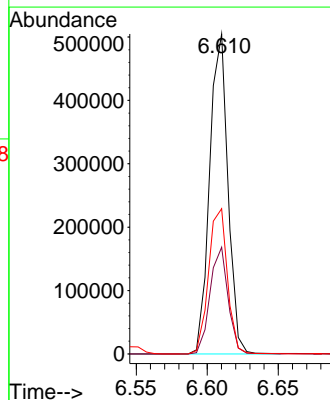
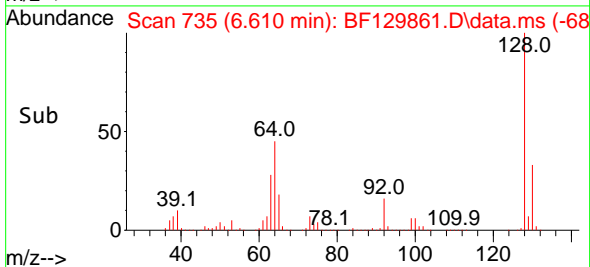
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

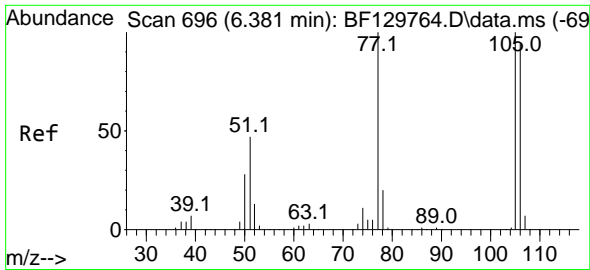


#8  
 2-Chlorophenol  
 Concen: 48.849 ng  
 RT: 6.610 min Scan# 735  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:128 Resp: 453028  
 Ion Ratio Lower Upper  
 128 100  
 130 33.3 12.5 52.5  
 64 45.4 24.9 64.9





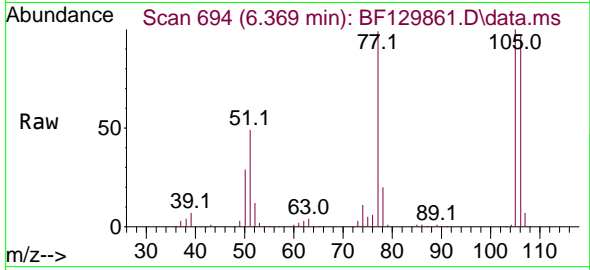
#9  
 Benzaldehyde  
 Concen: 51.990 ng  
 RT: 6.369 min Scan# 694  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

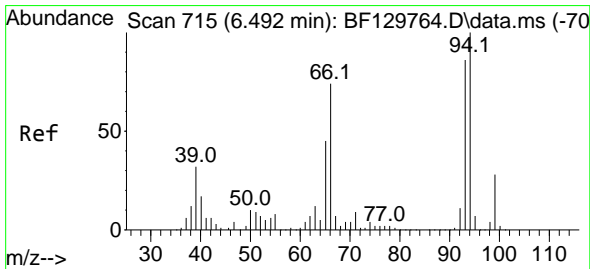
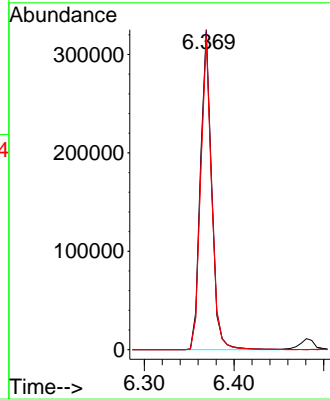
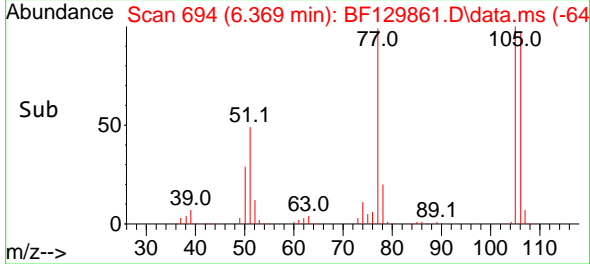


Tgt Ion: 77 Resp: 27920  
 Ion Ratio Lower Upper  
 77 100  
 105 100.8 80.3 120.3  
 106 98.0 74.3 114.3

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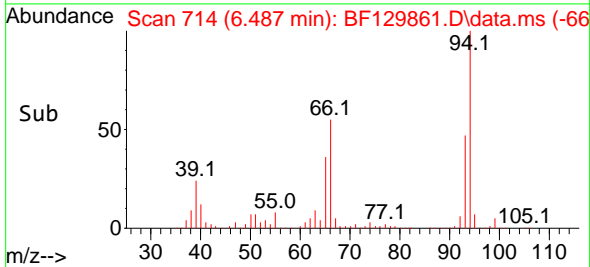
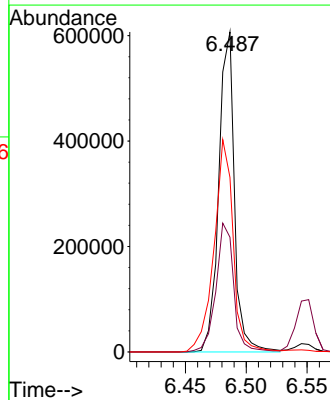
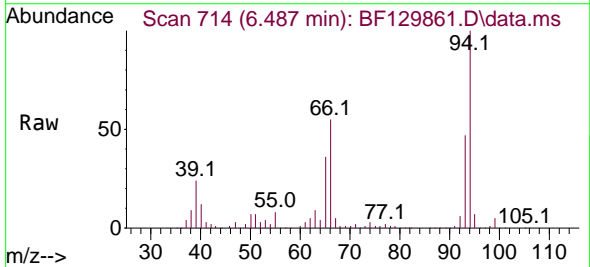
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Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

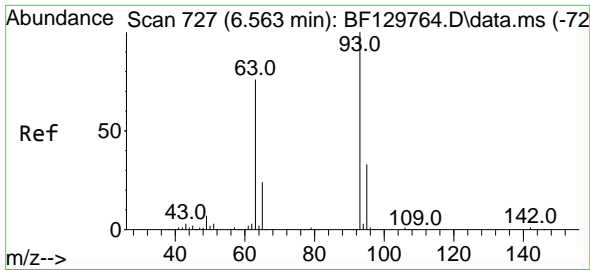


#10  
 Phenol  
 Concen: 47.600 ng  
 RT: 6.487 min Scan# 714  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Tgt Ion: 94 Resp: 544716  
 Ion Ratio Lower Upper  
 94 100  
 65 35.8 24.9 64.9  
 66 54.5 54.2 94.2







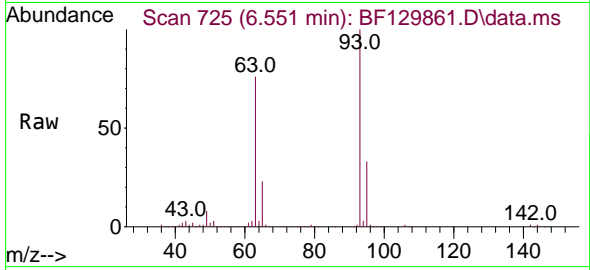
#11  
 bis(2-Chloroethyl)ether  
 Concen: 48.867 ng  
 RT: 6.551 min Scan# 711  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client Sample Id :

SB14MSD

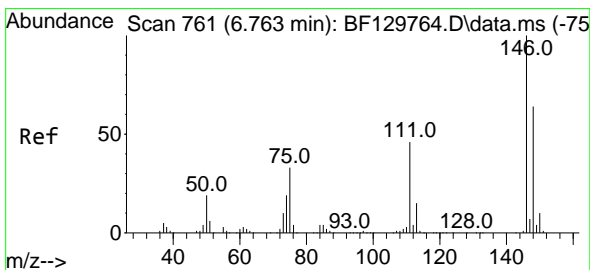
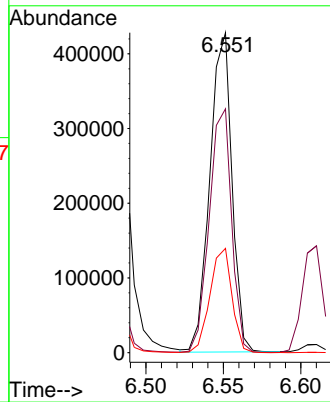
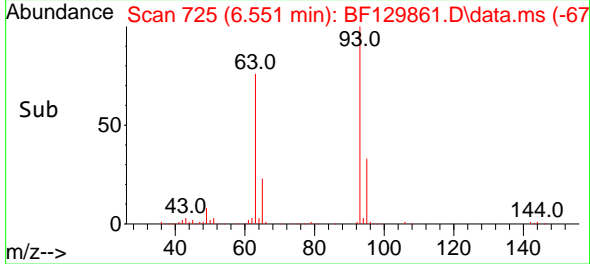


Tgt Ion: 93 Resp: 42465  
 Ion Ratio Lower Upper  
 93 100  
 63 76.2 55.9 95.9  
 95 32.6 12.3 52.3

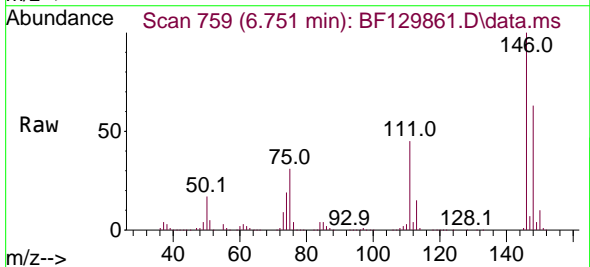
Manual Integrations

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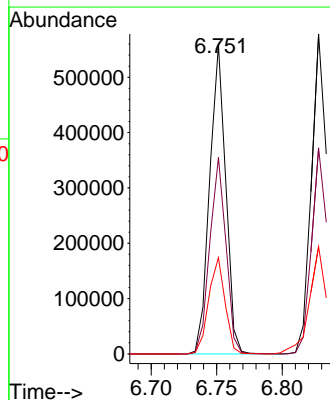
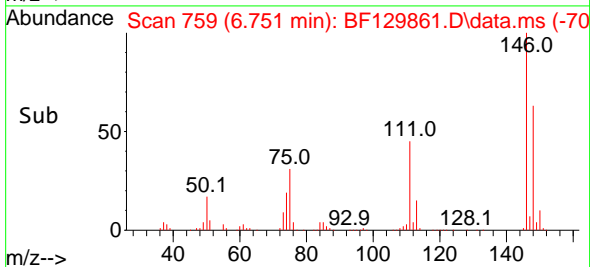
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

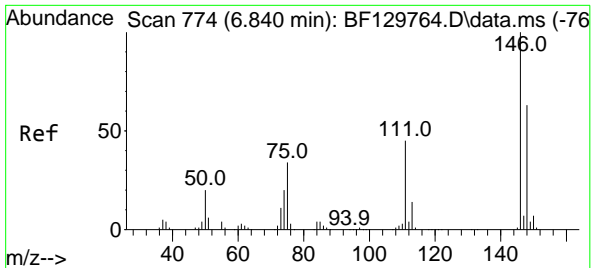


#12  
 1,3-Dichlorobenzene  
 Concen: 47.714 ng  
 RT: 6.751 min Scan# 759  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



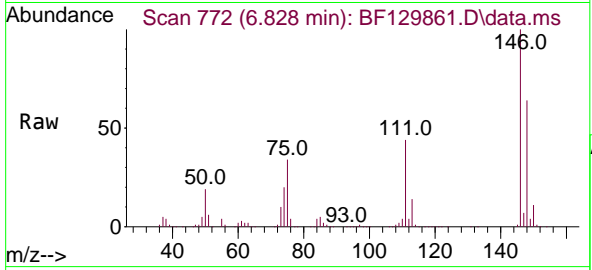
Tgt Ion:146 Resp: 477718  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 51.2 76.8  
 75 31.1 26.5 39.7





#13  
 1,4-Dichlorobenzene  
 Concen: 46.983 ng  
 RT: 6.828 min Scan# 711  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

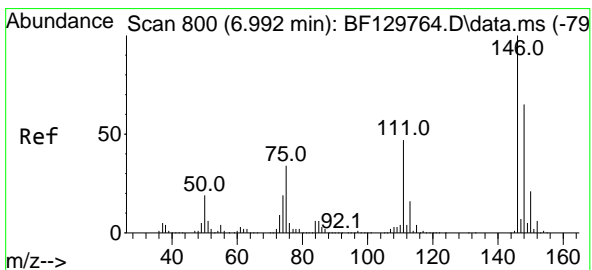
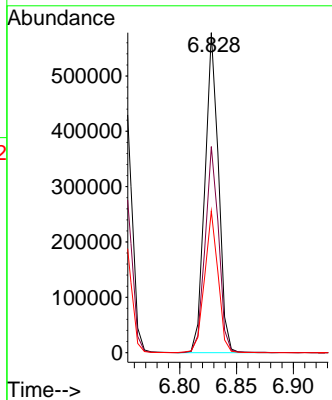
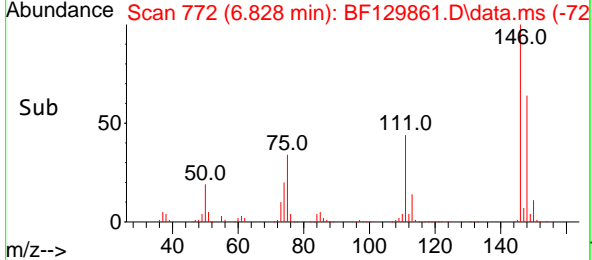
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB14MSD



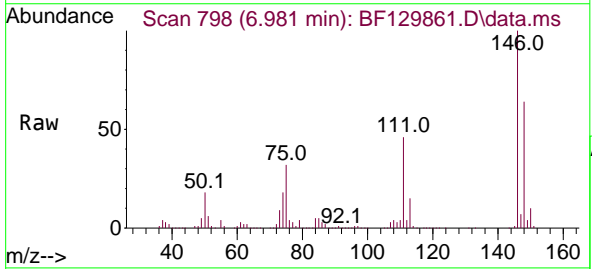
Tgt Ion:146 Resp: 480643  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 50.6 75.8  
 111 44.2 36.2 54.4

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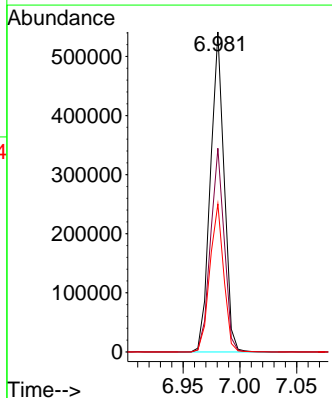
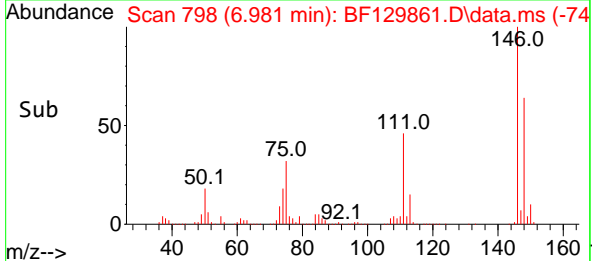
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

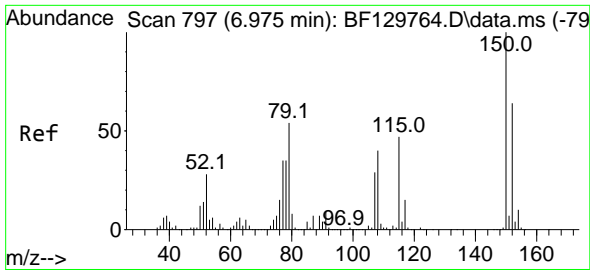


#14  
 1,2-Dichlorobenzene  
 Concen: 48.056 ng  
 RT: 6.981 min Scan# 798  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



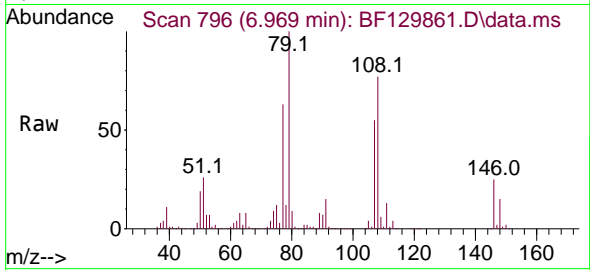
Tgt Ion:146 Resp: 456588  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 51.8 77.6  
 111 46.2 37.2 55.8





#15  
 Benzyl Alcohol  
 Concen: 49.384 ng  
 RT: 6.969 min Scan# 79  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

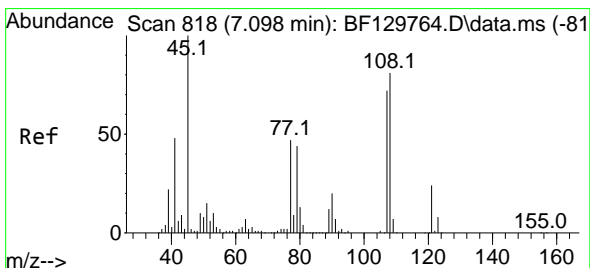
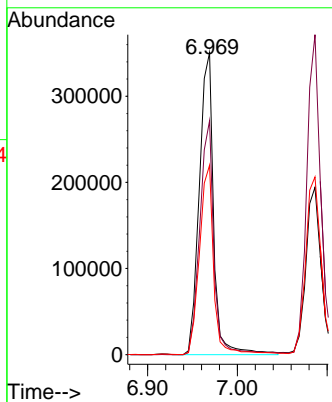
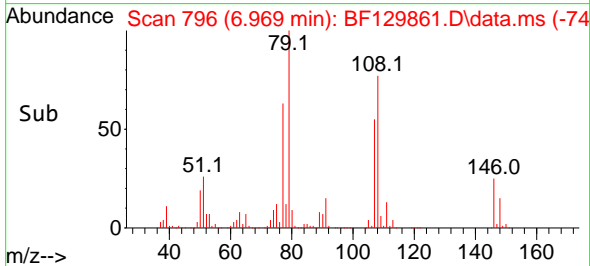
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB14MSD



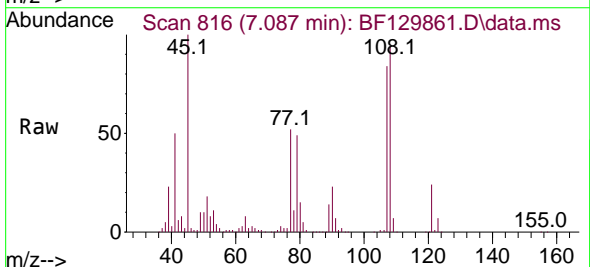
Tgt Ion: 79 Resp: 388938  
 Ion Ratio Lower Upper  
 79 100  
 108 77.4 59.2 88.8  
 77 62.7 51.9 77.9

Manual Integrations  
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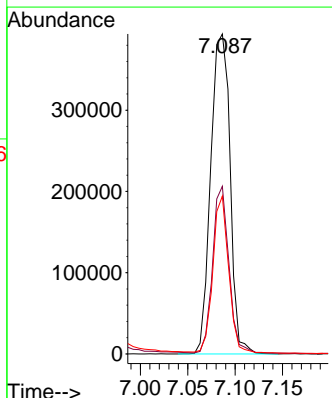
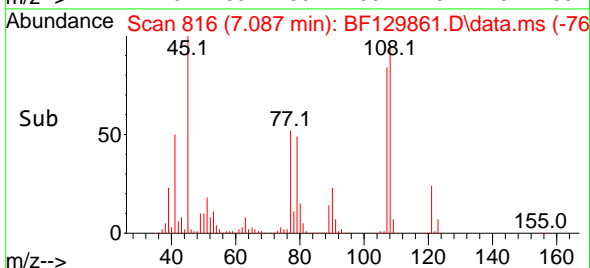
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

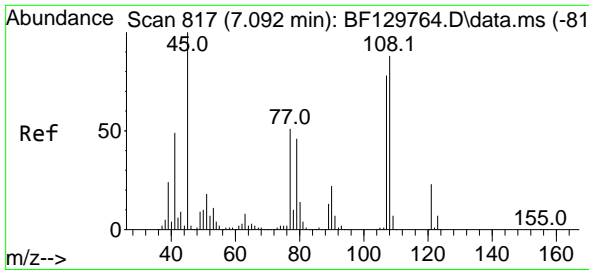


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 48.013 ng  
 RT: 7.087 min Scan# 816  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion: 45 Resp: 559079  
 Ion Ratio Lower Upper  
 45 100  
 77 52.4 27.4 67.4  
 79 49.3 24.4 64.4





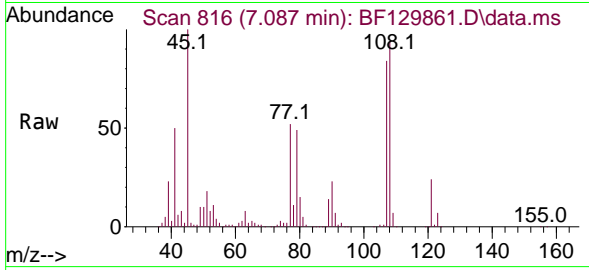
#17  
 2-Methylphenol  
 Concen: 48.173 ng  
 RT: 7.087 min Scan# 817  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleID :

SB14MSD

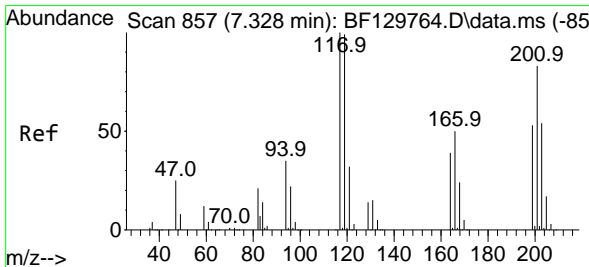
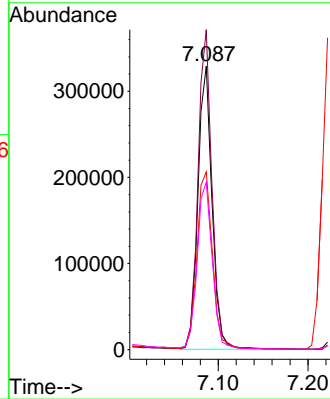
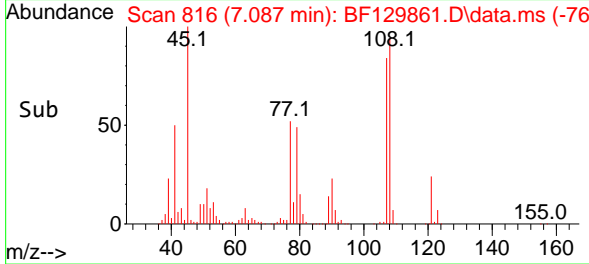


Tgt Ion:107 Resp: 358723  
 Ion Ratio Lower Upper  
 107 100  
 108 112.9 90.2 135.2  
 77 62.7 51.8 77.8  
 79 59.0 47.4 71.2

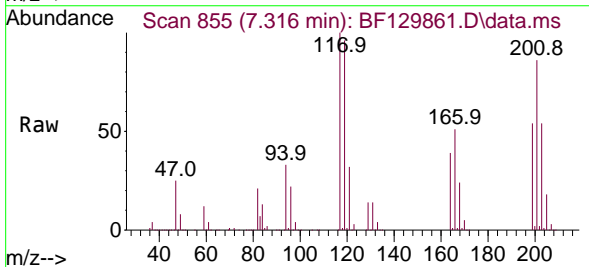
Manual Integrations

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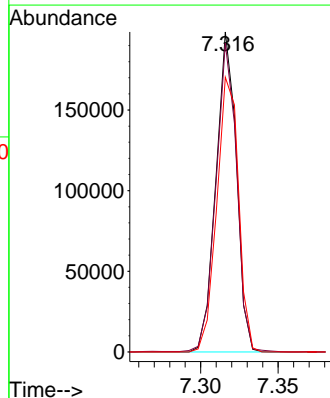
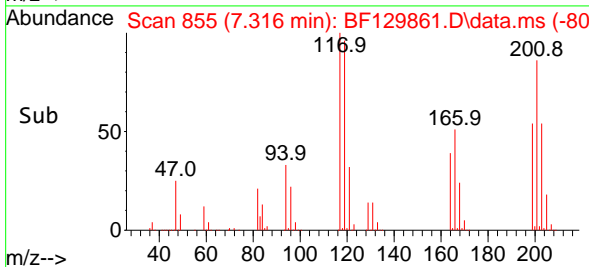
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

