

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072722\  
 Data File : BF129369.D  
 Acq On : 27 Jul 2022 10:47  
 Operator : CG\JU  
 Sample : PB146469BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146469BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/28/2022  
 Supervised By : Jagrut Upadhyay 07/28/2022

Quant Time: Jul 28 01:29:51 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 17:24:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 258928   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 1012051  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 528936   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 886971   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.063 | 240  | 591576   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.551 | 264  | 486096   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1940976  | 122.113 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.522  | 99   | 2483622  | 124.312 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1572218  | 84.803  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 679927   | 133.704 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2643166  | 77.303  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 2807442  | 89.531  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.746  | 88   | 248658   | 34.673  | ng    | 89       |
| 3) Pyridine                   | 3.522  | 79   | 680194   | 34.153  | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.469  | 42   | 375951   | 42.988  | ng    | 90       |
| 6) Aniline                    | 6.551  | 93   | 1052413  | 42.372  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 792247   | 45.622  | ng    | 99       |
| 9) Benzaldehyde               | 6.440  | 77   | 398205   | 29.349  | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 909683m  | 42.757  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 754440   | 44.713  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 801089   | 43.013  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 817811   | 43.176  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 782411   | 44.940  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.028  | 79   | 663043   | 45.759  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1111839  | 43.837  | ng    | 92       |
| 17) 2-Methylphenol            | 7.139  | 107  | 619169   | 42.979  | ng    | 100      |
| 18) Hexachloroethane          | 7.398  | 117  | 313020   | 43.889  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 521048   | 43.079  | ng    | 93       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 744107   | 40.623  | ng    | # 90     |
| 22) Acetophenone              | 7.298  | 105  | 1024319  | 43.472  | ng    | # 99     |
| 24) Nitrobenzene              | 7.469  | 77   | 809297   | 42.391  | ng    | 98       |
| 25) Isophorone                | 7.710  | 82   | 1490063  | 44.838  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 425474   | 45.175  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 699190   | 49.491  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 919738   | 47.709  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 639767   | 43.875  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 643655   | 42.646  | ng    | 97       |
| 31) Naphthalene               | 8.192  | 128  | 2165153  | 42.109  | ng    | 100      |
| 32) Benzoic acid              | 7.951  | 122  | 453878   | 44.440  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 760959   | 36.047  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 376992   | 43.941  | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 205205m  | 43.286  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 679634   | 43.945  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 1403484  | 42.002  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 1348320  | 41.800  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 601907   | 43.338  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 728437   | 117.784 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 436171   | 43.239  | ng    | 98       |

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Manual Integrations  
 APPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 465855   | 42.466 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 1652472  | 42.808 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 1314266  | 42.116 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.475  | 65   | 441596   | 42.557 | ng    | 86       |
| 49) Acenaphthylene            | 9.792  | 152  | 1999819  | 42.175 | ng    | 100      |
| 50) Dimethylphthalate         | 9.651  | 163  | 1556225  | 42.620 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 355067   | 43.446 | ng    | 99       |
| 52) Acenaphthene              | 9.963  | 154  | 1439648m | 46.485 | ng    |          |
| 53) 3-Nitroaniline            | 9.886  | 138  | 328870   | 34.078 | ng    | # 89     |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 380136   | 91.114 | ng    | 96       |
| 55) Dibenzofuran              | 10.133 | 168  | 1788658  | 41.896 | ng    | 95       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 628500   | 88.277 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 472326   | 44.241 | ng    | 97       |
| 58) Fluorene                  | 10.480 | 166  | 1413623  | 41.383 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 367534   | 43.354 | ng    | 94       |
| 60) Diethylphthalate          | 10.351 | 149  | 1520750  | 43.083 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 638700   | 42.412 | ng    | 92       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 398898   | 41.667 | ng    | 92       |
| 63) Azobenzene                | 10.627 | 77   | 1500194  | 41.669 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 240784   | 43.010 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 1257845  | 42.584 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 425701   | 43.830 | ng    | 92       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 464635   | 44.151 | ng    | 98       |
| 69) Atrazine                  | 11.116 | 200  | 432403   | 48.195 | ng    | 96       |
| 70) Pentachlorophenol         | 11.222 | 266  | 518588   | 90.645 | ng    | 99       |
| 71) Phenanthrene              | 11.445 | 178  | 2033429  | 41.998 | ng    | 100      |
| 72) Anthracene                | 11.498 | 178  | 2048503  | 43.054 | ng    | 99       |
| 73) Carbazole                 | 11.651 | 167  | 1955894  | 43.669 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 2296623  | 43.057 | ng    | 99       |
| 75) Fluoranthene              | 12.633 | 202  | 2082596  | 42.452 | ng    | 97       |
| 77) Benzidine                 | 12.757 | 184  | 1341301  | 64.180 | ng    | 99       |
| 78) Pyrene                    | 12.863 | 202  | 2115931  | 42.773 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 953818   | 44.452 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 1710792  | 42.335 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 472443   | 35.410 | ng    | 97       |
| 83) Chrysene                  | 14.092 | 228  | 1596357  | 41.915 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 1265666  | 44.804 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 1888941  | 46.467 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.062 | 276  | 1338171  | 40.880 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 1498461  | 46.472 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 1438592  | 45.528 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 1252318  | 47.844 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 1155372  | 43.366 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.527 | 276  | 1186794  | 43.593 | ng    | 99       |

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

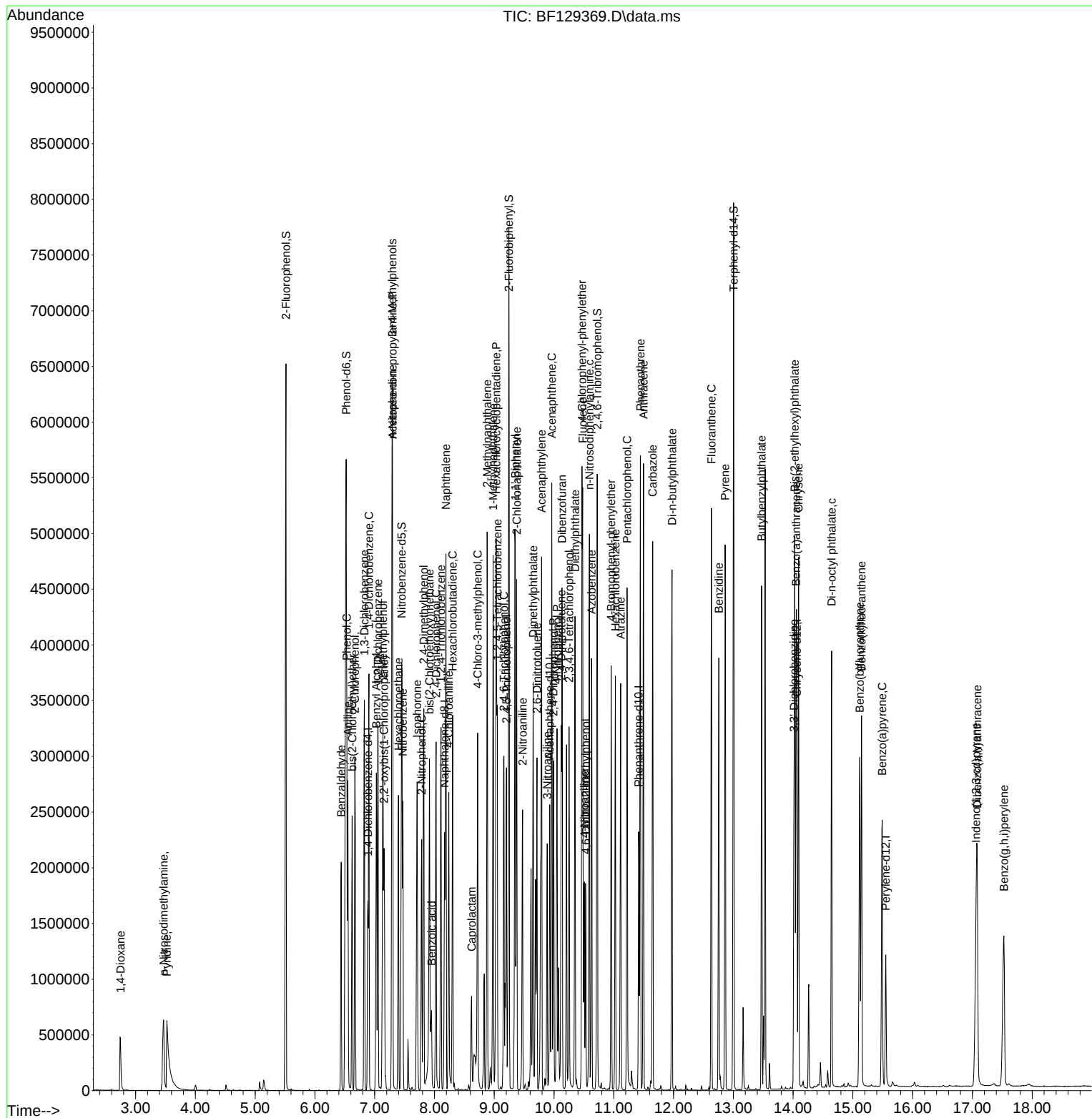
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072722\  
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

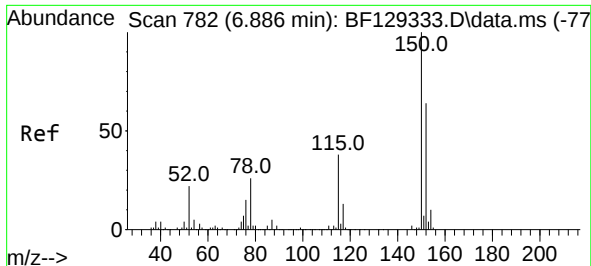
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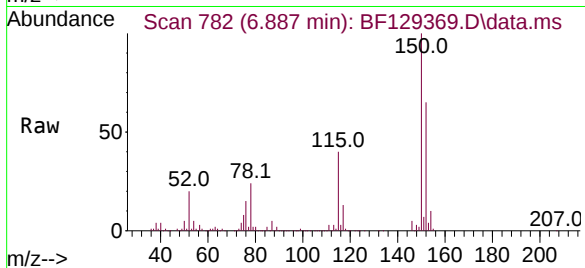
Reviewed By : Christian Giraldo 07/28/2022  
Supervised By : Jagrut Upadhyay 07/28/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 78  
Delta R.T. 0.001 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

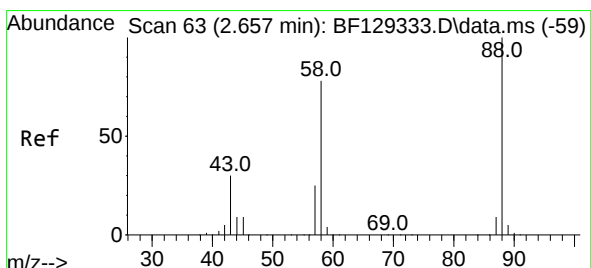
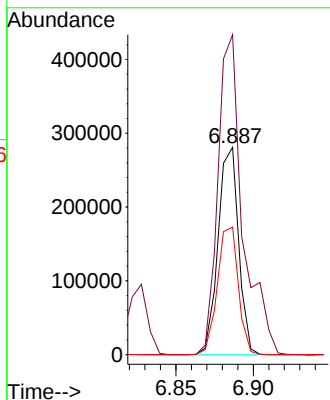
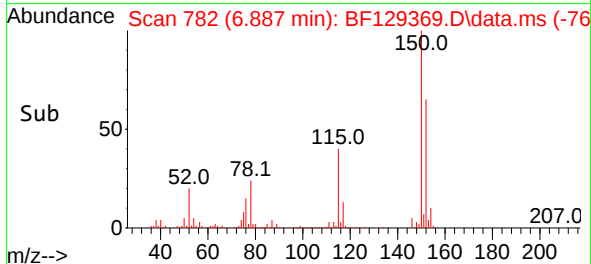
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BNA\_F  
ClientSampleId :  
PB146469BS



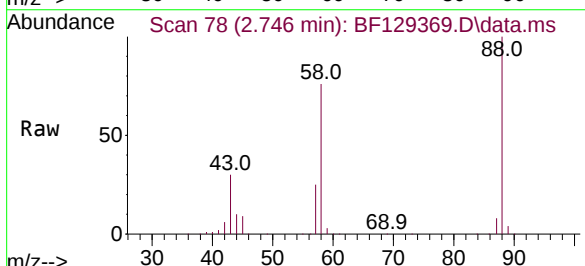
Tgt Ion:152 Resp: 258928  
Ion Ratio Lower Upper  
152 100  
150 154.3 123.7 185.5  
115 61.5 49.9 74.9

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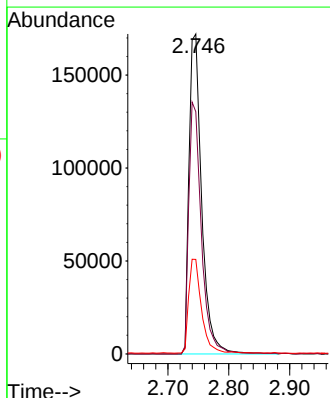
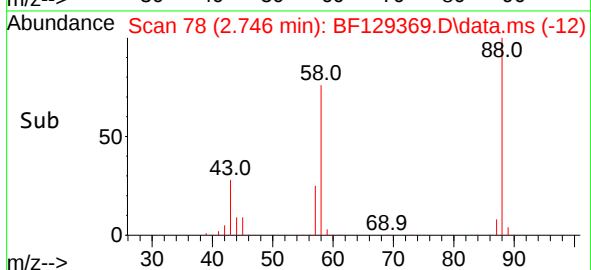
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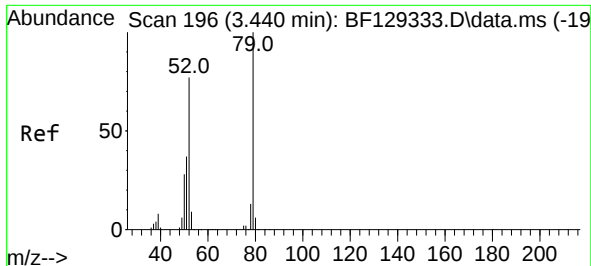


#2  
1,4-Dioxane  
Concen: 34.673 ng  
RT: 2.746 min Scan# 78  
Delta R.T. 0.088 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



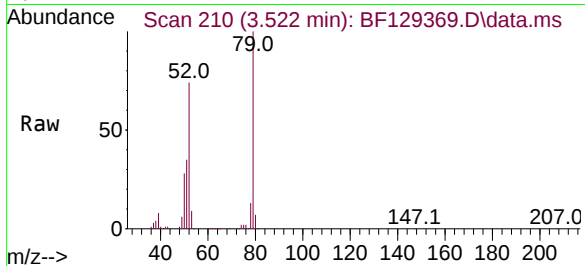
Tgt Ion: 88 Resp: 248658  
Ion Ratio Lower Upper  
88 100  
58 78.0 71.8 107.8  
43 29.7 26.6 39.8





#3  
Pyridine  
Concen: 34.153 ng  
RT: 3.522 min Scan# 21  
Delta R.T. 0.082 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

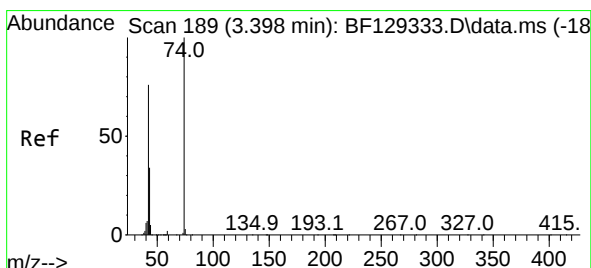
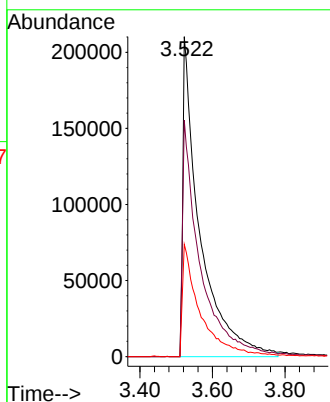
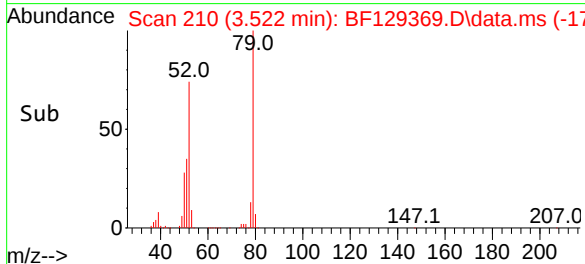
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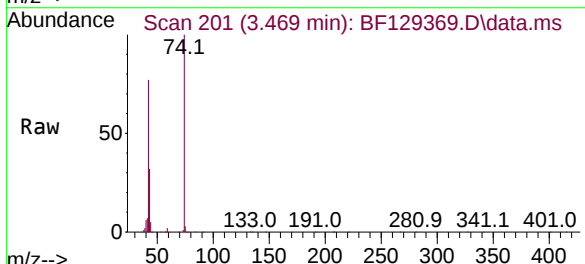
Tgt Ion: 79 Resp: 680194  
Ion Ratio Lower Upper  
79 100  
52 73.9 68.6 102.8  
51 35.1 32.9 49.3

Manual Integrations  
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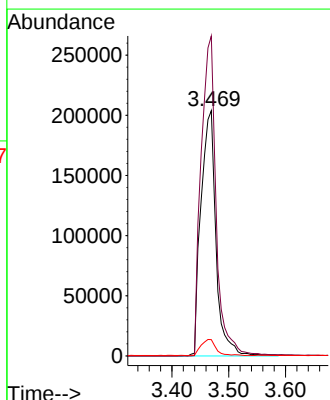
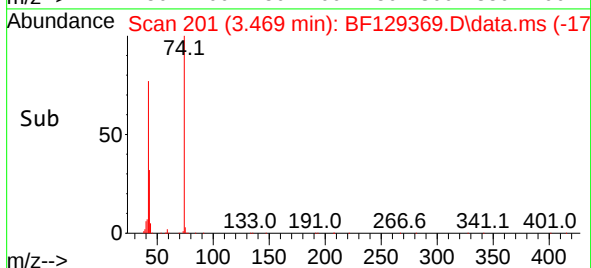
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

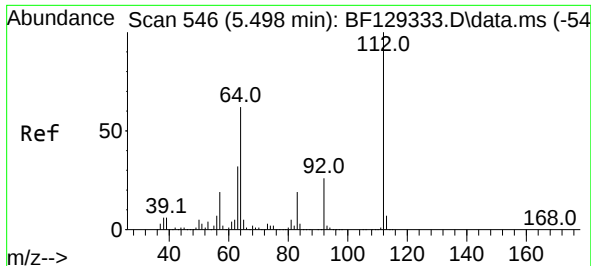


#4  
n-Nitrosodimethylamine  
Concen: 42.988 ng  
RT: 3.469 min Scan# 201  
Delta R.T. 0.071 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion: 42 Resp: 375951  
Ion Ratio Lower Upper  
42 100  
74 130.5 94.8 142.2  
44 6.7 6.6 10.0





#5  
2-Fluorophenol  
Concen: 122.113 ng  
RT: 5.516 min Scan# 549  
Delta R.T. 0.018 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

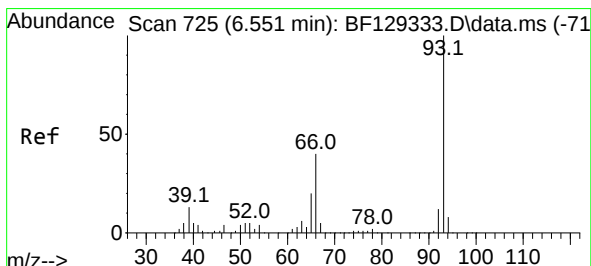
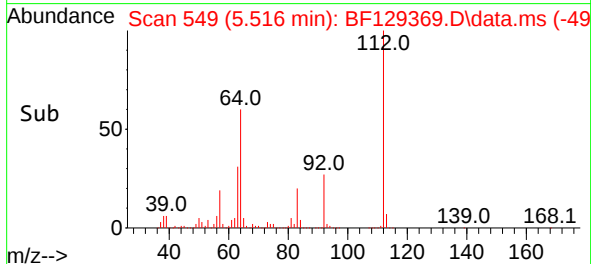
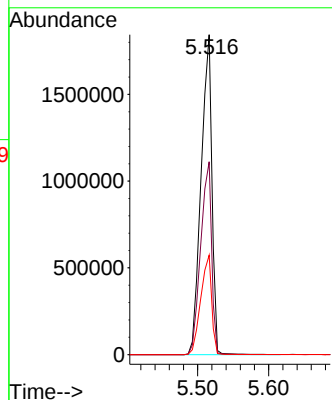
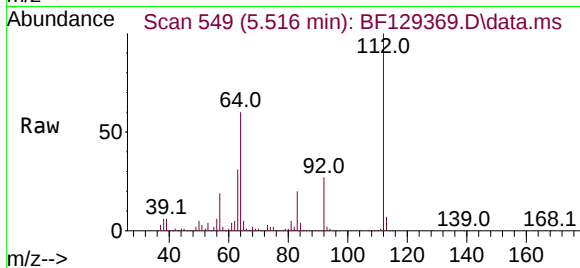
PB146469BS

Tgt Ion:112 Resp: 1940976  
Ion Ratio Lower Upper  
112 100  
64 60.3 53.3 79.9  
63 31.1 28.0 42.0

Manual Integrations

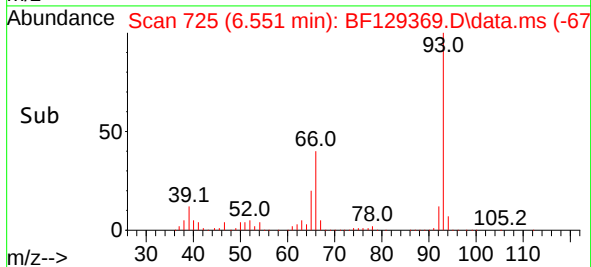
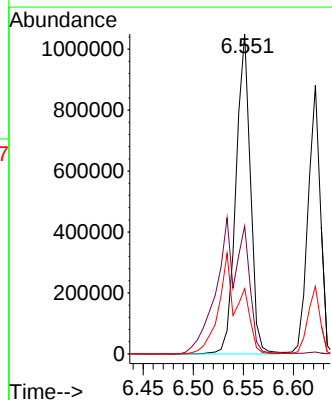
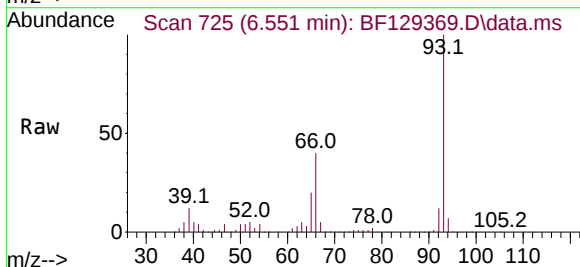
APPROVED

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Supervised By :Jagrut Upadhyay 07/28/2022



#6  
Aniline  
Concen: 42.372 ng  
RT: 6.551 min Scan# 725  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

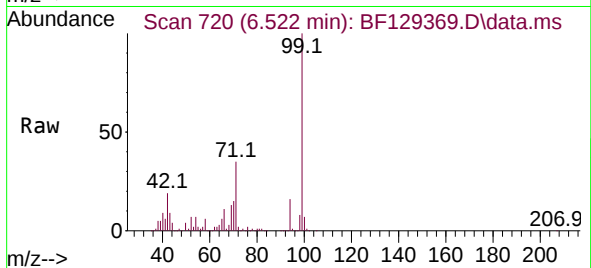
Tgt Ion: 93 Resp: 1052413  
Ion Ratio Lower Upper  
93 100  
66 40.0 32.5 48.7  
65 20.4 16.4 24.6





#7  
Phenol-d6  
Concen: 124.312 ng  
RT: 6.522 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
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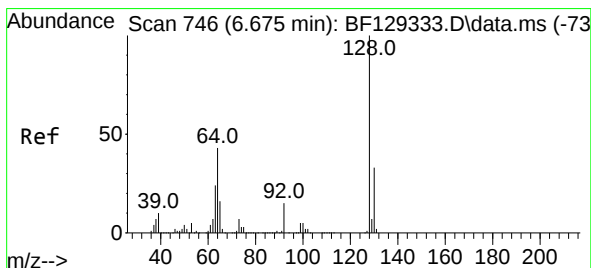
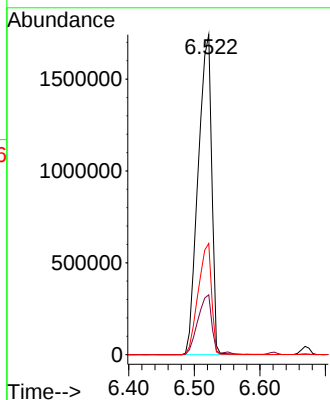
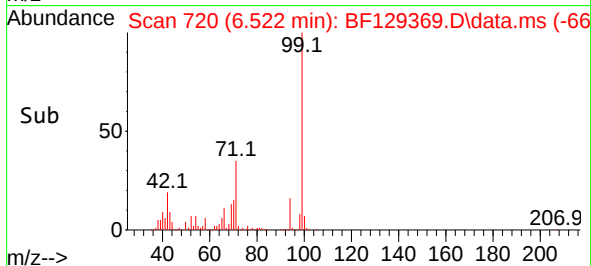
Instrument :  
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Tgt Ion: 99 Resp: 2483622  
Ion Ratio Lower Upper  
99 100  
42 18.7 17.3 25.9  
71 34.8 28.9 43.3

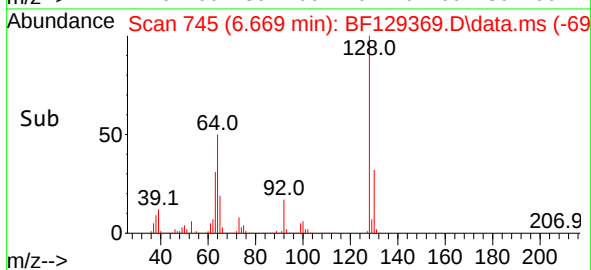
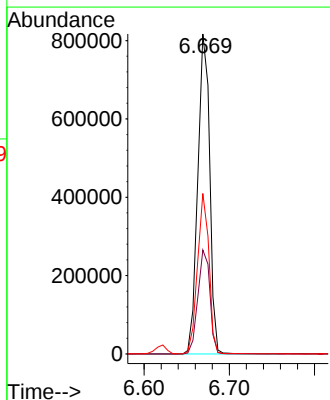
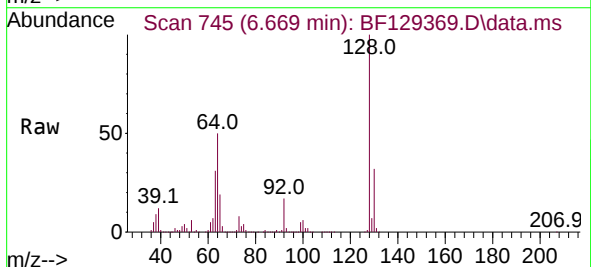
Manual Integrations  
APPROVED

