

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070822\  
 Data File : BF129175.D  
 Acq On : 08 Jul 2022 14:51  
 Operator : CG\JU  
 Sample : PB146101BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146101BS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
 Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 23:24:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 08 23:22:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.945  | 152  | 313782   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.234  | 136  | 1198305  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.992  | 164  | 614151   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.486 | 188  | 1068964  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.139 | 240  | 538843   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.657 | 264  | 428347   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 2031632  | 109.463 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.575  | 99   | 2537159  | 110.067 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.510  | 82   | 1534788  | 76.395  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 750735   | 112.420 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.310  | 172  | 2816430  | 73.364  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.074 | 244  | 2422199  | 93.348  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.922  | 88   | 273741   | 33.082  | ng    | 87       |
| 3) Pyridine                   | 3.687  | 79   | 729876   | 36.118  | ng    | 84       |
| 4) n-Nitrosodimethylamine     | 3.634  | 42   | 361857   | 39.524  | ng    | # 77     |
| 6) Aniline                    | 6.610  | 93   | 1037554  | 40.247  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.734  | 128  | 825863   | 42.353  | ng    | 94       |
| 9) Benzaldehyde               | 6.498  | 77   | 447313   | 42.822  | ng    | 99       |
| 10) Phenol                    | 6.587  | 94   | 980692   | 41.991  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 6.681  | 93   | 769908   | 41.650  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 6.887  | 146  | 880828   | 41.034  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.963  | 146  | 884626   | 40.858  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.116  | 146  | 848041   | 41.666  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.087  | 79   | 628864   | 38.784  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.216  | 45   | 1042805  | 39.497  | ng    | 90       |
| 17) 2-Methylphenol            | 7.192  | 107  | 655244   | 41.294  | ng    | 97       |
| 18) Hexachloroethane          | 7.457  | 117  | 317485   | 41.768  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.357  | 70   | 538456   | 40.381  | ng    | 88       |
| 20) 3+4-Methylphenols         | 7.345  | 107  | 818793   | 40.578  | ng    | 94       |
| 22) Acetophenone              | 7.357  | 105  | 1087416  | 39.558  | ng    | # 93     |
| 24) Nitrobenzene              | 7.528  | 77   | 819989   | 42.184  | ng    | 95       |
| 25) Isophorone                | 7.769  | 82   | 1484301  | 43.716  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.845  | 139  | 444515   | 49.204  | ng    | # 87     |
| 27) 2,4-Dimethylphenol        | 7.875  | 122  | 757994   | 46.474  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.975  | 93   | 916240   | 39.293  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.086  | 162  | 677899   | 40.749  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.169  | 180  | 698267   | 38.143  | ng    | 95       |
| 31) Naphthalene               | 8.257  | 128  | 2275735  | 41.834  | ng    | 100      |
| 32) Benzoic acid              | 7.992  | 122  | 503010   | 38.439  | ng    | 92       |
| 33) 4-Chloroaniline           | 8.298  | 127  | 769543   | 35.106  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.363  | 225  | 423540   | 38.747  | ng    | 98       |
| 35) Caprolactam               | 8.669  | 113  | 214729m  | 40.705  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.781  | 107  | 701579   | 41.508  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 8.945  | 142  | 1520429  | 41.536  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.045  | 142  | 1448580  | 40.750  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.110  | 216  | 695435   | 40.285  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.098  | 237  | 925925   | 101.613 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.222  | 196  | 487652   | 41.473  | ng    | 98       |

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 Sample : PB146101BS  
 Misc :  
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Instrument :  
 BNA\_F  
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Manual Integrations  
 APPROVED