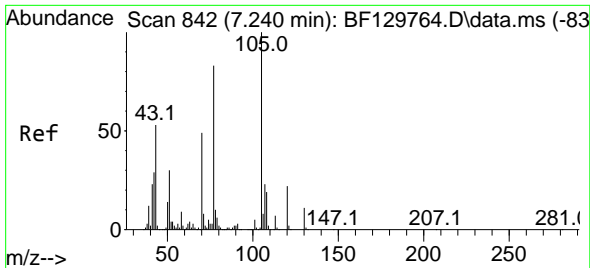


#18  
 Hexachloroethane  
 Concen: 47.477 ng  
 RT: 7.316 min Scan# 855  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:117 Resp: 182390  
 Ion Ratio Lower Upper  
 117 100  
 119 96.5 79.1 118.7  
 201 85.8 66.6 100.0





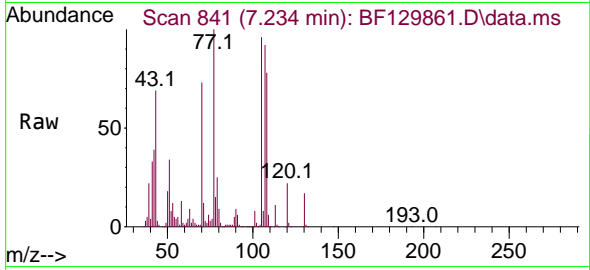
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 47.615 ng  
 RT: 7.234 min Scan# 841  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

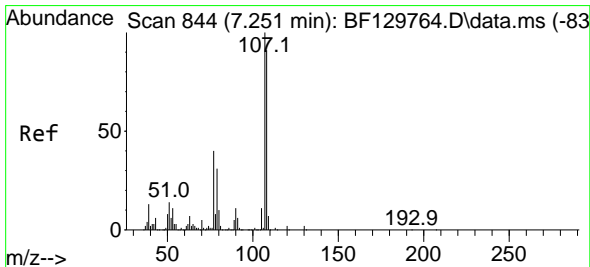
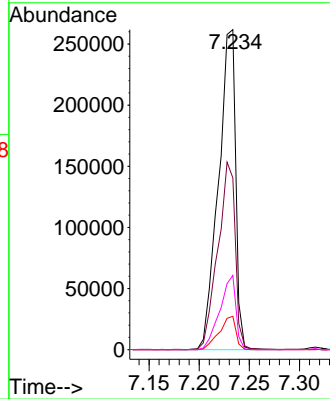
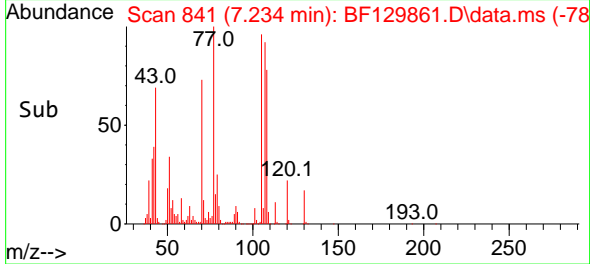


Tgt Ion: 70 Resp: 313985  
 Ion Ratio Lower Upper  
 70 100  
 42 53.7 47.6 71.4  
 101 10.4 8.1 12.1  
 130 23.2 17.2 25.8

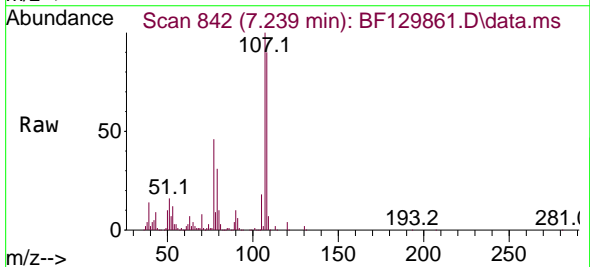
Manual Integrations

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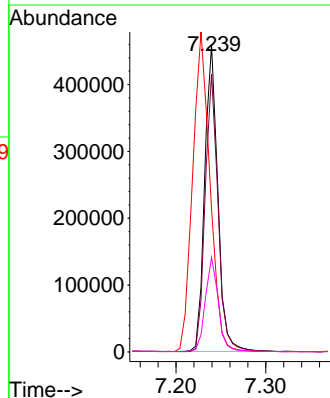
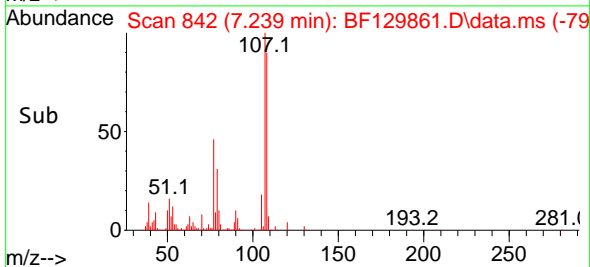
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

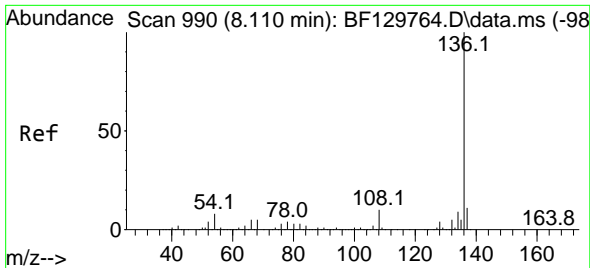


#20  
 3+4-Methylphenols  
 Concen: 46.595 ng  
 RT: 7.239 min Scan# 842  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:107 Resp: 465749  
 Ion Ratio Lower Upper  
 107 100  
 108 90.3 71.3 111.3  
 77 46.4 20.4 60.4  
 79 30.7 11.1 51.1





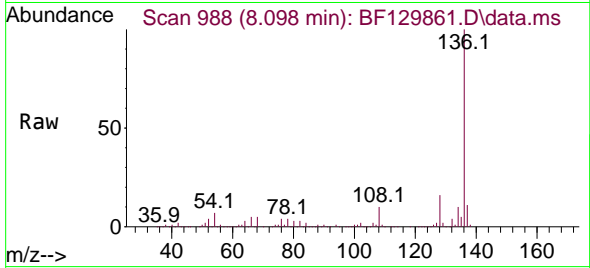
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.098 min Scan# 98  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

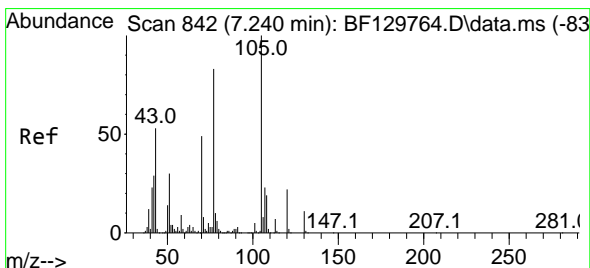
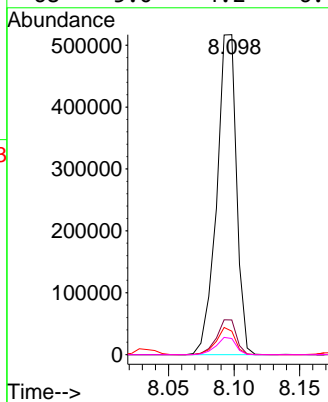
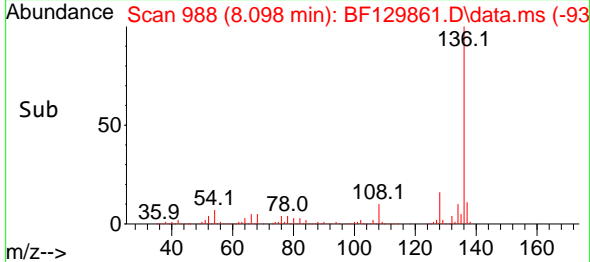


Tgt Ion:136 Resp: 544329  
 Ion Ratio Lower Upper  
 136 100  
 137 10.8 8.4 12.6  
 54 7.3 6.2 9.2  
 68 5.0 4.2 6.4

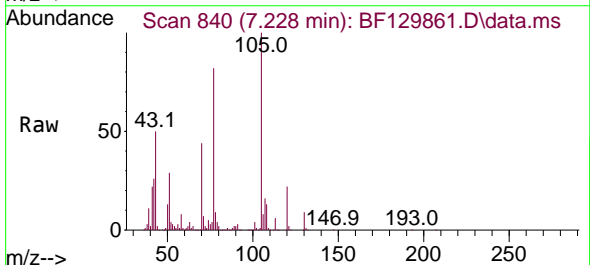
Manual Integrations

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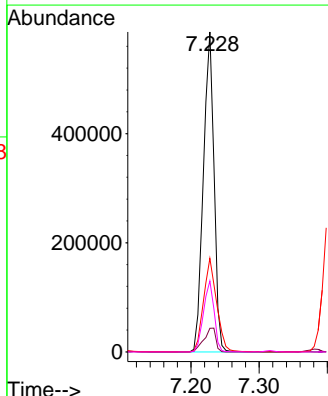
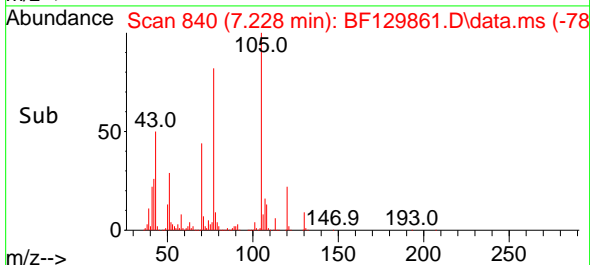
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

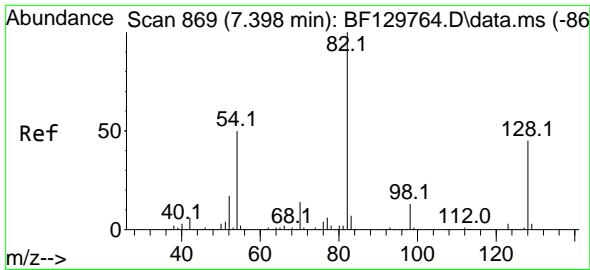


#22  
 Acetophenone  
 Concen: 48.253 ng  
 RT: 7.228 min Scan# 840  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



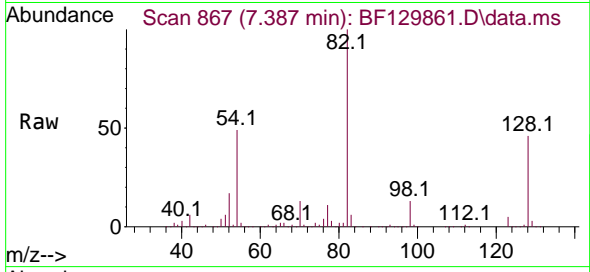
Tgt Ion:105 Resp: 640066  
 Ion Ratio Lower Upper  
 105 100  
 71 7.4 6.6 9.8  
 51 29.2 23.8 35.8  
 120 22.2 17.9 26.9





#23  
 Nitrobenzene-d5  
 Concen: 80.234 ng  
 RT: 7.387 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

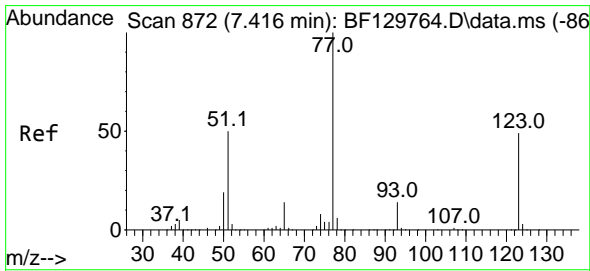
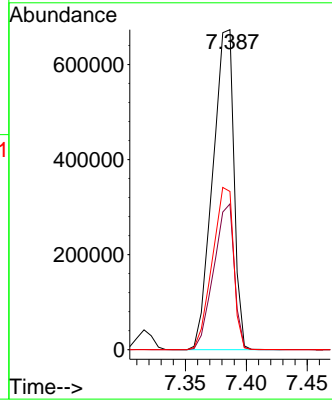
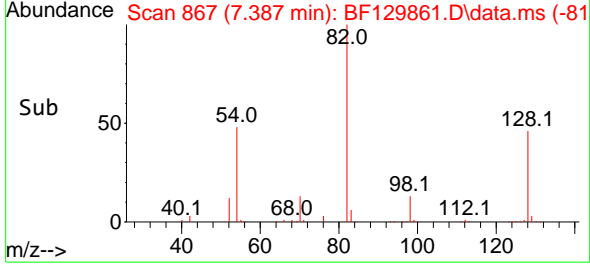
Instrument : BNA\_F  
 Client Sample Id : SB14MSD



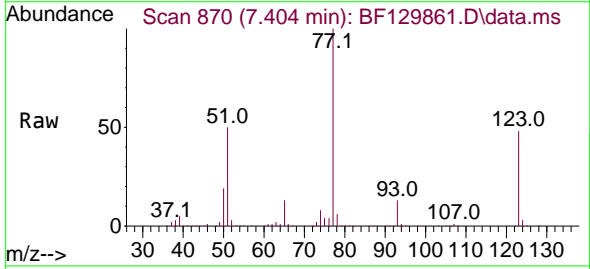
Tgt Ion: 82 Resp: 815846  
 Ion Ratio Lower Upper  
 82 100  
 128 45.5 36.1 54.1  
 54 49.4 40.0 60.0

Manual Integrations  
 APPROVED

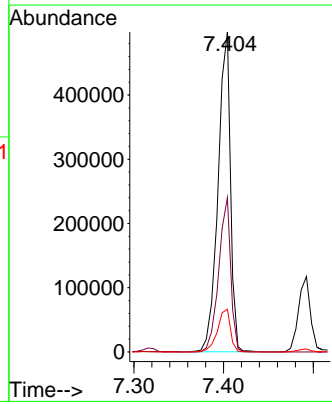
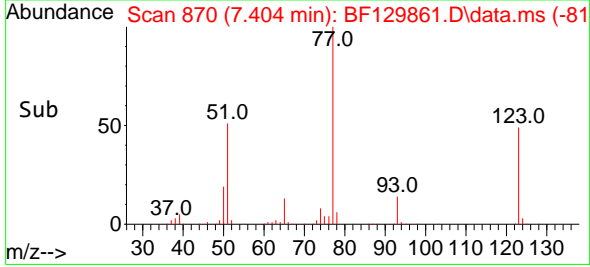
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

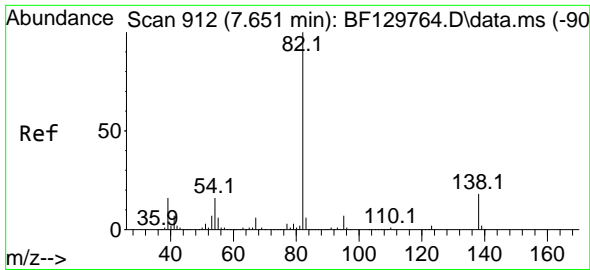


#24  
 Nitrobenzene  
 Concen: 46.676 ng  
 RT: 7.404 min Scan# 870  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion: 77 Resp: 478589  
 Ion Ratio Lower Upper  
 77 100  
 123 48.2 39.2 58.8  
 65 13.3 11.1 16.7





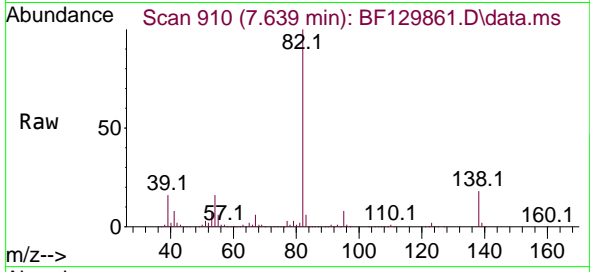
#25  
 Isophorone  
 Concen: 48.539 ng  
 RT: 7.639 min Scan# 910  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client Sample Id :

SB14MSD

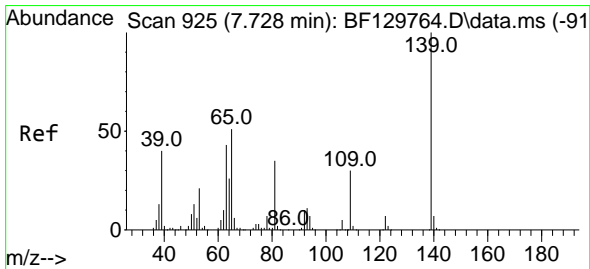
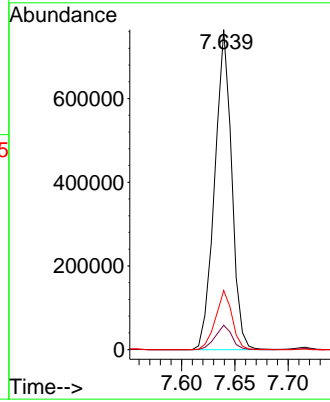
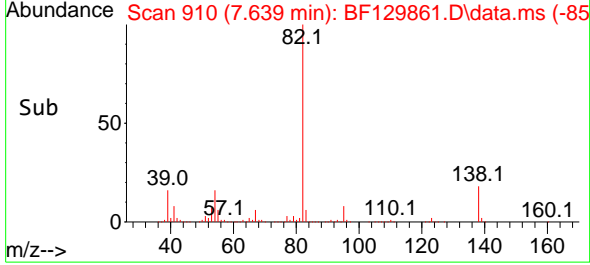


Tgt Ion: 82 Resp: 849495  
 Ion Ratio Lower Upper  
 82 100  
 95 7.6 5.9 8.9  
 138 18.5 14.6 21.8

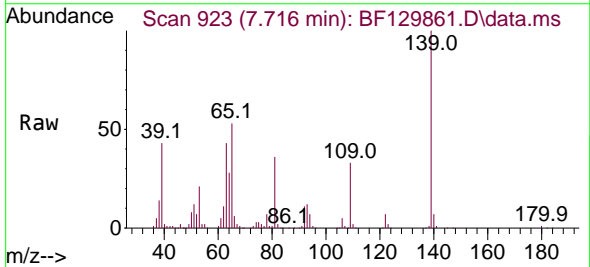
Manual Integrations

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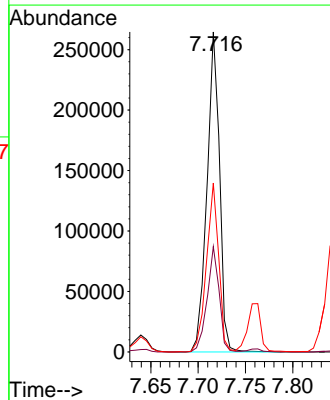
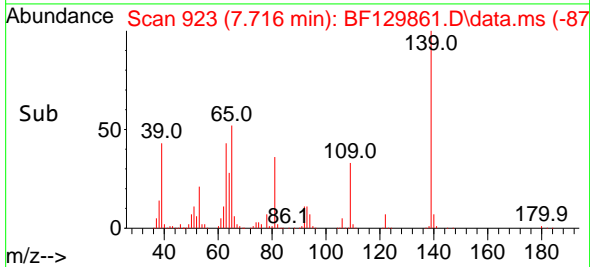
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



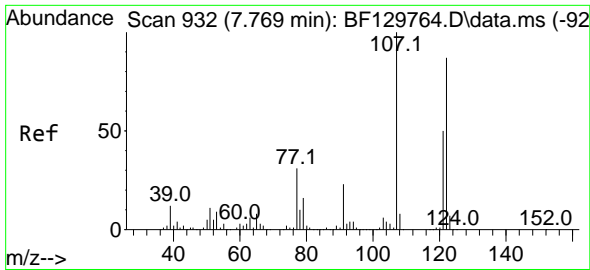
#26  
 2-Nitrophenol  
 Concen: 48.450 ng  
 RT: 7.716 min Scan# 923  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:139 Resp: 244353  
 Ion Ratio Lower Upper  
 139 100  
 109 32.9 24.4 36.6  
 65 52.8 40.9 61.3







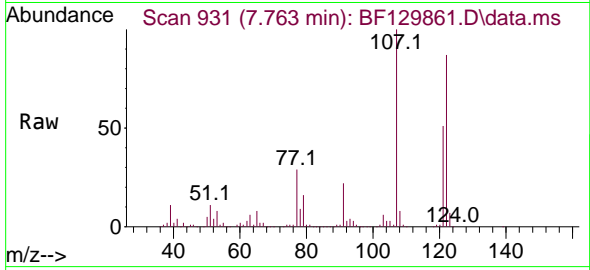
#27  
 2,4-Dimethylphenol  
 Concen: 52.636 ng  
 RT: 7.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client Sample Id :

SB14MSD

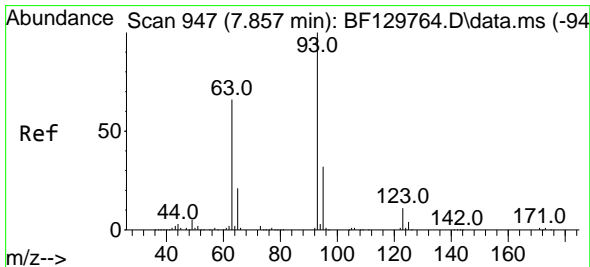
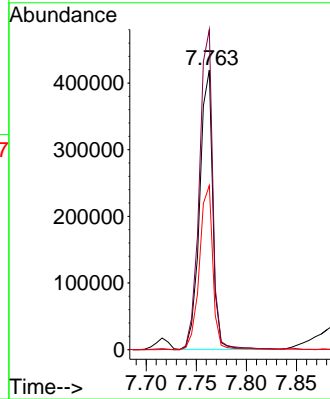
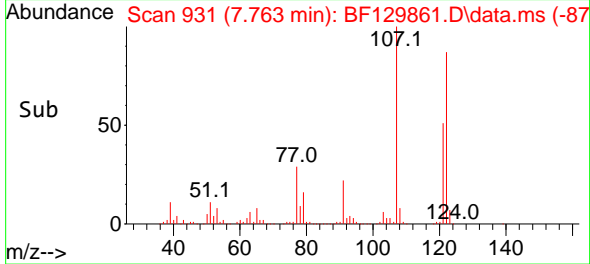


Tgt Ion: 122 Resp: 38071  
 Ion Ratio Lower Upper  
 122 100  
 107 114.5 92.2 138.4  
 121 58.7 46.1 69.1

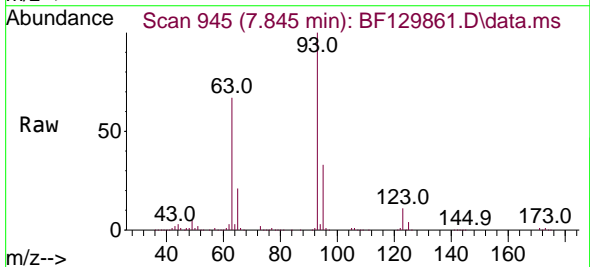
Manual Integrations

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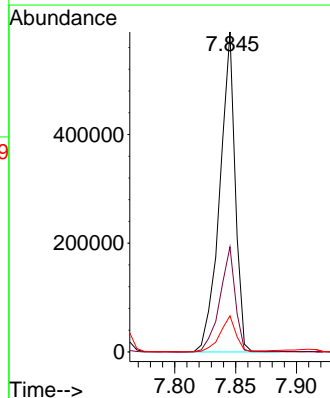
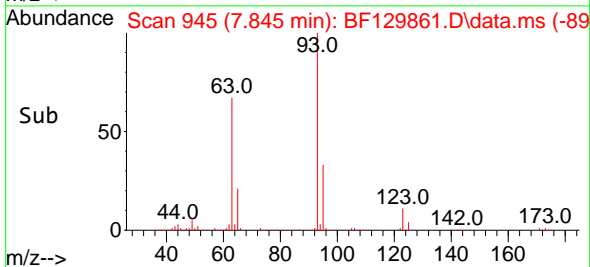
Reviewed By : Christian Giraldo 08/18/2022  
 Supervised By : Jagrut Upadhyay 08/18/2022

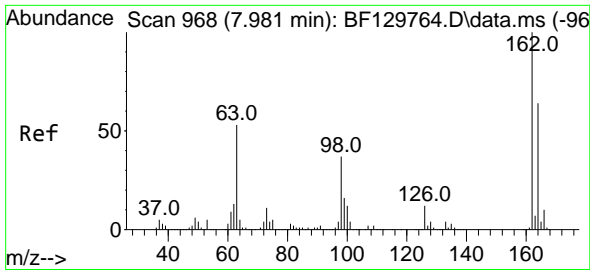


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.829 ng  
 RT: 7.845 min Scan# 945  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion: 93 Resp: 519405  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 25.6 38.4  
 123 11.3 9.0 13.4





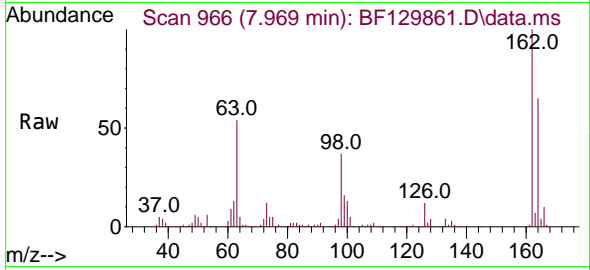
#29  
 2,4-Dichlorophenol  
 Concen: 46.813 ng  
 RT: 7.969 min Scan# 90  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client SampleID :