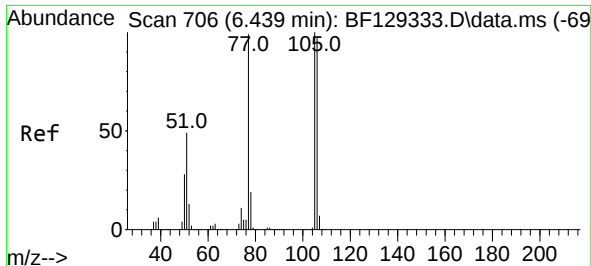
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#8  
2-Chlorophenol  
Concen: 45.622 ng  
RT: 6.669 min Scan# 745  
Delta R.T. -0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

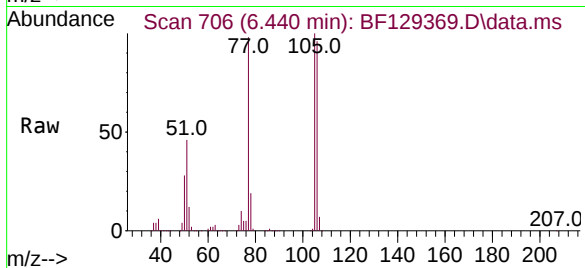
Tgt Ion:128 Resp: 792247  
Ion Ratio Lower Upper  
128 100  
130 32.5 13.1 53.1  
64 50.1 30.9 70.9





#9  
Benzaldehyde  
Concen: 29.349 ng  
RT: 6.440 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

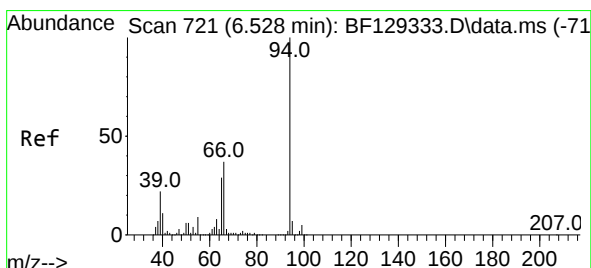
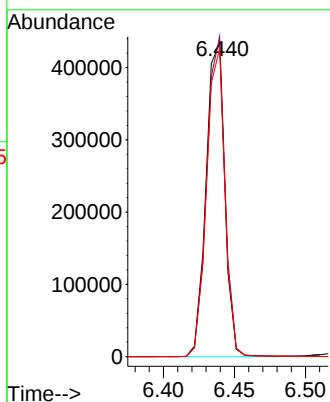
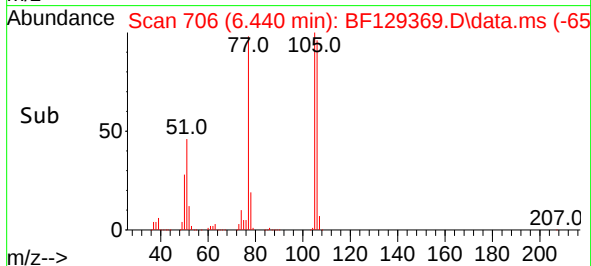
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



Tgt Ion: 77 Resp: 398205  
Ion Ratio Lower Upper  
77 100  
105 102.0 81.6 121.6  
106 98.2 76.1 116.1

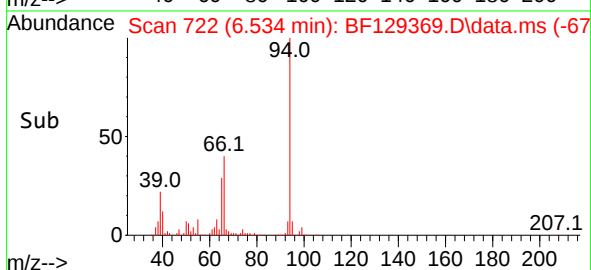
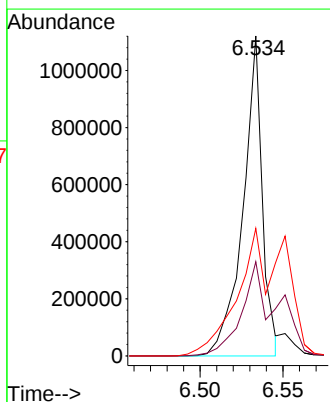
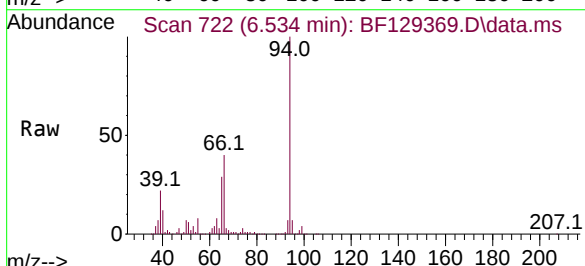
Manual Integrations  
APPROVED

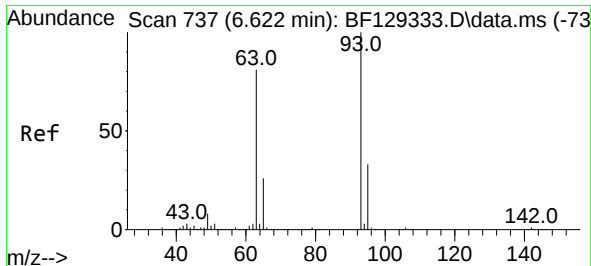
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#10  
Phenol  
Concen: 42.757 ng m  
RT: 6.534 min Scan# 722  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Tgt Ion: 94 Resp: 909683  
Ion Ratio Lower Upper  
94 100  
65 29.4 11.4 51.4  
66 39.8 21.4 61.4





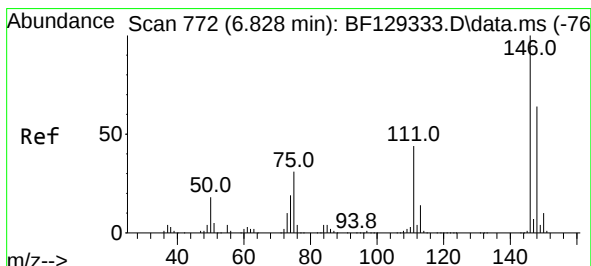
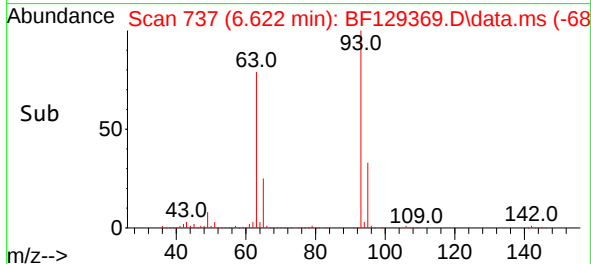
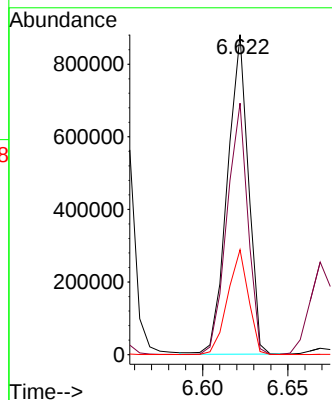
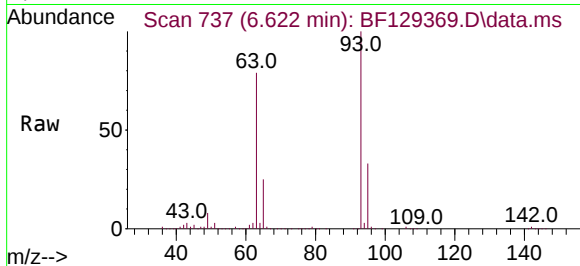
#11  
bis(2-Chloroethyl)ether  
Concen: 44.713 ng  
RT: 6.622 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS

Tgt Ion: 93 Resp: 754440  
Ion Ratio Lower Upper  
93 100  
63 78.6 67.4 107.4  
95 32.8 12.7 52.7

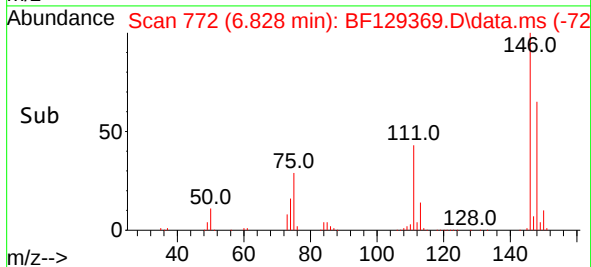
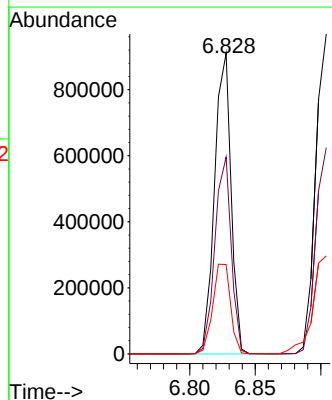
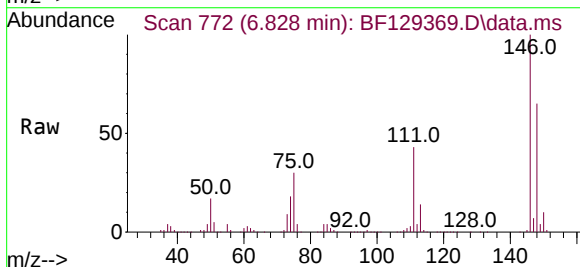
Manual Integrations  
APPROVED

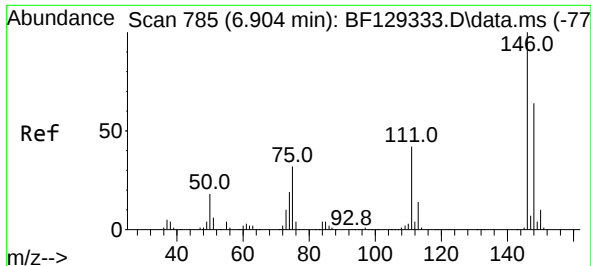
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#12  
1,3-Dichlorobenzene  
Concen: 43.013 ng  
RT: 6.828 min Scan# 772  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

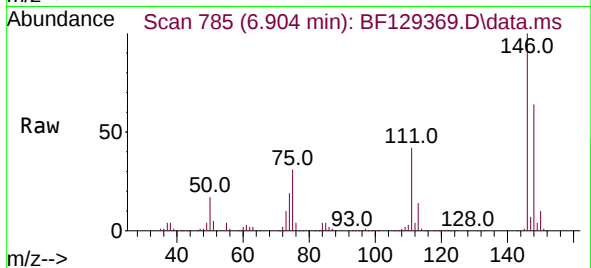
Tgt Ion:146 Resp: 801089  
Ion Ratio Lower Upper  
146 100  
148 65.5 50.6 75.8  
75 29.7 26.3 39.5





#13  
1,4-Dichlorobenzene  
Concen: 43.176 ng  
RT: 6.904 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

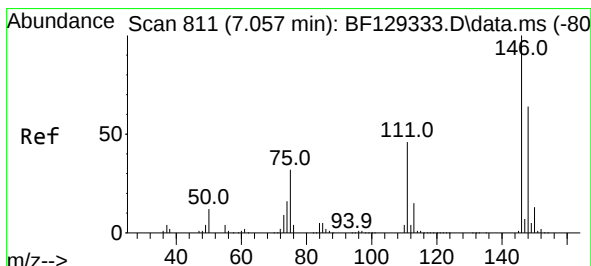
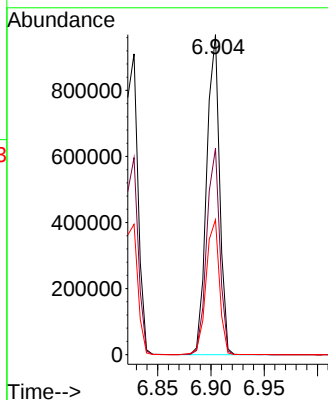
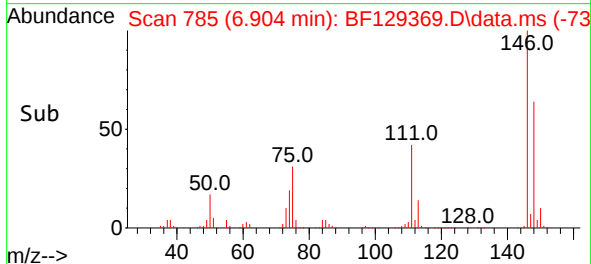
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



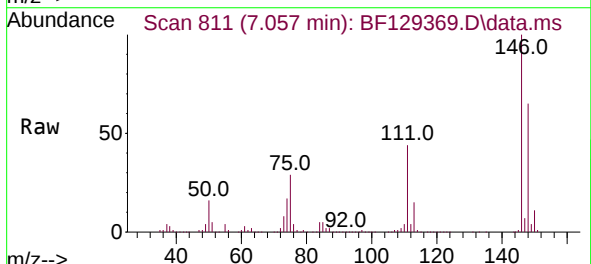
Tgt Ion:146 Resp: 817811  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.1 76.7  
111 42.1 34.2 51.4

Manual Integrations  
APPROVED

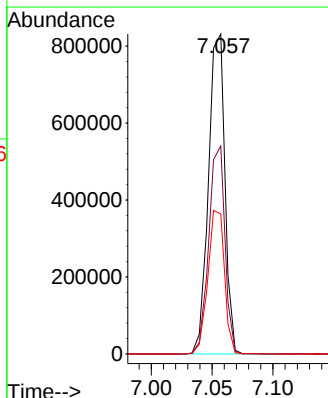
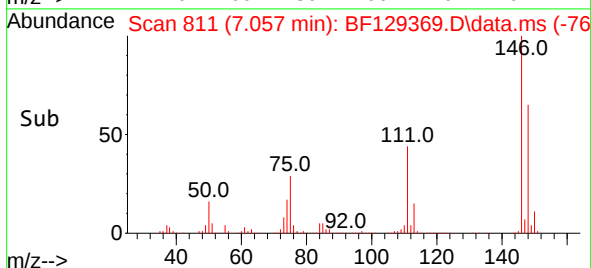
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

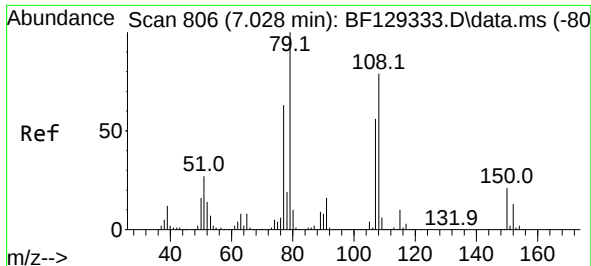


#14  
1,2-Dichlorobenzene  
Concen: 44.940 ng  
RT: 7.057 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



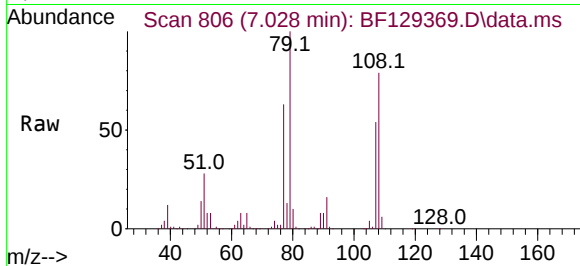
Tgt Ion:146 Resp: 782411  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
111 43.7 35.1 52.7





#15  
Benzyl Alcohol  
Concen: 45.759 ng  
RT: 7.028 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

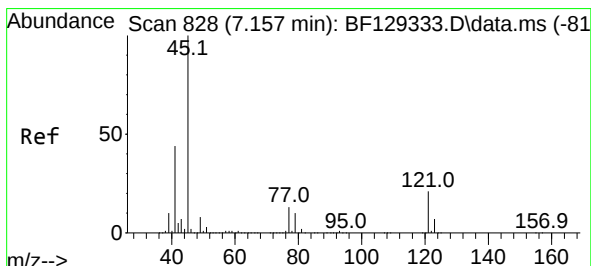
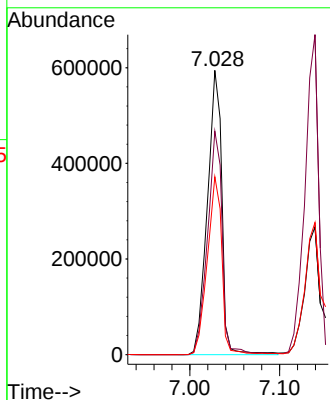
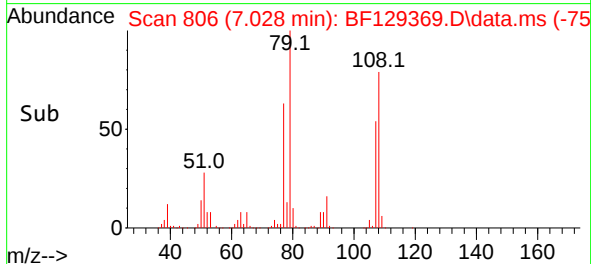
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



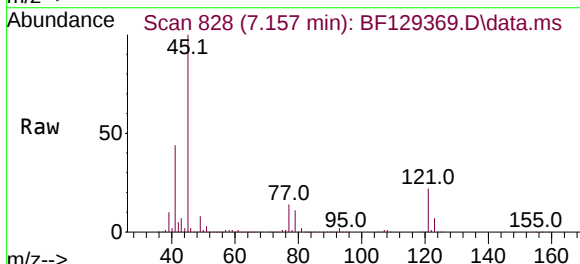
Tgt Ion: 79 Resp: 663043  
Ion Ratio Lower Upper  
79 100  
108 78.6 61.8 92.6  
77 62.6 50.2 75.4

Manual Integrations  
APPROVED

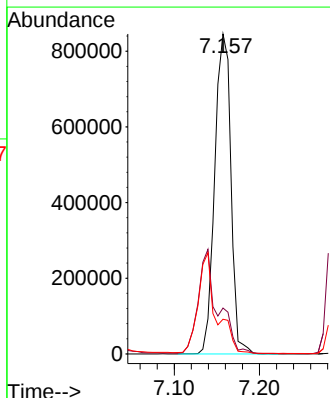
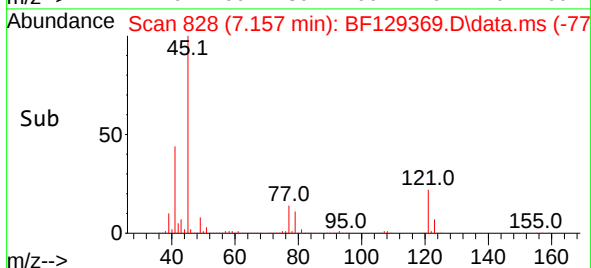
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

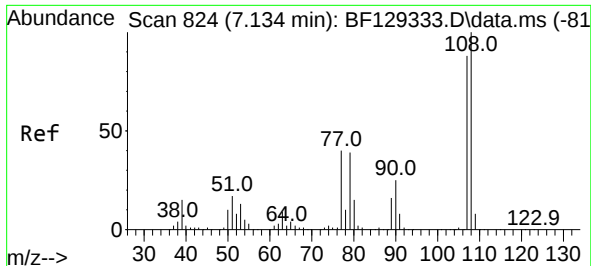


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.837 ng  
RT: 7.157 min Scan# 828  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



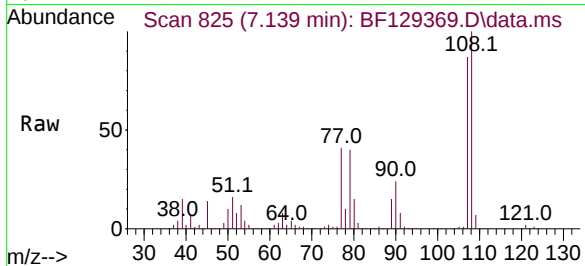
Tgt Ion: 45 Resp: 1111839  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 31.3  
79 10.8 0.0 28.3





#17  
2-Methylphenol  
Concen: 42.979 ng  
RT: 7.139 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

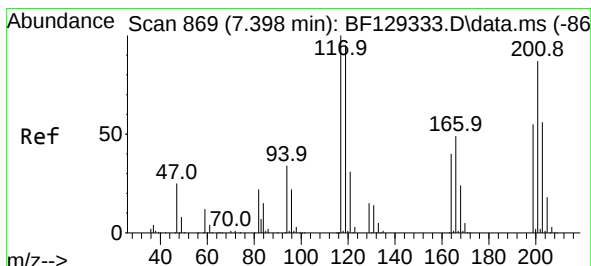
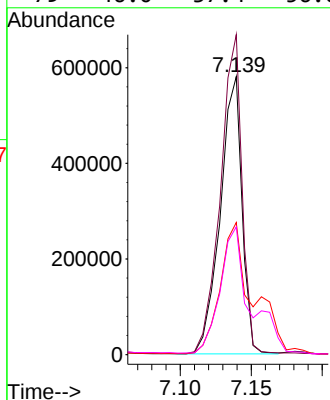
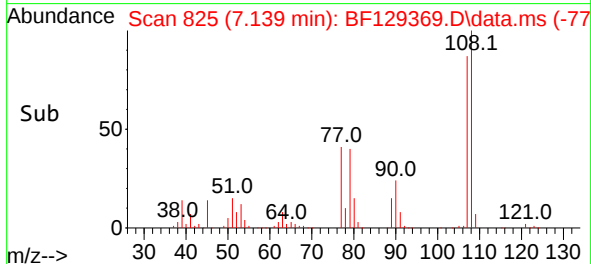
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



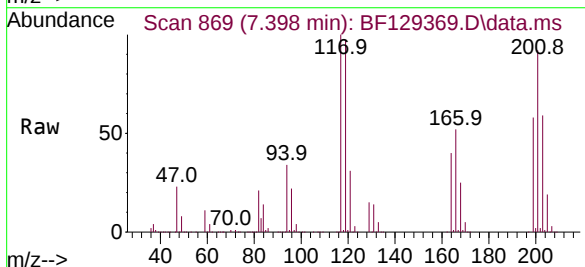
Tgt Ion:107 Resp: 619169  
Ion Ratio Lower Upper  
107 100  
108 115.1 91.9 137.9  
77 47.5 37.8 56.8  
79 46.0 37.4 56.0

Manual Integrations  
APPROVED

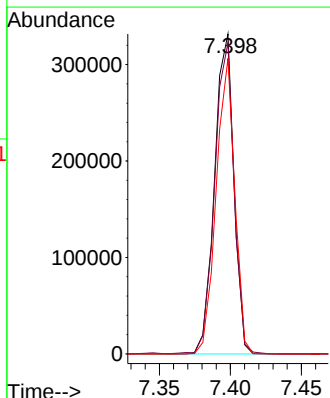
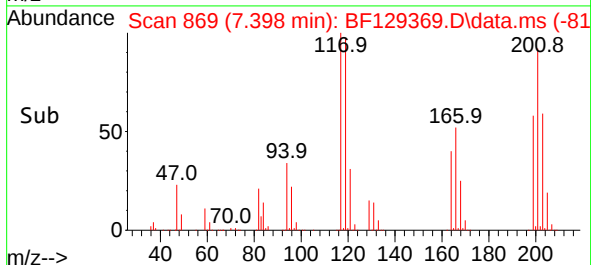
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

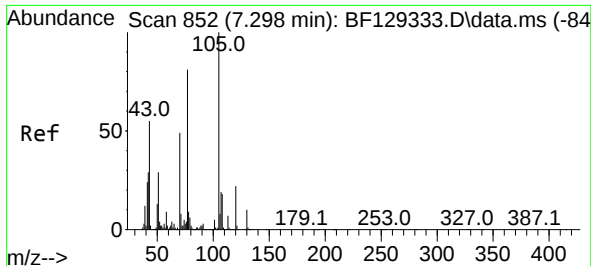


#18  
Hexachloroethane  
Concen: 43.889 ng  
RT: 7.398 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



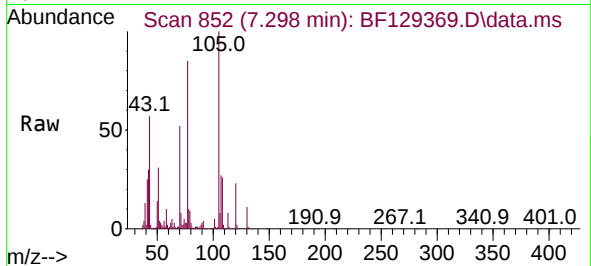
Tgt Ion:117 Resp: 313020  
Ion Ratio Lower Upper  
117 100  
119 97.3 77.4 116.2  
201 92.3 84.6 127.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.079 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

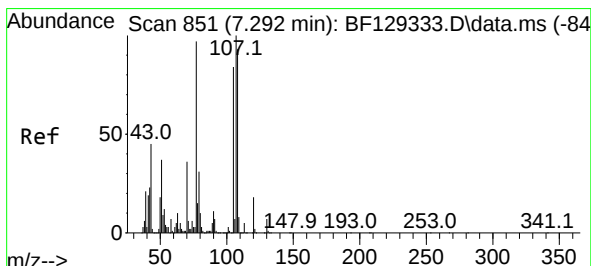
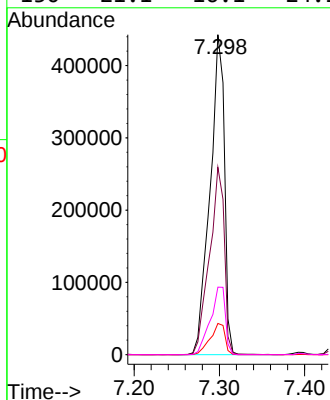
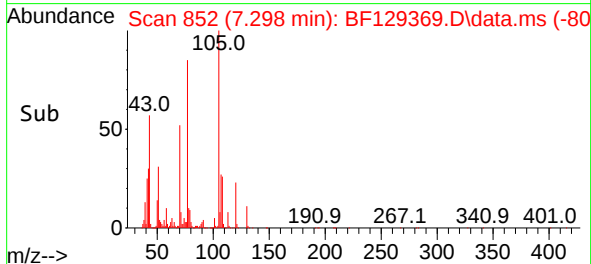
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



Tgt Ion: 70 Resp: 521048  
Ion Ratio Lower Upper  
70 100  
42 58.5 52.3 78.5  
101 9.7 7.5 11.3  
130 21.1 16.1 24.1

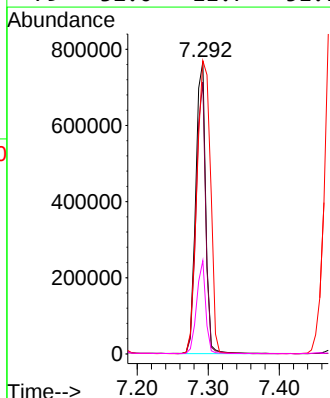
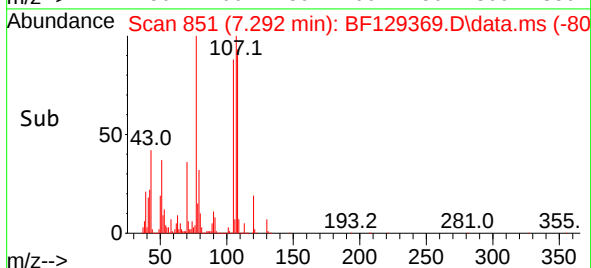
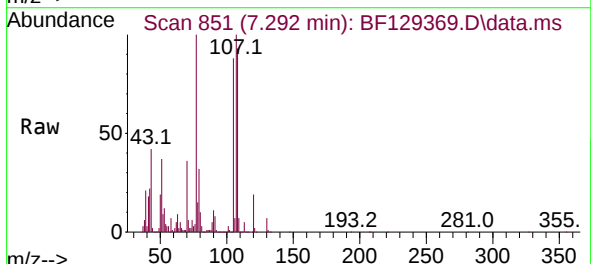
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#20  
3+4-Methylphenols  
Concen: 40.623 ng  
RT: 7.292 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Tgt Ion:107 Resp: 744107  
Ion Ratio Lower Upper  
107 100  
108 93.0 71.8 111.8  
77 100.5 59.3 99.3#  
79 32.0 11.7 51.7