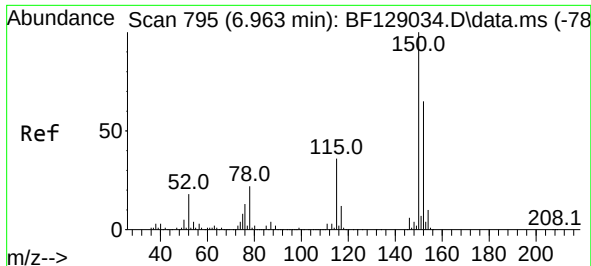
Reviewed By :Jagrut Upadhyay 07/11/2022  
 Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 23:24:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.263  | 196  | 507133   | 40.547  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.410  | 154  | 1846207  | 41.814  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.439  | 162  | 1386453  | 40.663  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.533  | 65   | 413855   | 46.084  | ng    | # 79     |
| 49) Acenaphthylene            | 9.857  | 152  | 2169821  | 41.881  | ng    | 99       |
| 50) Dimethylphthalate         | 9.710  | 163  | 1563558  | 40.695  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.775  | 165  | 345462   | 44.001  | ng    | 89       |
| 52) Acenaphthene              | 10.028 | 154  | 1563412m | 46.327  | ng    |          |
| 53) 3-Nitroaniline            | 9.945  | 138  | 325741   | 34.792  | ng    | # 86     |
| 54) 2,4-Dinitrophenol         | 10.051 | 184  | 418003   | 96.868  | ng    | # 85     |
| 55) Dibenzofuran              | 10.198 | 168  | 1999182  | 40.683  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.104 | 139  | 657390   | 85.936  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.180 | 165  | 481446   | 49.672  | ng    | # 86     |
| 58) Fluorene                  | 10.545 | 166  | 1477325  | 38.866  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232  | 424767   | 40.994  | ng    | 99       |
| 60) Diethylphthalate          | 10.410 | 149  | 1558173  | 40.473  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204  | 703745   | 37.159  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.563 | 138  | 385108   | 41.480  | ng    | 90       |
| 63) Azobenzene                | 10.692 | 77   | 1500190  | 39.772  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198  | 232716   | 49.208  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.651 | 169  | 1373260  | 42.300  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 11.027 | 248  | 470749   | 41.399  | ng    | 92       |
| 68) Hexachlorobenzene         | 11.092 | 284  | 524351   | 41.412  | ng    | 96       |
| 69) Atrazine                  | 11.180 | 200  | 428412   | 46.896  | ng    | 99       |
| 70) Pentachlorophenol         | 11.286 | 266  | 615337   | 81.593  | ng    | 98       |
| 71) Phenanthrene              | 11.510 | 178  | 2163636  | 42.362  | ng    | 99       |
| 72) Anthracene                | 11.563 | 178  | 2142497  | 42.547  | ng    | 99       |
| 73) Carbazole                 | 11.716 | 167  | 2069543  | 41.015  | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.039 | 149  | 2297106  | 43.177  | ng    | 98       |
| 75) Fluoranthene              | 12.704 | 202  | 1754374  | 32.844  | ng    | 100      |
| 77) Benzidine                 | 12.821 | 184  | 1056995  | 110.163 | ng    | 100      |
| 78) Pyrene                    | 12.933 | 202  | 1765277  | 47.263  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.545 | 149  | 700469   | 46.035  | ng    | 90       |
| 81) Benzo(a)anthracene        | 14.127 | 228  | 1412105  | 42.920  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.086 | 252  | 346987   | 48.809  | ng    | 98       |
| 83) Chrysene                  | 14.163 | 228  | 1284206  | 42.045  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149  | 928598   | 45.920  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.715 | 149  | 1321619  | 44.273  | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.209 | 276  | 1163665  | 44.294  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.204 | 252  | 1134503  | 44.040  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.233 | 252  | 1120000  | 44.825  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.592 | 252  | 969302   | 46.157  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.233 | 278  | 998322   | 46.615  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.686 | 276  | 1009992  | 47.006  | ng    | 99       |

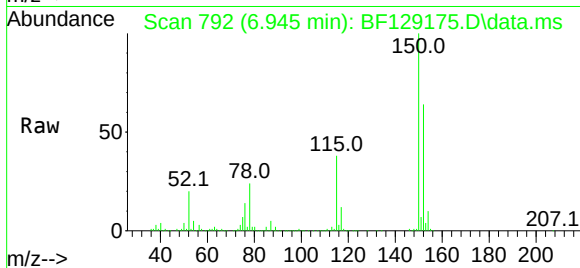
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.945 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