SB14MSD

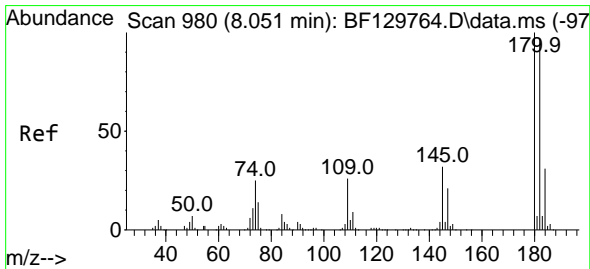
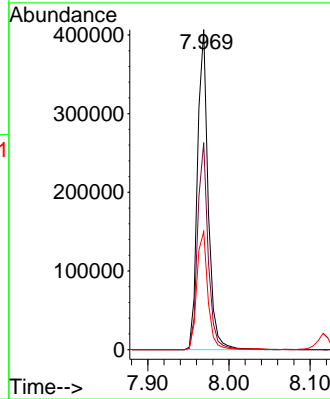
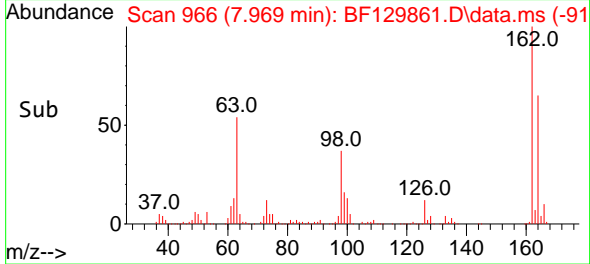


Tgt Ion:162 Resp: 370235  
 Ion Ratio Lower Upper  
 162 100  
 164 64.7 43.7 83.7  
 98 36.9 16.5 56.5

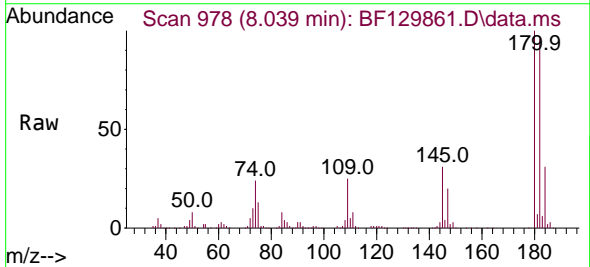
Manual Integrations

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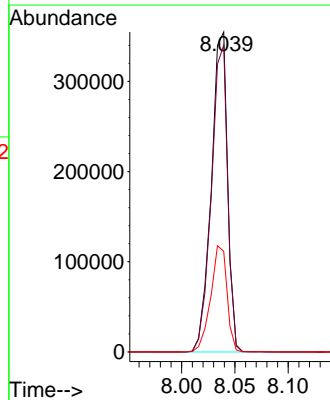
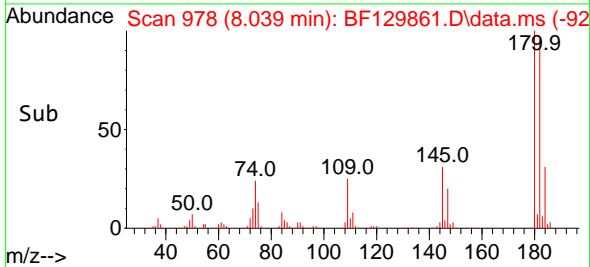
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

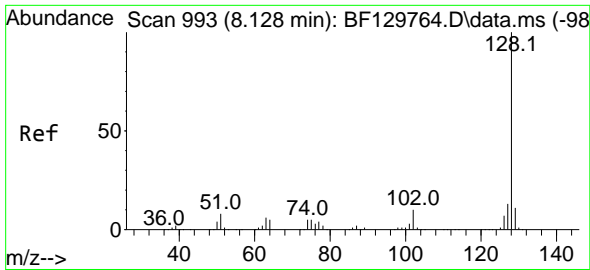


#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.342 ng  
 RT: 8.039 min Scan# 978  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:180 Resp: 378313  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 77.6 116.4  
 145 31.4 25.6 38.4





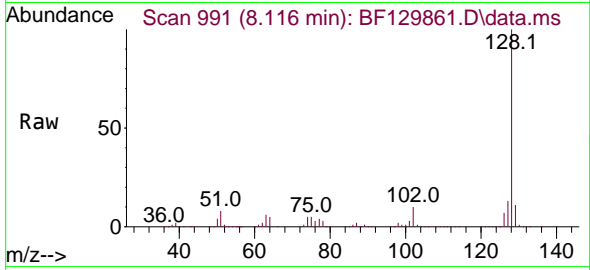
#31  
 Naphthalene  
 Concen: 45.382 ng  
 RT: 8.116 min Scan# 991  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client SampleId :

SB14MSD

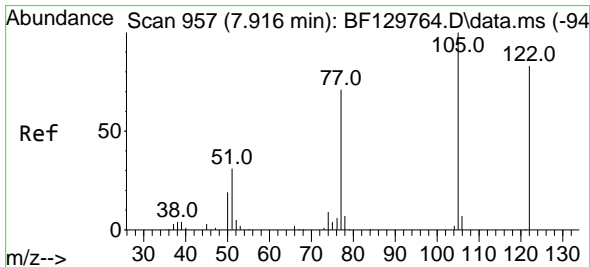
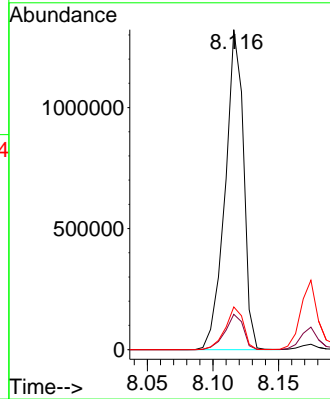
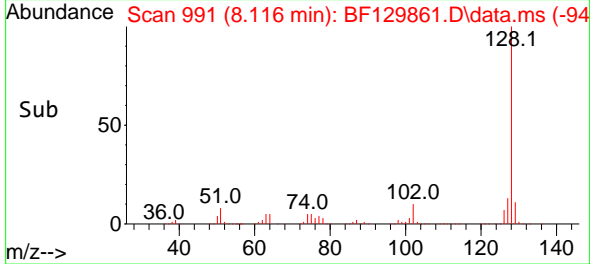


Tgt Ion:128 Resp: 1291613  
 Ion Ratio Lower Upper  
 128 100  
 129 11.0 8.9 13.3  
 127 13.3 10.7 16.1

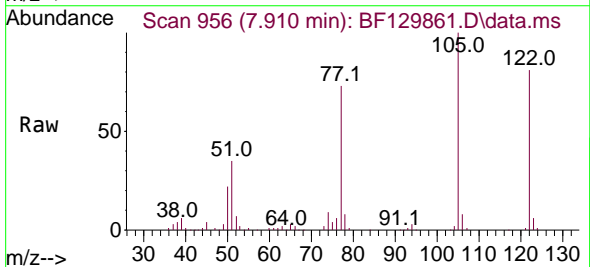
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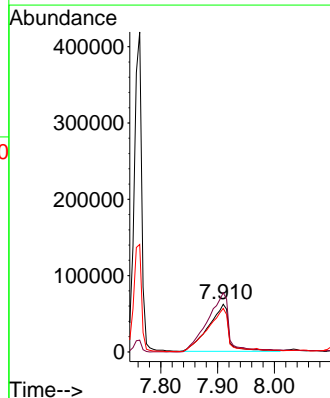
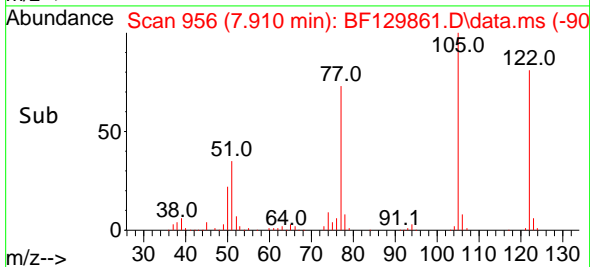
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

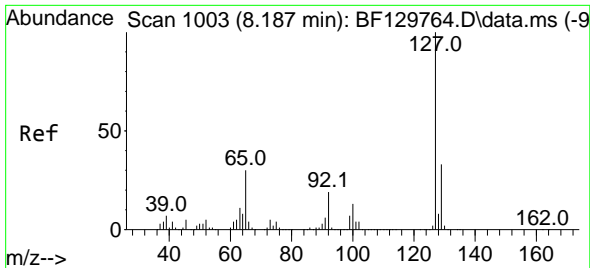


#32  
 Benzoic acid  
 Concen: 48.571 ng  
 RT: 7.910 min Scan# 956  
 Delta R.T. 0.012 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:122 Resp: 158416  
 Ion Ratio Lower Upper  
 122 100  
 105 124.2 99.9 139.9  
 77 91.2 65.9 105.9





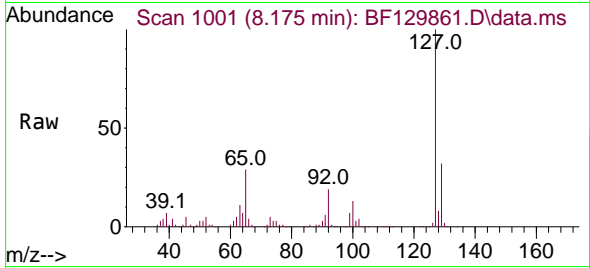
#33  
 4-Chloroaniline  
 Concen: 27.401 ng  
 RT: 8.175 min Scan# 10  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client SampleId :

SB14MSD



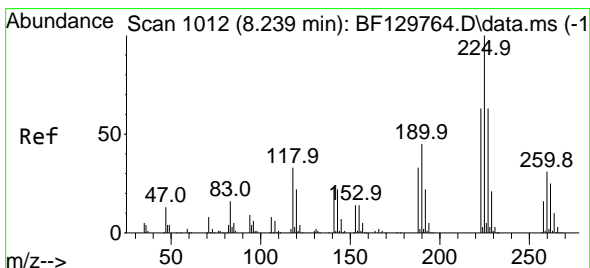
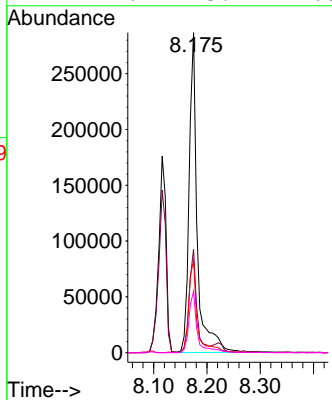
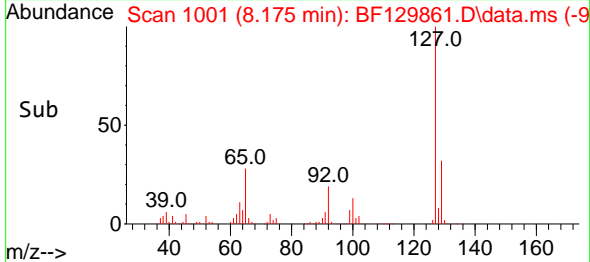
Tgt Ion:127 Resp: 30668

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.3  | 26.7  | 40.1  |
| 65  | 28.8  | 24.2  | 36.2  |
| 92  | 19.2  | 15.2  | 22.8  |

Manual Integrations

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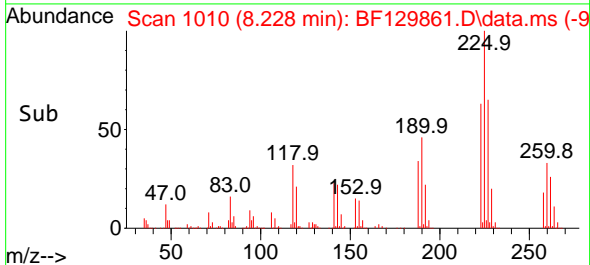
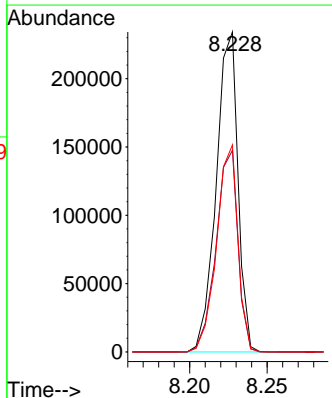
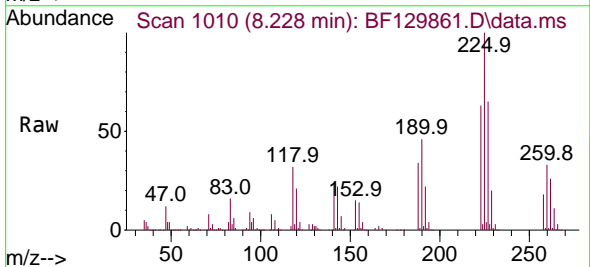
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

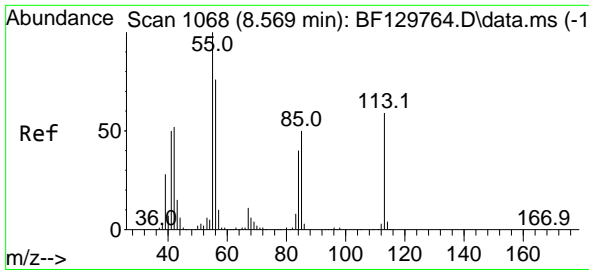


#34  
 Hexachlorobutadiene  
 Concen: 45.201 ng  
 RT: 8.228 min Scan# 1010  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Tgt Ion:225 Resp: 229639

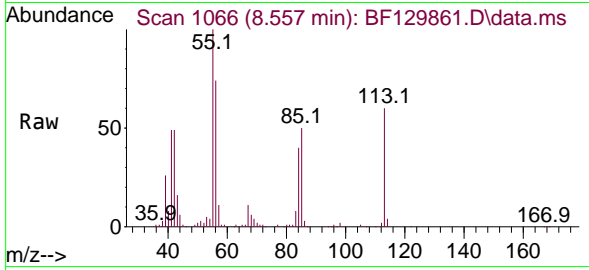
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.0  | 50.2  | 75.2  |
| 227 | 64.7  | 50.6  | 75.8  |





#35  
 Caprolactam  
 Concen: 45.654 ng m  
 RT: 8.557 min Scan# 1066  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

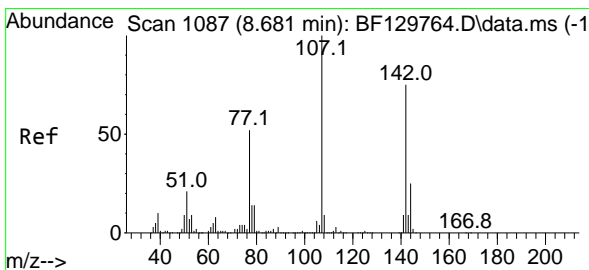
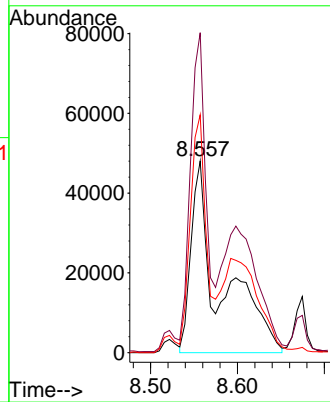
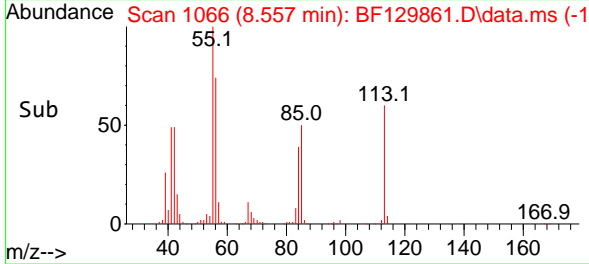
Instrument :  
 BNA\_F  
 ClientSampleID :  
 SB14MSD



Tgt Ion:113 Resp: 112284  
 Ion Ratio Lower Upper  
 113 100  
 55 167.0 148.8 188.8  
 56 124.1 109.1 149.1

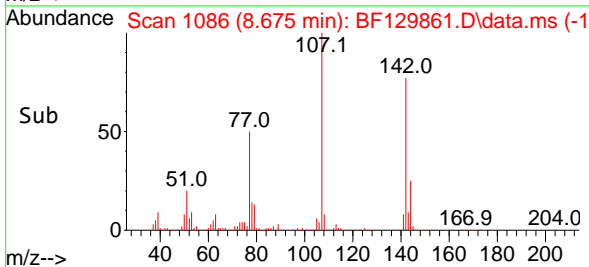
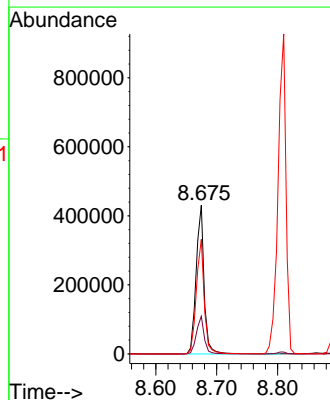
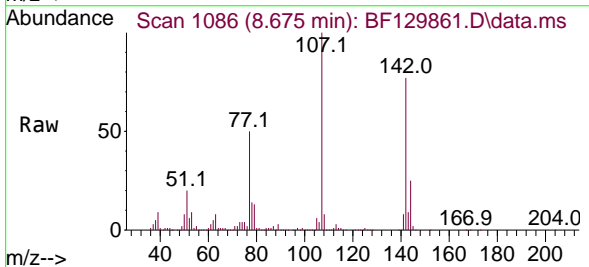
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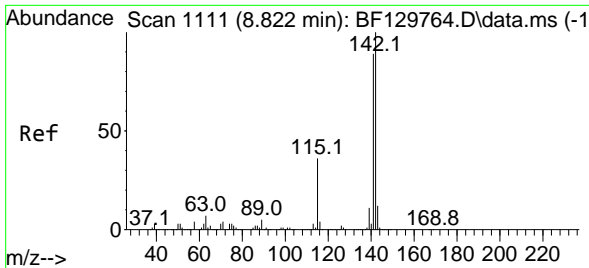
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.132 ng  
 RT: 8.675 min Scan# 1086  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Tgt Ion:107 Resp: 393604  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 19.9 29.9  
 142 77.0 60.2 90.4





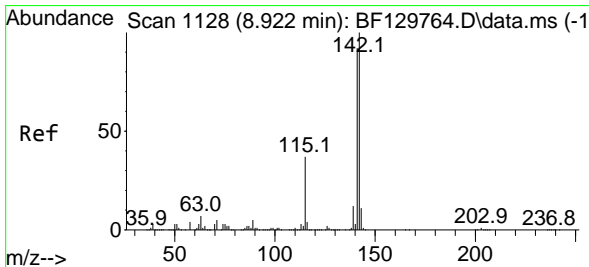
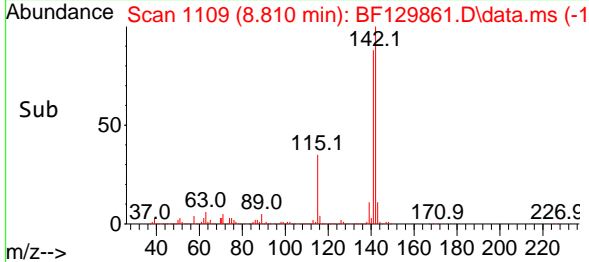
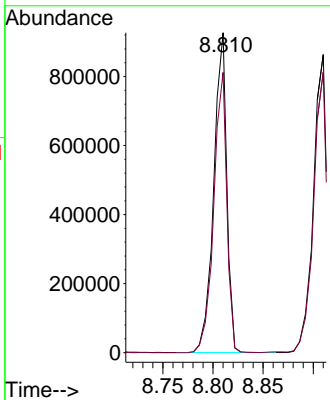
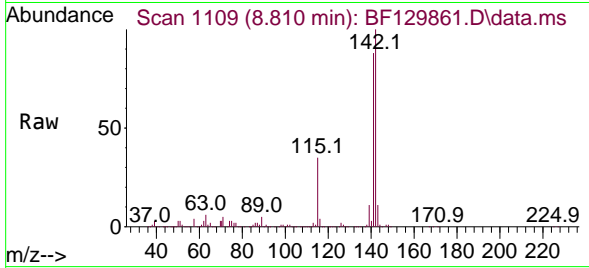
#37  
 2-Methylnaphthalene  
 Concen: 44.982 ng  
 RT: 8.810 min Scan# 1111  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument : BNA\_F  
 ClientSampleId : SB14MSD

Tgt Ion:142 Resp: 840259  
 Ion Ratio Lower Upper  
 142 100  
 141 87.6 70.9 106.3

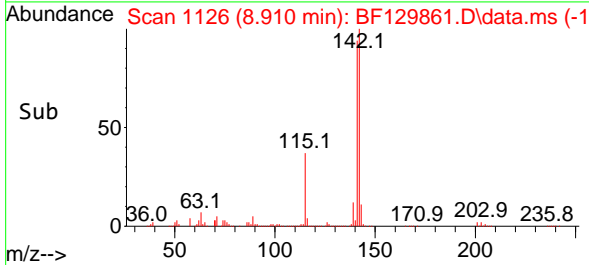
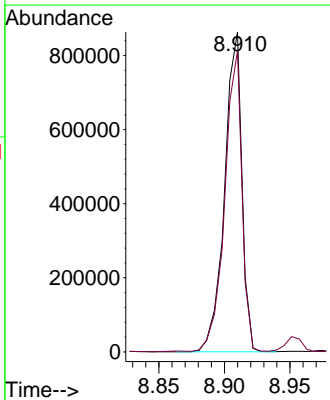
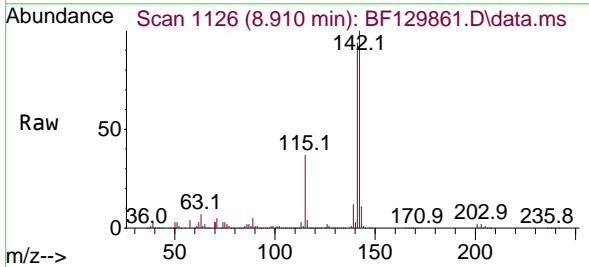
Manual Integrations  
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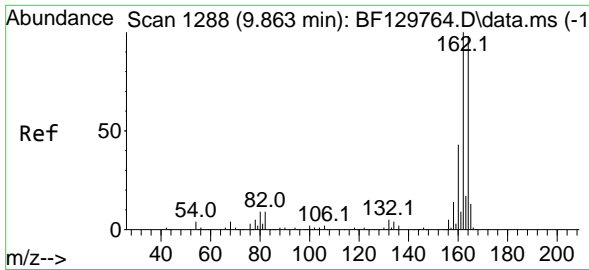
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



#38  
 1-Methylnaphthalene  
 Concen: 43.796 ng  
 RT: 8.910 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Tgt Ion:142 Resp: 795069  
 Ion Ratio Lower Upper  
 142 100  
 141 94.1 73.5 110.3





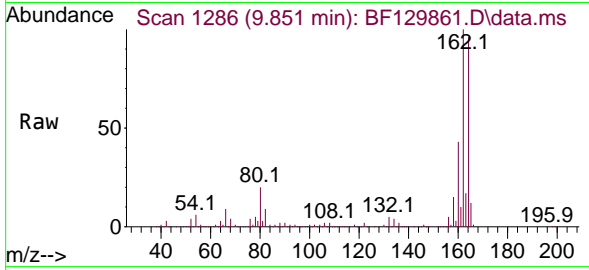
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.851 min Scan# 1137  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

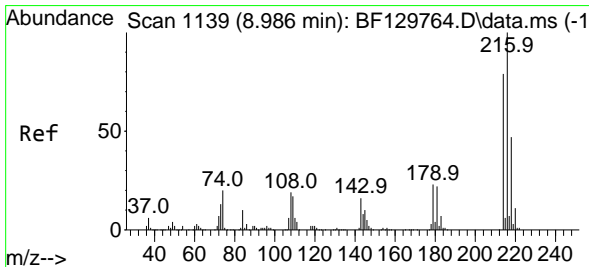
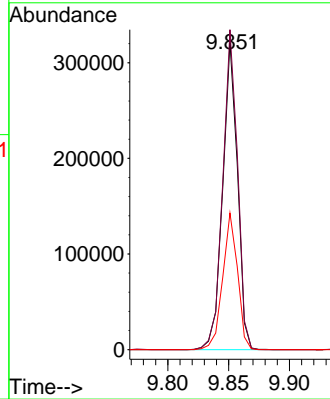
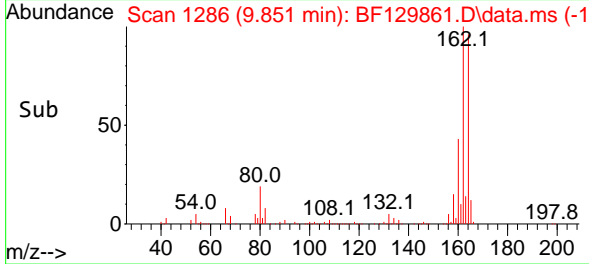