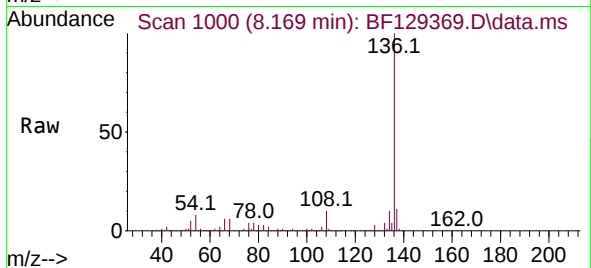
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

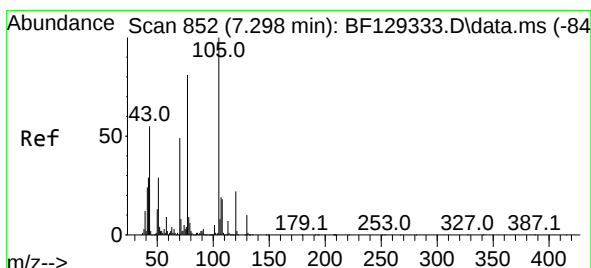
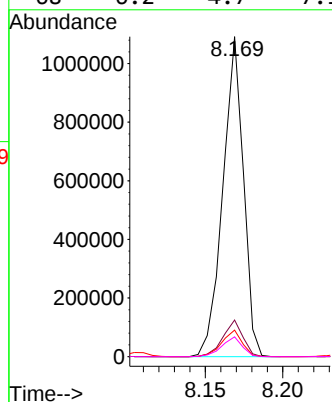
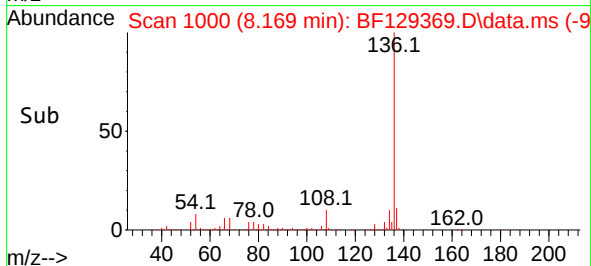


Tgt Ion:136 Resp: 1012051  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 8.3 7.5 11.3  
68 6.2 4.7 7.1

Manual Integrations

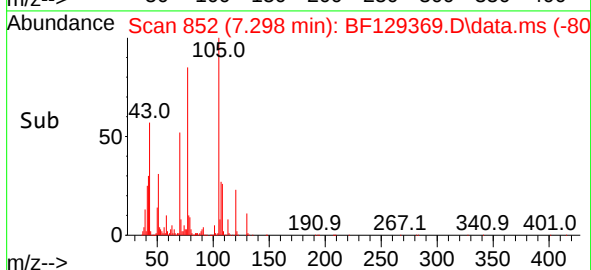
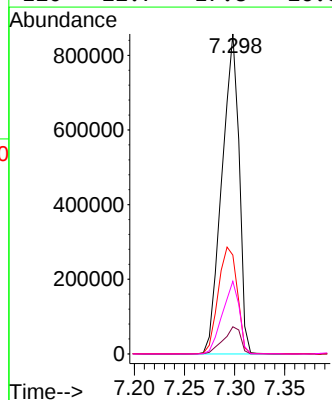
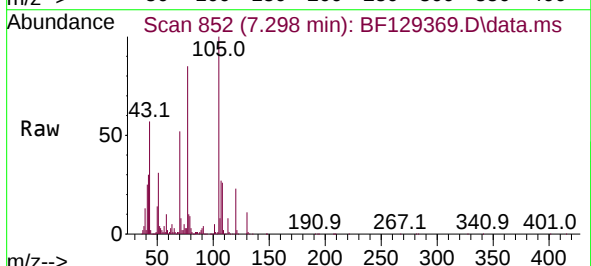
APPROVED

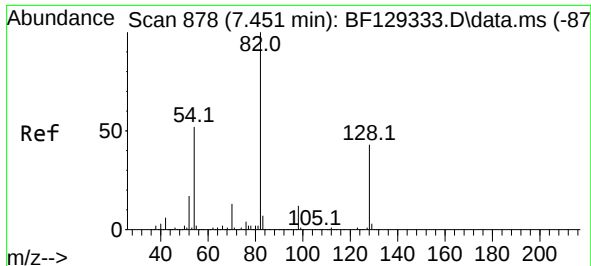
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#22  
Acetophenone  
Concen: 43.472 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

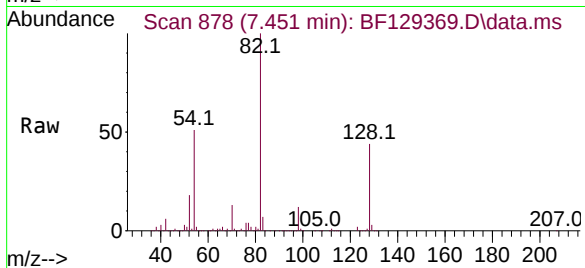
Tgt Ion:105 Resp: 1024319  
Ion Ratio Lower Upper  
105 100  
71 8.5 5.0 7.4#  
51 30.9 25.0 37.4  
120 22.7 17.8 26.8





#23  
Nitrobenzene-d5  
Concen: 84.803 ng  
RT: 7.451 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

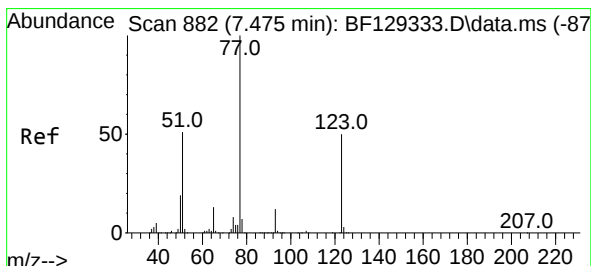
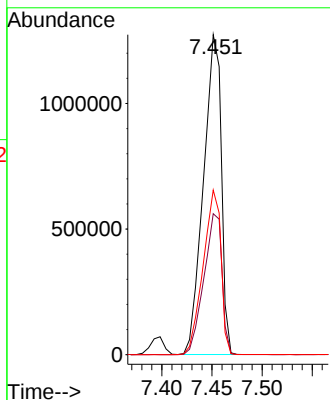
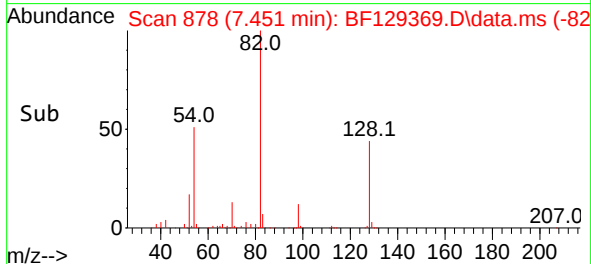
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



Tgt Ion: 82 Resp: 1572218  
Ion Ratio Lower Upper  
82 100  
128 44.0 34.0 51.0  
54 51.4 46.9 70.3

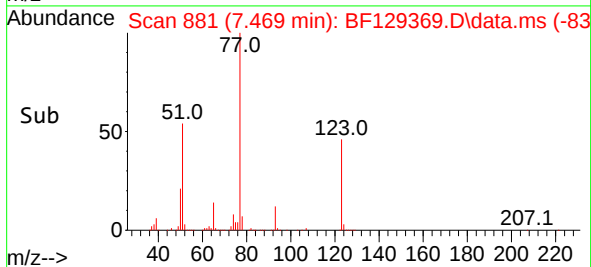
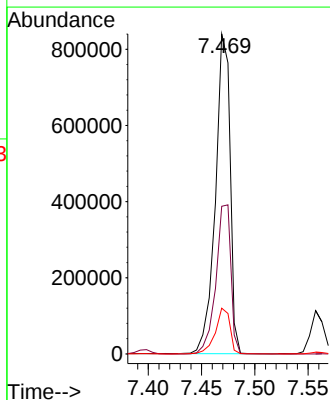
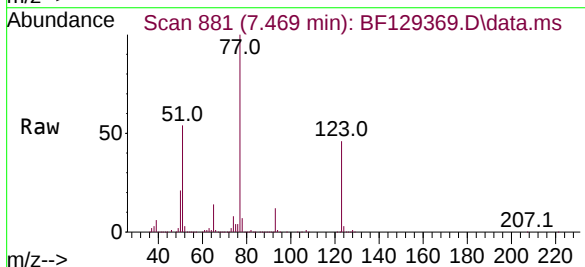
Manual Integrations  
APPROVED

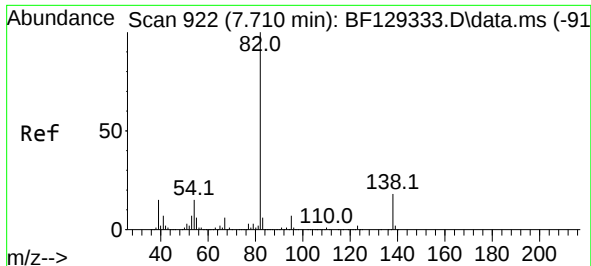
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#24  
Nitrobenzene  
Concen: 42.391 ng  
RT: 7.469 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Tgt Ion: 77 Resp: 809297  
Ion Ratio Lower Upper  
77 100  
123 46.1 35.4 53.2  
65 14.3 11.8 17.8





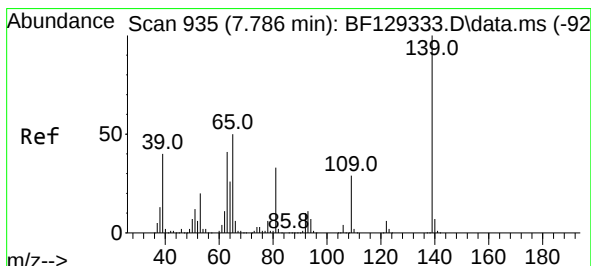
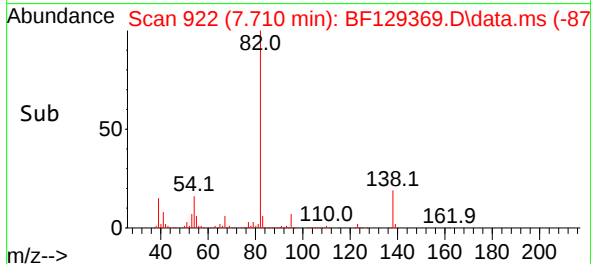
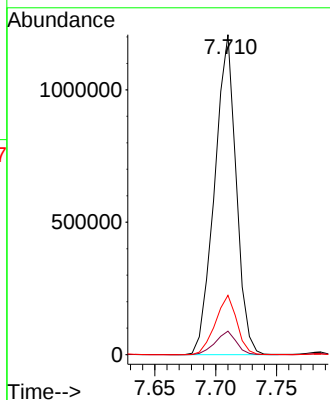
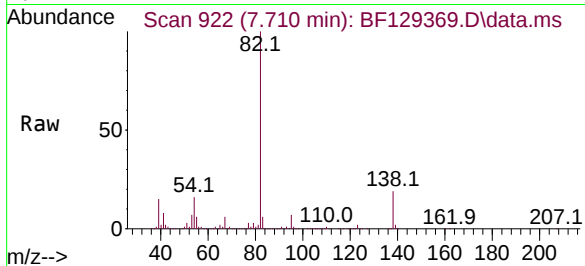
#25  
Isophorone  
Concen: 44.838 ng  
RT: 7.710 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS

Tgt Ion: 82 Resp: 1490063  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.7 8.5  
138 18.5 14.2 21.2

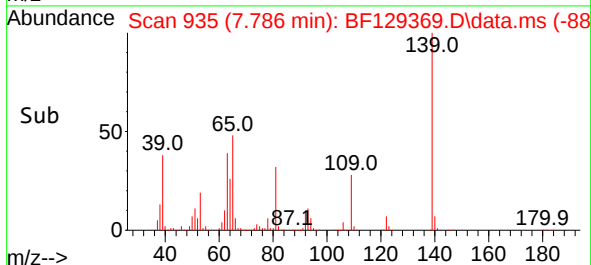
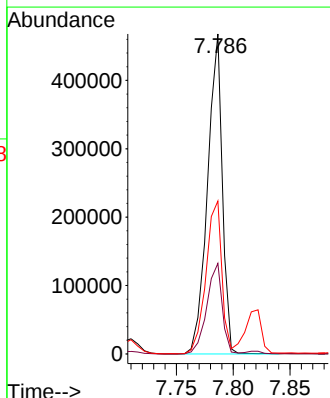
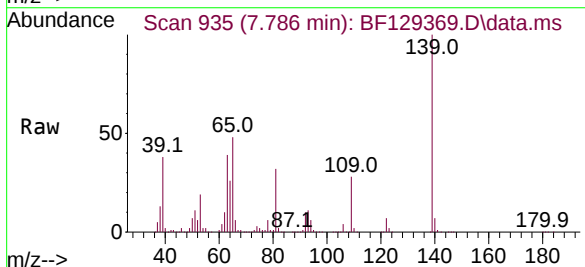
Manual Integrations  
APPROVED

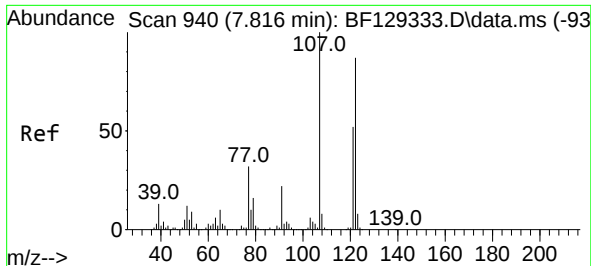
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#26  
2-Nitrophenol  
Concen: 45.175 ng  
RT: 7.786 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

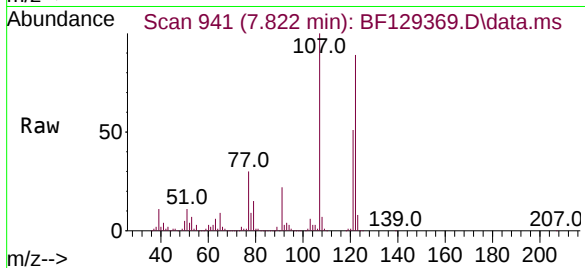
Tgt Ion:139 Resp: 425474  
Ion Ratio Lower Upper  
139 100  
109 28.3 25.0 37.4  
65 47.8 45.1 67.7





#27  
2,4-Dimethylphenol  
Concen: 49.491 ng  
RT: 7.822 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

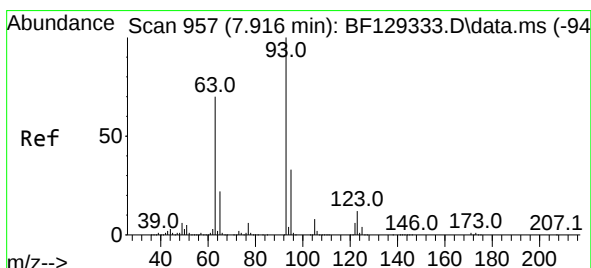
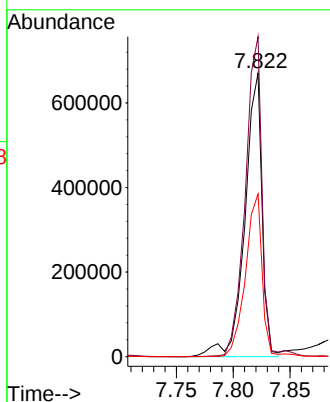
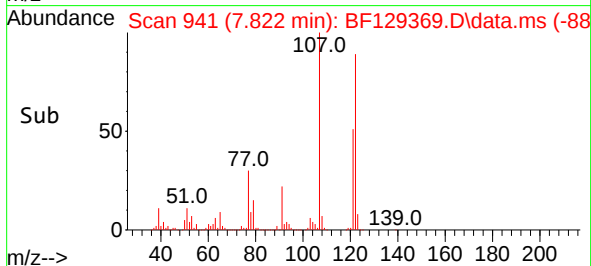
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



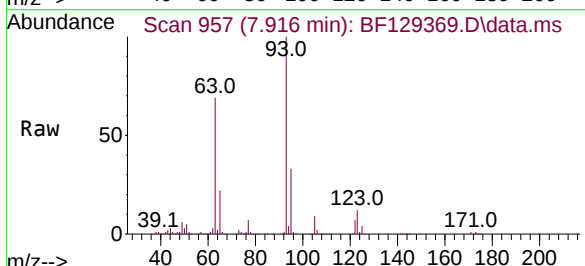
Tgt Ion:122 Resp: 699190  
Ion Ratio Lower Upper  
122 100  
107 112.9 93.0 139.6  
121 57.4 46.6 70.0

Manual Integrations  
APPROVED

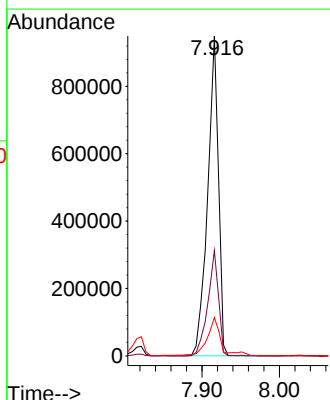
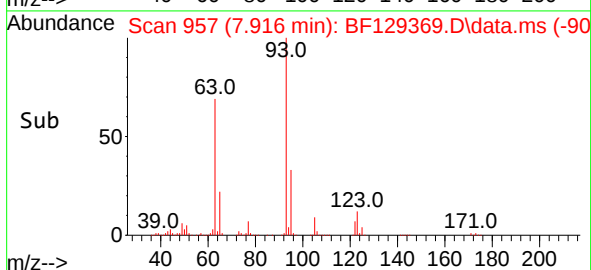
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

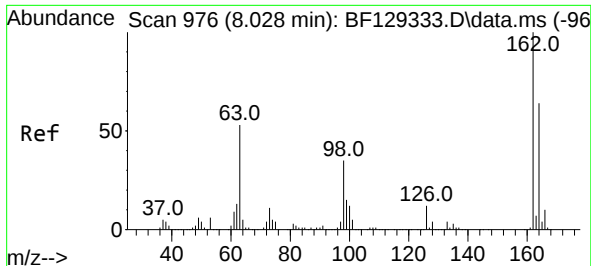


#28  
bis(2-Chloroethoxy)methane  
Concen: 47.709 ng  
RT: 7.916 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion: 93 Resp: 919738  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.8 40.2  
123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.875 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129369.D

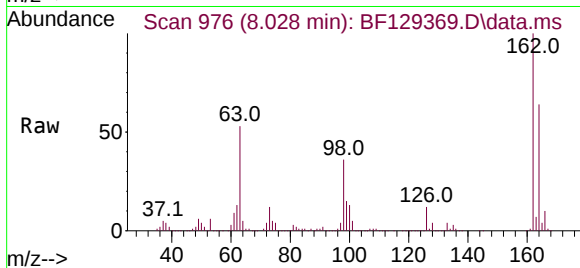
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

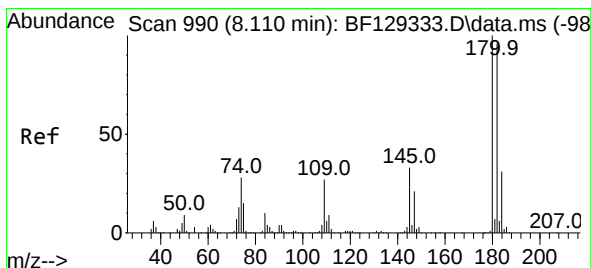
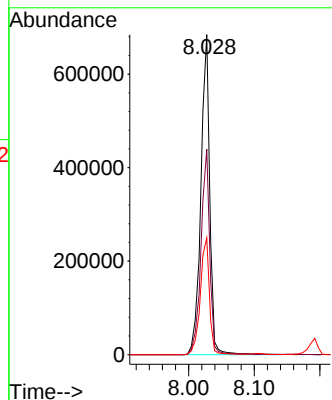
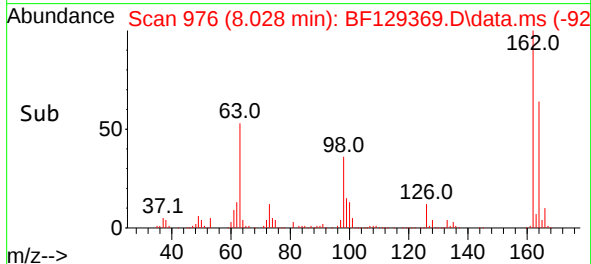


|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 639762    |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 64.2  | 44.2 84.2 |
| 98          | 36.5  | 19.6 59.6 |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.646 ng

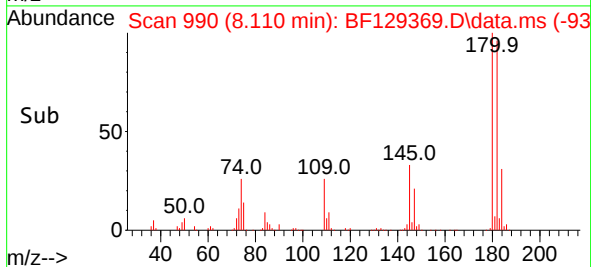
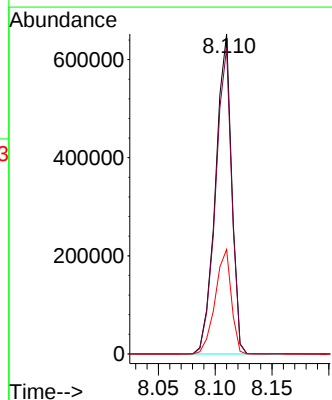
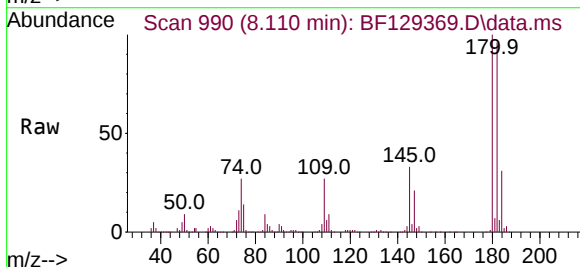
RT: 8.110 min Scan# 990

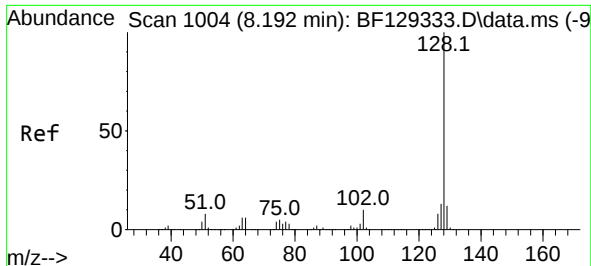
Delta R.T. 0.000 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

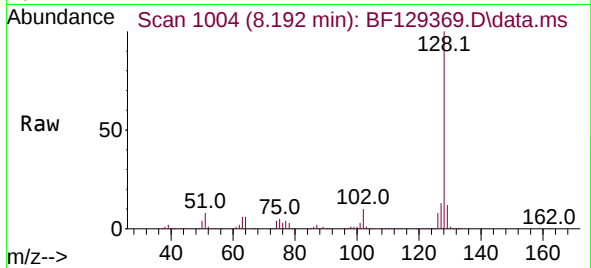
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 643655     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.6  | 79.2 118.8 |
| 145         | 32.6  | 26.2 39.2  |





#31  
Naphthalene  
Concen: 42.109 ng  
RT: 8.192 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

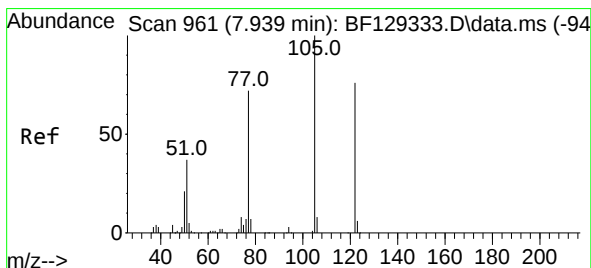
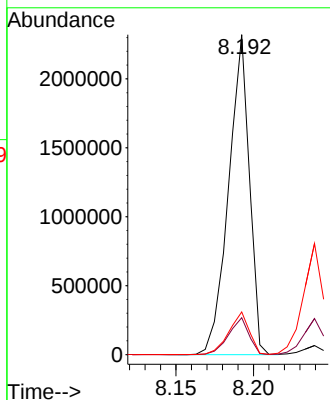
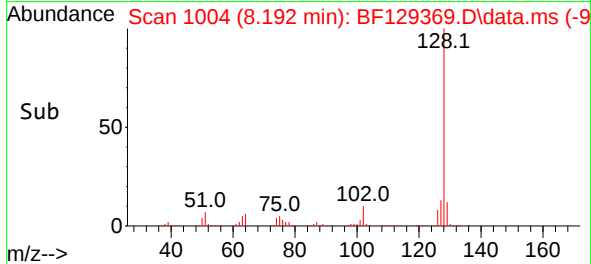
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



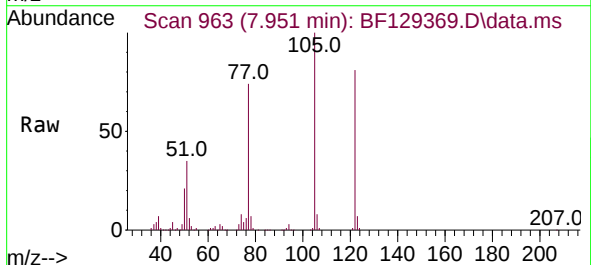
Tgt Ion:128 Resp: 216515  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.2 13.8  
127 13.3 10.5 15.7

Manual Integrations  
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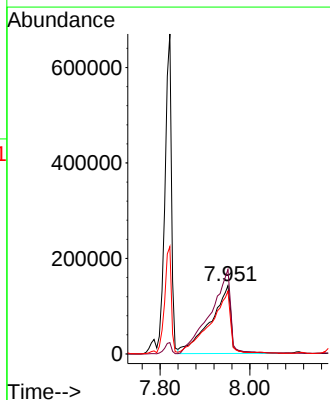
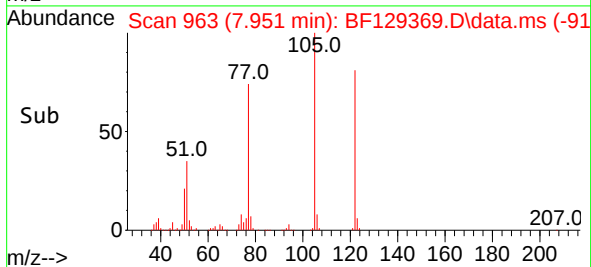
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

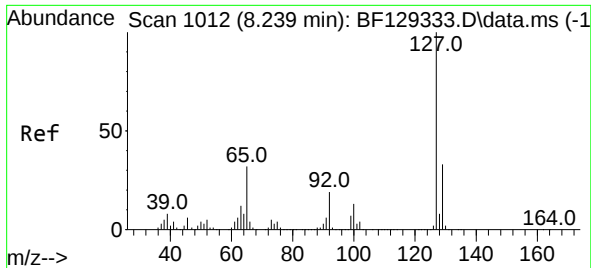


#32  
Benzoic acid  
Concen: 44.440 ng  
RT: 7.951 min Scan# 963  
Delta R.T. 0.012 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion:122 Resp: 453878  
Ion Ratio Lower Upper  
122 100  
105 123.7 107.1 147.1  
77 92.0 74.2 114.2