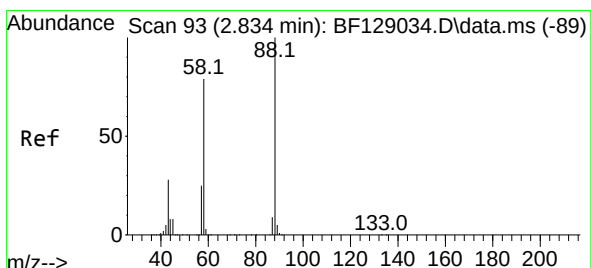
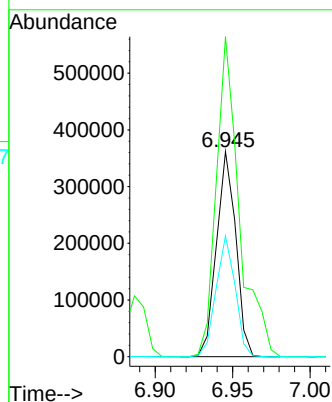
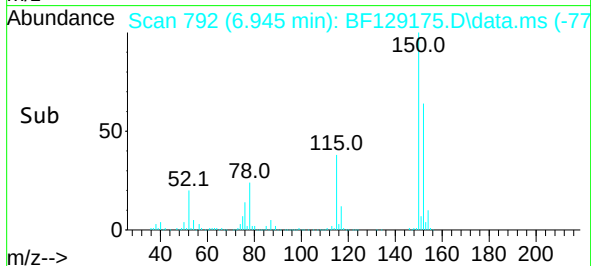
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



Tgt Ion:152 Resp: 313782  
Ion Ratio Lower Upper  
152 100  
150 156.0 123.7 185.5  
115 58.9 49.9 74.9

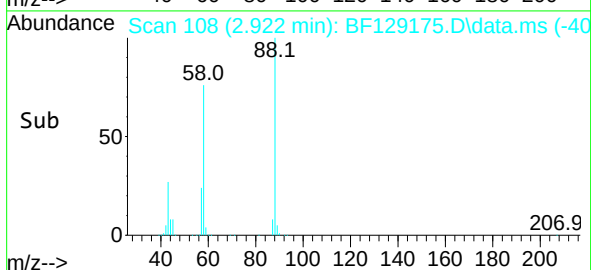
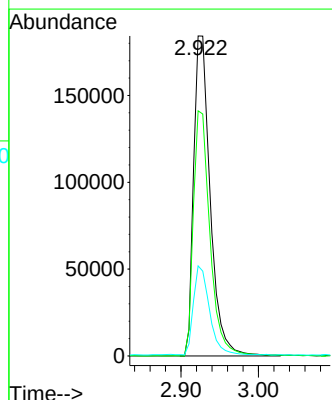
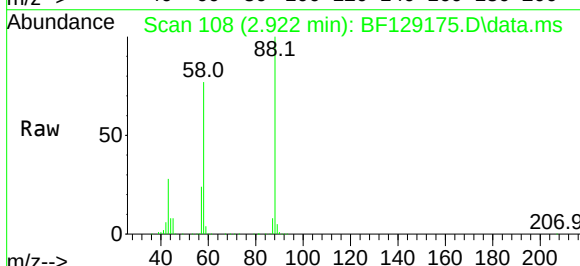
Manual Integrations  
APPROVED

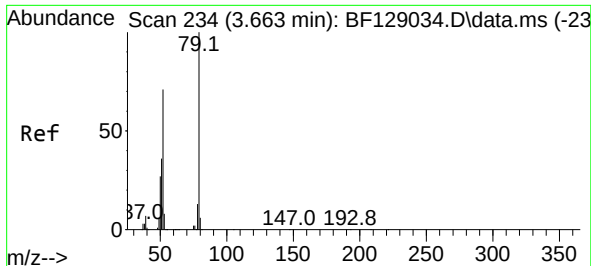
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#2  
1,4-Dioxane  
Concen: 33.082 ng  
RT: 2.922 min Scan# 108  
Delta R.T. 0.100 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