Tgt Ion:164 Resp: 270839  
 Ion Ratio Lower Upper  
 164 100  
 162 104.1 82.0 123.0  
 160 44.4 35.4 53.0

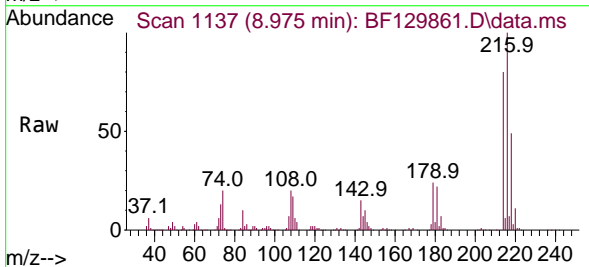
Manual Integrations

APPROVED

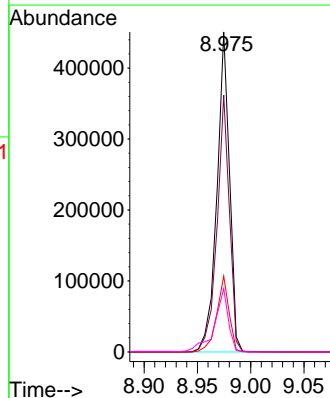
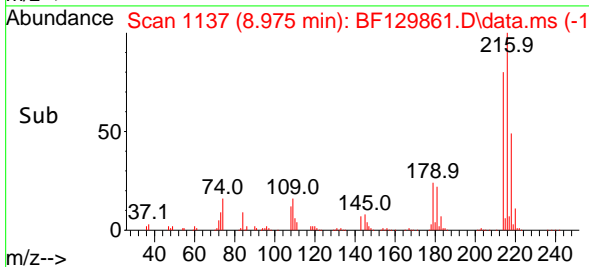
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

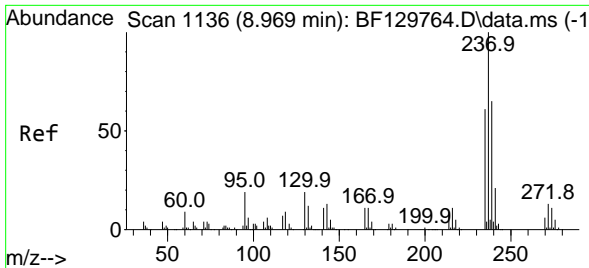


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 49.403 ng  
 RT: 8.975 min Scan# 1137  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



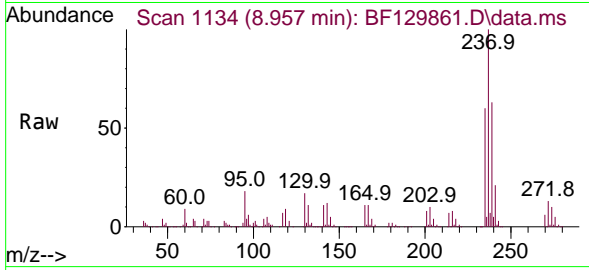
Tgt Ion:216 Resp: 372145  
 Ion Ratio Lower Upper  
 216 100  
 214 78.9 63.1 94.7  
 179 23.1 18.1 27.1  
 108 21.7 15.9 23.9





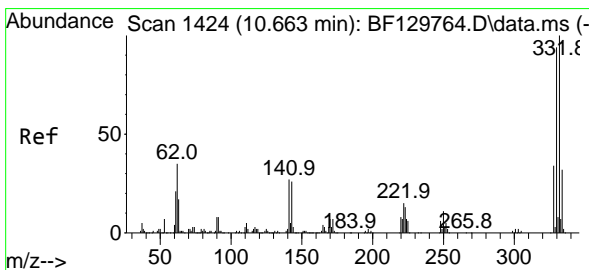
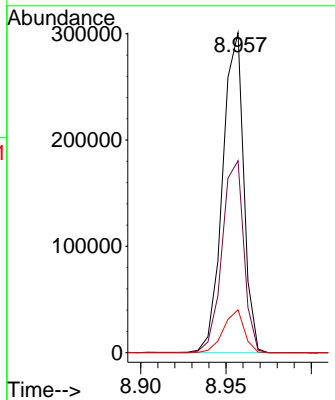
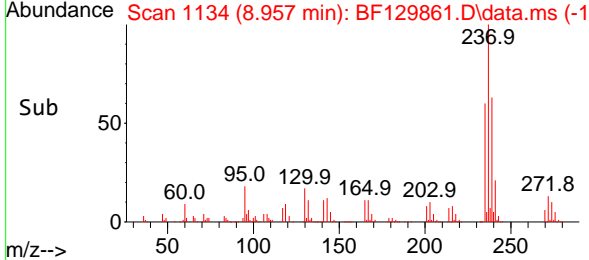
#41  
 Hexachlorocyclopentadiene  
 Concen: 95.073 ng  
 RT: 8.957 min Scan# 1134  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB14MSD

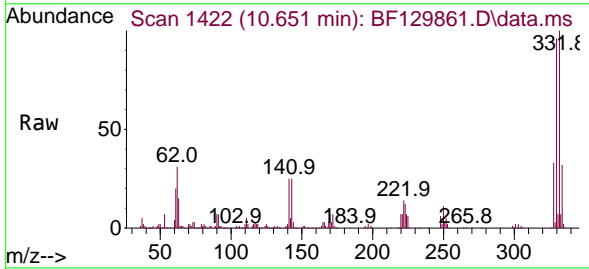


Tgt Ion:237 Resp: 259020  
 Ion Ratio Lower Upper  
 237 100  
 235 60.0 41.5 81.5  
 272 13.4 0.0 33.3

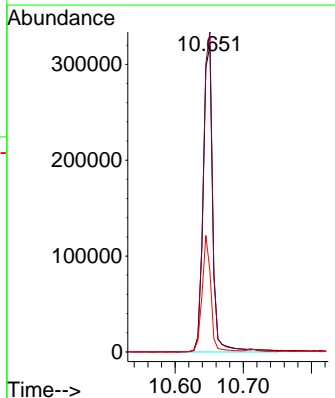
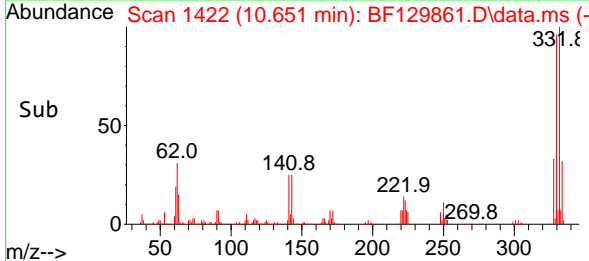
Manual Integrations  
**APPROVED**  
 Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



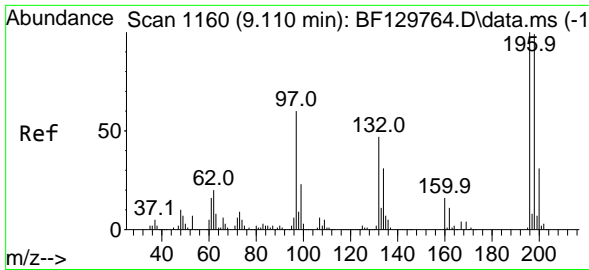
#42  
 2,4,6-Tribromophenol  
 Concen: 114.333 ng  
 RT: 10.651 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:330 Resp: 310788  
 Ion Ratio Lower Upper  
 330 100  
 332 104.4 82.6 124.0  
 141 34.6 27.6 41.4

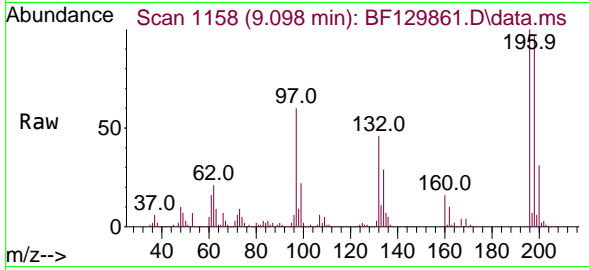






#43  
 2,4,6-Trichlorophenol  
 Concen: 46.838 ng  
 RT: 9.098 min Scan# 1160  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

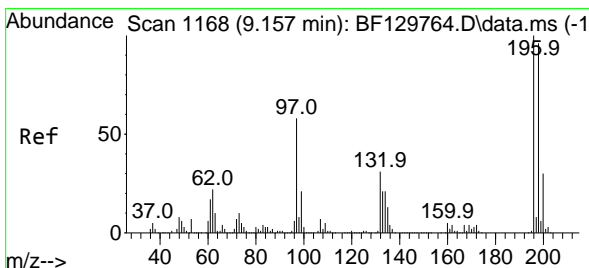
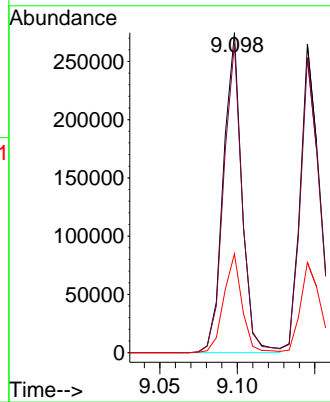
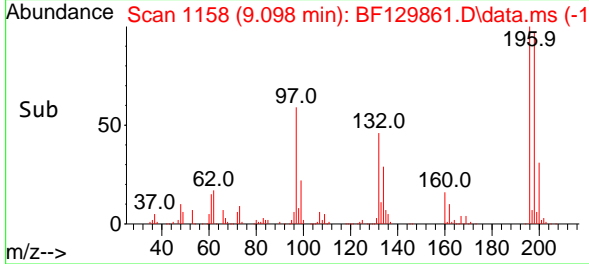
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB14MSD



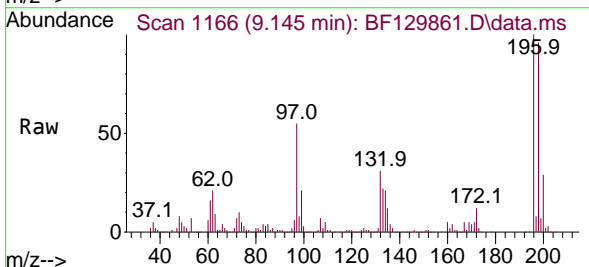
Tgt Ion:196 Resp: 22924  
 Ion Ratio Lower Upper  
 196 100  
 198 96.6 79.0 118.4  
 200 30.9 25.1 37.7

Manual Integrations  
 APPROVED

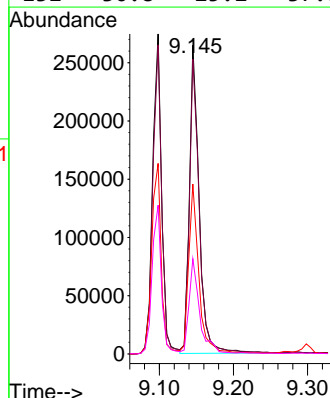
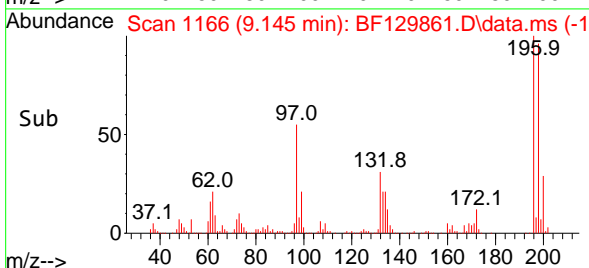
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

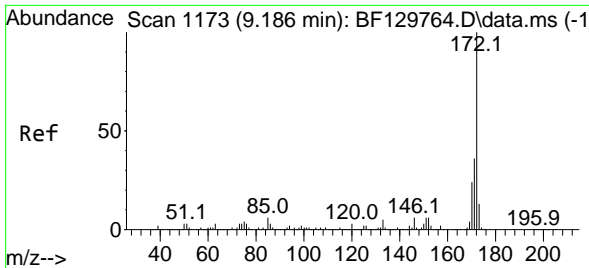


#44  
 2,4,5-Trichlorophenol  
 Concen: 45.961 ng  
 RT: 9.145 min Scan# 1166  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:196 Resp: 242013  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 76.4 114.6  
 97 55.0 46.5 69.7  
 132 30.8 25.2 37.8





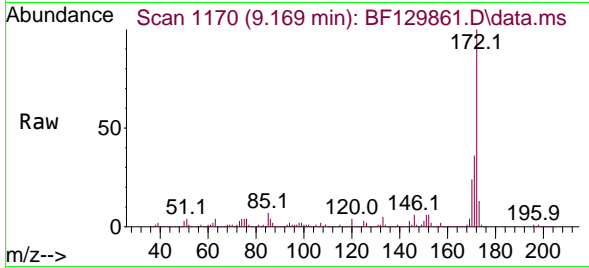
#45  
 2-Fluorobiphenyl  
 Concen: 82.070 ng  
 RT: 9.169 min Scan# 1117  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

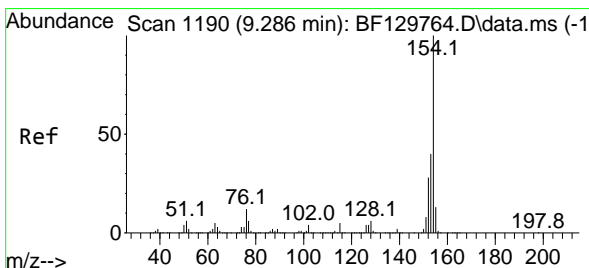
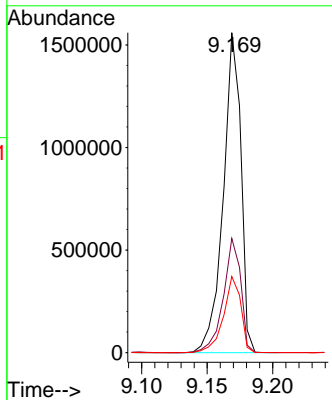
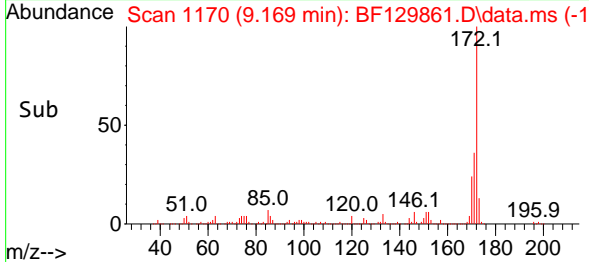


Tgt Ion:172 Resp: 1463496  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.4 42.6  
 170 23.8 19.1 28.7

Manual Integrations

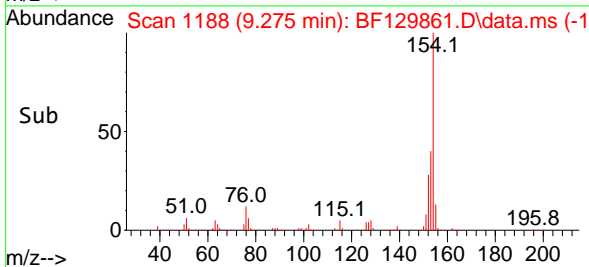
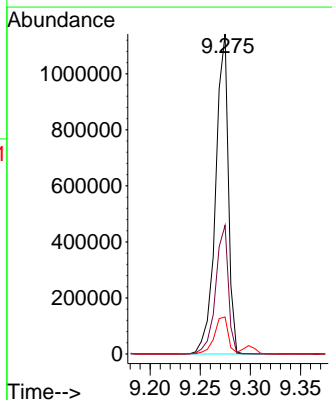
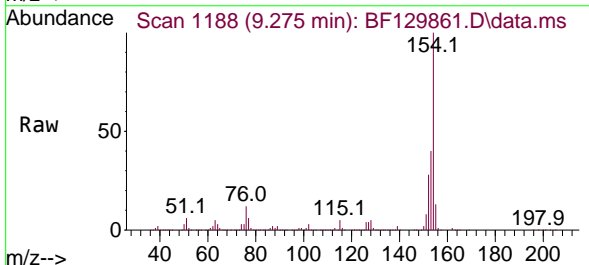
APPROVED

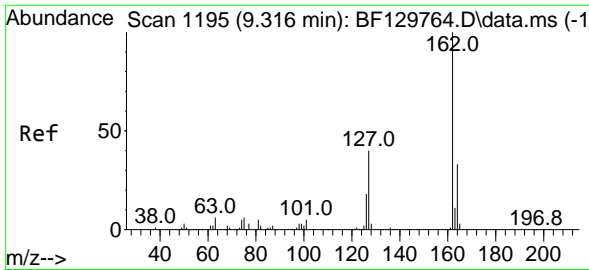
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



#46  
 1,1'-Biphenyl  
 Concen: 49.099 ng  
 RT: 9.275 min Scan# 1188  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Tgt Ion:154 Resp: 1010228  
 Ion Ratio Lower Upper  
 154 100  
 153 40.2 20.2 60.2  
 76 11.5 0.0 32.1





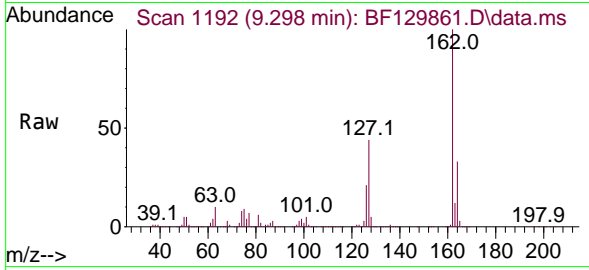
#47  
 2-Chloronaphthalene  
 Concen: 48.072 ng  
 RT: 9.298 min Scan# 1192  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

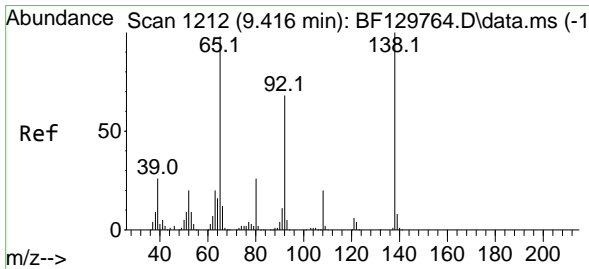
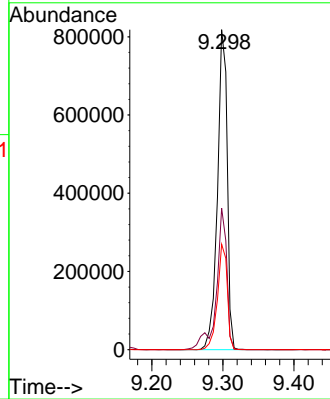
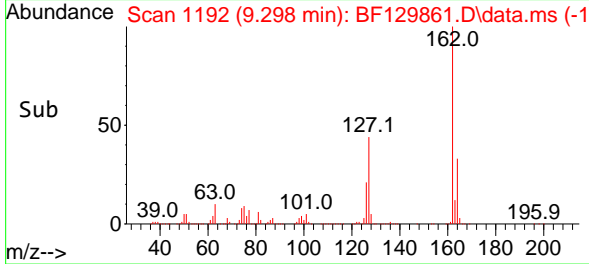


Tgt Ion:162 Resp: 78260  
 Ion Ratio Lower Upper  
 162 100  
 127 44.2 33.1 49.7  
 164 32.9 26.7 40.1

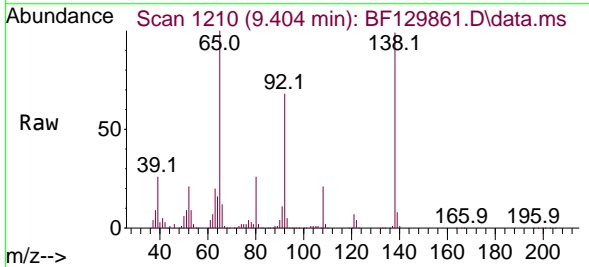
Manual Integrations

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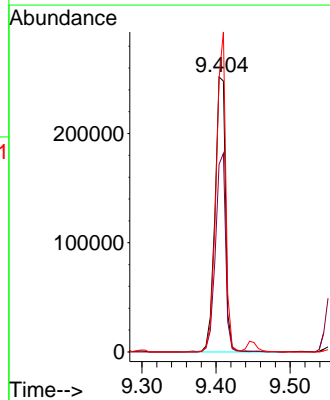
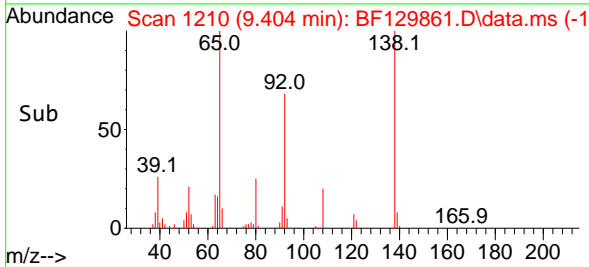
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

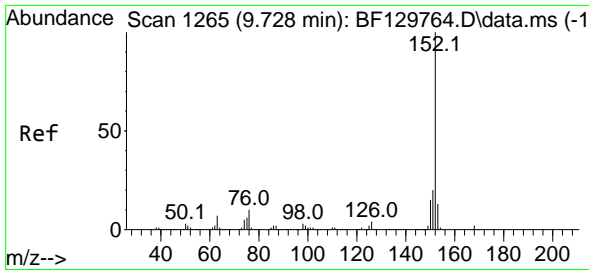


#48  
 2-Nitroaniline  
 Concen: 48.475 ng  
 RT: 9.404 min Scan# 1210  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



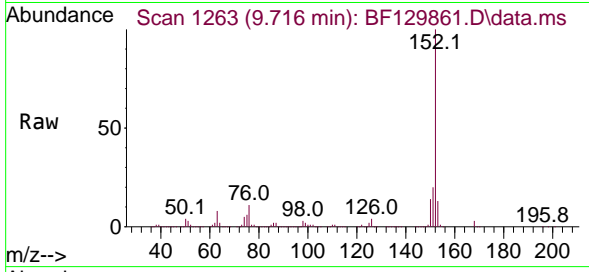
Tgt Ion: 65 Resp: 249392  
 Ion Ratio Lower Upper  
 65 100  
 92 68.3 55.0 82.4  
 138 99.4 81.3 121.9





#49  
 Acenaphthylene  
 Concen: 47.135 ng  
 RT: 9.716 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

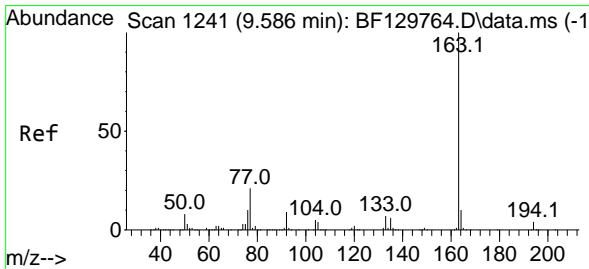
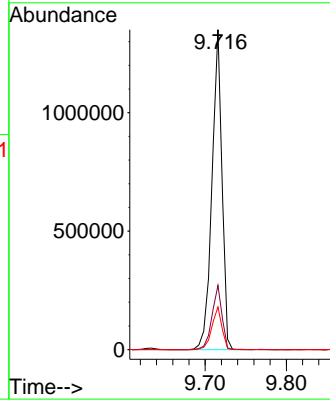
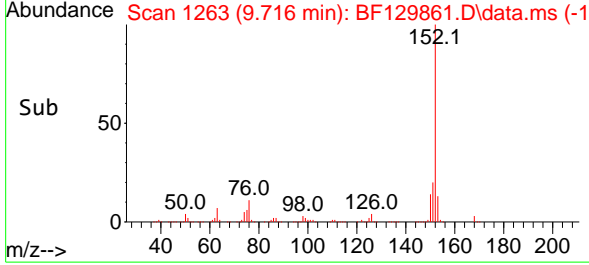
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB14MSD



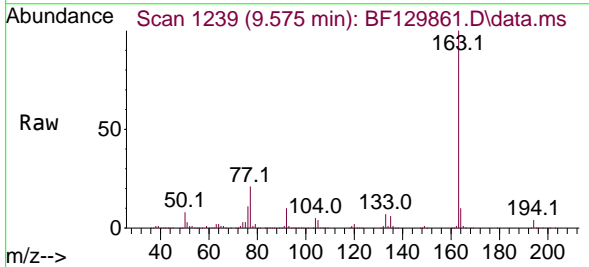
Tgt Ion:152 Resp: 1163614  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 16.1 24.1  
 153 13.3 10.6 16.0