#33  
4-Chloroaniline  
Concen: 36.047 ng  
RT: 8.239 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

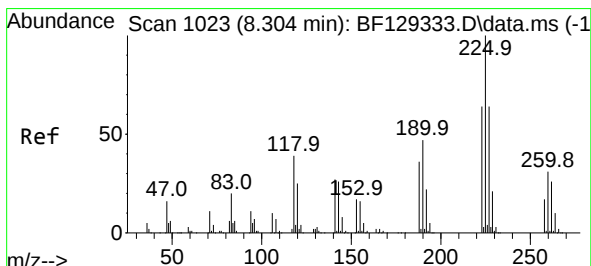
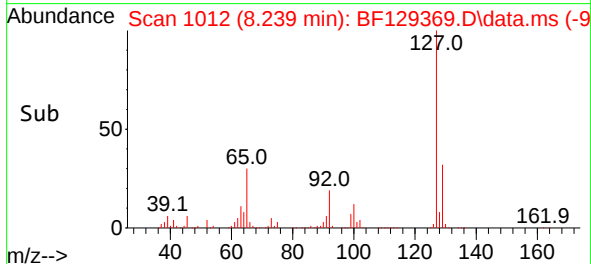
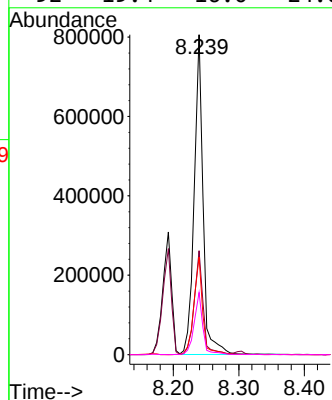
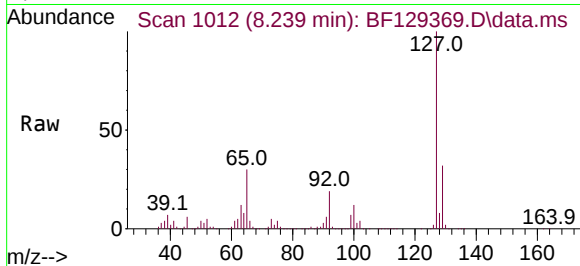
ClientSampleId :

PB146469BS

Tgt Ion:127 Resp: 760959  
Ion Ratio Lower Upper  
127 100  
129 32.5 26.4 39.6  
65 30.5 26.4 39.6  
92 19.4 16.0 24.0

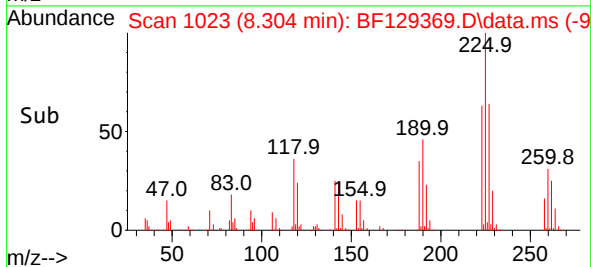
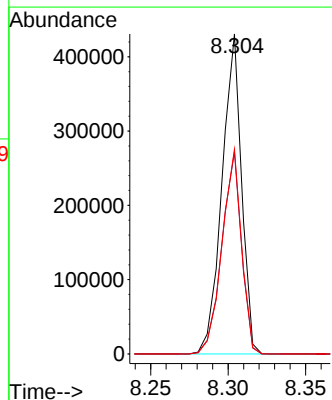
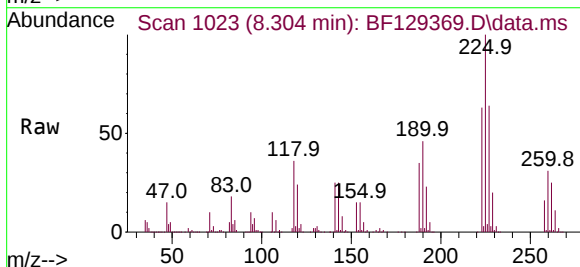
Manual Integrations  
APPROVED

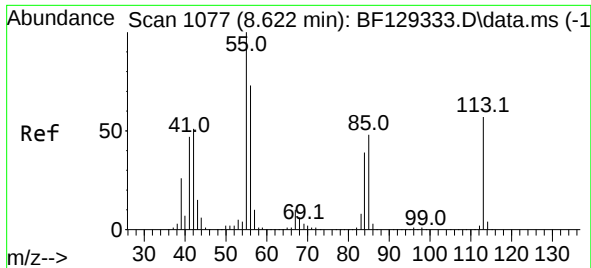
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#34  
Hexachlorobutadiene  
Concen: 43.941 ng  
RT: 8.304 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

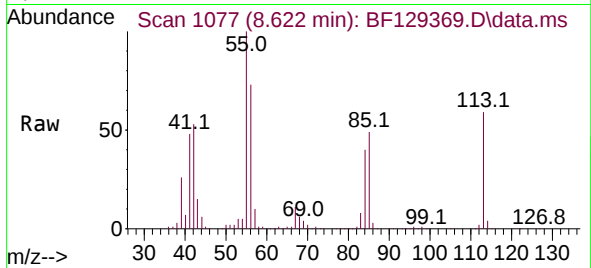
Tgt Ion:225 Resp: 376992  
Ion Ratio Lower Upper  
225 100  
223 63.1 51.0 76.6  
227 64.0 51.1 76.7





#35  
Caprolactam  
Concen: 43.286 ng m  
RT: 8.622 min Scan# 1077  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

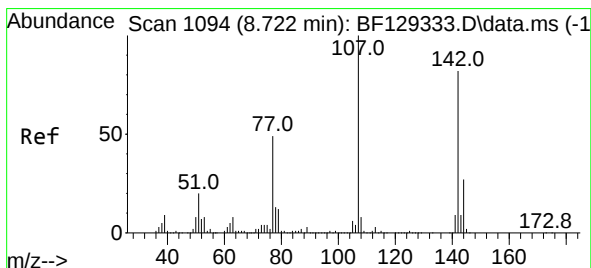
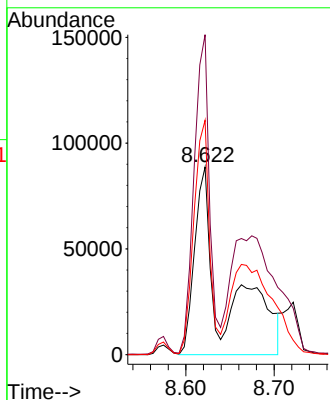
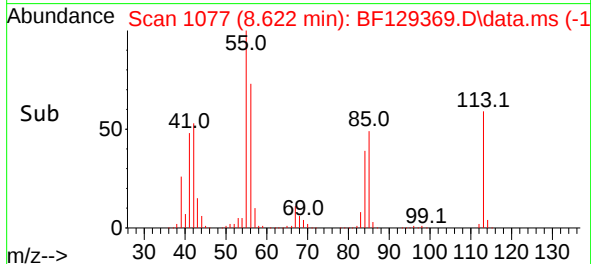
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



Tgt Ion:113 Resp: 205205  
Ion Ratio Lower Upper  
113 100  
55 170.5 188.5 228.5  
56 124.9 130.6 170.6

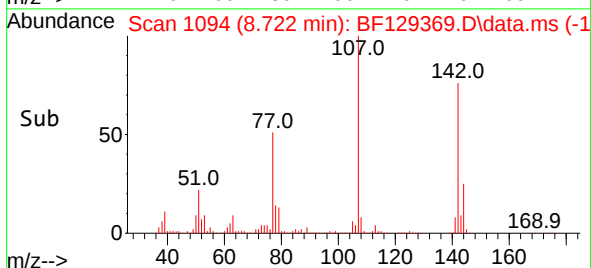
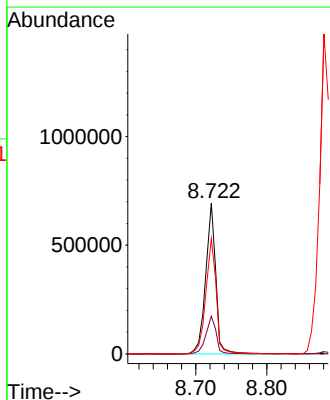
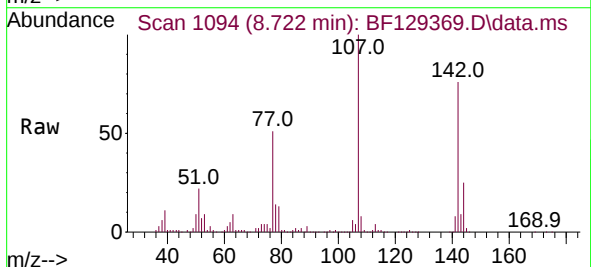
Manual Integrations  
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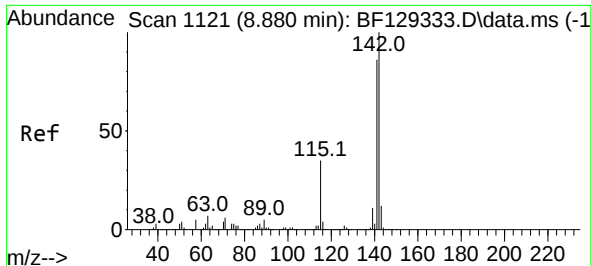
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#36  
4-Chloro-3-methylphenol  
Concen: 43.945 ng  
RT: 8.722 min Scan# 1094  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Tgt Ion:107 Resp: 679634  
Ion Ratio Lower Upper  
107 100  
144 25.1 19.5 29.3  
142 76.4 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.002 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

Tgt Ion:142 Resp: 1403484

Ion Ratio Lower Upper

142 100

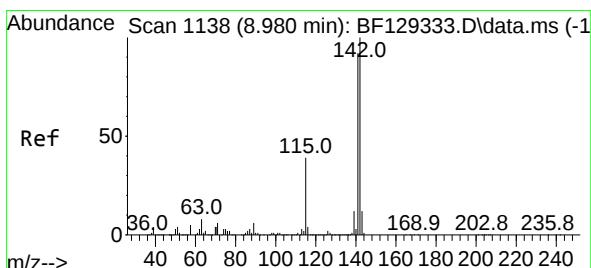
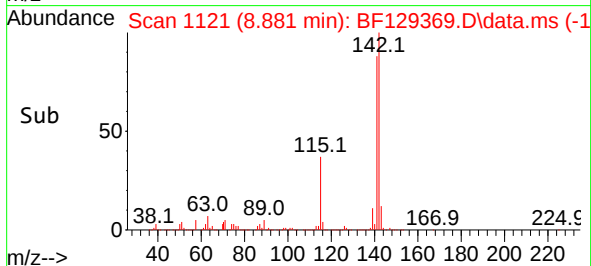
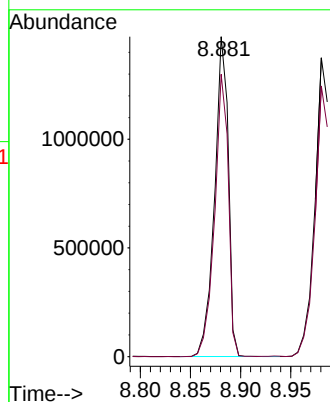
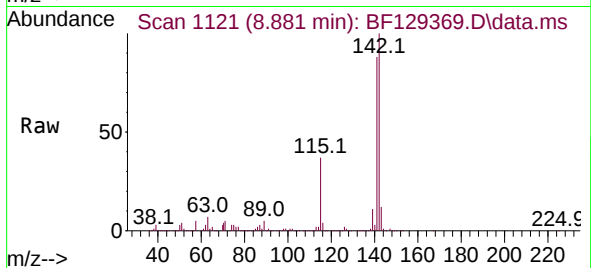
141 88.2 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/28/2022

Supervised By :Jagrut Upadhyay 07/28/2022



#38

1-Methylnaphthalene

Concen: 41.800 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129369.D

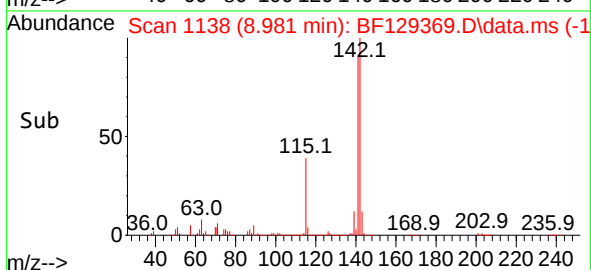
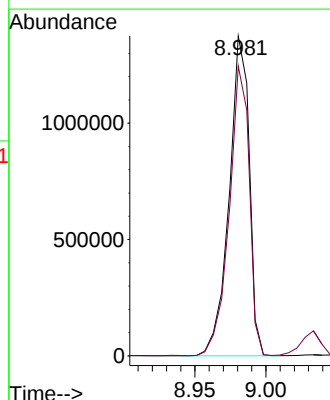
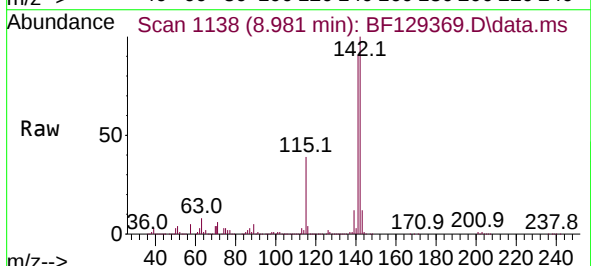
Acq: 27 Jul 2022 10:47

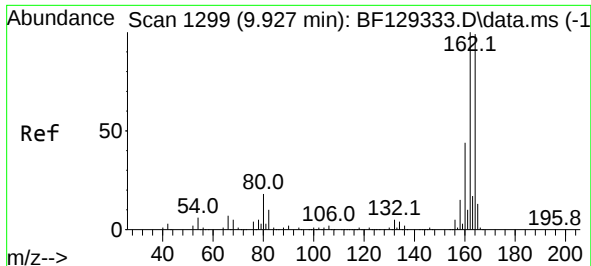
Tgt Ion:142 Resp: 1348320

Ion Ratio Lower Upper

142 100

141 90.5 74.2 111.4





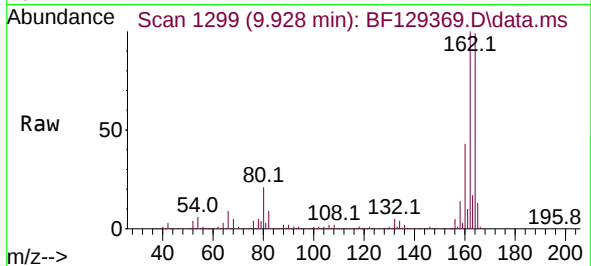
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

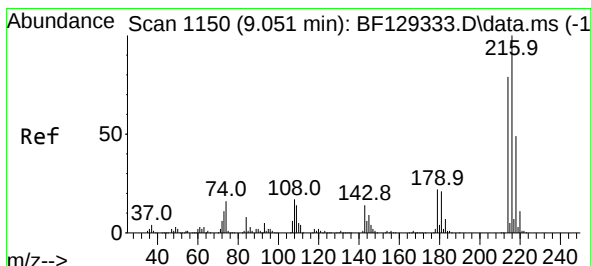
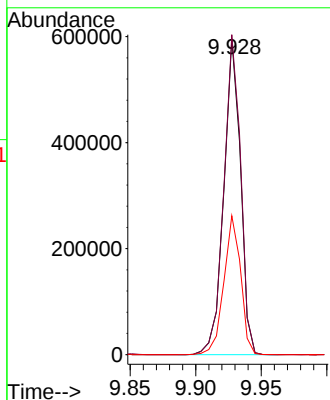
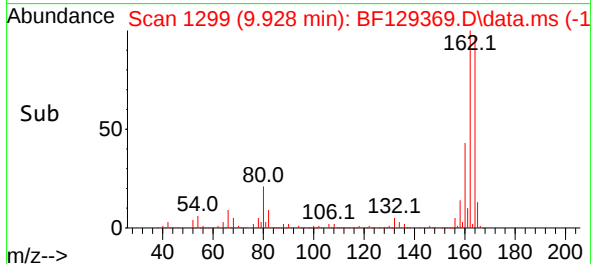


Tgt Ion:164 Resp: 528936  
Ion Ratio Lower Upper  
164 100  
162 101.3 79.5 119.3  
160 44.0 34.2 51.4

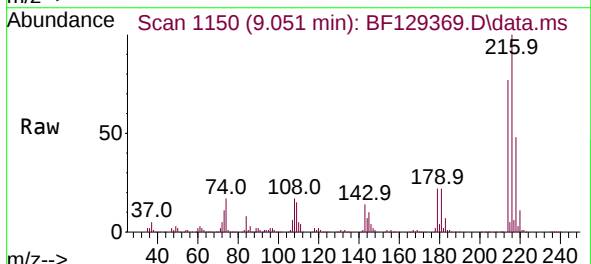
Manual Integrations

APPROVED

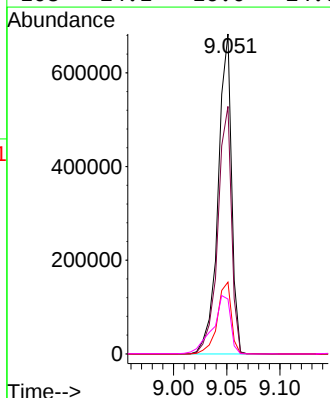
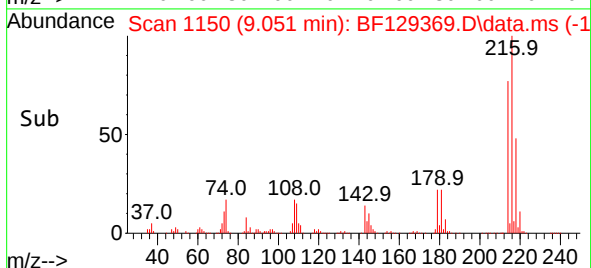
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

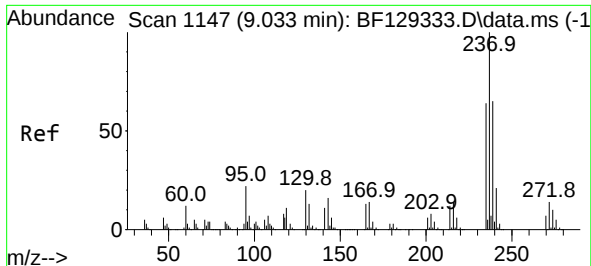


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.338 ng  
RT: 9.051 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



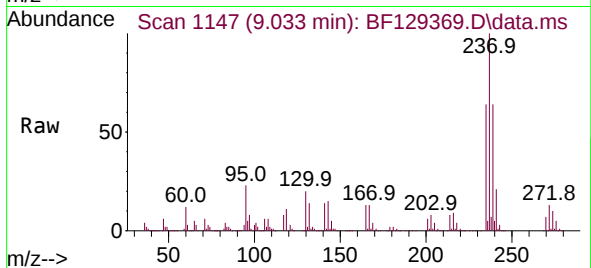
Tgt Ion:216 Resp: 601907  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.6 95.4  
179 23.1 17.0 25.6  
108 24.1 16.0 24.0#





#41  
Hexachlorocyclopentadiene  
Concen: 117.784 ng  
RT: 9.033 min Scan# 1147  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

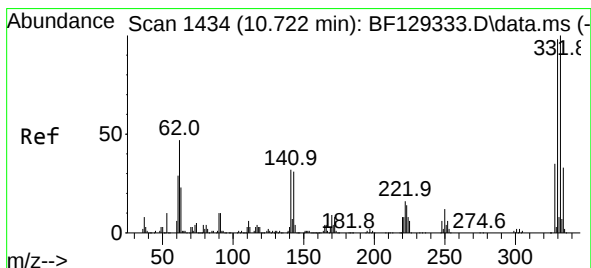
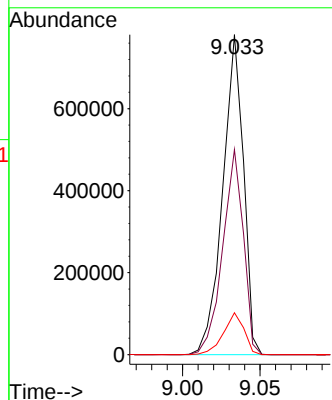
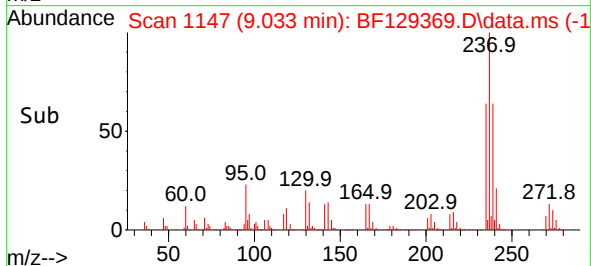
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



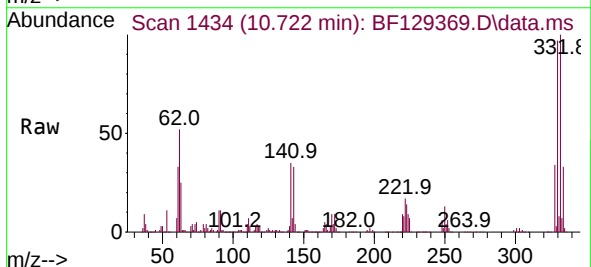
Tgt Ion:237 Resp: 728437  
Ion Ratio Lower Upper  
237 100  
235 64.1 43.2 83.2  
272 13.1 0.0 31.9

Manual Integrations  
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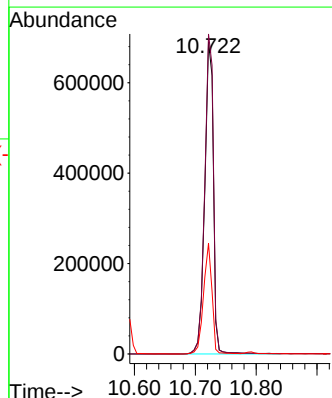
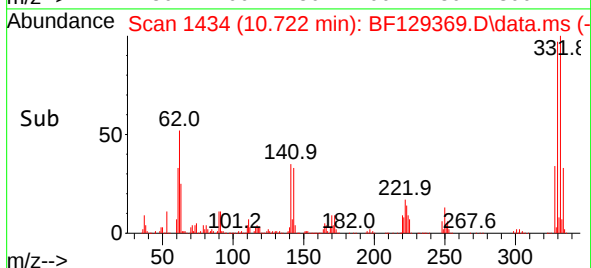
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

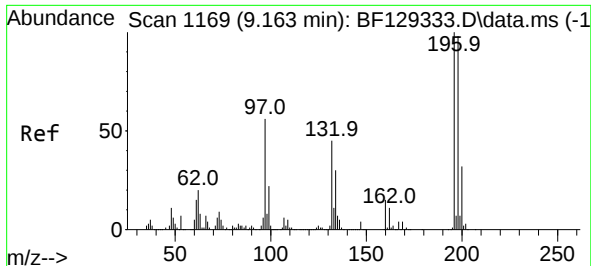


#42  
2,4,6-Tribromophenol  
Concen: 133.704 ng  
RT: 10.722 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



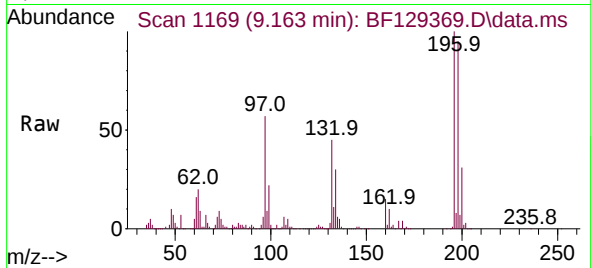
Tgt Ion:330 Resp: 679927  
Ion Ratio Lower Upper  
330 100  
332 103.6 76.8 115.2  
141 34.5 28.0 42.0





#43  
2,4,6-Trichlorophenol  
Concen: 43.239 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

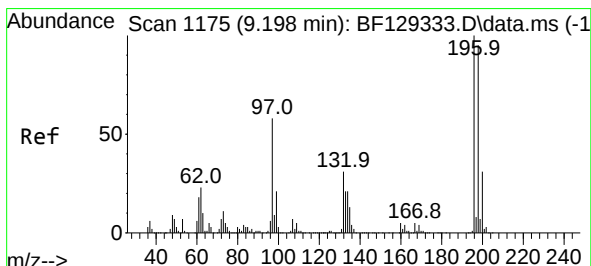
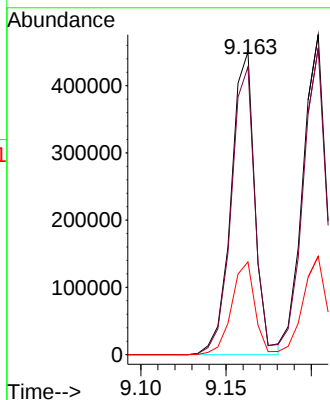
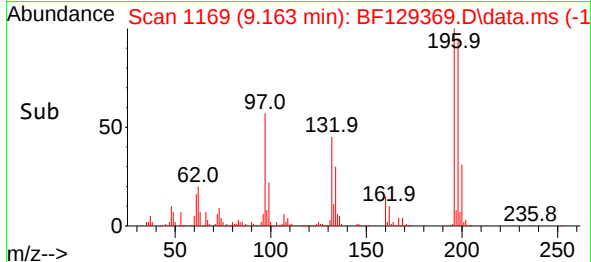
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



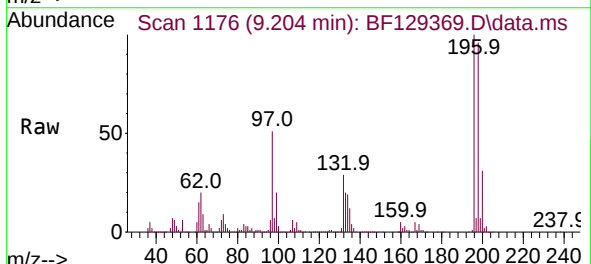
Tgt Ion:196 Resp: 43617  
Ion Ratio Lower Upper  
196 100  
198 95.0 74.0 111.0  
200 30.6 24.1 36.1

Manual Integrations  
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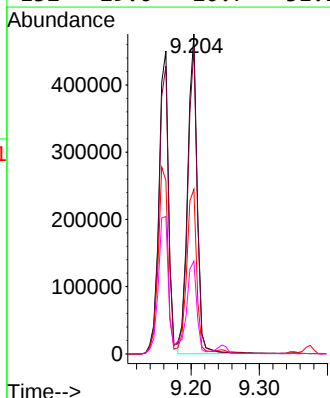
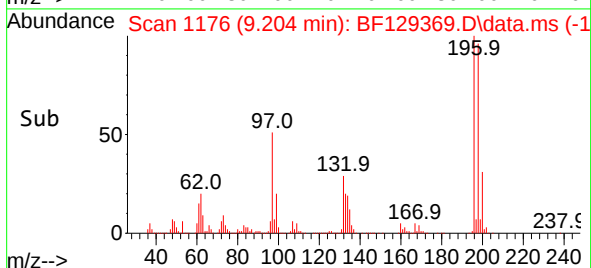
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

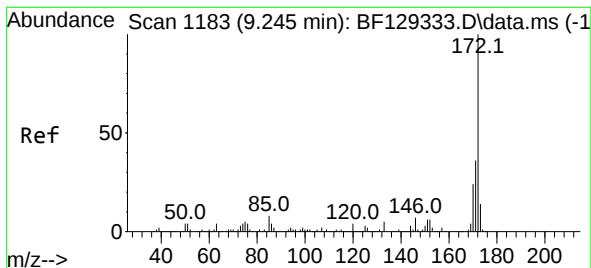


#44  
2,4,5-Trichlorophenol  
Concen: 42.466 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion:196 Resp: 465855  
Ion Ratio Lower Upper  
196 100  
198 95.7 75.7 113.5  
97 51.5 36.4 54.6  
132 29.0 20.7 31.1