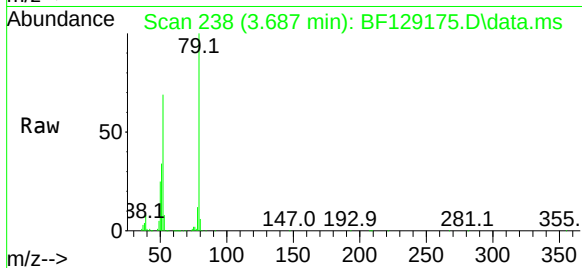
Tgt Ion: 88 Resp: 273741  
Ion Ratio Lower Upper  
88 100  
58 77.2 71.8 107.8  
43 27.2 26.6 39.8





#3  
 Pyridine  
 Concen: 36.118 ng  
 RT: 3.687 min Scan# 21  
 Delta R.T. 0.082 min  
 Lab File: BF129175.D  
 Acq: 08 Jul 2022 14:51

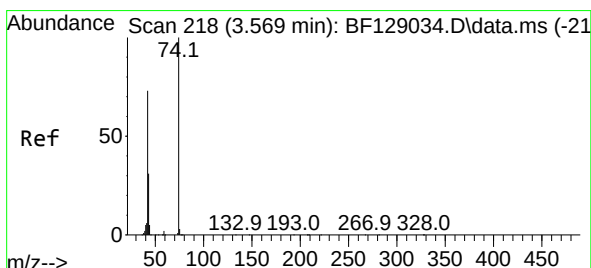
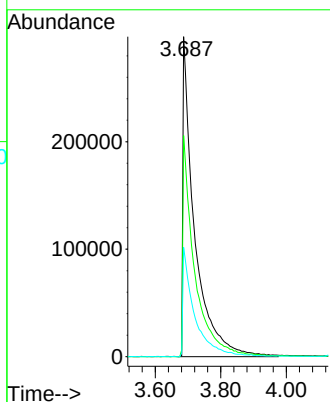
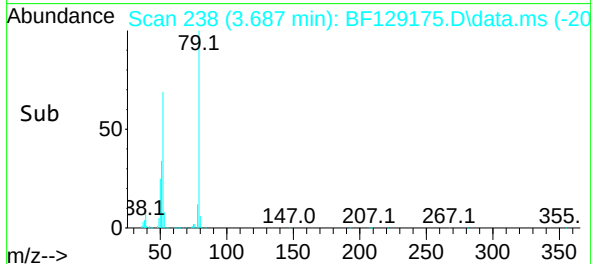
Instrument :  
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 ClientSampleId :  
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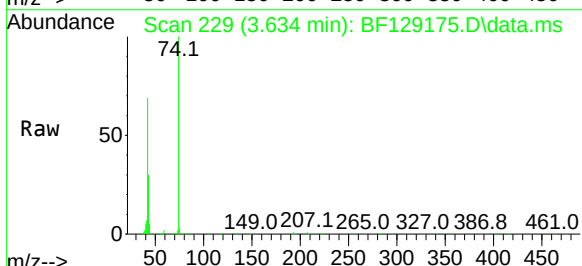
Tgt Ion: 79 Resp: 729870  
 Ion Ratio Lower Upper  
 79 100  
 52 69.1 68.6 102.8  
 51 34.2 32.9 49.3