Manual Integrations  
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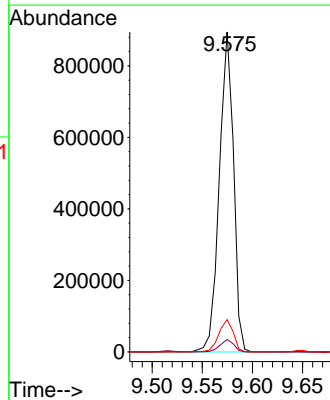
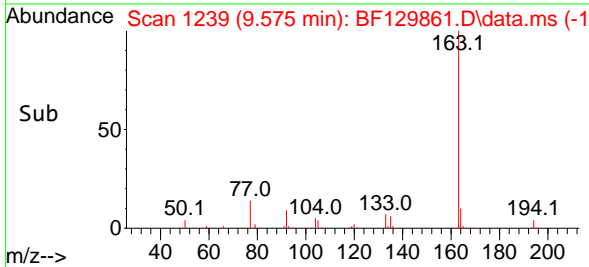
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

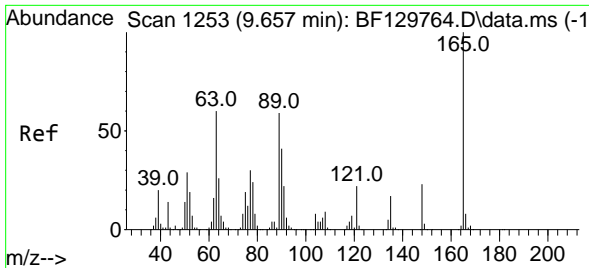


#50  
 Dimethylphthalate  
 Concen: 45.456 ng  
 RT: 9.575 min Scan# 1239  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:163 Resp: 882558  
 Ion Ratio Lower Upper  
 163 100  
 194 3.9 3.3 4.9  
 164 10.1 8.2 12.2





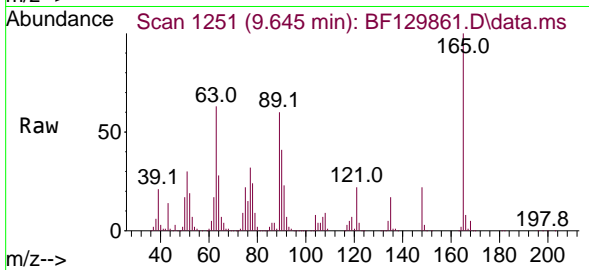
#51  
 2,6-Dinitrotoluene  
 Concen: 47.199 ng  
 RT: 9.645 min Scan# 1251  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampled :

SB14MSD

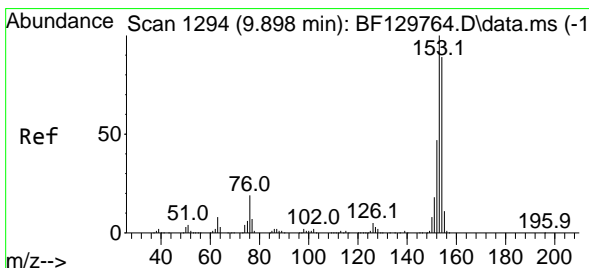
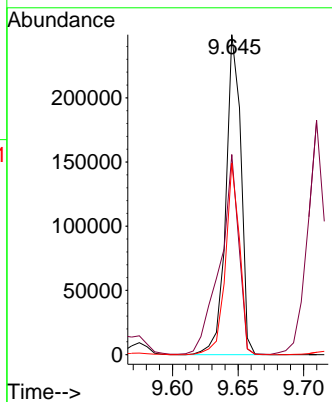
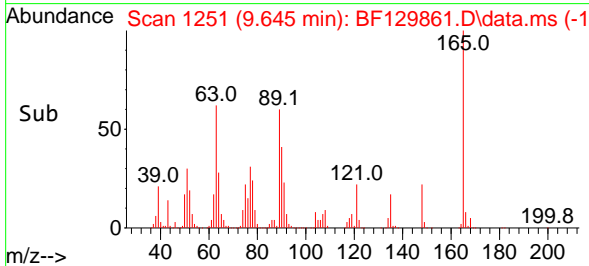


Tgt Ion:165 Resp: 198786  
 Ion Ratio Lower Upper  
 165 100  
 63 62.5 47.8 71.8  
 89 59.9 47.2 70.8

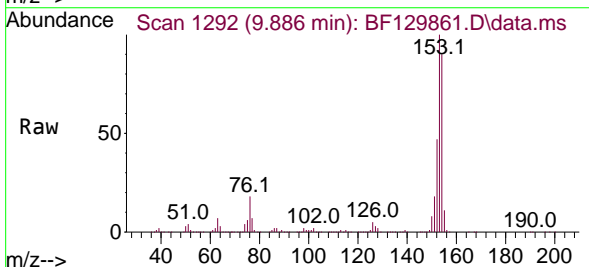
Manual Integrations

APPROVED

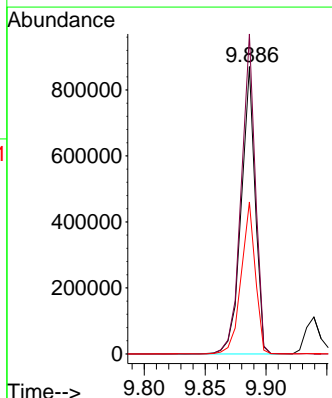
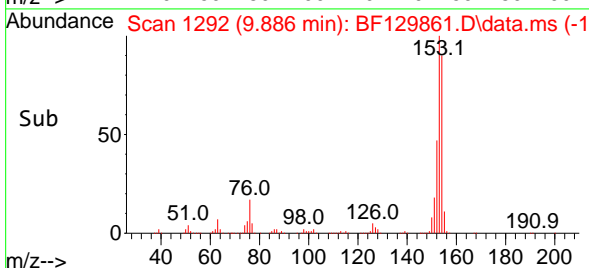
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

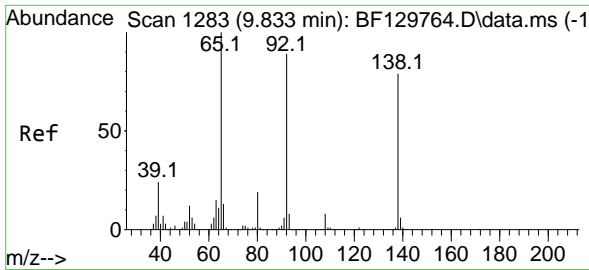


#52  
 Acenaphthene  
 Concen: 46.723 ng  
 RT: 9.886 min Scan# 1292  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



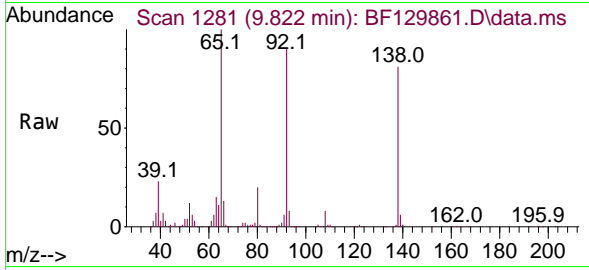
Tgt Ion:154 Resp: 699807  
 Ion Ratio Lower Upper  
 154 100  
 153 111.4 89.8 134.6  
 152 52.9 42.1 63.1





#53  
 3-Nitroaniline  
 Concen: 34.085 ng  
 RT: 9.822 min Scan# 1281  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

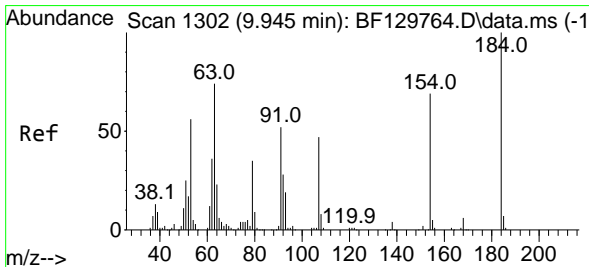
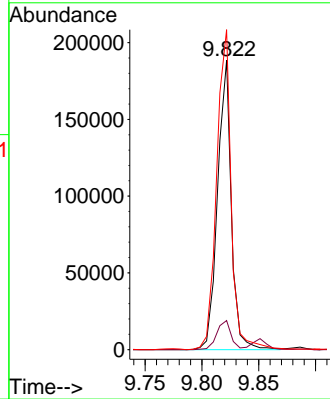
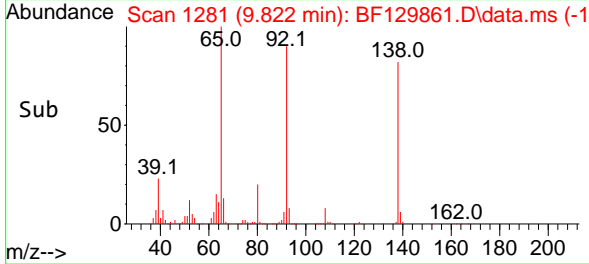
Instrument :  
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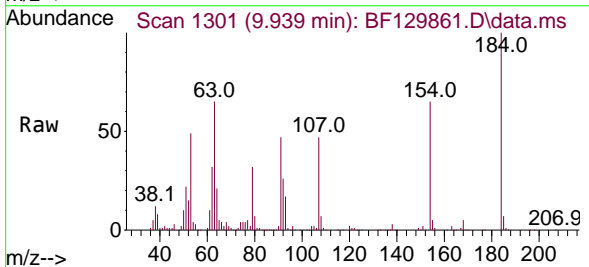
Tgt Ion:138 Resp: 158754  
 Ion Ratio Lower Upper  
 138 100  
 108 10.0 8.4 12.6  
 92 110.7 89.8 134.8

Manual Integrations  
 APPROVED

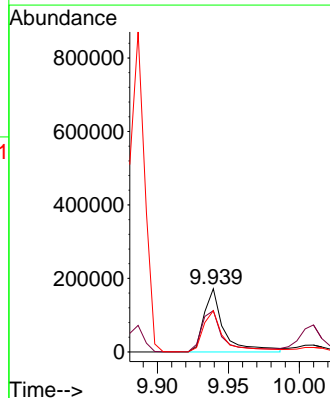
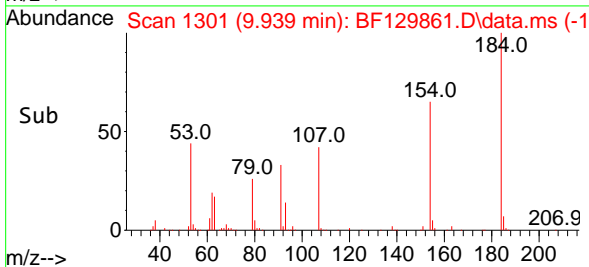
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

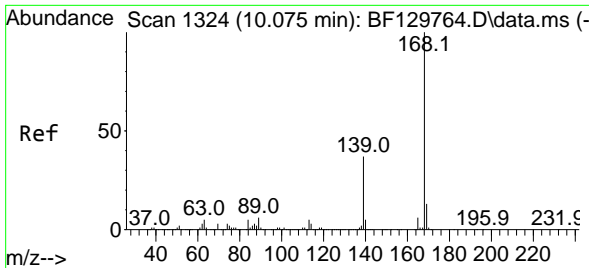


#54  
 2,4-Dinitrophenol  
 Concen: 87.613 ng  
 RT: 9.939 min Scan# 1301  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:184 Resp: 167896  
 Ion Ratio Lower Upper  
 184 100  
 63 65.3 59.6 89.4  
 154 65.2 55.3 82.9





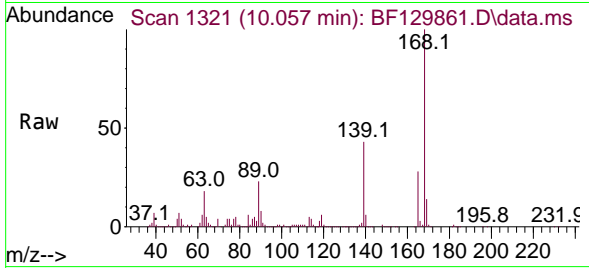
#55  
 Dibenzofuran  
 Concen: 46.064 ng  
 RT: 10.057 min Scan# 1321  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

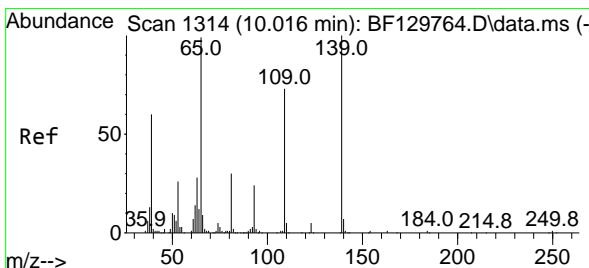
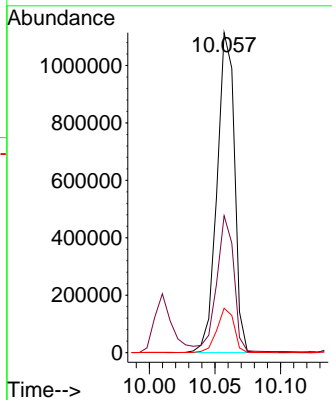
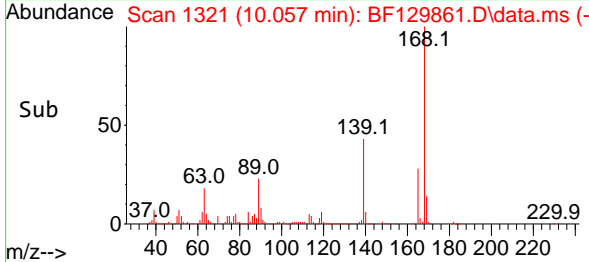


Tgt Ion:168 Resp: 103652  
 Ion Ratio Lower Upper  
 168 100  
 139 42.8 31.3 46.9  
 169 13.9 10.7 16.1

Manual Integrations

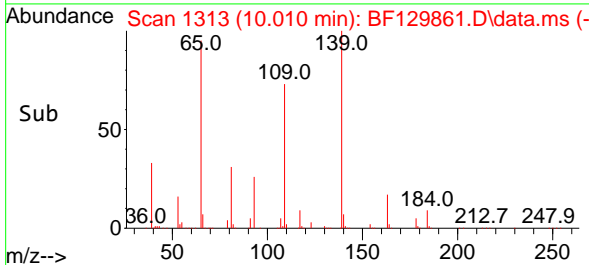
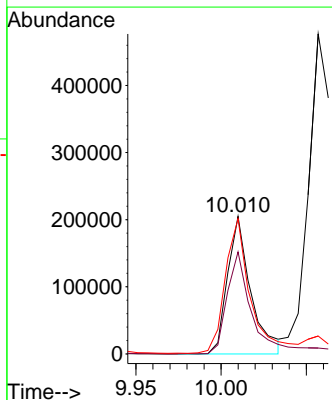
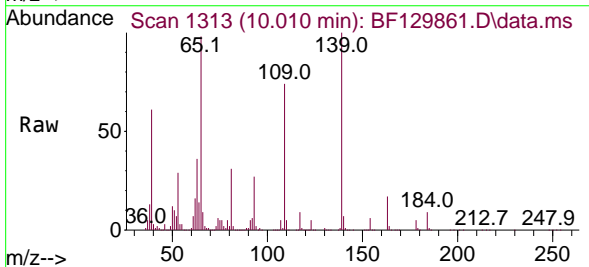
APPROVED

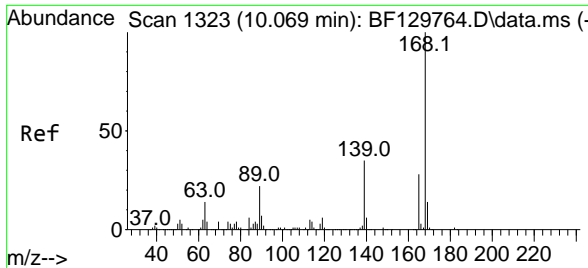
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



#56  
 4-Nitrophenol  
 Concen: 93.807 ng  
 RT: 10.010 min Scan# 1313  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Tgt Ion:139 Resp: 194376  
 Ion Ratio Lower Upper  
 139 100  
 109 74.2 52.9 92.9  
 65 98.4 79.5 119.5





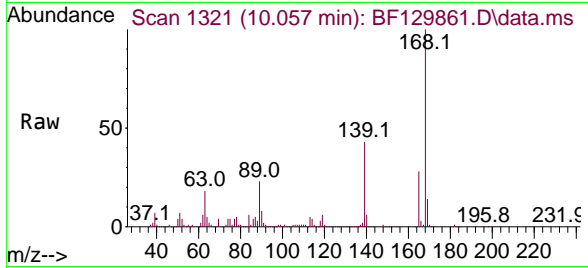
#57  
 2,4-Dinitrotoluene  
 Concen: 45.757 ng  
 RT: 10.057 min Scan# 1321  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD



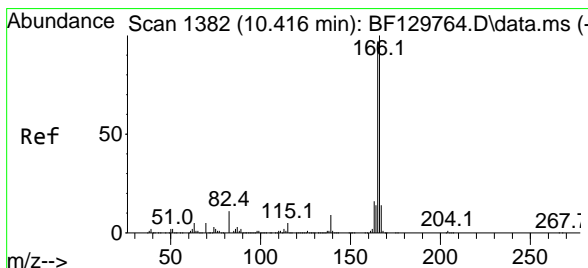
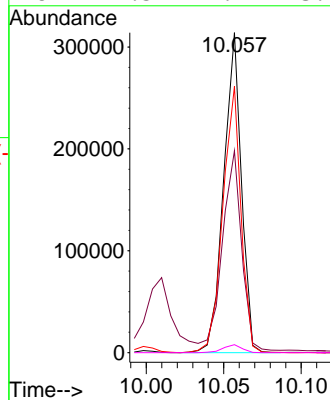
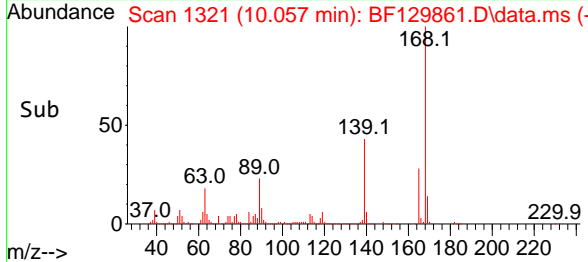
Tgt Ion:165 Resp: 250168

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 63.1  | 48.4  | 72.6  |
| 89  | 83.2  | 62.3  | 93.5  |
| 182 | 2.5   | 2.1   | 3.1   |

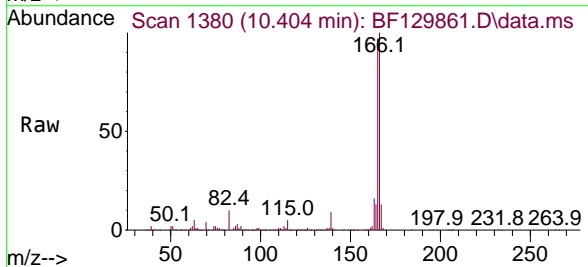
Manual Integrations

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 Supervised By :Jagrut Upadhyay 08/18/2022

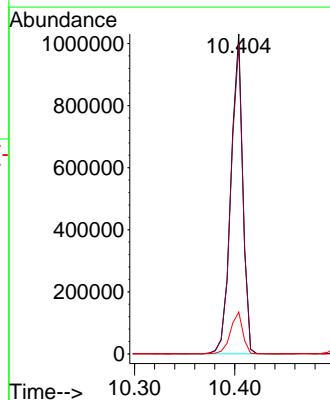
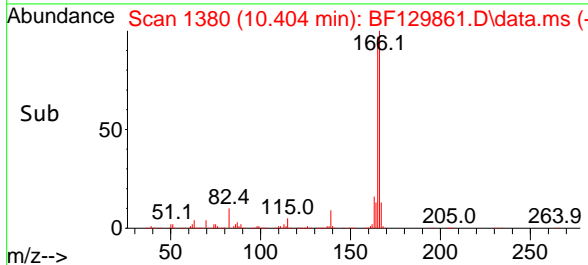


#58  
 Fluorene  
 Concen: 45.039 ng  
 RT: 10.404 min Scan# 1380  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

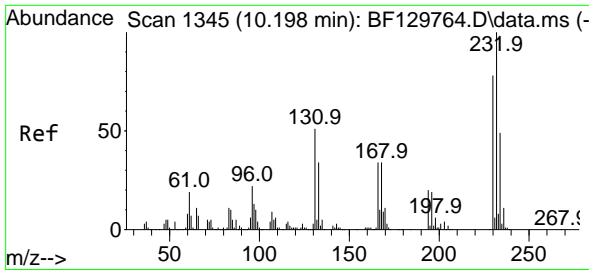


Tgt Ion:166 Resp: 846204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 96.9  | 77.9  | 116.9 |
| 167 | 13.1  | 11.0  | 16.4  |

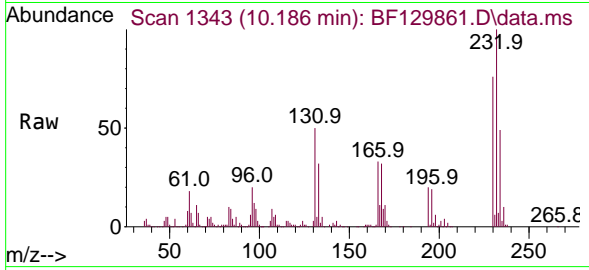






#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.558 ng  
 RT: 10.186 min Scan# 1343  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

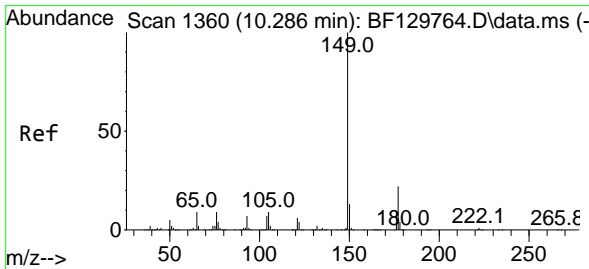
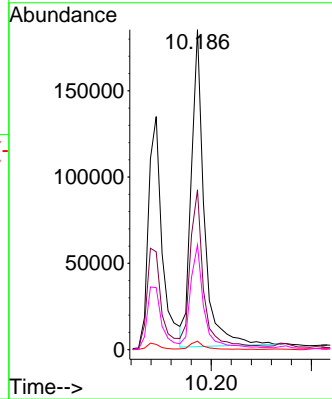
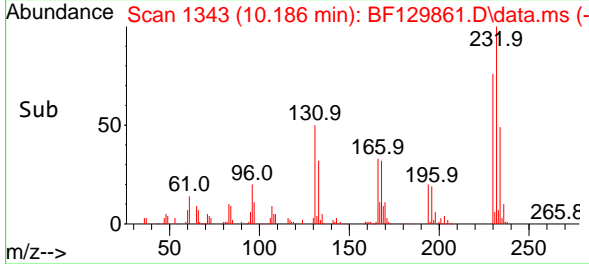
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB14MSD



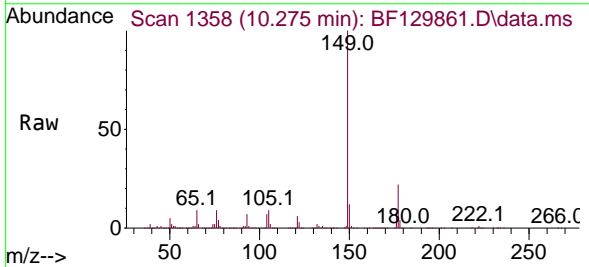
Tgt Ion:232 Resp: 164458  
 Ion Ratio Lower Upper  
 232 100  
 131 50.3 29.9 44.9  
 130 3.2 1.5 2.3  
 166 33.7 17.8 26.8#

Manual Integrations  
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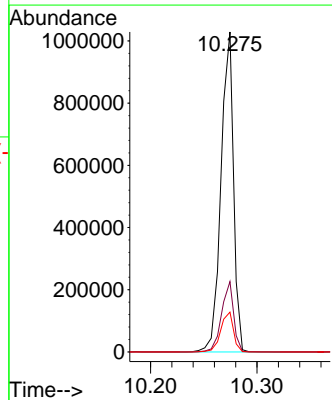
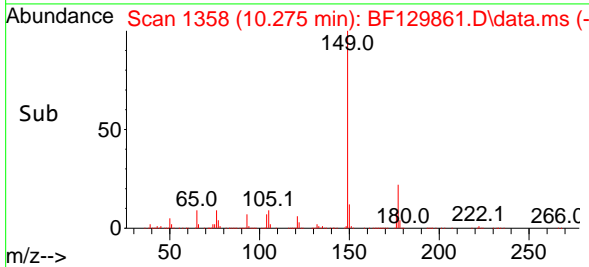
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