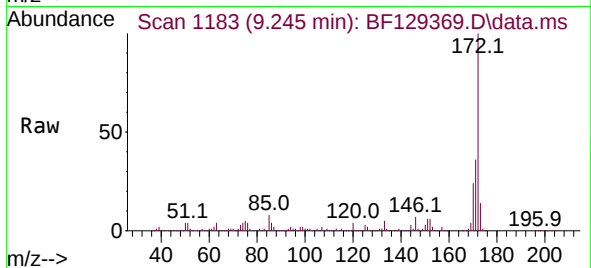
#45  
2-Fluorobiphenyl  
Concen: 77.303 ng  
RT: 9.245 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

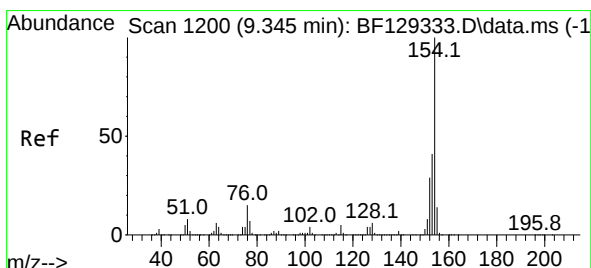
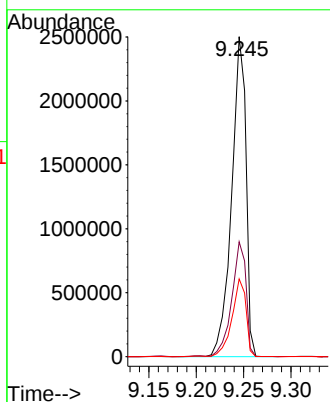
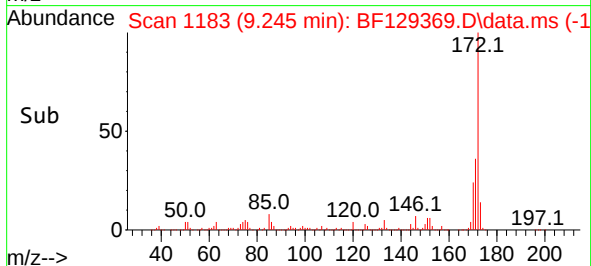


Tgt Ion:172 Resp: 2643166  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.8 43.2  
170 24.3 19.8 29.8

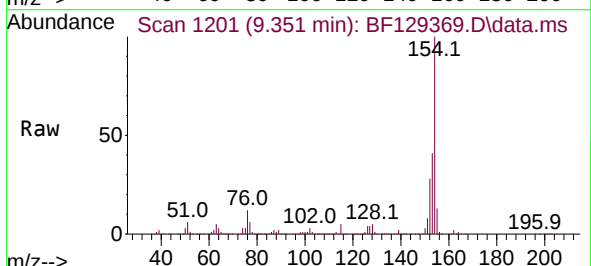
Manual Integrations

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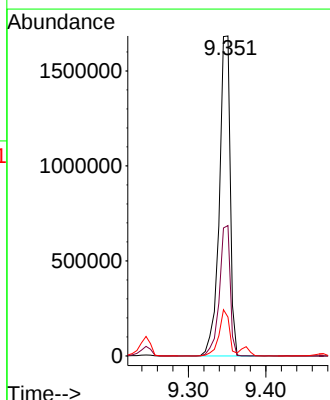
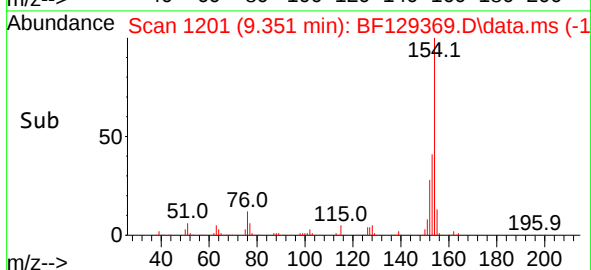
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

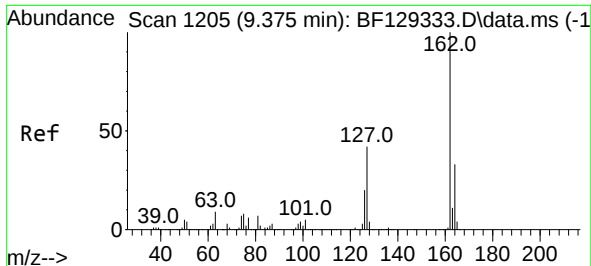


#46  
1,1'-Biphenyl  
Concen: 42.808 ng  
RT: 9.351 min Scan# 1201  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion:154 Resp: 1652472  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.6 60.6  
76 12.1 0.0 33.3





#47  
2-Chloronaphthalene  
Concen: 42.116 ng  
RT: 9.375 min Scan# 1205  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

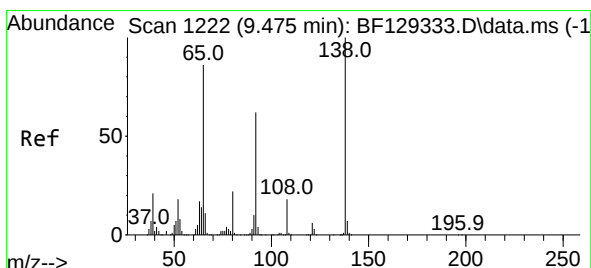
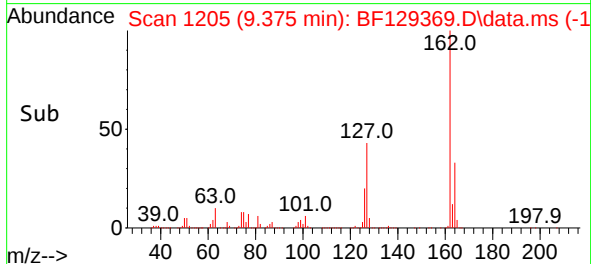
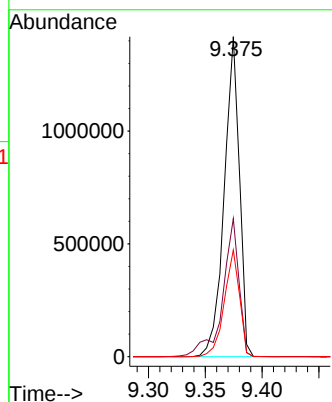
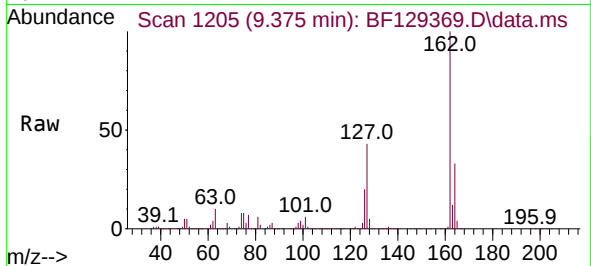
ClientSampleId :

PB146469BS

Tgt Ion:162 Resp: 1314266  
Ion Ratio Lower Upper  
162 100  
127 43.1 34.5 51.7  
164 33.3 26.5 39.7

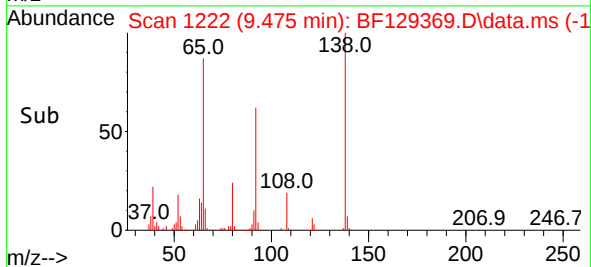
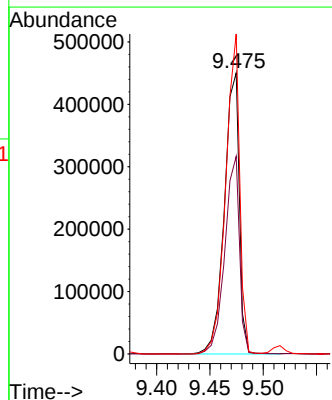
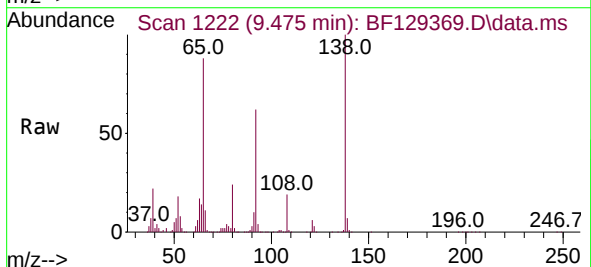
Manual Integrations  
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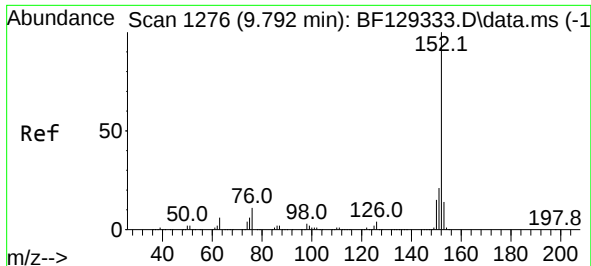
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#48  
2-Nitroaniline  
Concen: 42.557 ng  
RT: 9.475 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Tgt Ion: 65 Resp: 441596  
Ion Ratio Lower Upper  
65 100  
92 70.3 51.9 77.9  
138 113.8 76.4 114.6





#49

Acenaphthylene

Concen: 42.175 ng

RT: 9.792 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

Tgt Ion:152 Resp: 1999819

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

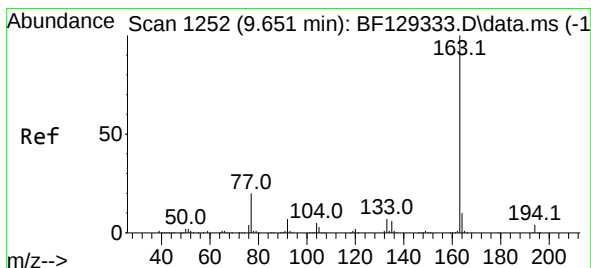
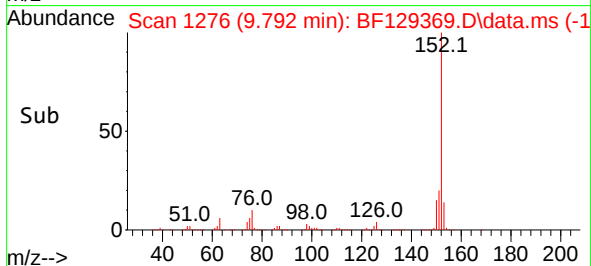
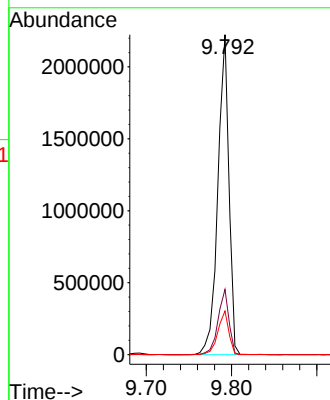
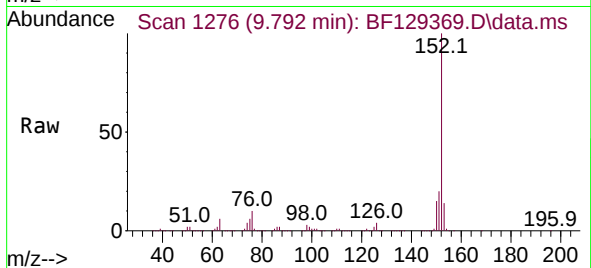
153 13.6 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/28/2022

Supervised By :Jagrut Upadhyay 07/28/2022



#50

Dimethylphthalate

Concen: 42.620 ng

RT: 9.651 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

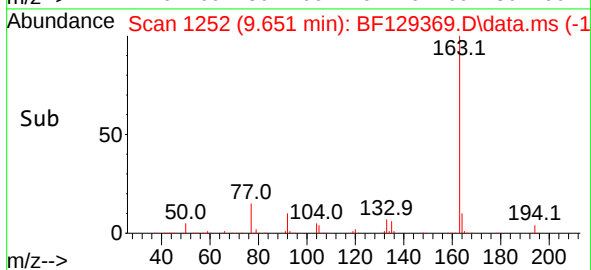
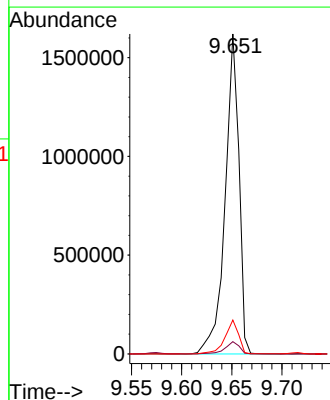
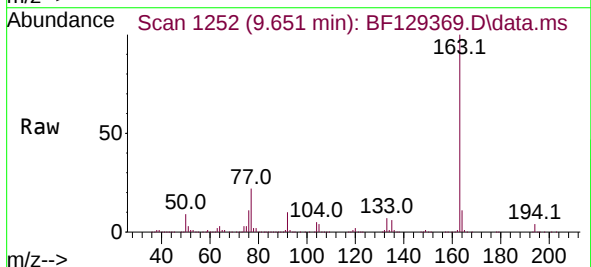
Tgt Ion:163 Resp: 1556225

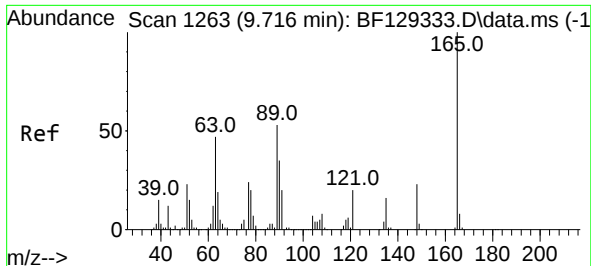
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.6 8.2 12.2





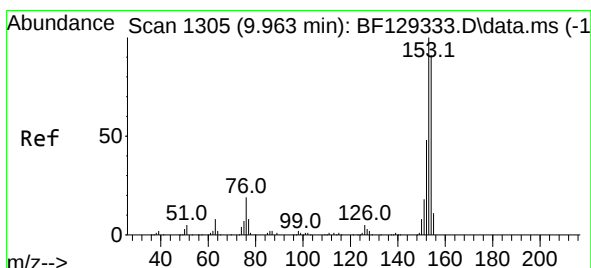
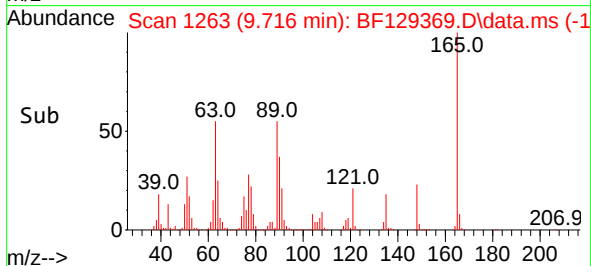
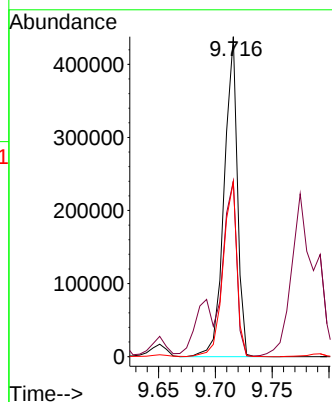
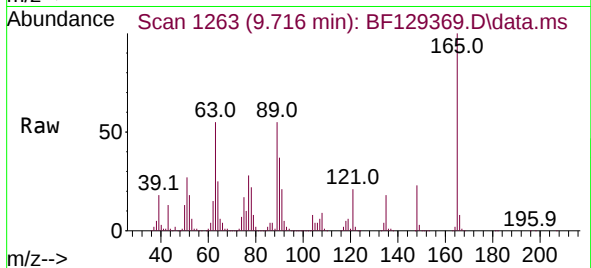
#51  
2,6-Dinitrotoluene  
Concen: 43.446 ng  
RT: 9.716 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS

Tgt Ion:165 Resp: 355062  
Ion Ratio Lower Upper  
165 100  
63 54.9 44.9 67.3  
89 54.6 43.6 65.4

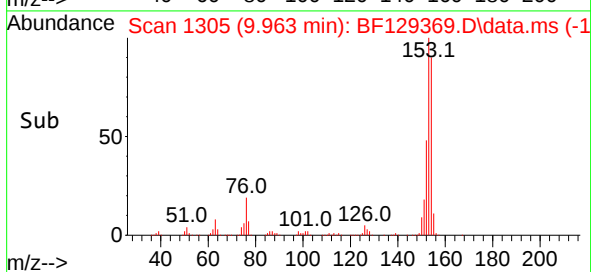
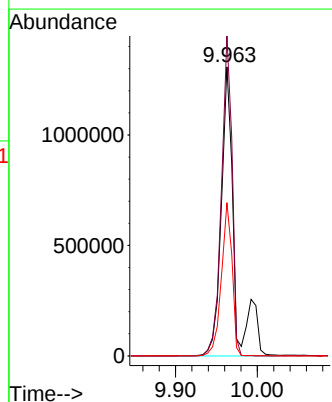
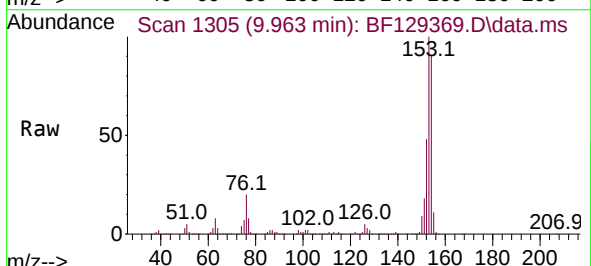
Manual Integrations  
APPROVED

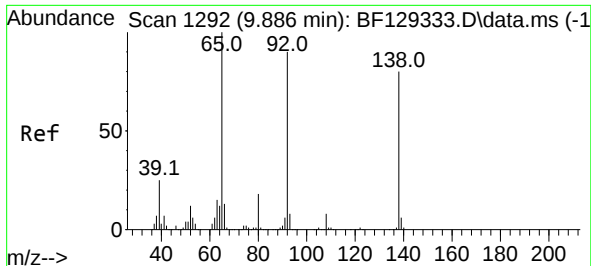
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#52  
Acenaphthene  
Concen: 46.485 ng m  
RT: 9.963 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Tgt Ion:154 Resp: 1439648  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.6 134.4  
152 53.0 42.4 63.6





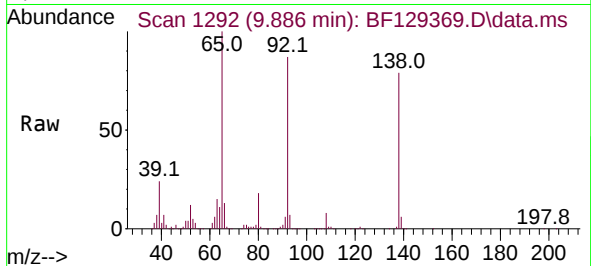
#53  
3-Nitroaniline  
Concen: 34.078 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

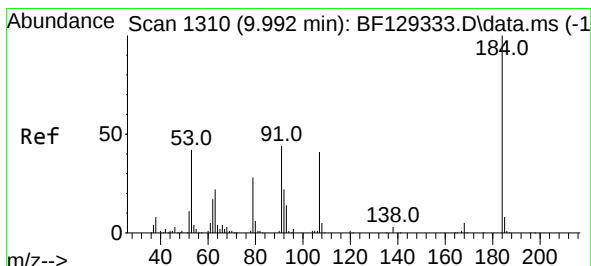
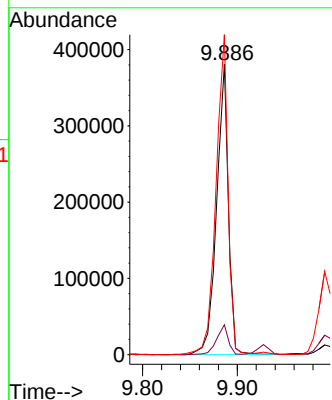
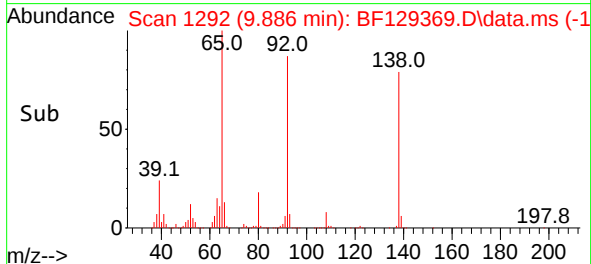


Tgt Ion:138 Resp: 328870  
Ion Ratio Lower Upper  
138 100  
108 10.3 10.9 16.3  
92 110.3 98.2 147.2

Manual Integrations

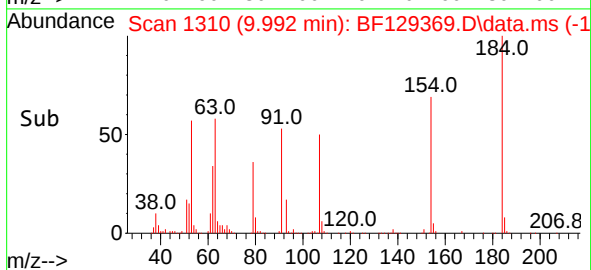
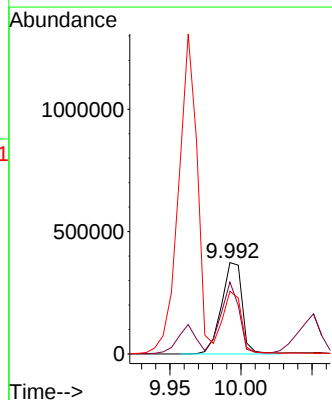
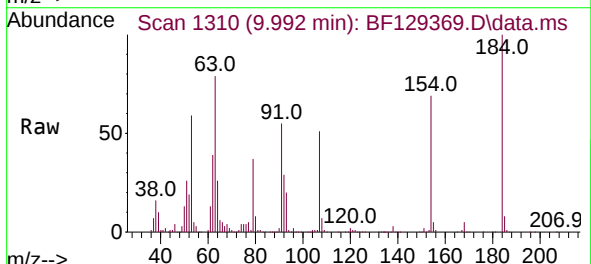
APPROVED

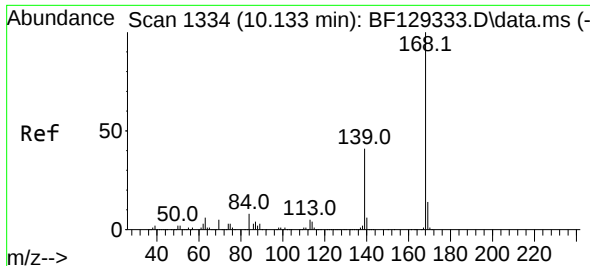
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#54  
2,4-Dinitrophenol  
Concen: 91.114 ng  
RT: 9.992 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

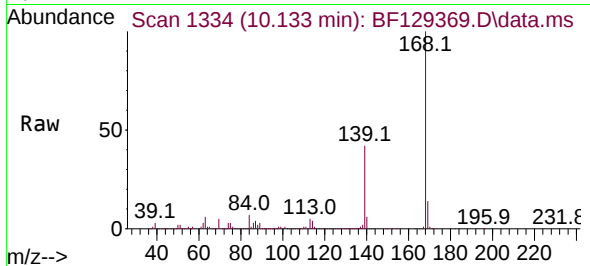
Tgt Ion:184 Resp: 380136  
Ion Ratio Lower Upper  
184 100  
63 78.7 64.5 96.7  
154 68.7 50.6 75.8





#55  
Dibenzofuran  
Concen: 41.896 ng  
RT: 10.133 min Scan# 1334  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

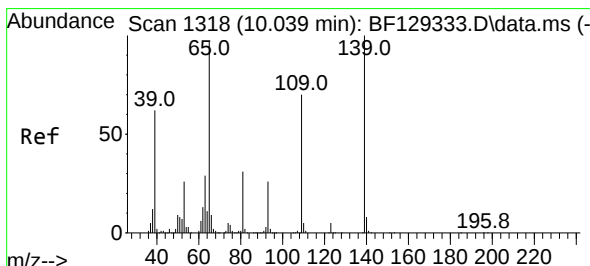
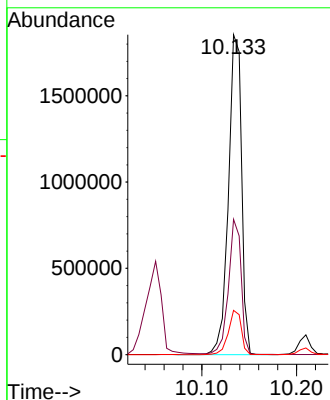
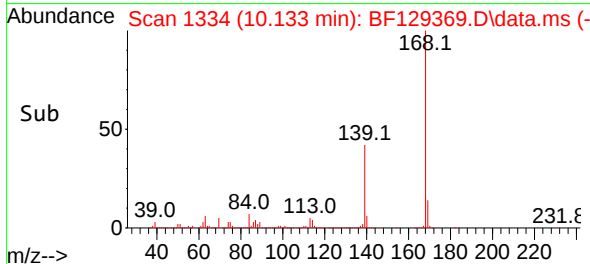
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



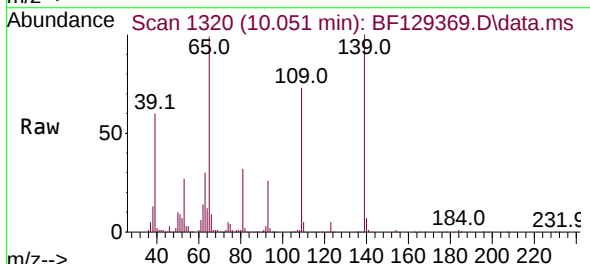
Tgt Ion:168 Resp: 1788658  
Ion Ratio Lower Upper  
168 100  
139 42.3 30.6 46.0  
169 13.8 11.0 16.6

Manual Integrations  
APPROVED

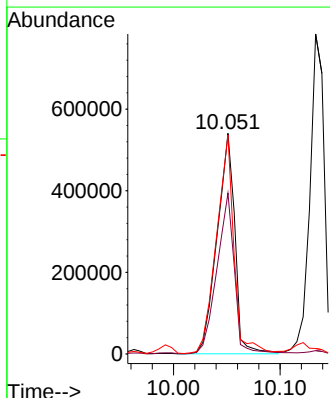
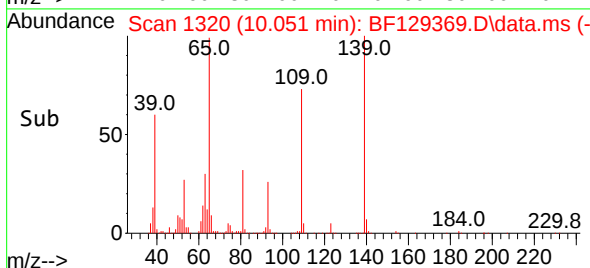
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

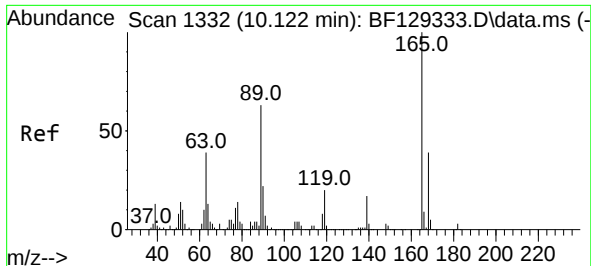


#56  
4-Nitrophenol  
Concen: 88.277 ng  
RT: 10.051 min Scan# 1320  
Delta R.T. 0.012 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion:139 Resp: 628500  
Ion Ratio Lower Upper  
139 100  
109 72.8 50.7 90.7  
65 99.3 74.5 114.5





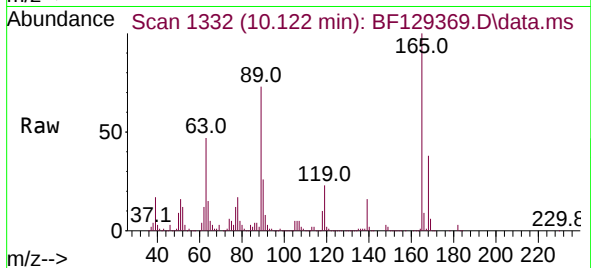
#57  
2,4-Dinitrotoluene  
Concen: 44.241 ng  
RT: 10.122 min Scan# 1332  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

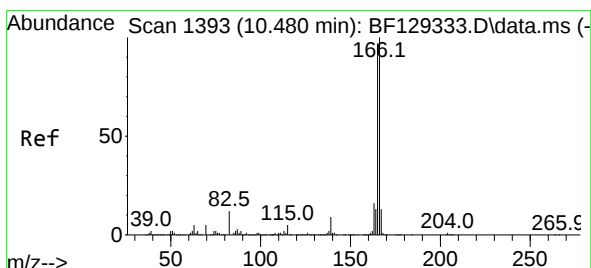
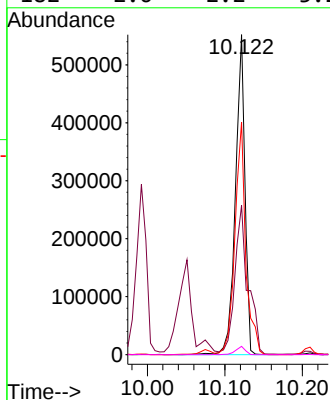
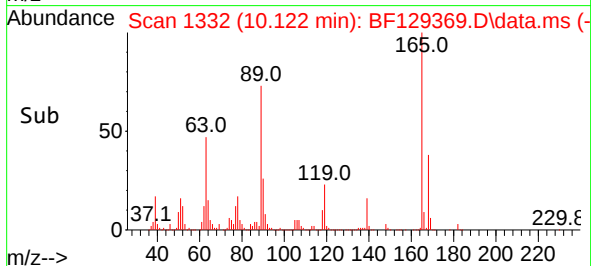
PB146469BS



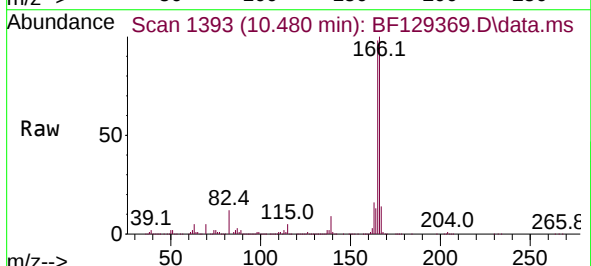
Tgt Ion:165 Resp: 472326  
Ion Ratio Lower Upper  
165 100  
63 46.7 39.8 59.6  
89 72.7 60.2 90.2  
182 2.6 2.2 3.2

Manual Integrations  
APPROVED

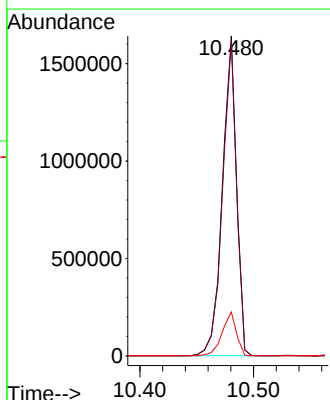
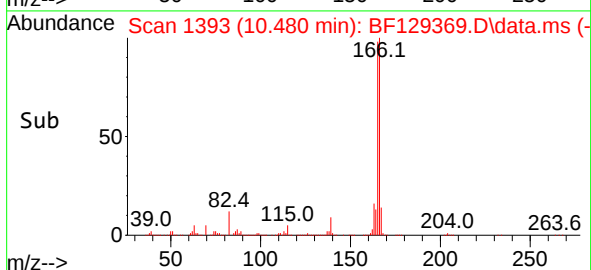
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

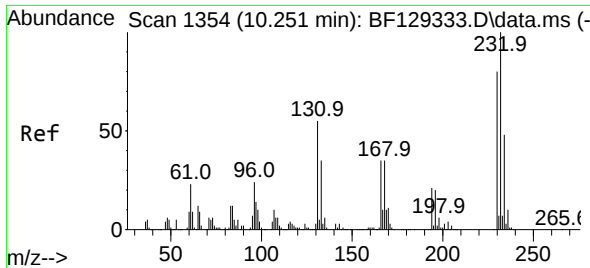


#58  
Fluorene  
Concen: 41.383 ng  
RT: 10.480 min Scan# 1393  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



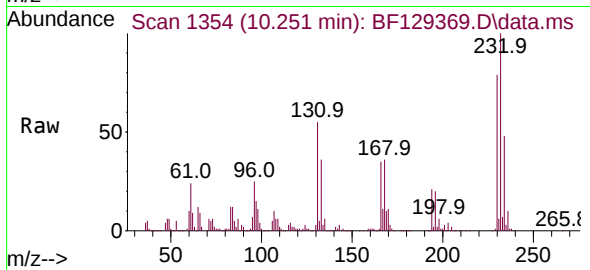
Tgt Ion:166 Resp: 1413623  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.1 117.1  
167 13.7 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.354 ng  
RT: 10.251 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

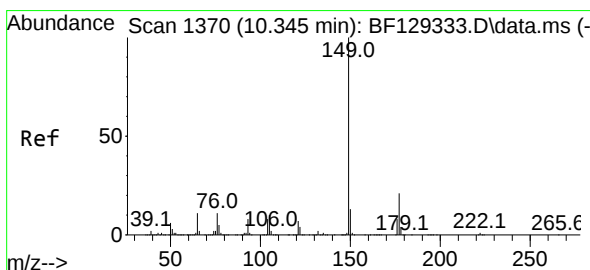
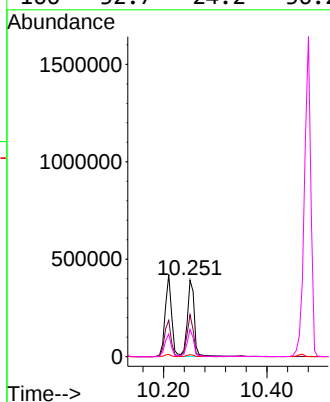
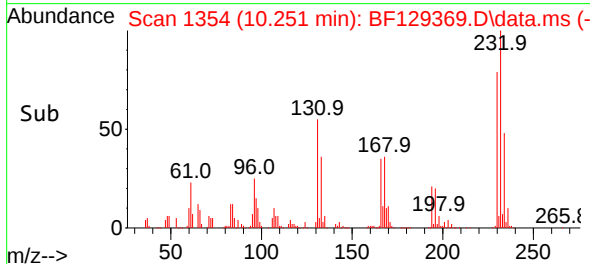
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



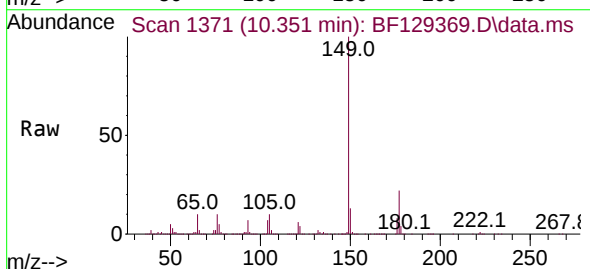
Tgt Ion:232 Resp: 367534  
Ion Ratio Lower Upper  
232 100  
131 50.3 36.1 54.1  
130 2.6 1.8 2.8  
166 32.7 24.2 36.2

Manual Integrations  
APPROVED

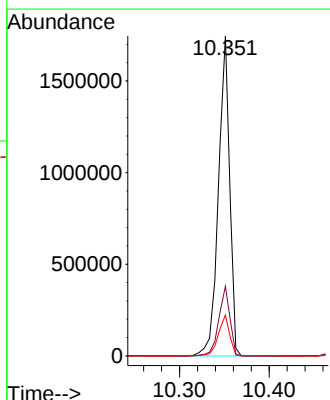
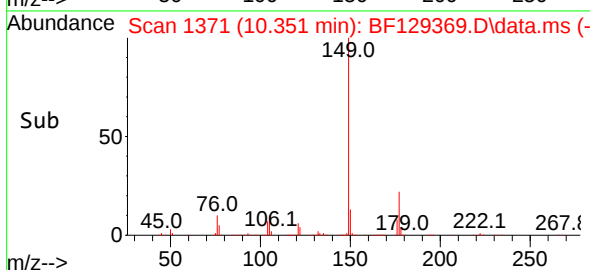
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

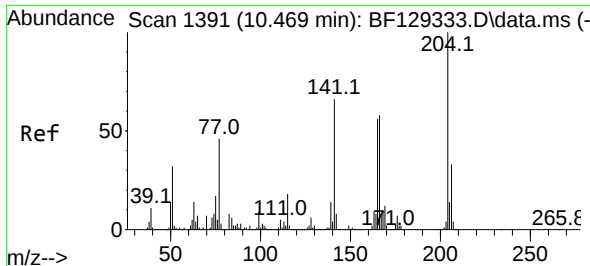


#60  
Diethylphthalate  
Concen: 43.083 ng  
RT: 10.351 min Scan# 1371  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



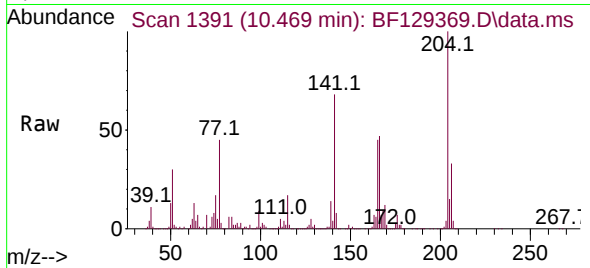
Tgt Ion:149 Resp: 1520750  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.3 25.9  
150 12.8 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 42.412 ng  
RT: 10.469 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

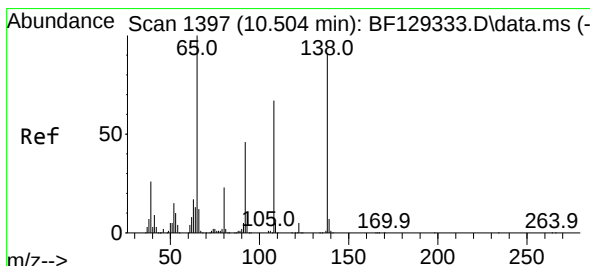
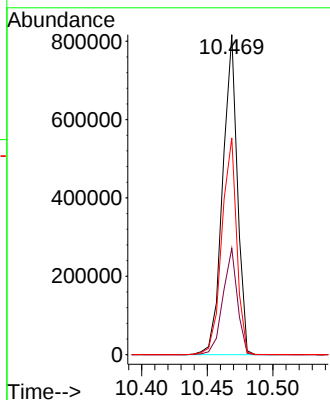
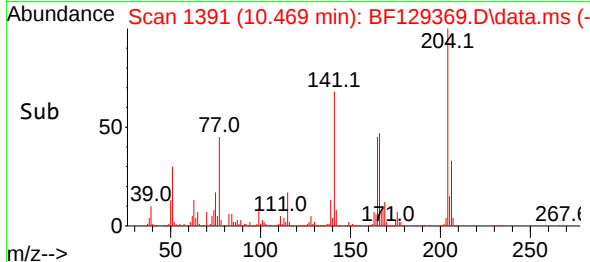
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



Tgt Ion:204 Resp: 638700  
Ion Ratio Lower Upper  
204 100  
206 33.2 25.8 38.6  
141 67.7 47.0 70.4

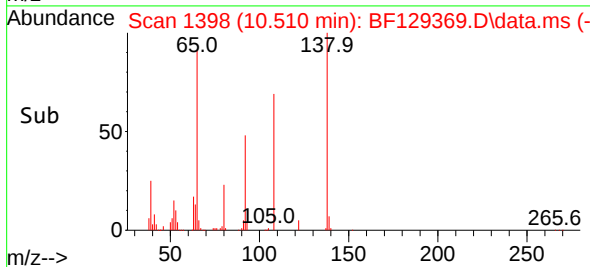
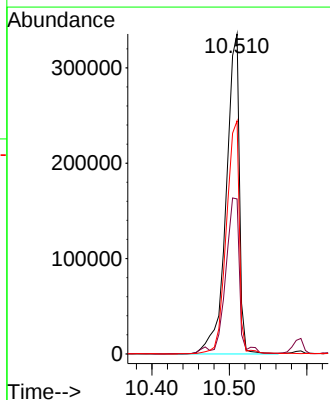
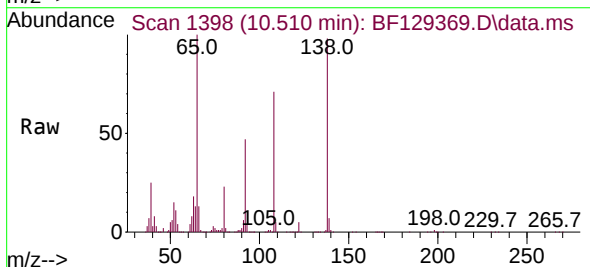
Manual Integrations  
APPROVED

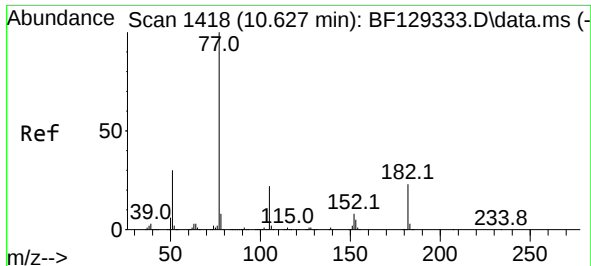
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#62  
4-Nitroaniline  
Concen: 41.667 ng  
RT: 10.510 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

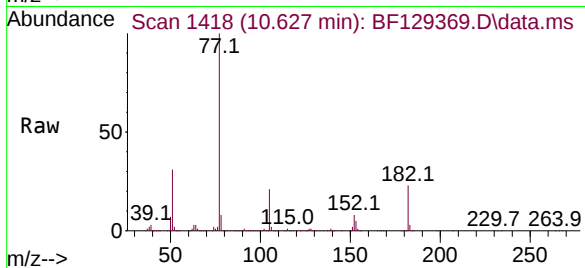
Tgt Ion:138 Resp: 398898  
Ion Ratio Lower Upper  
138 100  
92 48.4 33.5 73.5  
108 72.8 61.0 101.0





#63  
Azobenzene  
Concen: 41.669 ng  
RT: 10.627 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

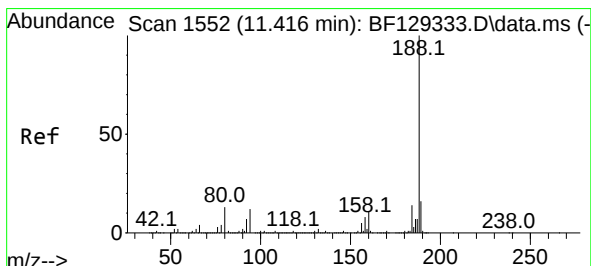
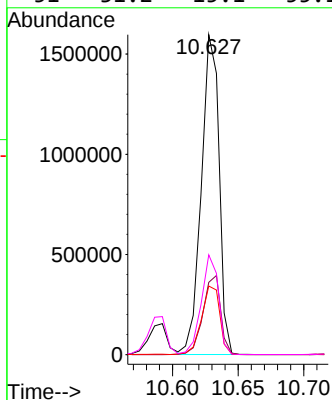
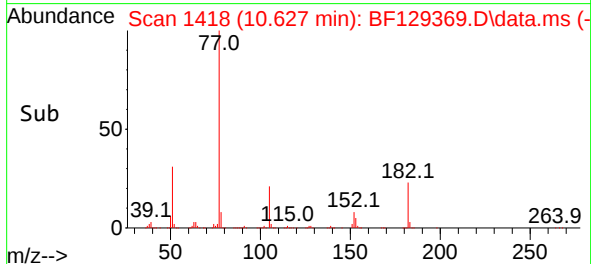
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



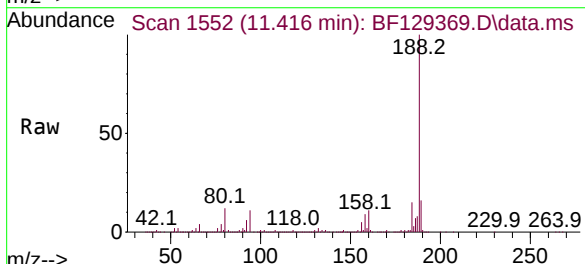
Tgt Ion: 77 Resp: 1500194  
Ion Ratio Lower Upper  
77 100  
182 22.6 5.6 45.6  
105 21.4 1.6 41.6  
51 31.2 15.1 55.1

Manual Integrations  
APPROVED

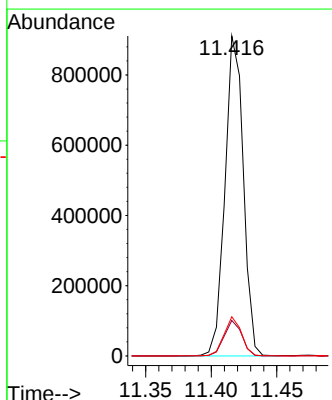
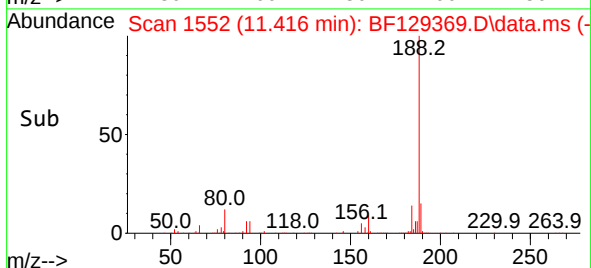
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

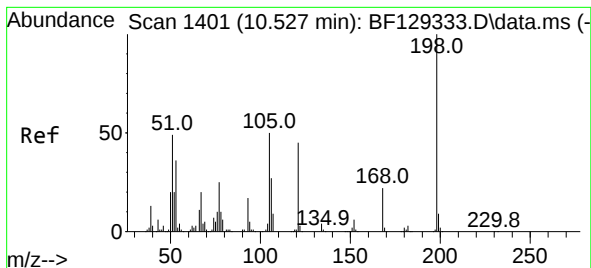


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1552  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



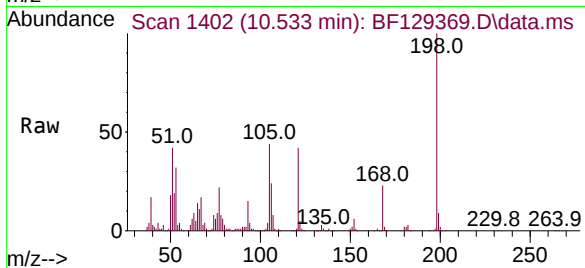
Tgt Ion:188 Resp: 886971  
Ion Ratio Lower Upper  
188 100  
94 11.1 7.0 10.6#  
80 12.2 7.6 11.4#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.010 ng  
RT: 10.533 min Scan# 1402  
Delta R.T. 0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

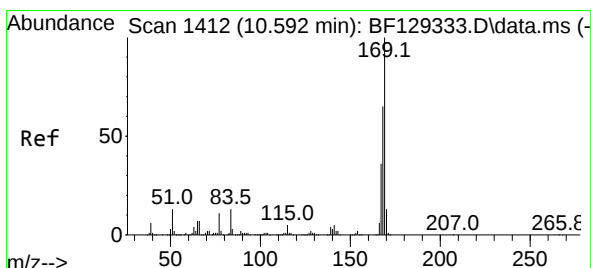
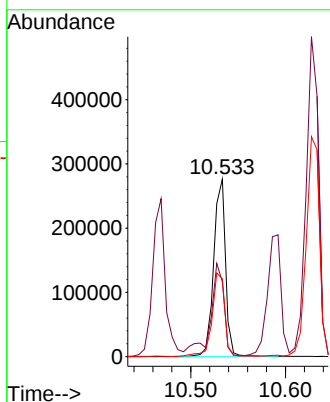
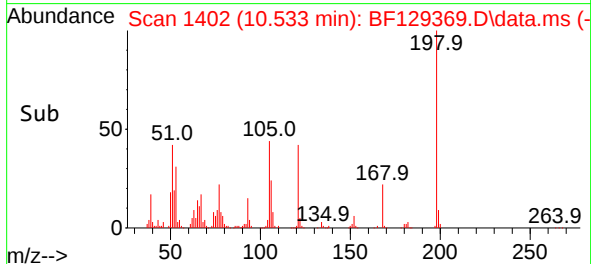
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



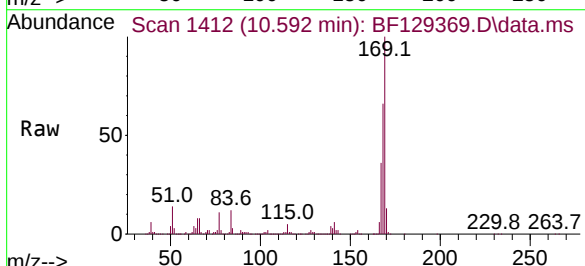
Tgt Ion:198 Resp: 240784  
Ion Ratio Lower Upper  
198 100  
51 42.1 37.6 77.6  
105 43.9 27.0 67.0

Manual Integrations  
APPROVED

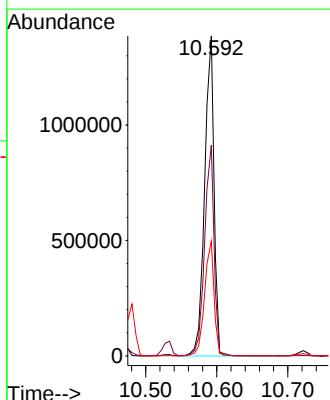
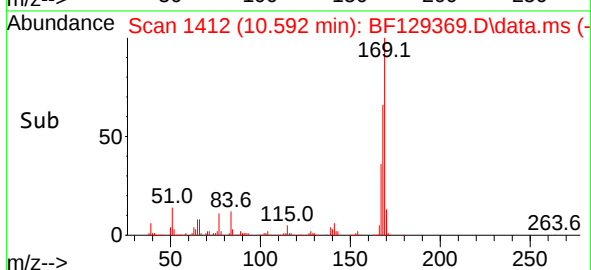
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

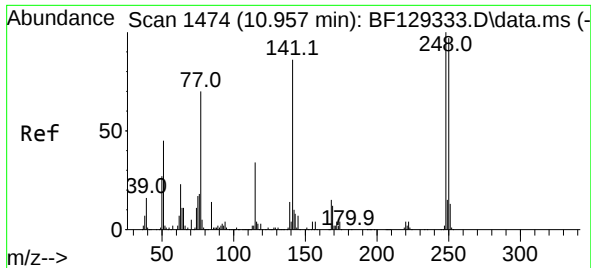


#66  
n-Nitrosodiphenylamine  
Concen: 42.584 ng  
RT: 10.592 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



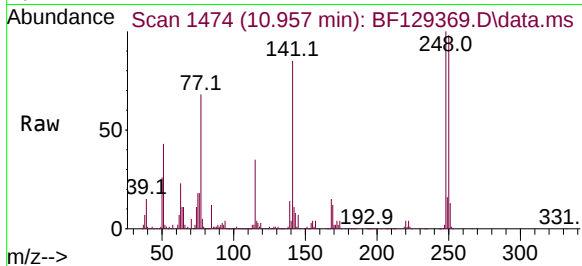
Tgt Ion:169 Resp: 1257845  
Ion Ratio Lower Upper  
169 100  
168 65.8 50.1 75.1  
167 35.9 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 43.830 ng  
RT: 10.957 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

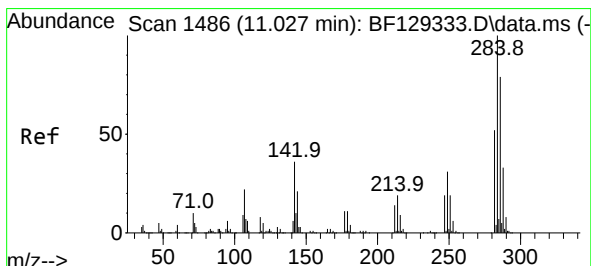
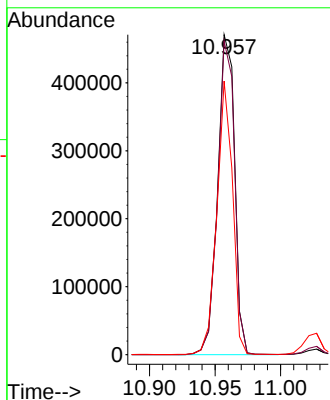
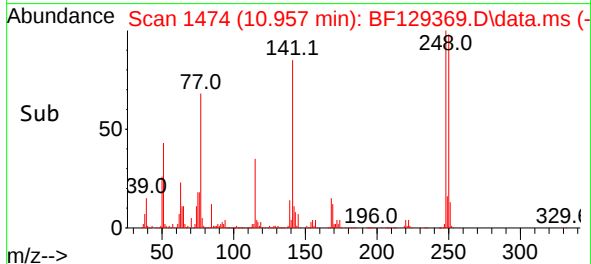
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



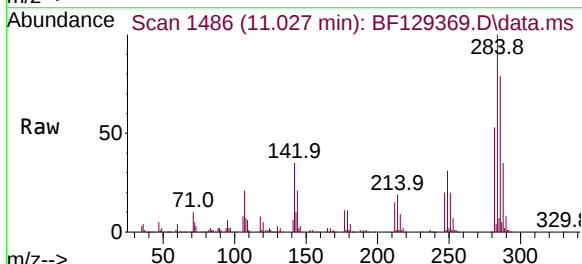
Tgt Ion:248 Resp: 425701  
Ion Ratio Lower Upper  
248 100  
250 98.0 80.6 120.8  
141 85.5 58.9 88.3

Manual Integrations  
APPROVED

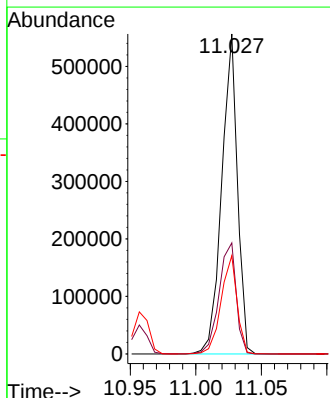
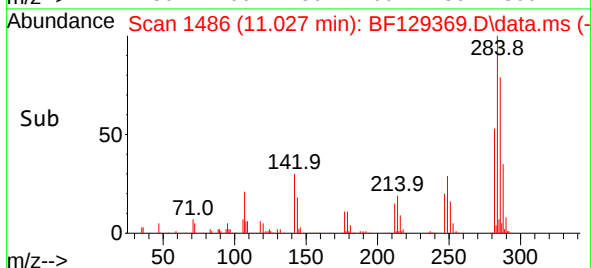
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