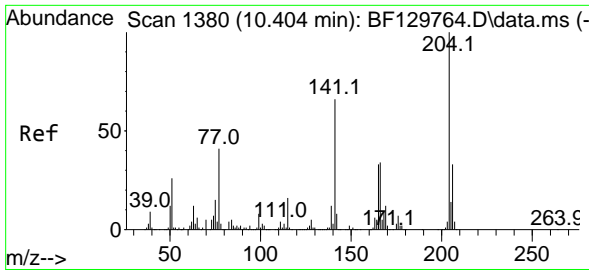


#60  
 Diethylphthalate  
 Concen: 43.573 ng  
 RT: 10.275 min Scan# 1358  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:149 Resp: 843544  
 Ion Ratio Lower Upper  
 149 100  
 177 22.0 17.7 26.5  
 150 12.4 10.1 15.1





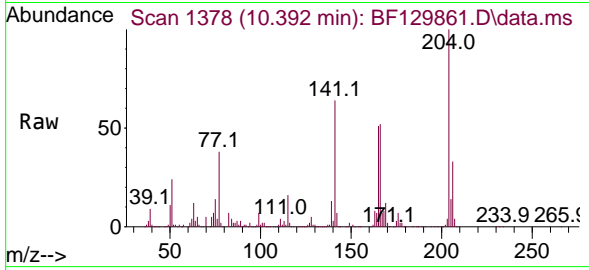
#61  
 4-Chlorophenyl-phenylether  
 Concen: 45.678 ng  
 RT: 10.392 min Scan# 1378  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

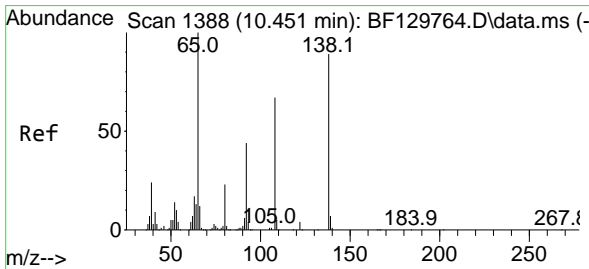
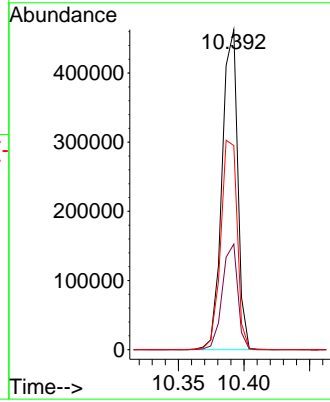
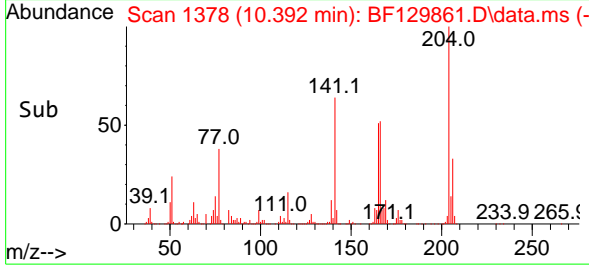


Tgt Ion:204 Resp: 38513  
 Ion Ratio Lower Upper  
 204 100  
 206 33.0 26.5 39.7  
 141 63.8 52.6 79.0

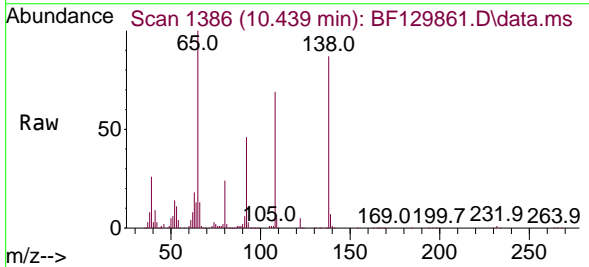
Manual Integrations

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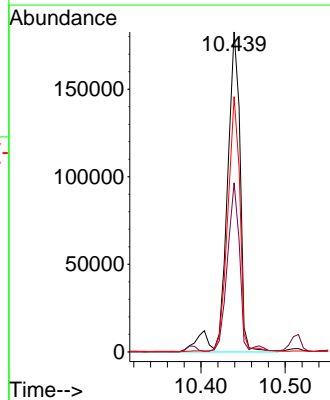
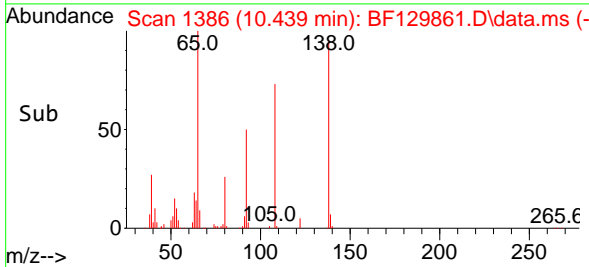
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

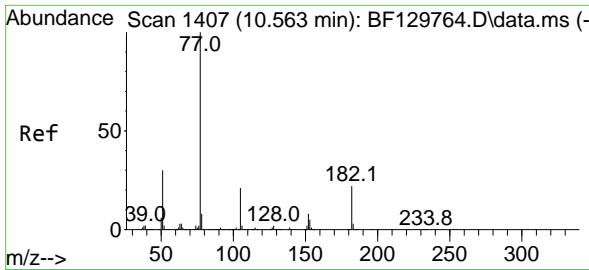


#62  
 4-Nitroaniline  
 Concen: 42.263 ng m  
 RT: 10.439 min Scan# 1386  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:138 Resp: 198584  
 Ion Ratio Lower Upper  
 138 100  
 92 52.8 30.3 70.3  
 108 79.8 55.7 95.7





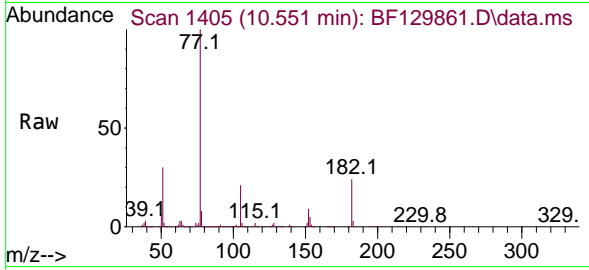
#63  
 Azobenzene  
 Concen: 44.461 ng  
 RT: 10.551 min Scan# 1405  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

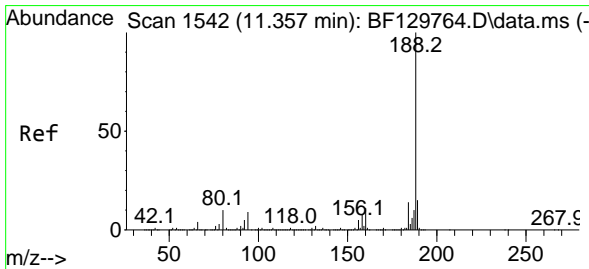
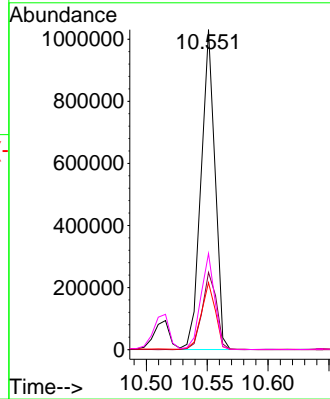
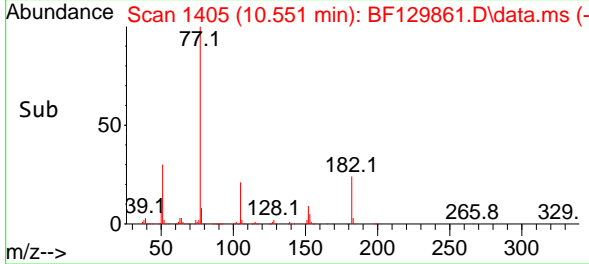


Tgt Ion: 77 Resp: 822734  
 Ion Ratio Lower Upper  
 77 100  
 182 24.1 2.2 42.2  
 105 20.9 0.8 40.8  
 51 30.0 10.3 50.3

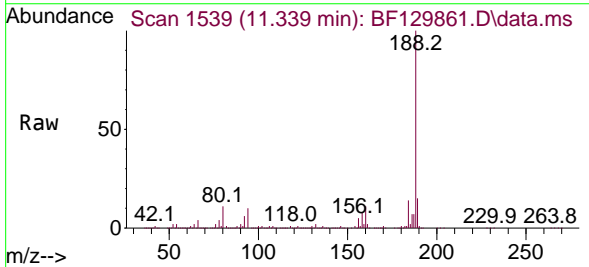
Manual Integrations

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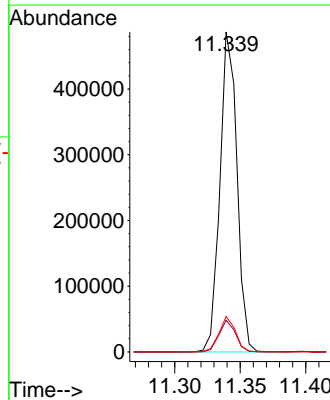
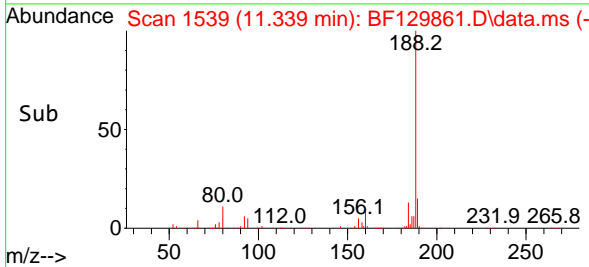
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

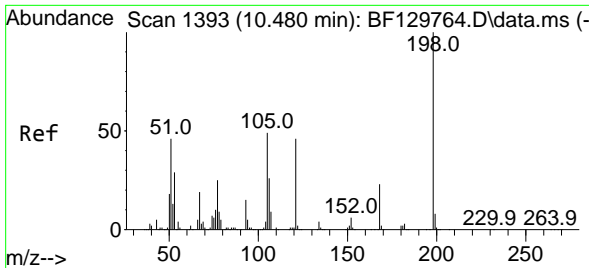


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.339 min Scan# 1539  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:188 Resp: 440649  
 Ion Ratio Lower Upper  
 188 100  
 94 9.9 7.4 11.2  
 80 11.1 7.9 11.9





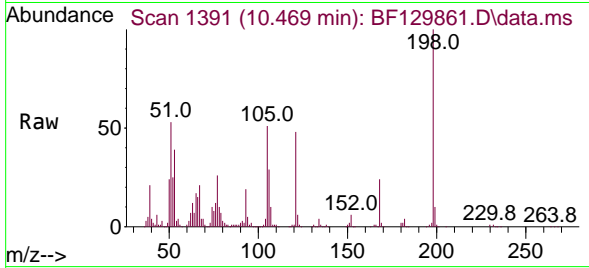
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 46.608 ng  
 RT: 10.469 min Scan# 1391  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

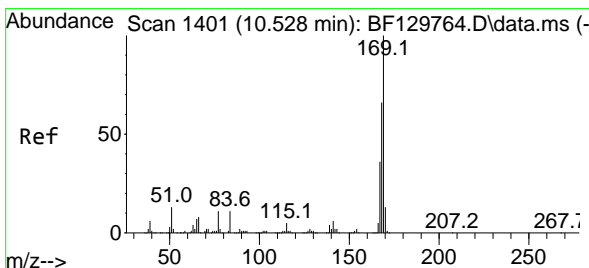
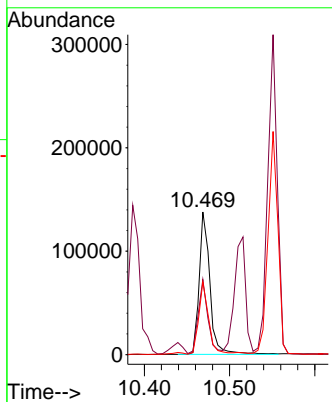
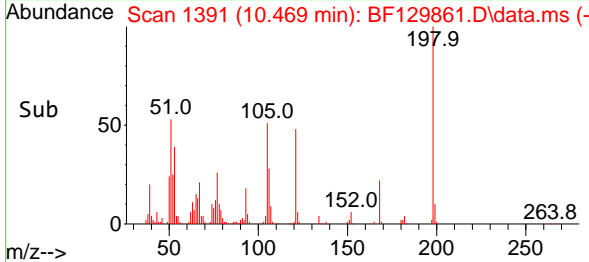
SB14MSD



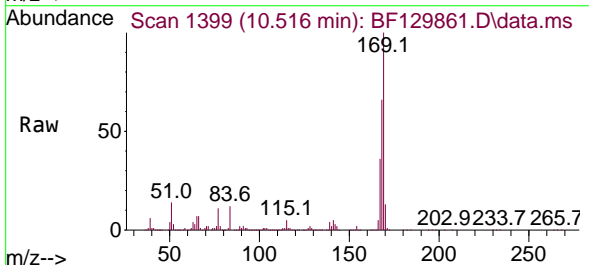
Tgt Ion:198 Resp: 120568  
 Ion Ratio Lower Upper  
 198 100  
 51 52.7 29.4 69.4  
 105 51.0 29.2 69.2

Manual Integrations  
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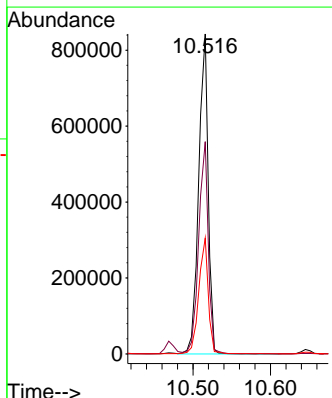
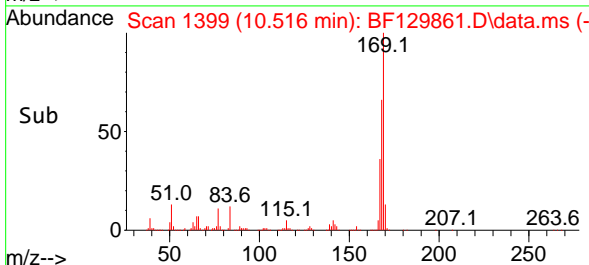
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

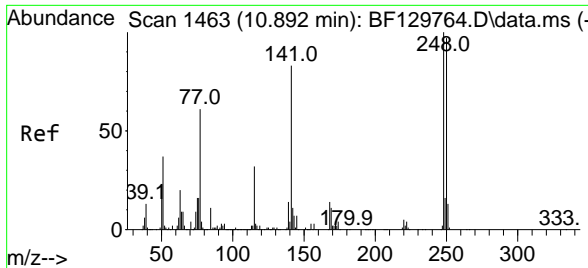


#66  
 n-Nitrosodiphenylamine  
 Concen: 48.275 ng  
 RT: 10.516 min Scan# 1399  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



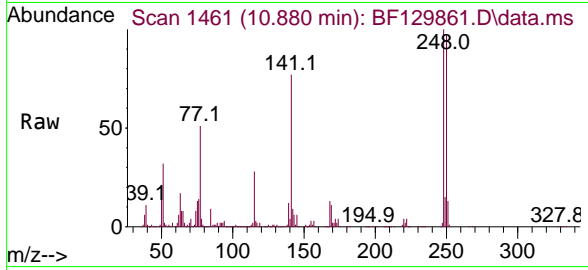
Tgt Ion:169 Resp: 717991  
 Ion Ratio Lower Upper  
 169 100  
 168 66.3 53.4 80.2  
 167 36.2 29.1 43.7





#67  
 4-Bromophenyl-phenylether  
 Concen: 46.535 ng  
 RT: 10.880 min Scan# 1461  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

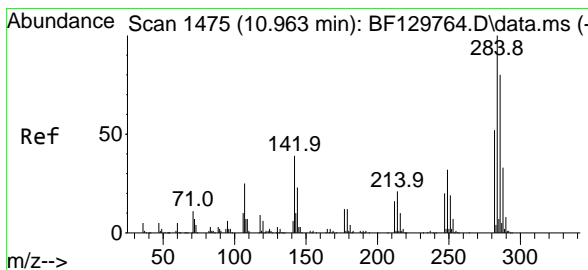
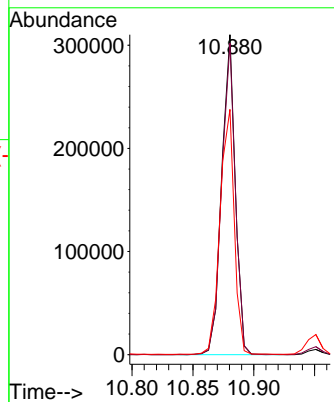
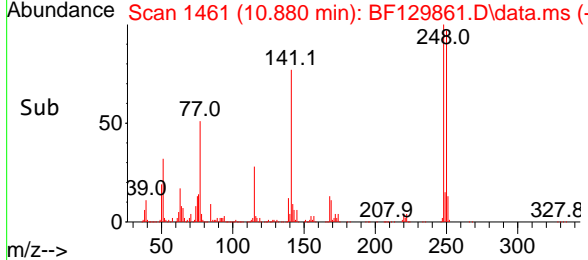
Instrument : BNA\_F  
 ClientSampleId : SB14MSD



Tgt Ion:248 Resp: 24017  
 Ion Ratio Lower Upper  
 248 100  
 250 97.3 77.8 116.6  
 141 76.6 66.2 99.2

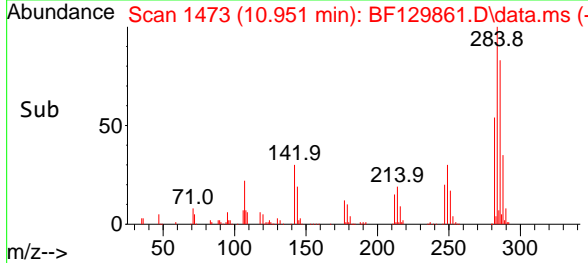
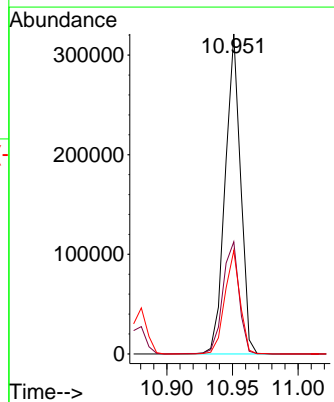
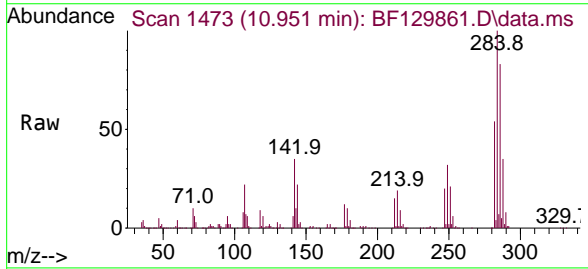
Manual Integrations  
**APPROVED**

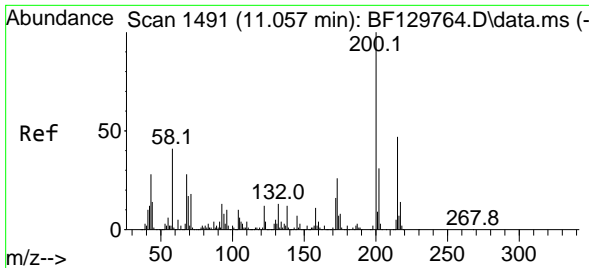
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



#68  
 Hexachlorobenzene  
 Concen: 46.980 ng  
 RT: 10.951 min Scan# 1473  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

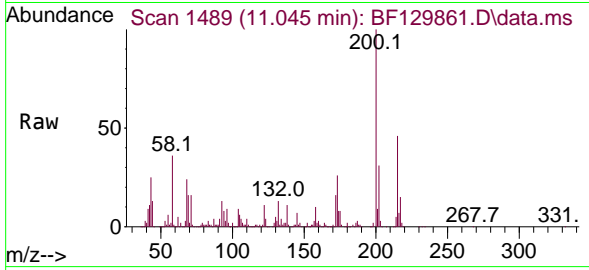
Tgt Ion:284 Resp: 262651  
 Ion Ratio Lower Upper  
 284 100  
 142 35.0 31.4 47.0  
 249 32.3 25.7 38.5





#69  
 Atrazine  
 Concen: 49.336 ng  
 RT: 11.045 min Scan# 1491  
 Delta R.T. 0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

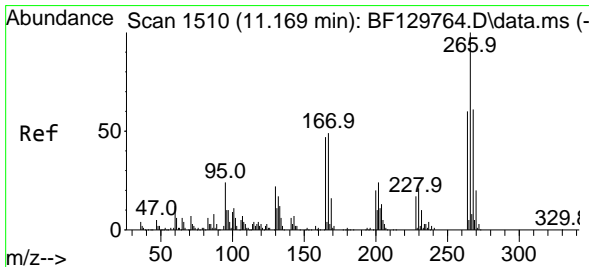
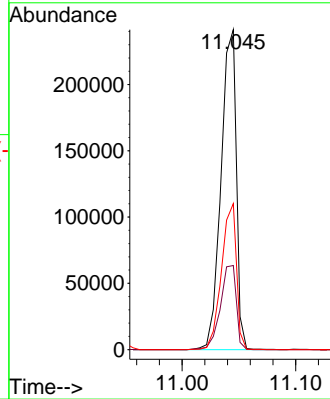
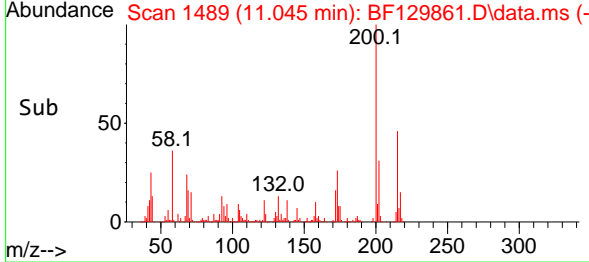
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB14MSD



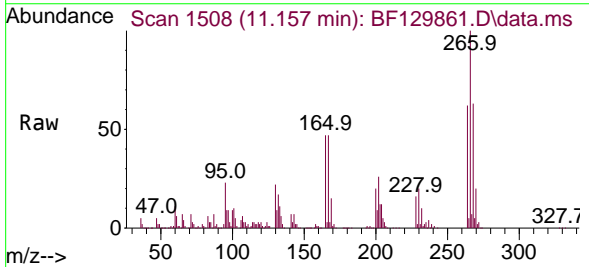
Tgt Ion:200 Resp: 225211  
 Ion Ratio Lower Upper  
 200 100  
 173 26.3 6.4 46.4  
 215 45.6 27.1 67.1

Manual Integrations  
 APPROVED

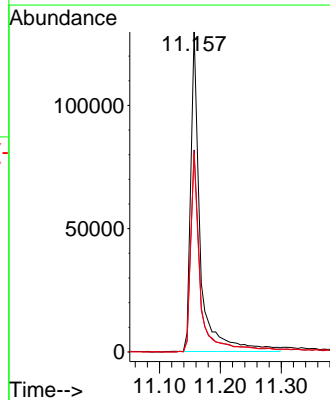
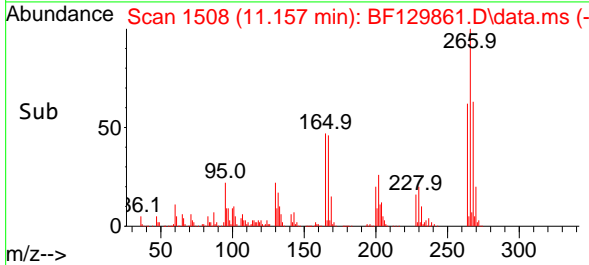
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

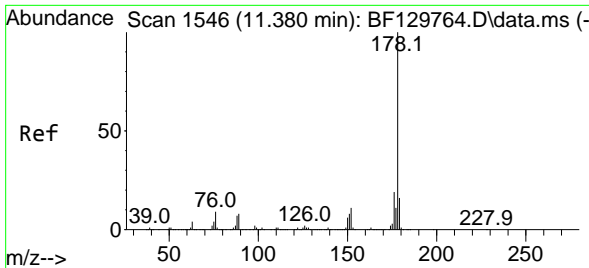


#70  
 Pentachlorophenol  
 Concen: 84.331 ng  
 RT: 11.157 min Scan# 1508  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



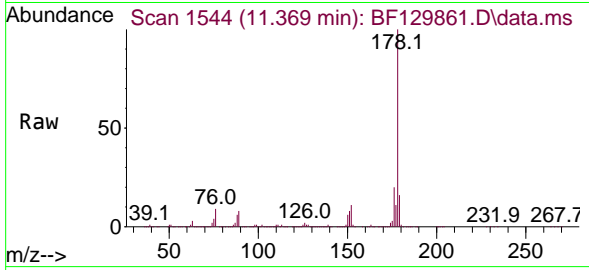
Tgt Ion:266 Resp: 141828  
 Ion Ratio Lower Upper  
 266 100  
 268 63.1 49.0 73.4  
 264 62.2 47.9 71.9





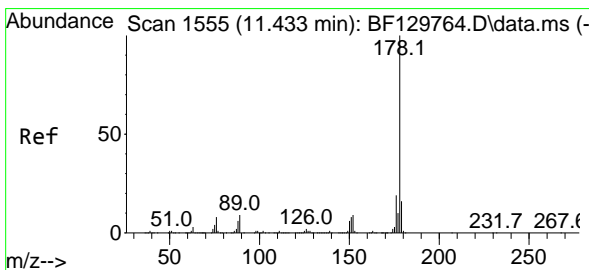
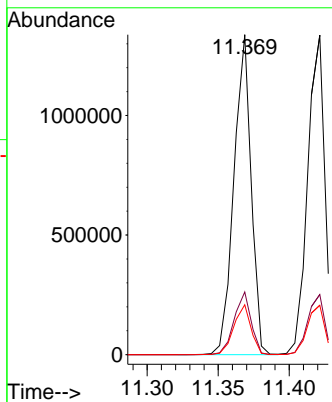
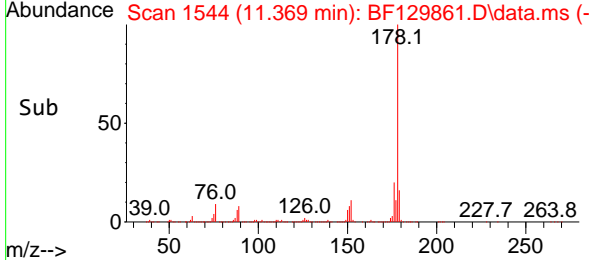
#71  
 Phenanthrene  
 Concen: 45.725 ng  
 RT: 11.369 min Scan# 11369  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument : BNA\_F  
 ClientSampleId : SB14MSD

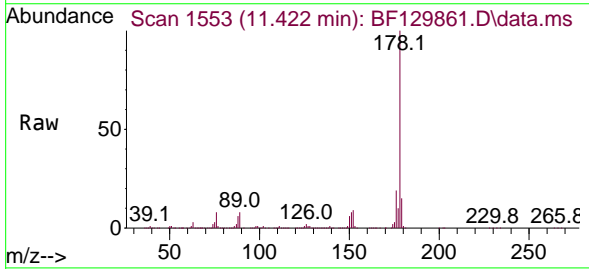


Tgt Ion:178 Resp: 1125302  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.5 23.3  
 179 15.6 12.5 18.7

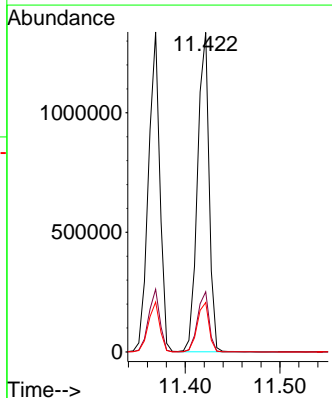
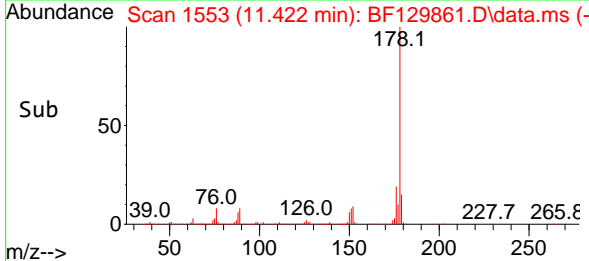
Manual Integrations  
**APPROVED**  
 Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

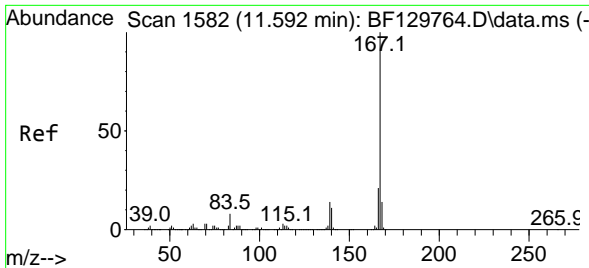


#72  
 Anthracene  
 Concen: 46.132 ng  
 RT: 11.422 min Scan# 1553  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:178 Resp: 1129005  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.1 22.7  
 179 15.4 12.6 18.8





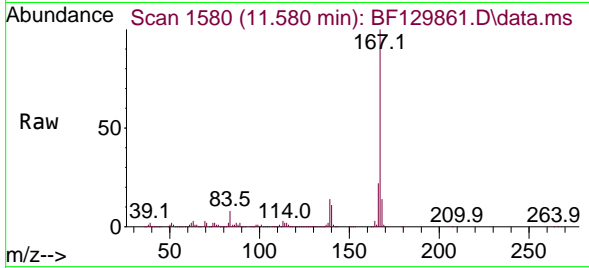
#73  
 Carbazole  
 Concen: 45.491 ng  
 RT: 11.580 min Scan# 11580  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

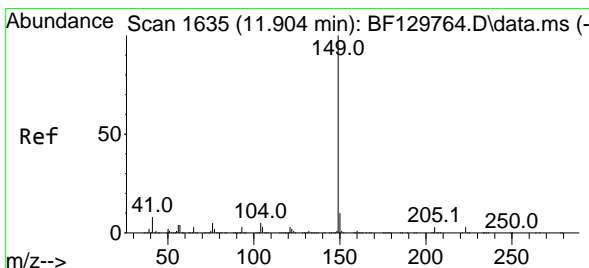
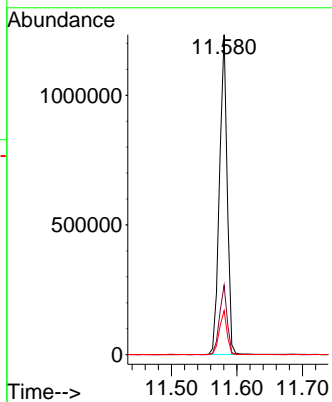
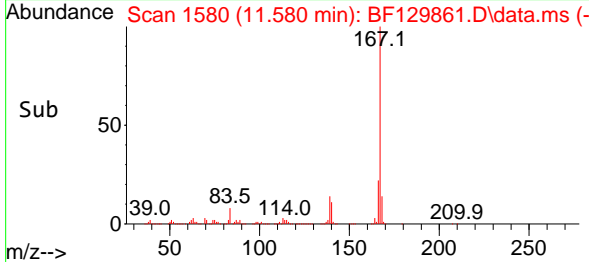


Tgt Ion:167 Resp: 1010640  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.1 25.7  
 139 13.7 11.0 16.6

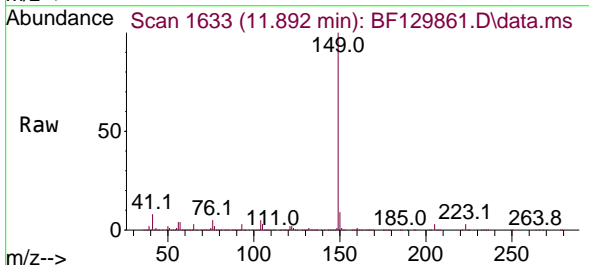
Manual Integrations

APPROVED

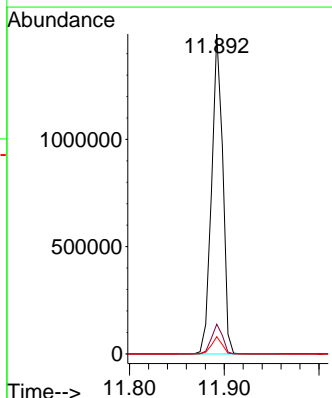
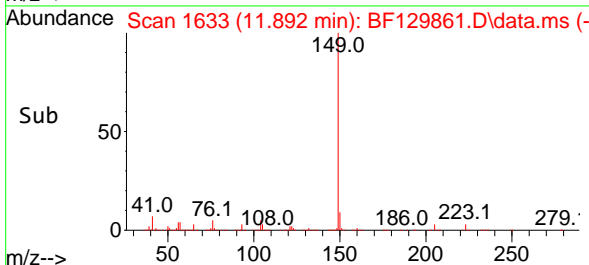
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



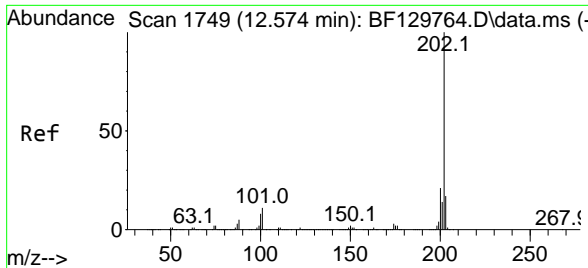
#74  
 Di-n-butylphthalate  
 Concen: 42.620 ng  
 RT: 11.892 min Scan# 1633  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:149 Resp: 1218619  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.8 11.6  
 104 5.4 4.2 6.4







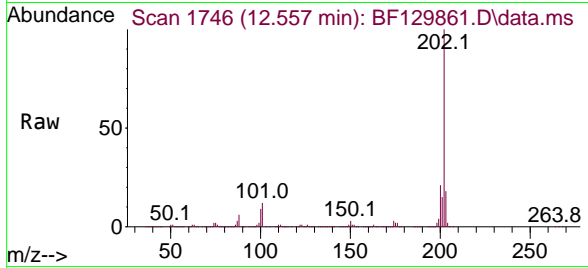
#75  
 Fluoranthene  
 Concen: 41.302 ng  
 RT: 12.557 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

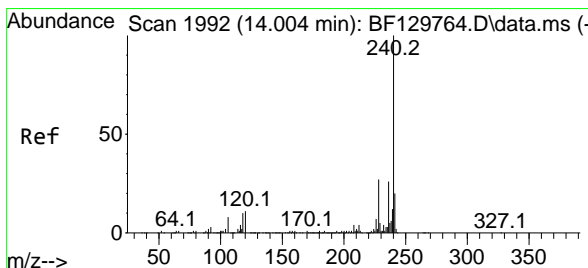
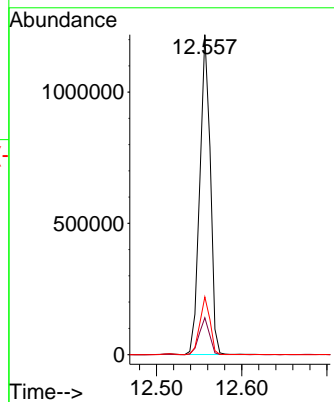
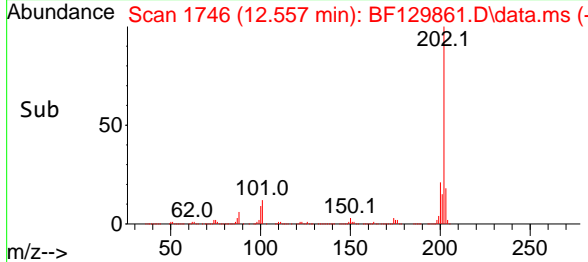


Tgt Ion:202 Resp: 1040116  
 Ion Ratio Lower Upper  
 202 100  
 101 11.5 0.0 30.7  
 203 18.0 0.0 37.5

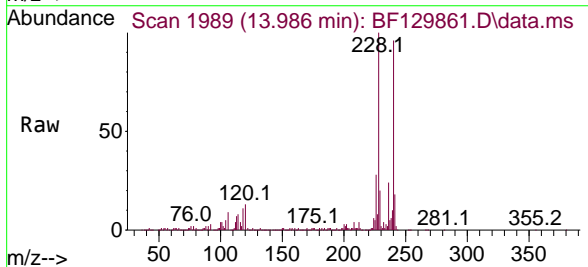
Manual Integrations

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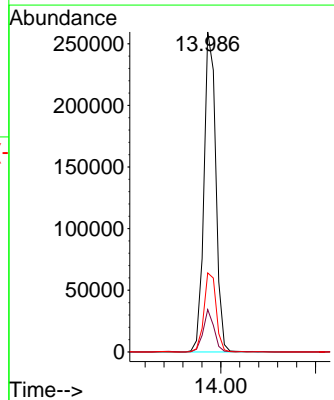
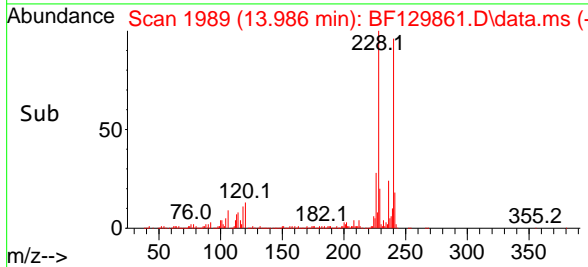
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

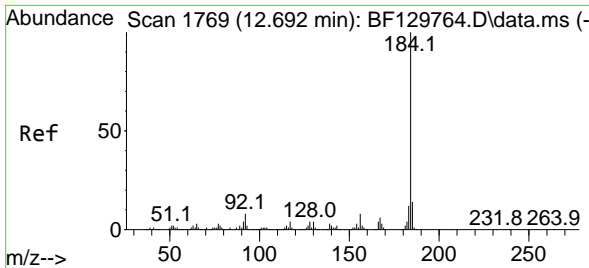


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.986 min Scan# 1989  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:240 Resp: 225641  
 Ion Ratio Lower Upper  
 240 100  
 120 13.2 9.2 13.8  
 236 24.7 20.7 31.1





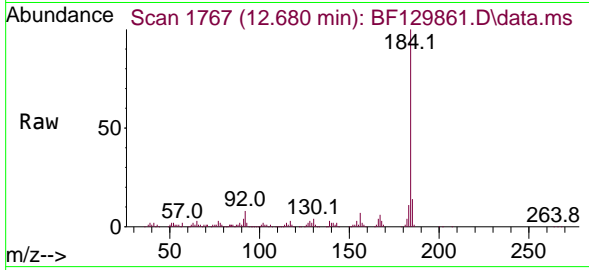
#77  
 Benzidine  
 Concen: 13.681 ng  
 RT: 12.680 min Scan# 1767  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client Sample Id :

SB14MSD

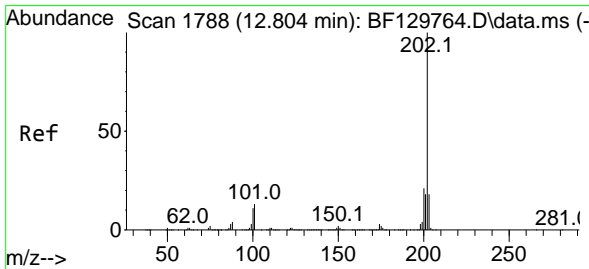
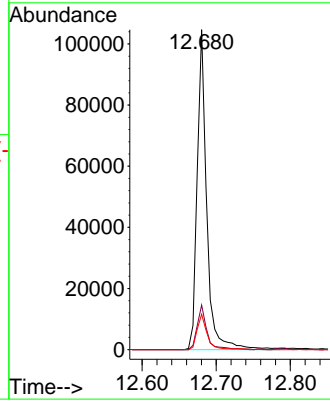
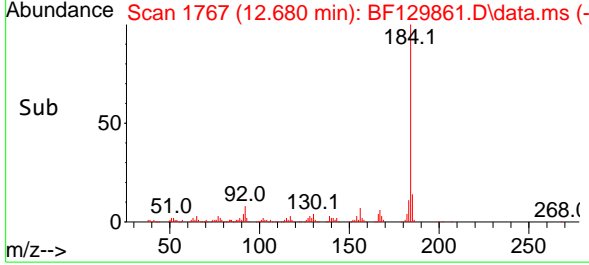


Tgt Ion:184 Resp: 94281  
 Ion Ratio Lower Upper  
 184 100  
 185 13.9 11.4 17.2  
 183 11.0 9.4 14.2

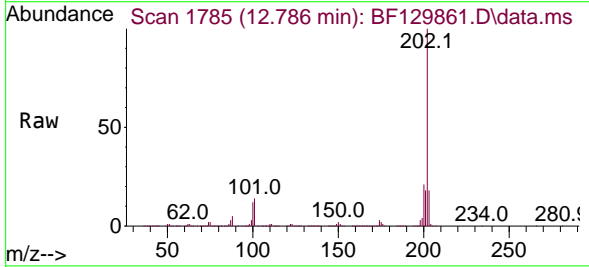
Manual Integrations

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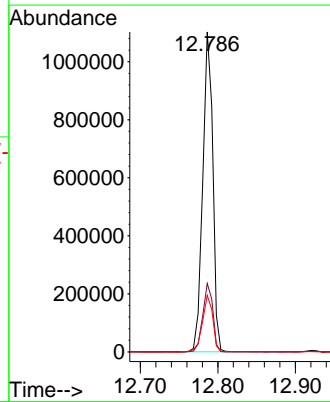
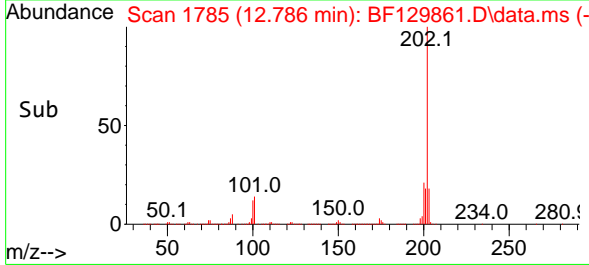
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

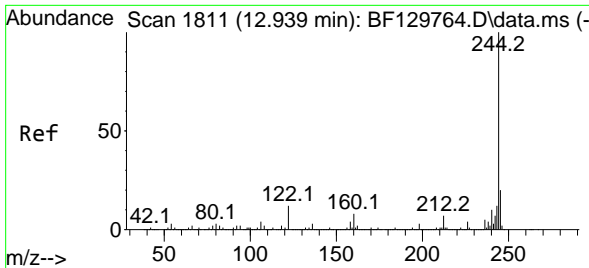


#78  
 Pyrene  
 Concen: 50.583 ng  
 RT: 12.786 min Scan# 1785  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:202 Resp: 991842  
 Ion Ratio Lower Upper  
 202 100  
 200 21.4 17.0 25.6  
 203 17.7 14.1 21.1





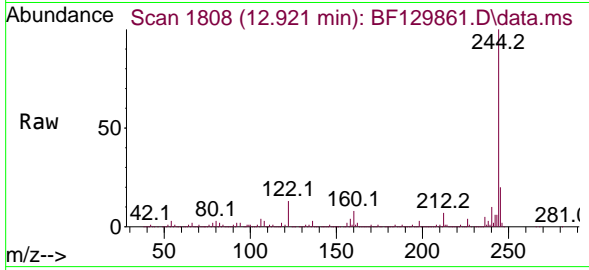
#79  
 Terphenyl-d14  
 Concen: 90.733 ng  
 RT: 12.921 min Scan# 1811  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

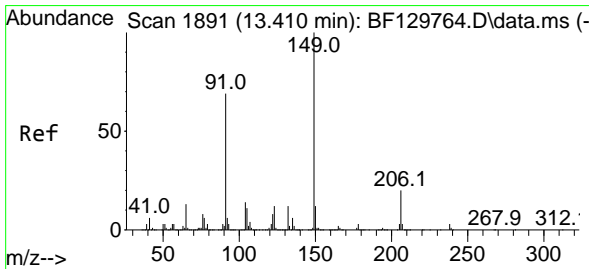
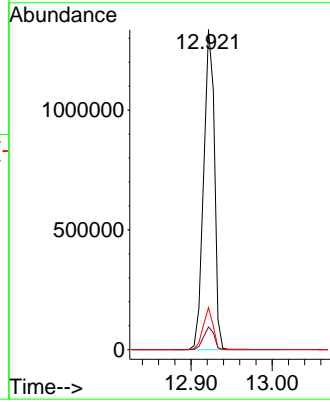
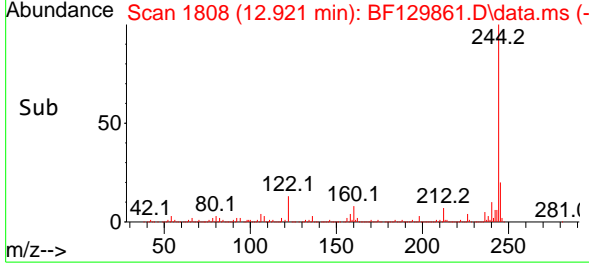


Tgt Ion:244 Resp: 1230397  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.9 8.9  
 122 13.1 9.9 14.9

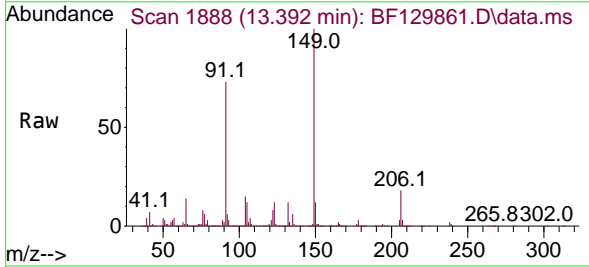
Manual Integrations

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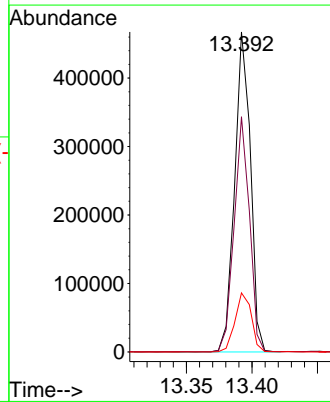
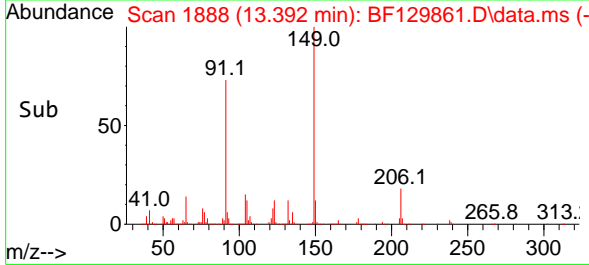
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

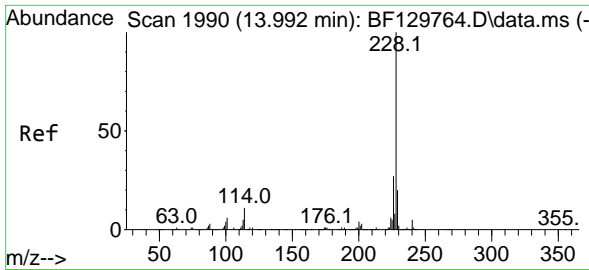


#80  
 Butylbenzylphthalate  
 Concen: 46.972 ng  
 RT: 13.392 min Scan# 1888  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:149 Resp: 389728  
 Ion Ratio Lower Upper  
 149 100  
 91 73.5 55.4 83.0  
 206 18.5 15.8 23.6





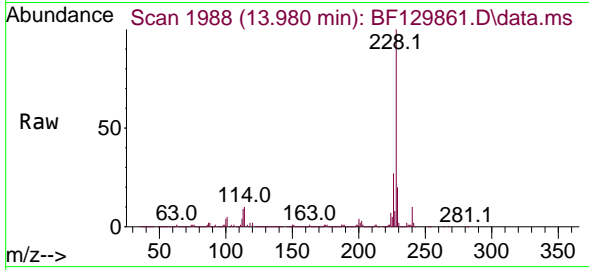
#81  
 Benzo(a)anthracene  
 Concen: 45.970 ng  
 RT: 13.980 min Scan# 1988  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampled :

SB14MSD

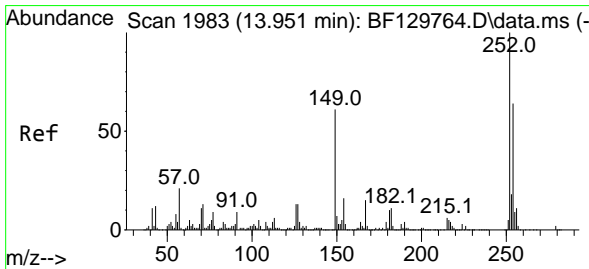
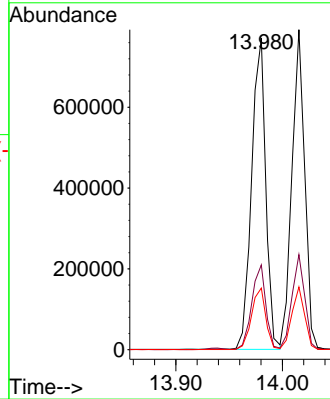
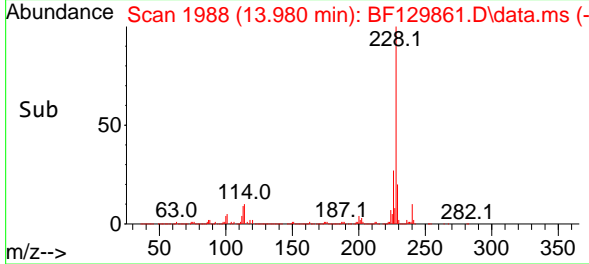