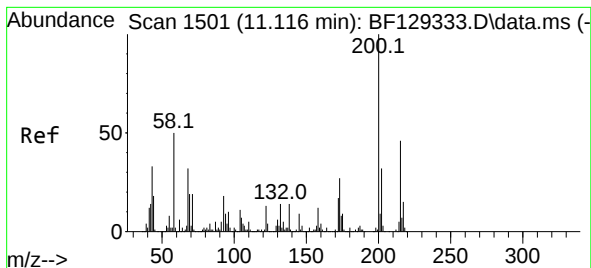


#68  
Hexachlorobenzene  
Concen: 44.151 ng  
RT: 11.027 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion:284 Resp: 464635  
Ion Ratio Lower Upper  
284 100  
142 34.7 29.0 43.4  
249 30.7 25.0 37.6





#69

Atrazine

Concen: 48.195 ng

RT: 11.116 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

Tgt Ion:200 Resp: 432403

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

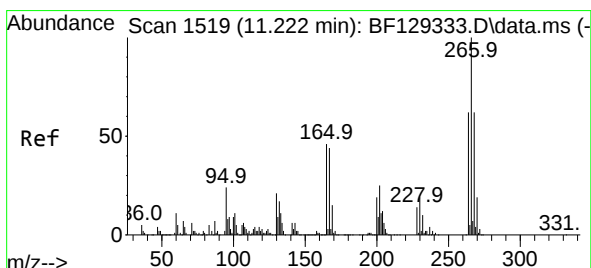
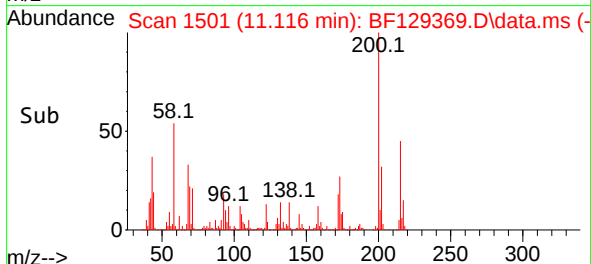
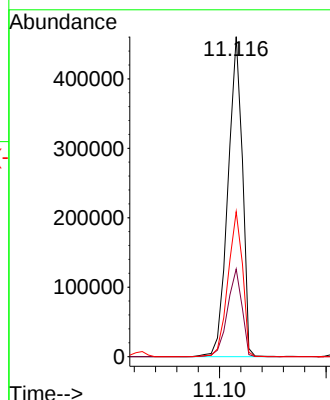
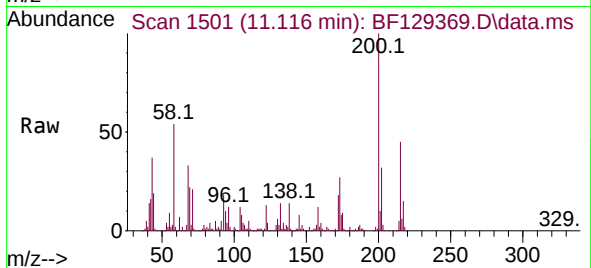
215 45.3 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/28/2022

Supervised By :Jagrut Upadhyay 07/28/2022



#70

Pentachlorophenol

Concen: 90.645 ng

RT: 11.222 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

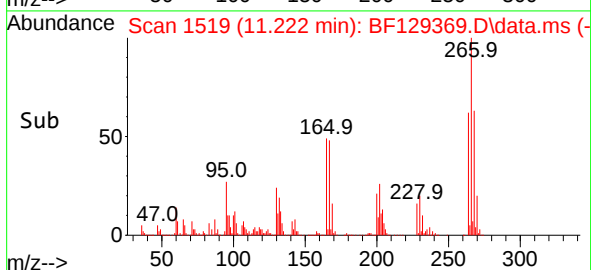
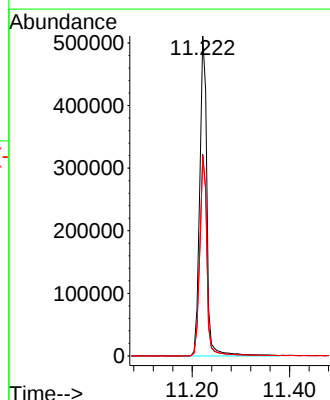
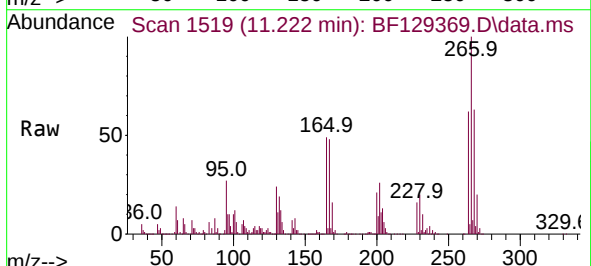
Tgt Ion:266 Resp: 518588

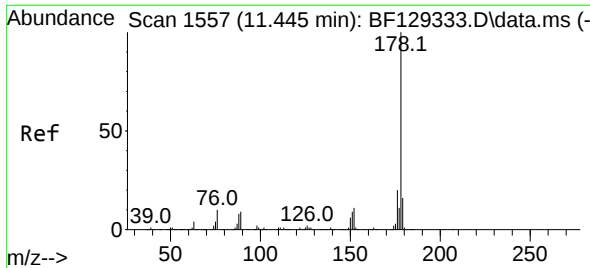
Ion Ratio Lower Upper

266 100

268 63.0 51.0 76.4

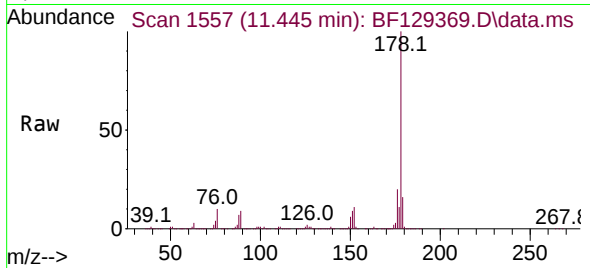
264 62.5 49.4 74.2





#71  
Phenanthrene  
Concen: 41.998 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

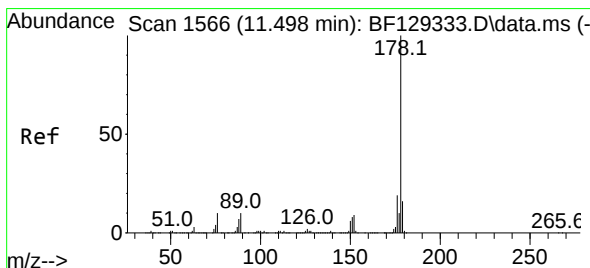
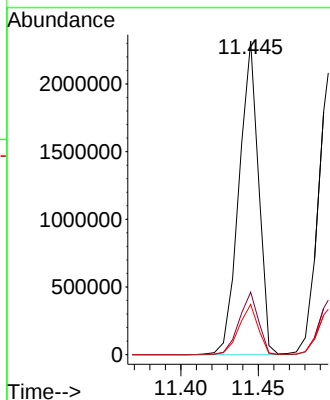
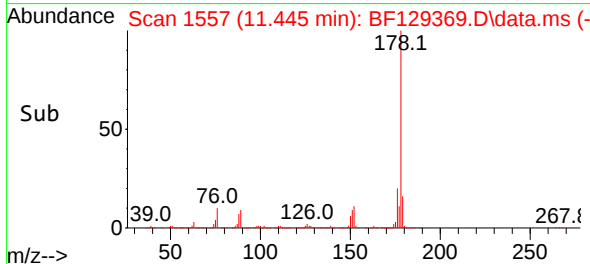
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



Tgt Ion:178 Resp: 2033429  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.0 24.0  
179 16.0 12.6 19.0

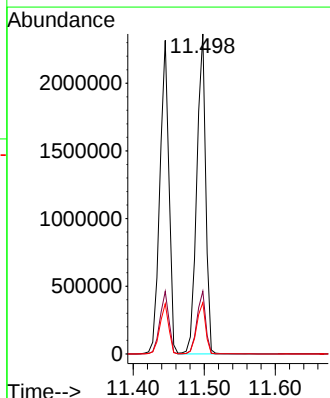
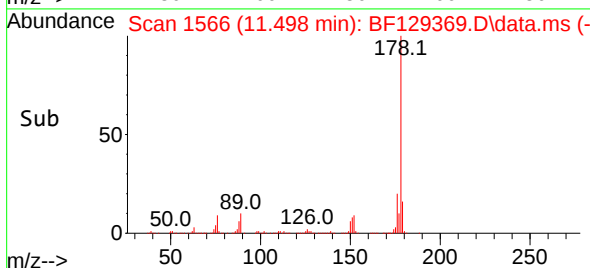
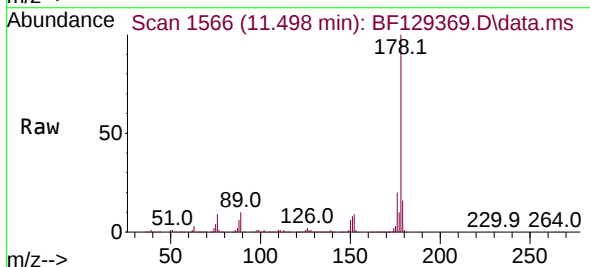
Manual Integrations  
APPROVED

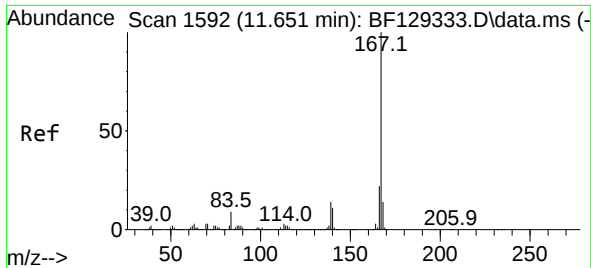
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#72  
Anthracene  
Concen: 43.054 ng  
RT: 11.498 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

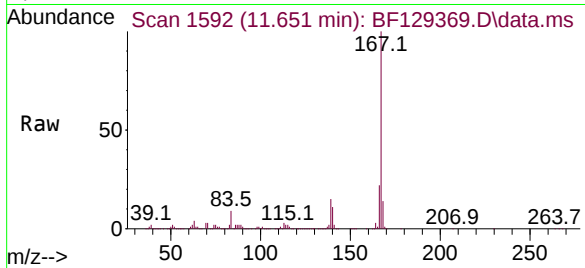
Tgt Ion:178 Resp: 2048503  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.2  
179 16.0 12.6 19.0





#73  
 Carbazole  
 Concen: 43.669 ng  
 RT: 11.651 min Scan# 1592  
 Delta R.T. 0.000 min  
 Lab File: BF129369.D  
 Acq: 27 Jul 2022 10:47

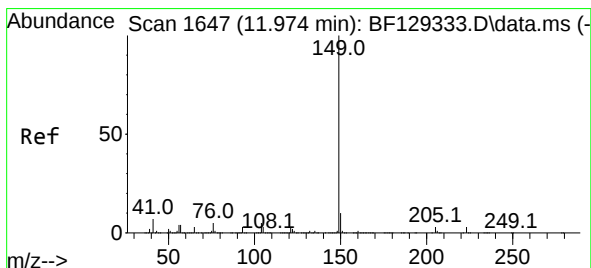
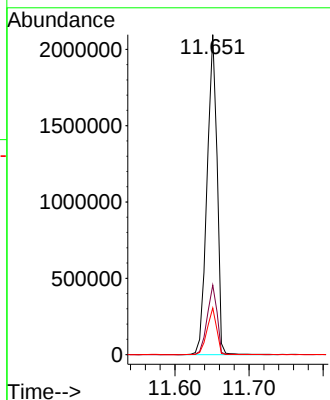
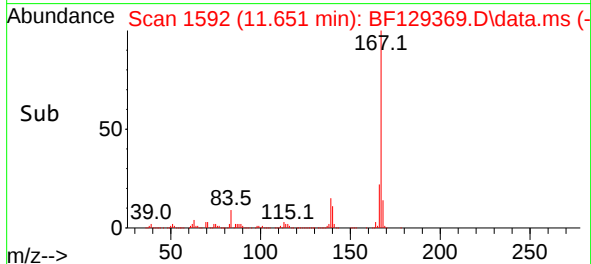
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146469BS



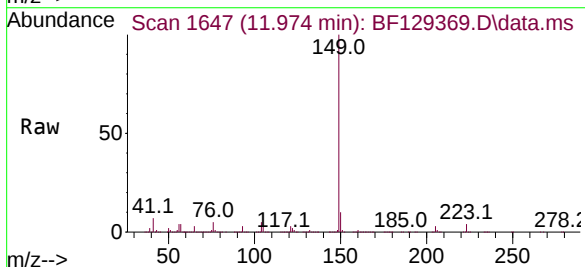
Tgt Ion:167 Resp: 1955894  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.7 26.5  
 139 14.6 11.2 16.8

Manual Integrations  
 APPROVED

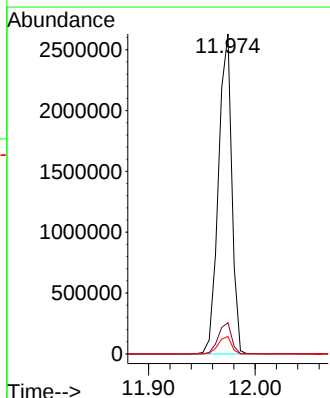
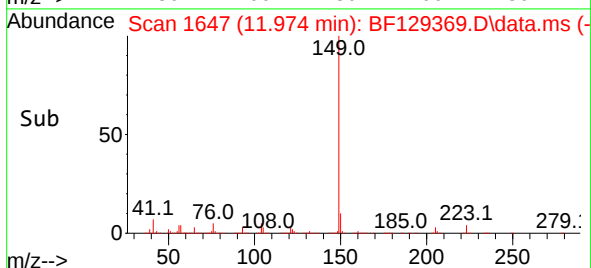
Reviewed By :Christian Giraldo 07/28/2022  
 Supervised By :Jagrut Upadhyay 07/28/2022

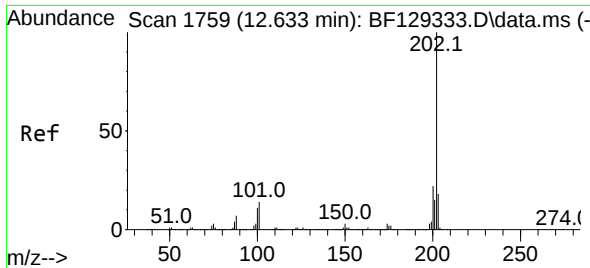


#74  
 Di-n-butylphthalate  
 Concen: 43.057 ng  
 RT: 11.974 min Scan# 1647  
 Delta R.T. 0.000 min  
 Lab File: BF129369.D  
 Acq: 27 Jul 2022 10:47



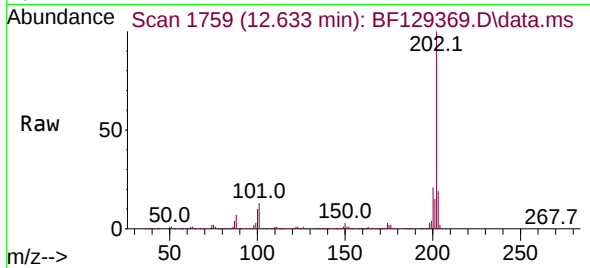
Tgt Ion:149 Resp: 2296623  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.5 11.3  
 104 5.5 4.4 6.6





#75  
Fluoranthene  
Concen: 42.452 ng  
RT: 12.633 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

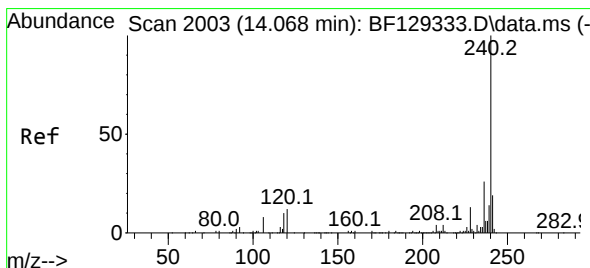
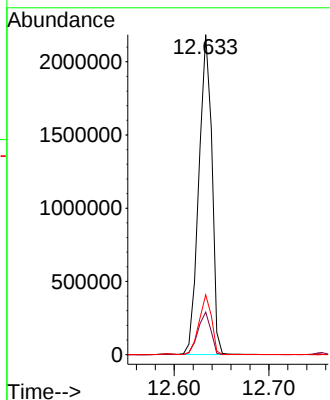
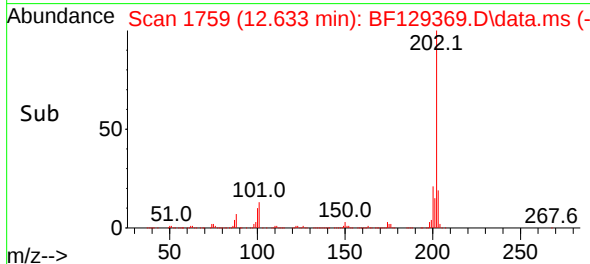
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



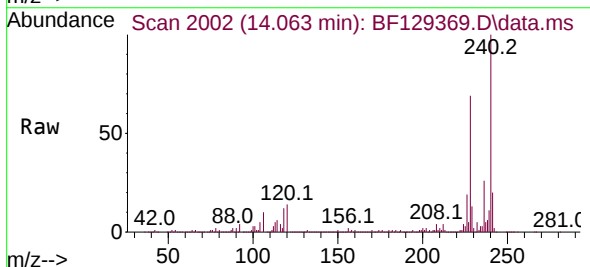
Tgt Ion:202 Resp: 2082596  
Ion Ratio Lower Upper  
202 100  
101 13.3 0.0 31.4  
203 18.7 0.0 38.0

Manual Integrations  
APPROVED

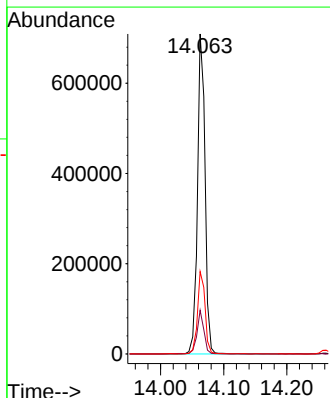
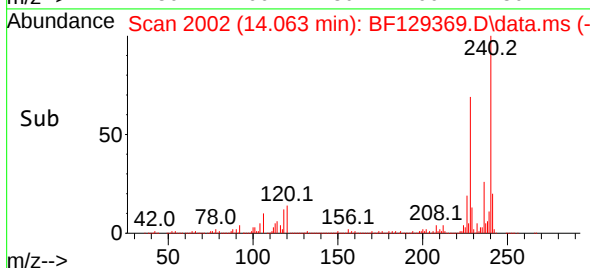
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

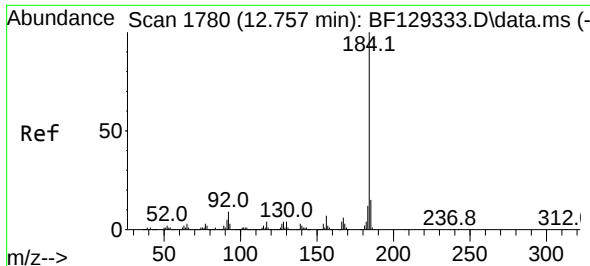


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion:240 Resp: 591576  
Ion Ratio Lower Upper  
240 100  
120 13.6 8.9 13.3#  
236 25.7 20.8 31.2





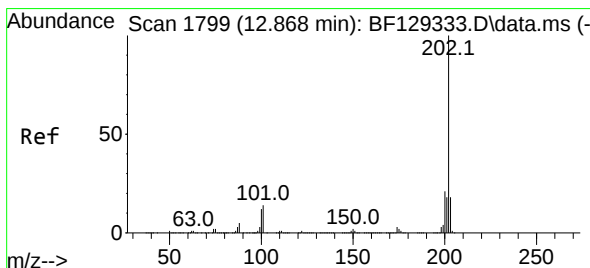
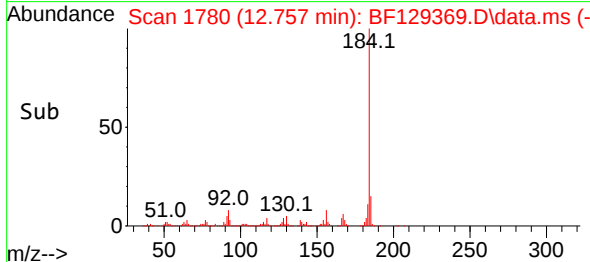
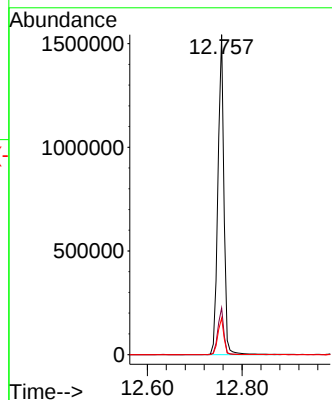
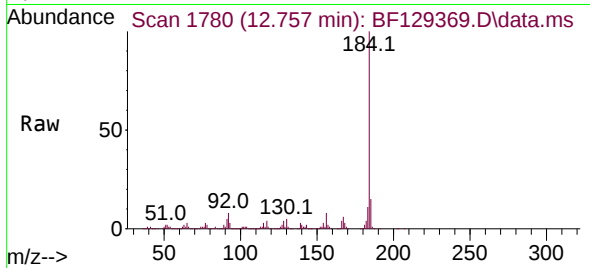
#77  
Benzidine  
Concen: 64.180 ng  
RT: 12.757 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS

Tgt Ion:184 Resp: 1341301  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.9 17.9  
183 11.4 9.3 13.9

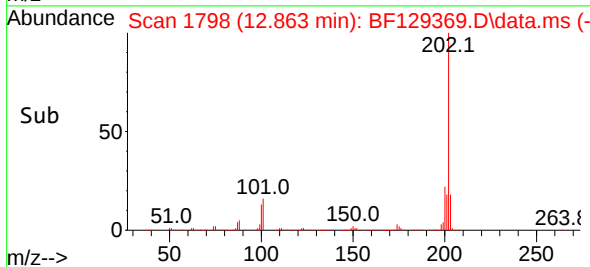
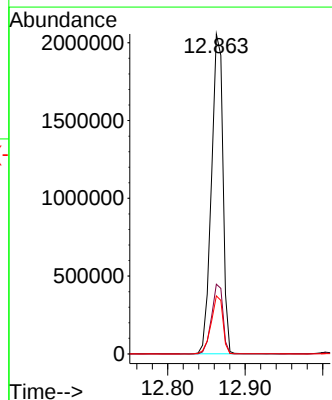
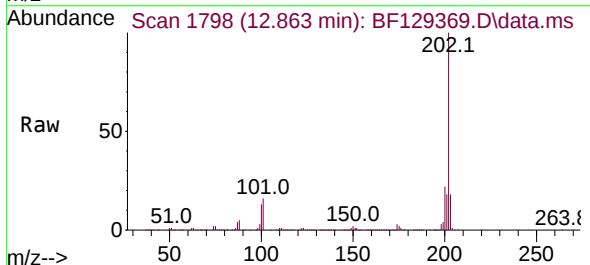
Manual Integrations  
APPROVED

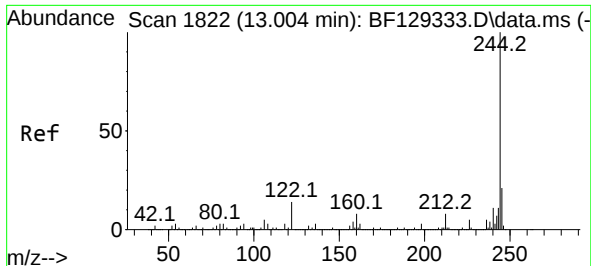
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#78  
Pyrene  
Concen: 42.773 ng  
RT: 12.863 min Scan# 1798  
Delta R.T. -0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Tgt Ion:202 Resp: 2115931  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.7 26.5  
203 18.1 14.6 21.8





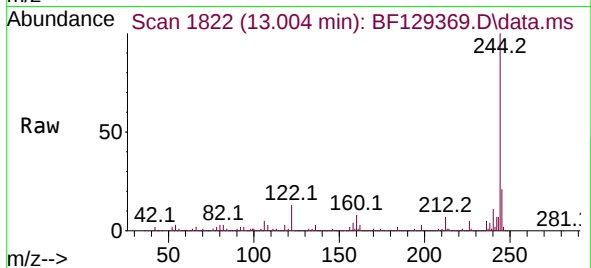
#79  
 Terphenyl-d14  
 Concen: 89.531 ng  
 RT: 13.004 min Scan# 1822  
 Delta R.T. 0.000 min  
 Lab File: BF129369.D  
 Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

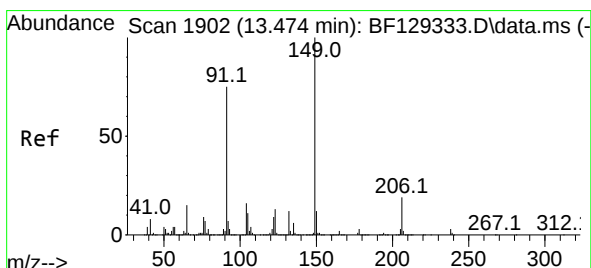
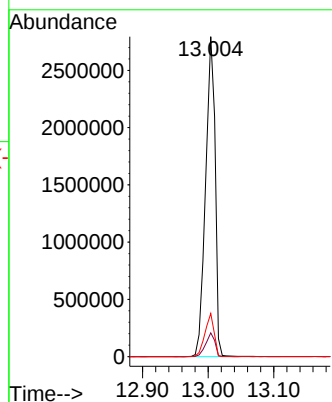
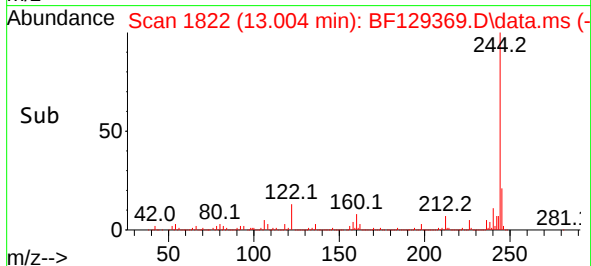


Tgt Ion:244 Resp: 2807442  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.1 9.1  
 122 13.5 8.8 13.2

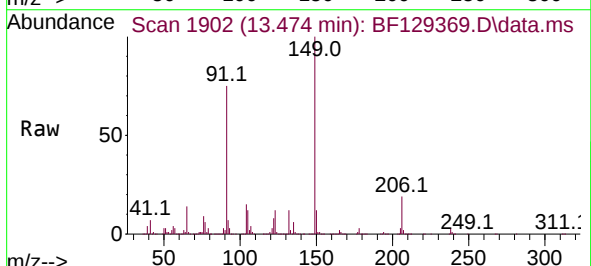
Manual Integrations

APPROVED

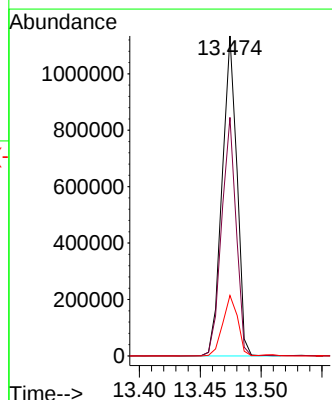
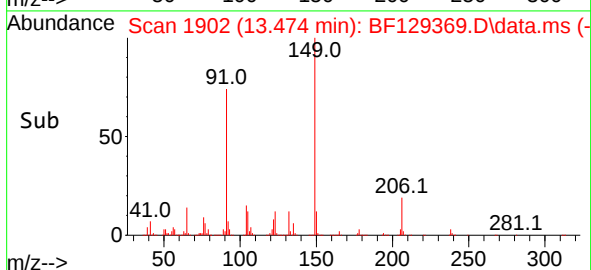
Reviewed By :Christian Giraldo 07/28/2022  
 Supervised By :Jagrut Upadhyay 07/28/2022