Tgt Ion:228 Resp: 713553  
 Ion Ratio Lower Upper  
 228 100  
 226 27.2 21.4 32.0  
 229 19.8 16.1 24.1

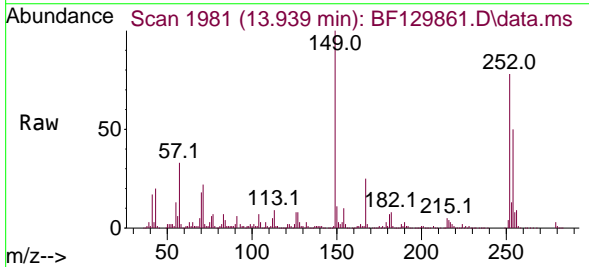
Manual Integrations

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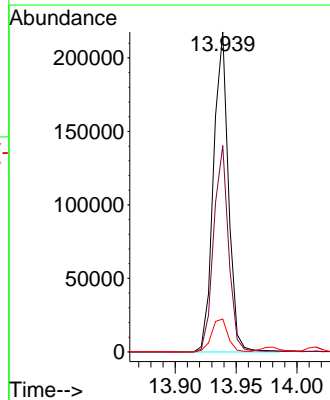
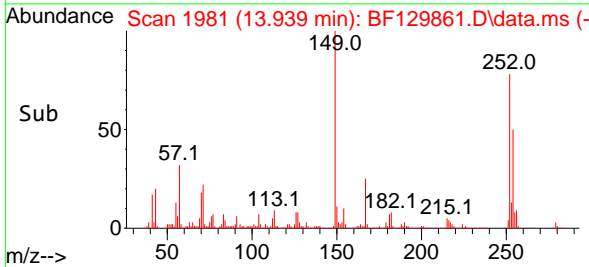
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

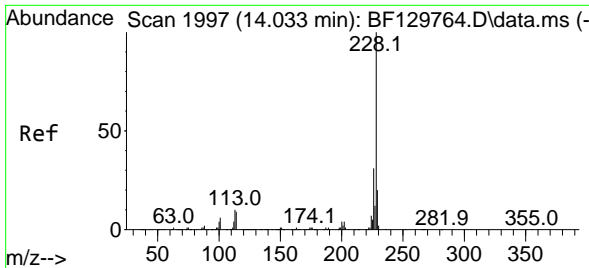


#82  
 3,3'-Dichlorobenzidine  
 Concen: 38.648 ng  
 RT: 13.939 min Scan# 1981  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:252 Resp: 185793  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.4 77.2  
 126 10.3 10.2 15.4





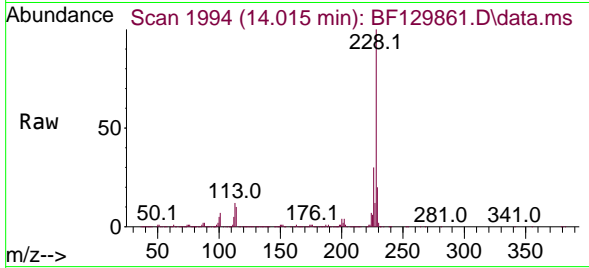
#83  
 Chrysene  
 Concen: 45.484 ng  
 RT: 14.015 min Scan# 1994  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

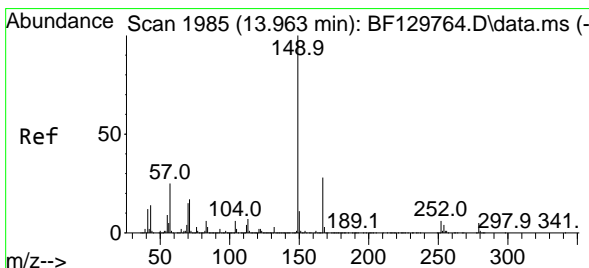
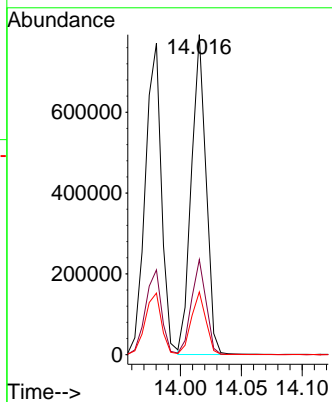
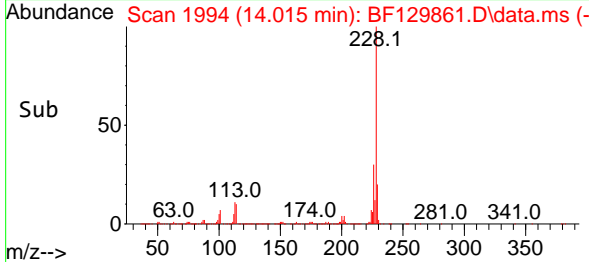


Tgt Ion:228 Resp: 660871  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 24.4 36.6  
 229 19.6 15.9 23.9

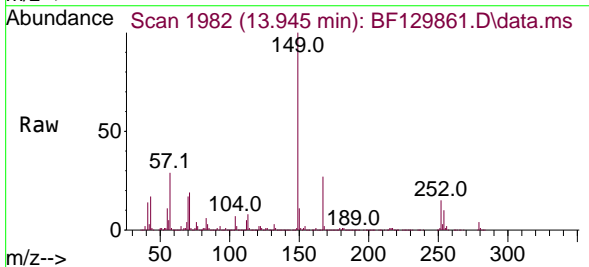
Manual Integrations

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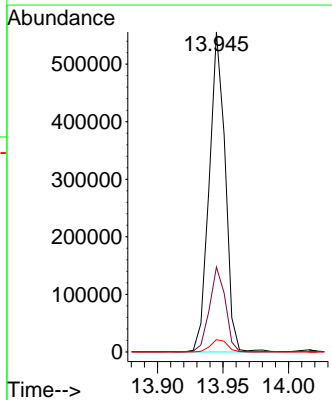
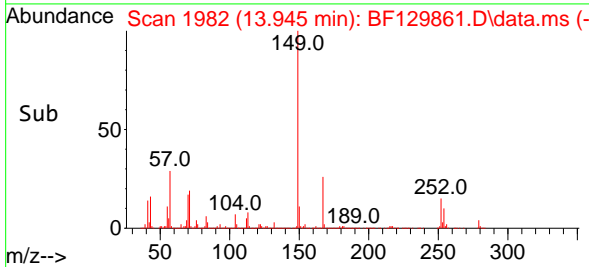
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

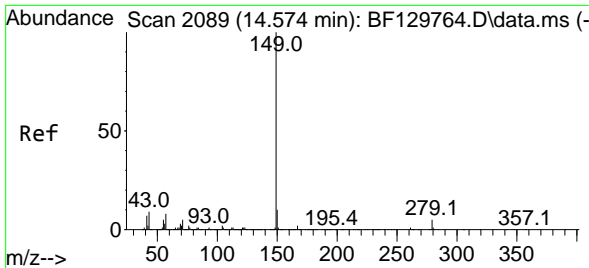


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.006 ng  
 RT: 13.945 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:149 Resp: 472551  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 22.0 33.0  
 279 3.8 3.6 5.4





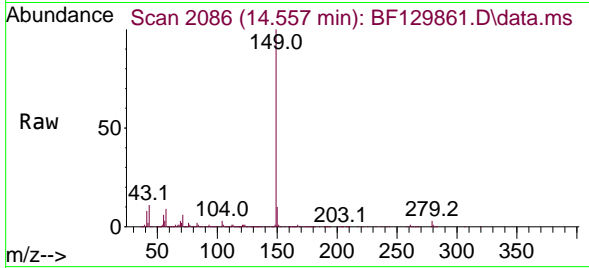
#85  
 Di-n-octyl phthalate  
 Concen: 50.509 ng  
 RT: 14.557 min Scan# 2086  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client Sampled :

SB14MSD

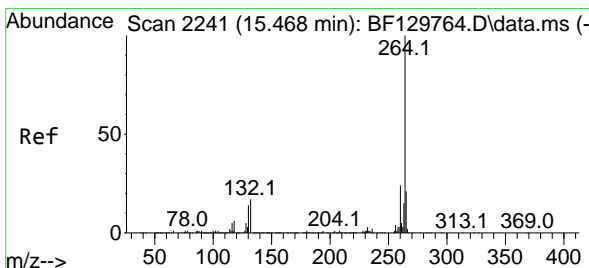
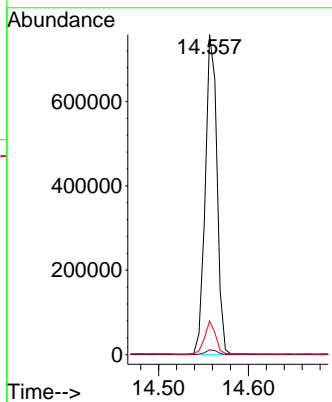
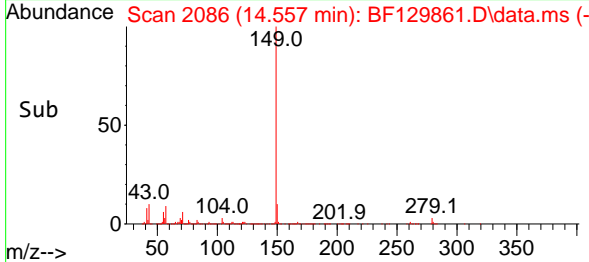


Tgt Ion:149 Resp: 686345  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 9.4 7.8 11.6

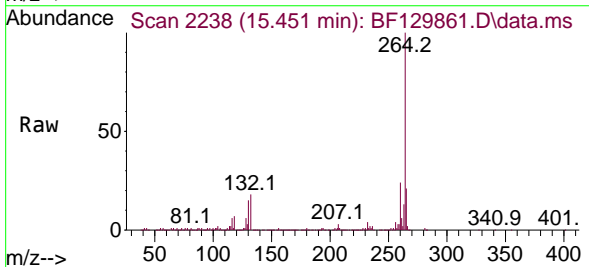
Manual Integrations

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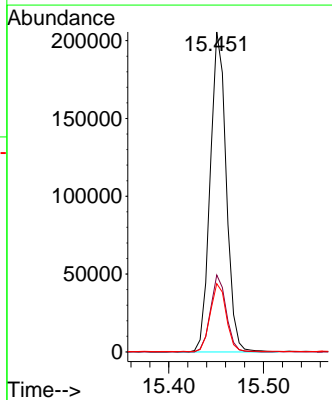
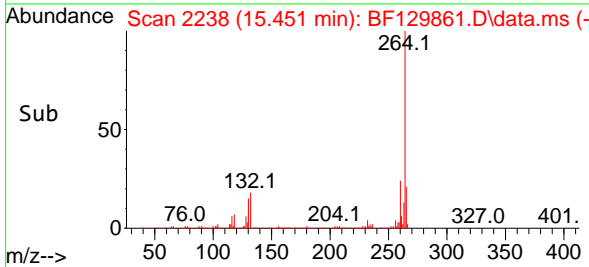
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

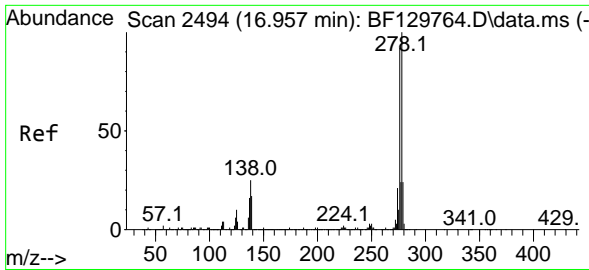


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.451 min Scan# 2238  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:264 Resp: 242404  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.1 28.7  
 265 21.3 16.7 25.1





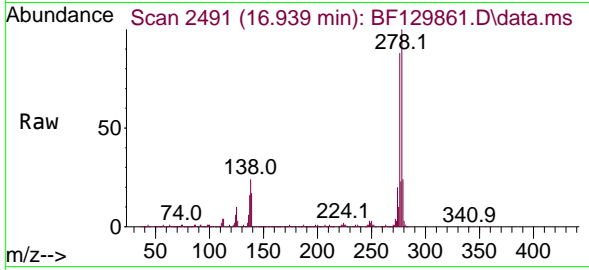
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 53.231 ng  
 RT: 16.939 min Scan# 2491  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

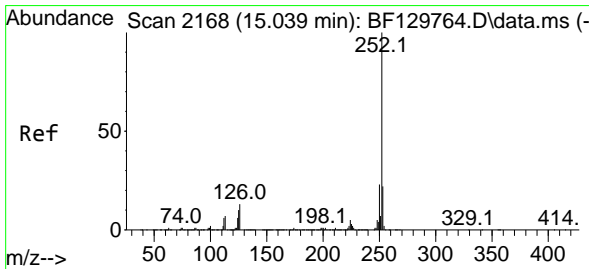
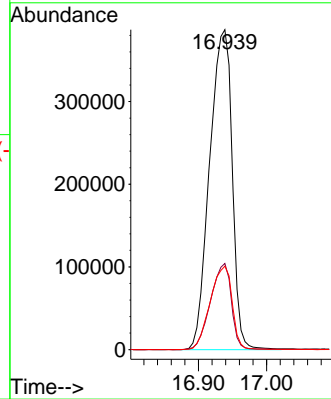
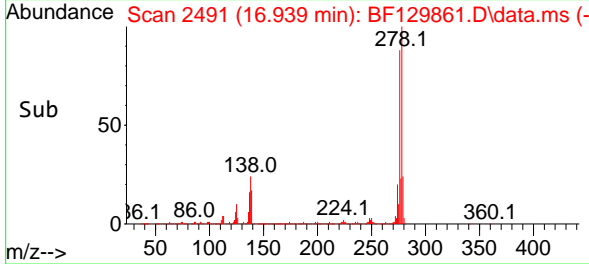


Tgt Ion:276 Resp: 885836  
 Ion Ratio Lower Upper  
 276 100  
 138 25.1 19.8 29.8  
 277 25.4 20.4 30.6

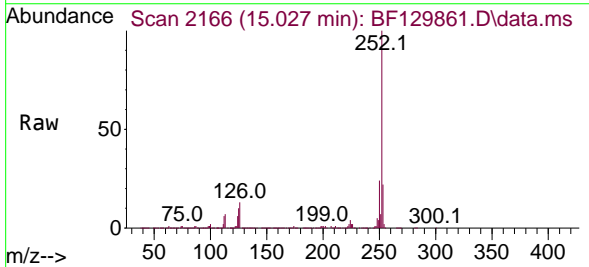
Manual Integrations

APPROVED

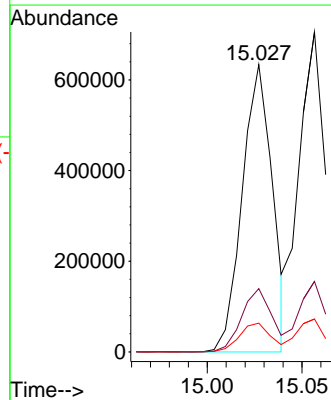
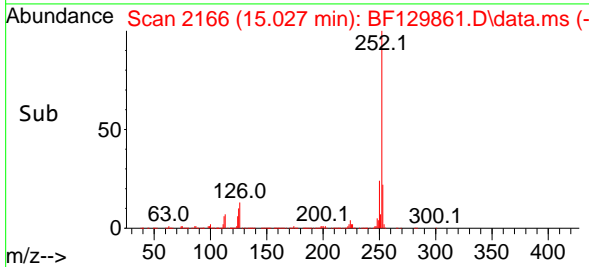
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022

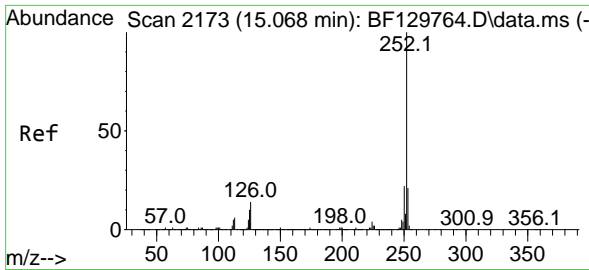


#88  
 Benzo(b)fluoranthene  
 Concen: 42.289 ng  
 RT: 15.027 min Scan# 2166  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:252 Resp: 701938  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.5 26.3  
 125 10.0 8.3 12.5





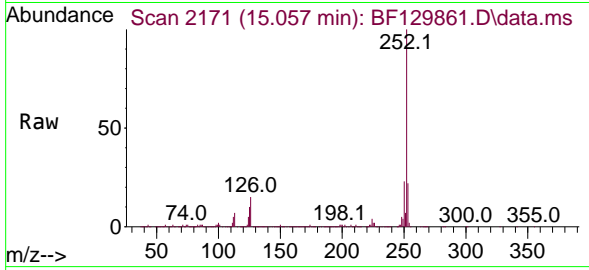
#89  
 Benzo(k)fluoranthene  
 Concen: 43.259 ng  
 RT: 15.057 min Scan# 2171  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

ClientSampleId :

SB14MSD

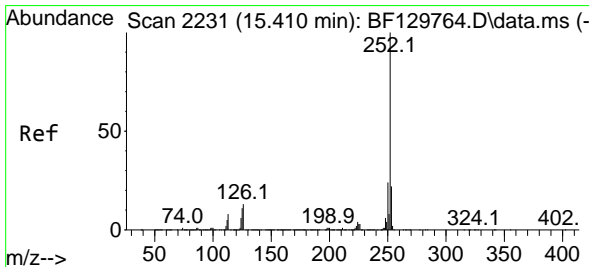
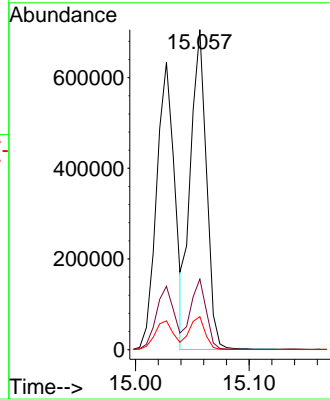
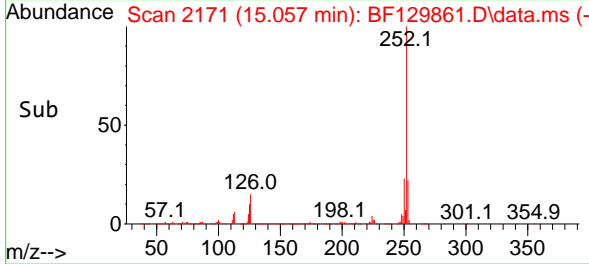


Tgt Ion:252 Resp: 688614  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.1 25.7  
 125 10.3 8.3 12.5

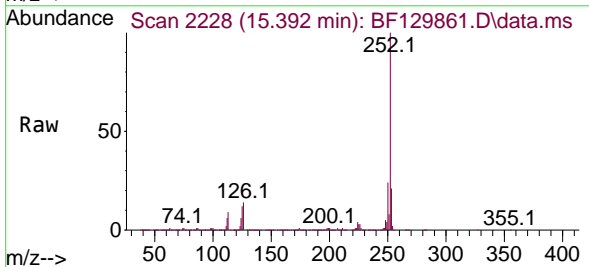
Manual Integrations

APPROVED

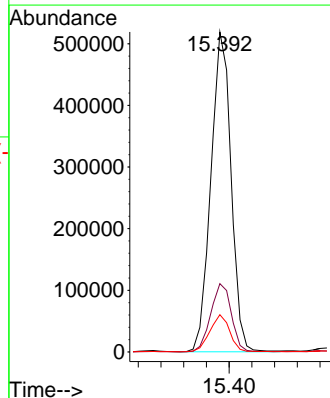
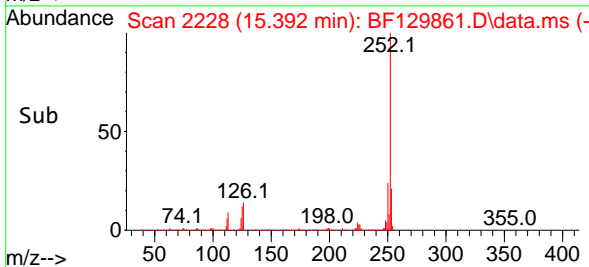
Reviewed By :Christian Giraldo 08/18/2022  
 Supervised By :Jagrut Upadhyay 08/18/2022



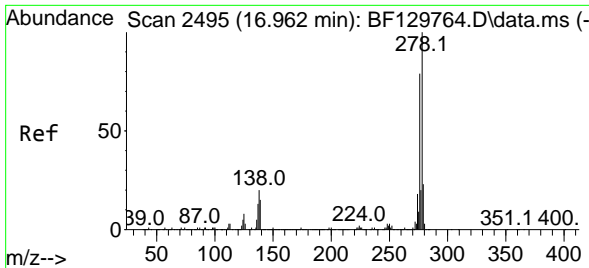
#90  
 Benzo(a)pyrene  
 Concen: 49.007 ng  
 RT: 15.392 min Scan# 2228  
 Delta R.T. -0.000 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion:252 Resp: 640593  
 Ion Ratio Lower Upper  
 252 100  
 253 21.3 17.2 25.8  
 125 11.6 8.8 13.2







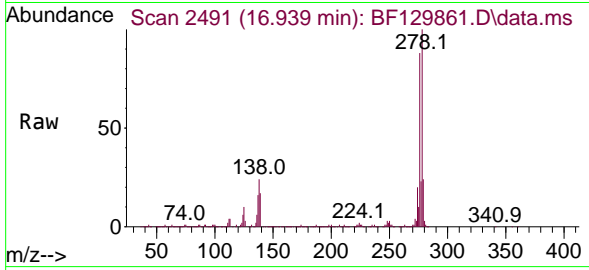
#91  
 Dibenzo(a,h)anthracene  
 Concen: 55.238 ng  
 RT: 16.939 min Scan# 2491  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26

Instrument :

BNA\_F

Client Sample Id :

SB14MSD

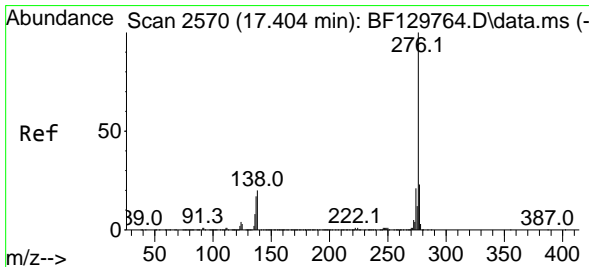
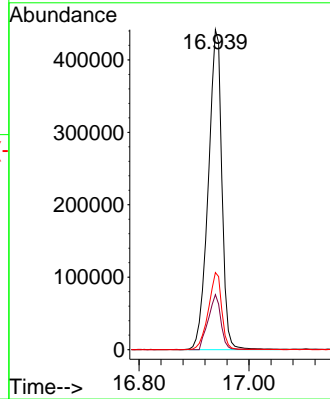
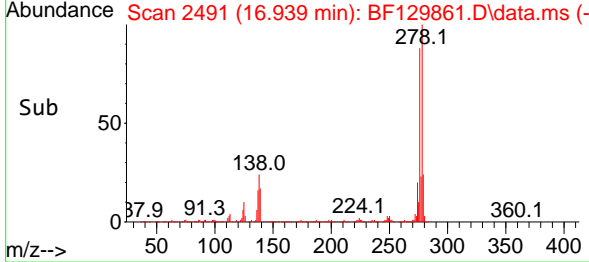


Tgt Ion: 278 Resp: 758480  
 Ion Ratio Lower Upper  
 278 100  
 139 17.2 12.2 18.4  
 279 24.1 18.7 28.1

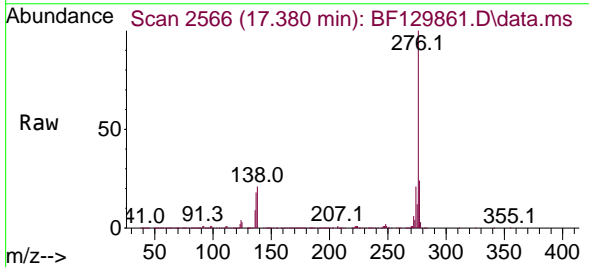
Manual Integrations

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Reviewed By : Christian Giraldo 08/18/2022  
 Supervised By : Jagrut Upadhyay 08/18/2022



#92  
 Benzo(g,h,i)perylene  
 Concen: 57.799 ng  
 RT: 17.380 min Scan# 2566  
 Delta R.T. -0.006 min  
 Lab File: BF129861.D  
 Acq: 18 Aug 2022 00:26



Tgt Ion: 276 Resp: 791782  
 Ion Ratio Lower Upper  
 276 100  
 277 24.0 18.2 27.4  
 138 21.0 15.8 23.8