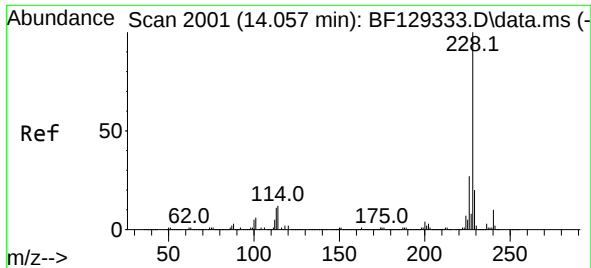


#80  
 Butylbenzylphthalate  
 Concen: 44.452 ng  
 RT: 13.474 min Scan# 1902  
 Delta R.T. 0.000 min  
 Lab File: BF129369.D  
 Acq: 27 Jul 2022 10:47



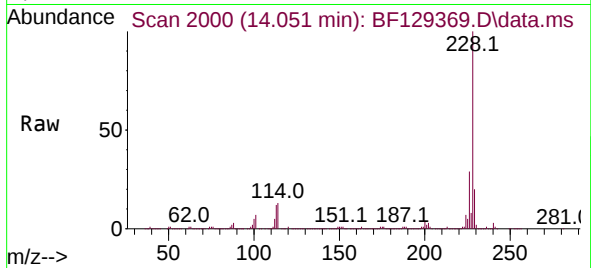
Tgt Ion:149 Resp: 953818  
 Ion Ratio Lower Upper  
 149 100  
 91 74.5 61.2 91.8  
 206 18.9 15.7 23.5





#81  
Benzo(a)anthracene  
Concen: 42.335 ng  
RT: 14.051 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

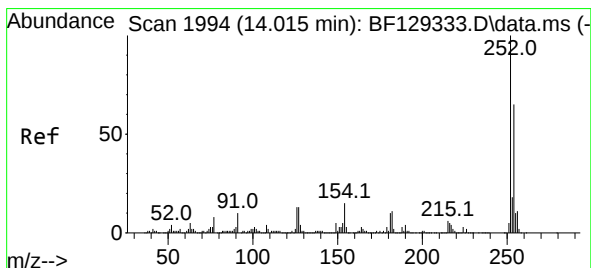
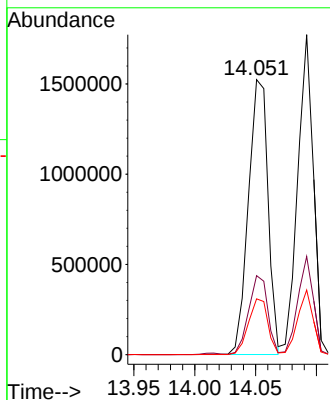
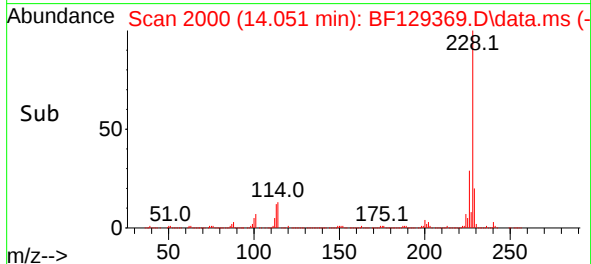
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



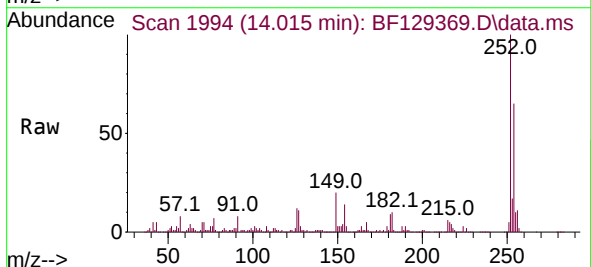
Tgt Ion:228 Resp: 1710792  
Ion Ratio Lower Upper  
228 100  
226 28.7 22.1 33.1  
229 20.3 15.8 23.8

Manual Integrations  
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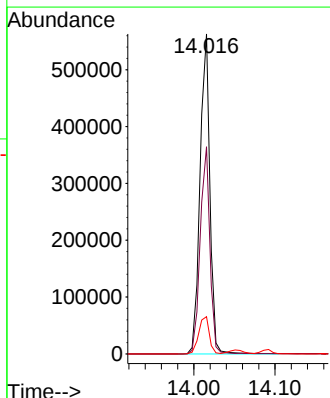
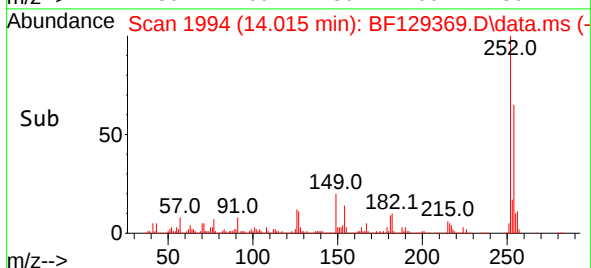
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

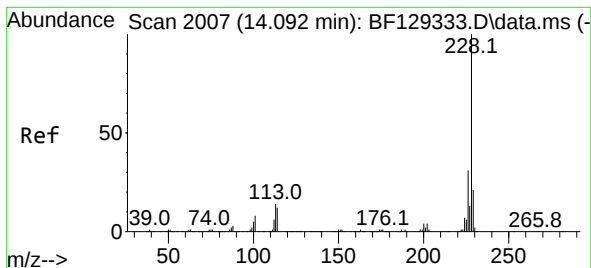


#82  
3,3'-Dichlorobenzidine  
Concen: 35.410 ng  
RT: 14.015 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion:252 Resp: 472443  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.2 75.4  
126 11.7 8.2 12.4





#83

Chrysene

Concen: 41.915 ng

RT: 14.092 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF129369.D

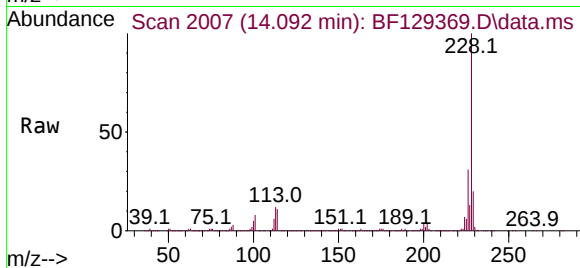
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS



Tgt Ion:228 Resp: 159635

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

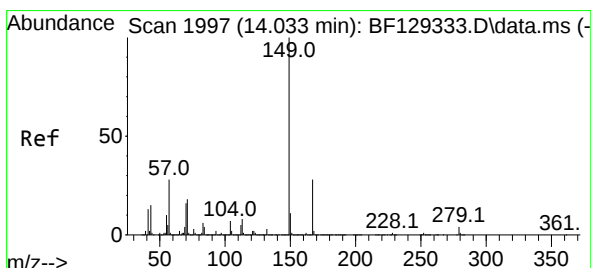
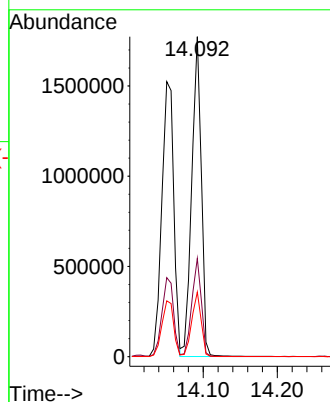
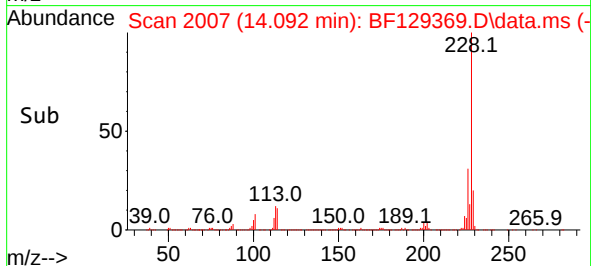
229 20.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/28/2022

Supervised By :Jagrut Upadhyay 07/28/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.804 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

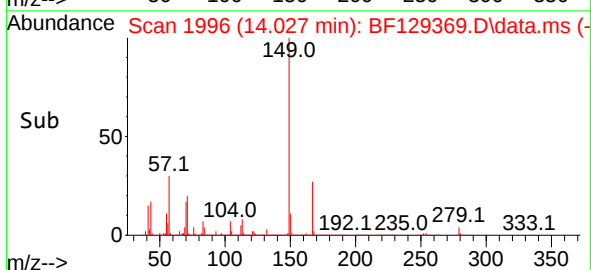
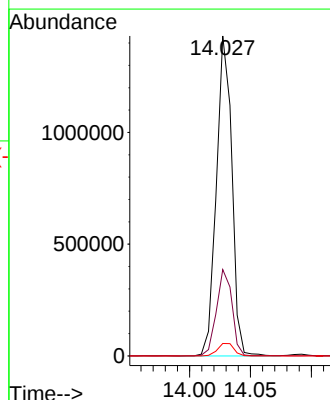
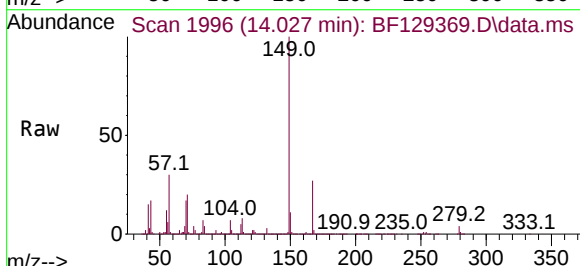
Tgt Ion:149 Resp: 1265666

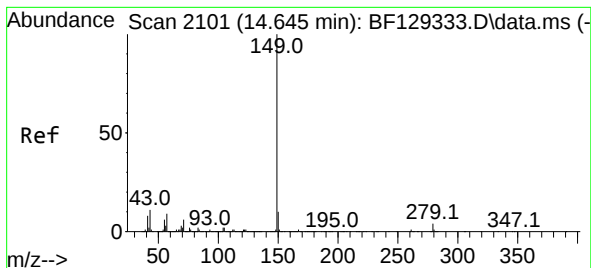
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

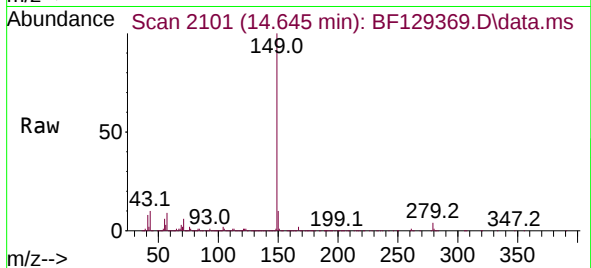
279 3.9 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 46.467 ng  
RT: 14.645 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

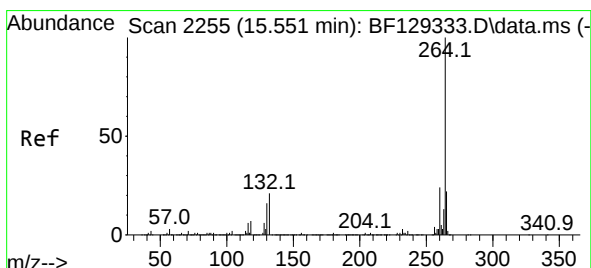
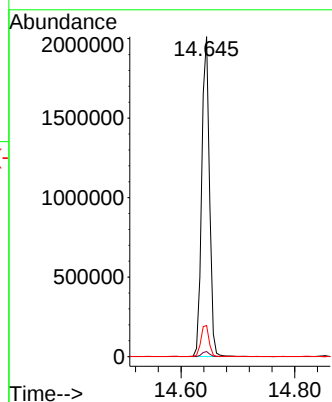
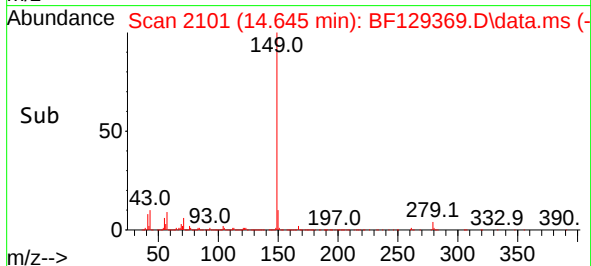
Instrument :  
BNA\_F  
ClientSampleId :  
PB146469BS



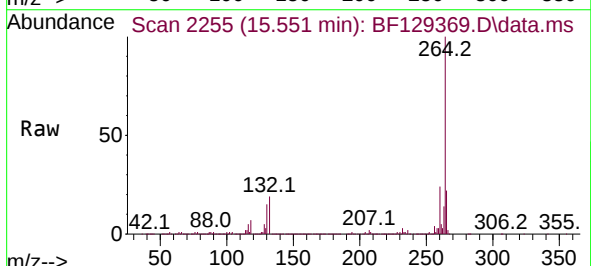
Tgt Ion:149 Resp: 188894  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 10.2 9.2 13.8

Manual Integrations  
APPROVED

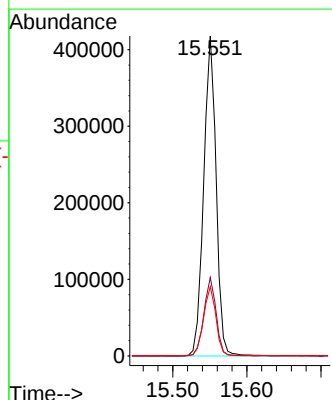
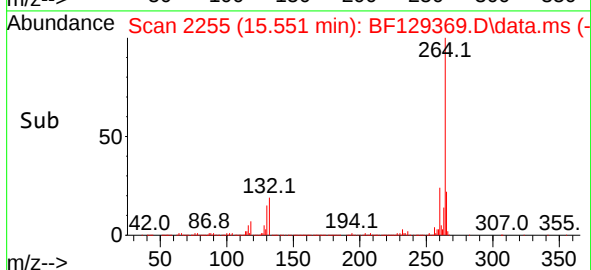
Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022

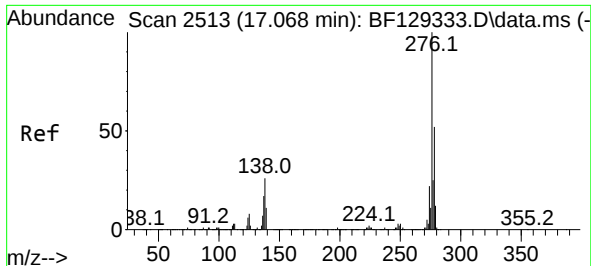


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.551 min Scan# 2255  
Delta R.T. 0.000 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47



Tgt Ion:264 Resp: 486096  
Ion Ratio Lower Upper  
264 100  
260 24.5 18.4 27.6  
265 21.6 17.2 25.8





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.880 ng  
 RT: 17.062 min Scan# 211  
 Delta R.T. -0.006 min  
 Lab File: BF129369.D  
 Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

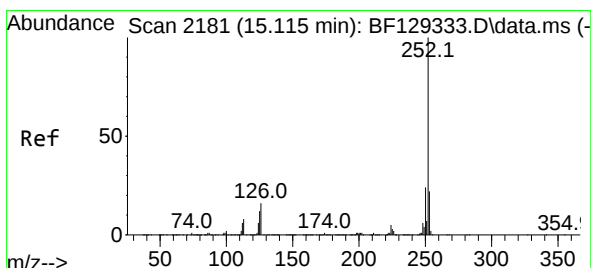
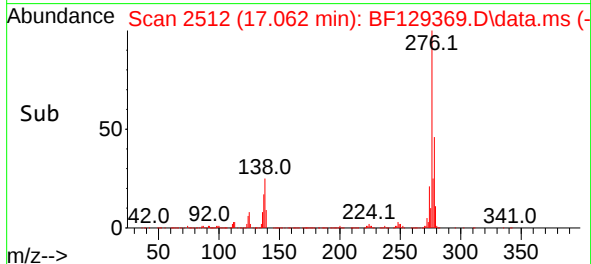
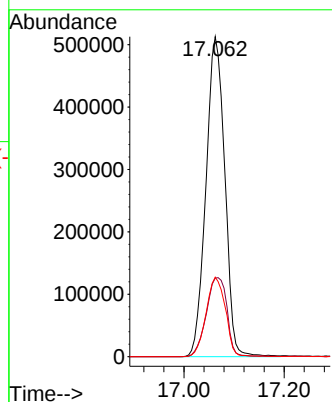
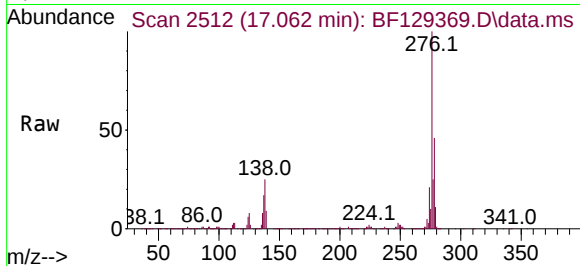
ClientSampleId :

PB146469BS

Tgt Ion:276 Resp: 133817  
 Ion Ratio Lower Upper  
 276 100  
 138 27.2 21.1 31.7  
 277 25.5 20.3 30.5

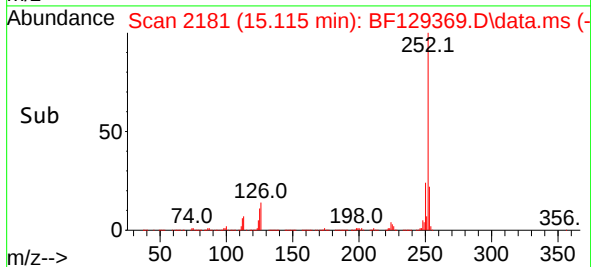
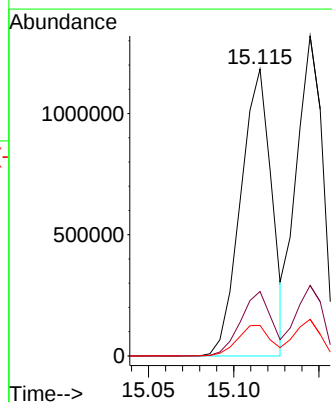
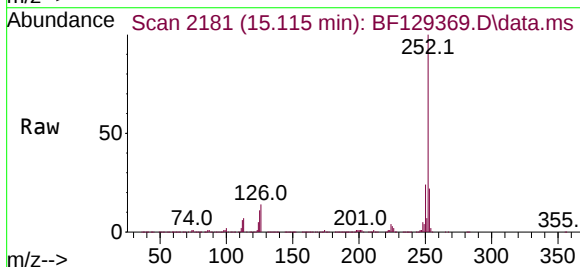
Manual Integrations  
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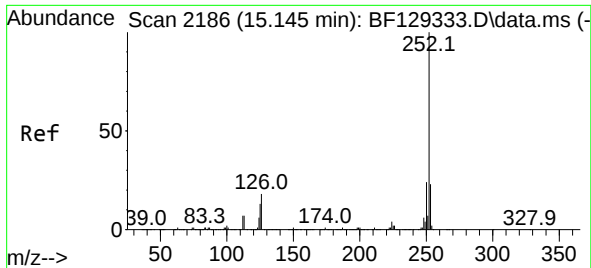
Reviewed By :Christian Giraldo 07/28/2022  
 Supervised By :Jagrut Upadhyay 07/28/2022



#88  
 Benzo(b)fluoranthene  
 Concen: 46.472 ng  
 RT: 15.115 min Scan# 2181  
 Delta R.T. 0.000 min  
 Lab File: BF129369.D  
 Acq: 27 Jul 2022 10:47

Tgt Ion:252 Resp: 1498461  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.7 26.5  
 125 10.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 45.528 ng

RT: 15.145 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

ClientSampleId :

PB146469BS

Tgt Ion:252 Resp: 1438592

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

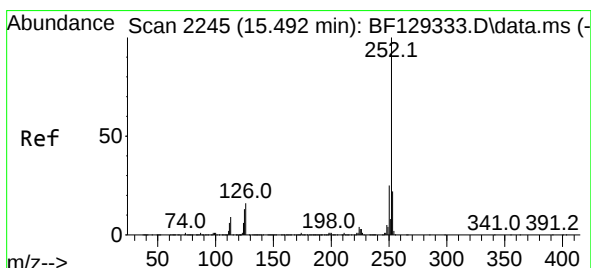
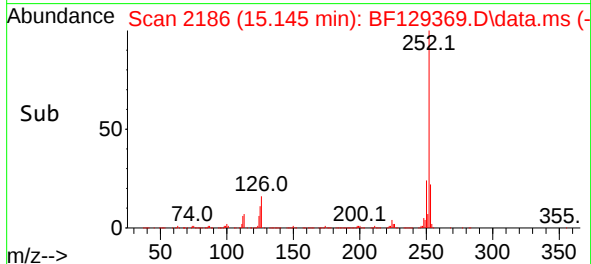
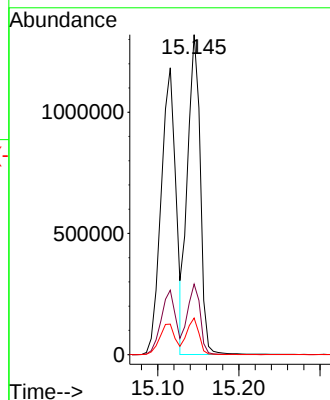
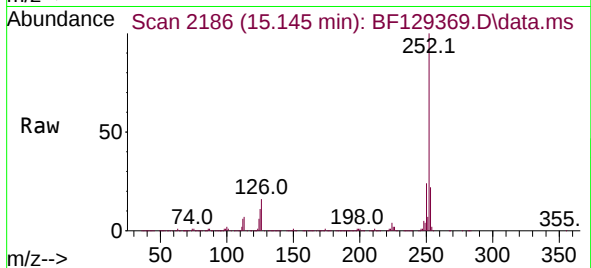
125 11.4 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/28/2022

Supervised By :Jagrut Upadhyay 07/28/2022



#90

Benzo(a)pyrene

Concen: 47.844 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF129369.D

Acq: 27 Jul 2022 10:47

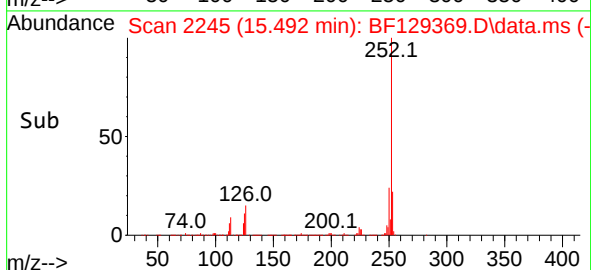
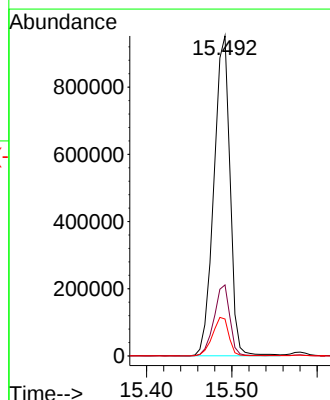
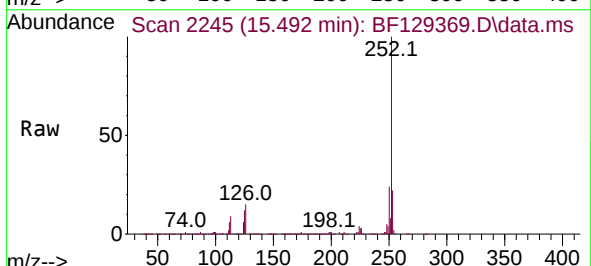
Tgt Ion:252 Resp: 1252318

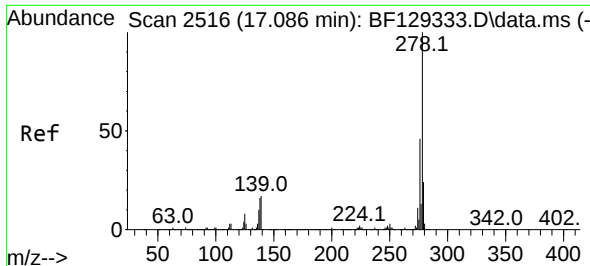
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 11.5 8.8 13.2





#91  
Dibenzo(a,h)anthracene  
Concen: 43.366 ng  
RT: 17.080 min Scan# 2516  
Delta R.T. -0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Instrument :

BNA\_F

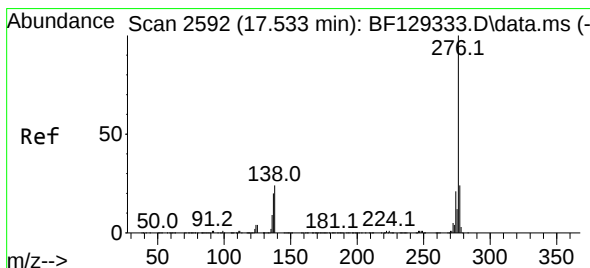
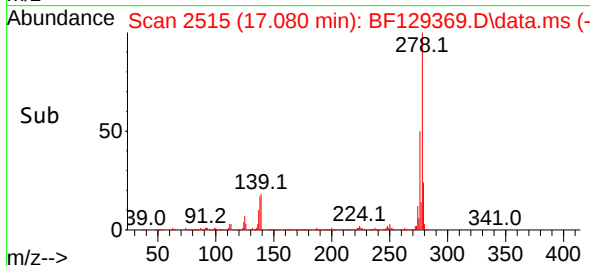
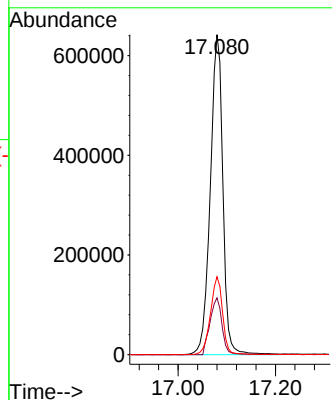
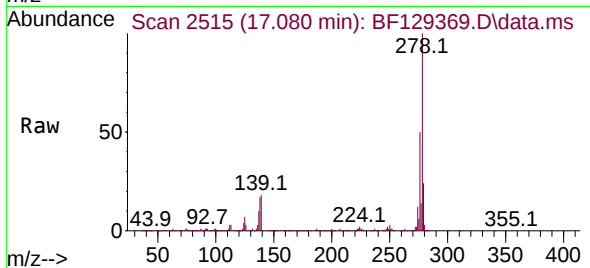
ClientSampleId :

PB146469BS

Tgt Ion:278 Resp: 1155372  
Ion Ratio Lower Upper  
278 100  
139 17.7 12.8 19.2  
279 24.3 18.6 28.0

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 07/28/2022  
Supervised By :Jagrut Upadhyay 07/28/2022



#92  
Benzo(g,h,i)perylene  
Concen: 43.593 ng  
RT: 17.527 min Scan# 2591  
Delta R.T. -0.006 min  
Lab File: BF129369.D  
Acq: 27 Jul 2022 10:47

Tgt Ion:276 Resp: 1186794  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.1 28.7  
138 22.9 18.0 27.0