Manual Integrations  
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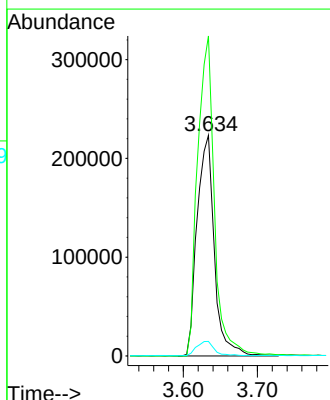
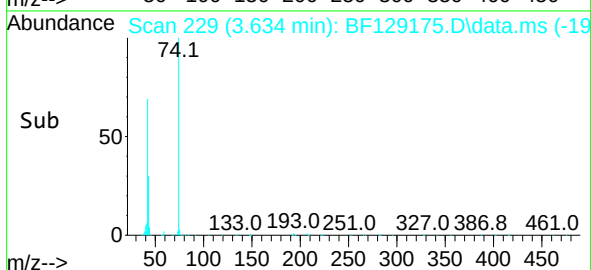
Reviewed By :Jagrut Upadhyay 07/11/2022  
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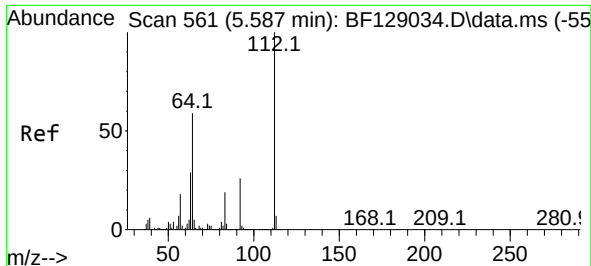


#4  
 n-Nitrosodimethylamine  
 Concen: 39.524 ng  
 RT: 3.634 min Scan# 229  
 Delta R.T. 0.077 min  
 Lab File: BF129175.D  
 Acq: 08 Jul 2022 14:51



Tgt Ion: 42 Resp: 361857  
 Ion Ratio Lower Upper  
 42 100  
 74 145.0 94.8 142.2#  
 44 6.6 6.6 10.0#





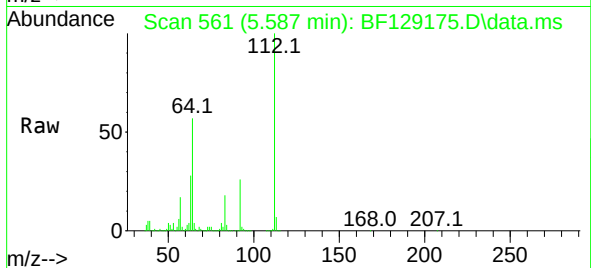
#5  
2-Fluorophenol  
Concen: 109.463 ng  
RT: 5.587 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

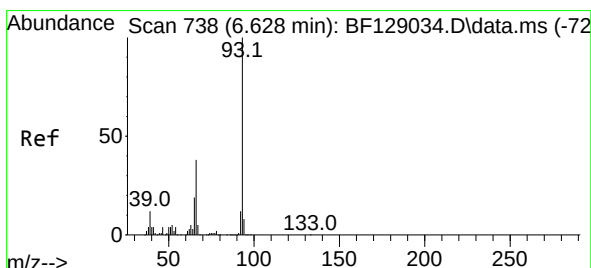
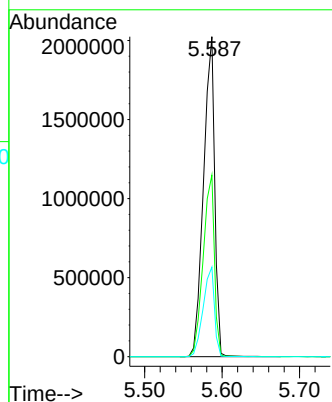
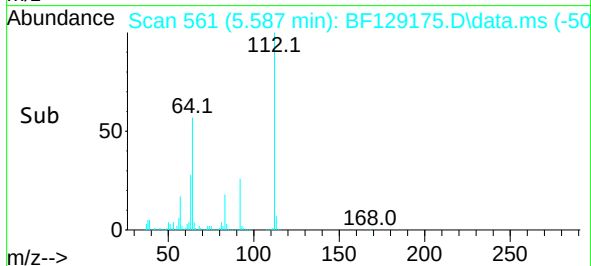


Tgt Ion: 112 Resp: 2031632  
Ion Ratio Lower Upper  
112 100  
64 56.8 53.3 79.9  
63 28.0 28.0 42.0

Manual Integrations

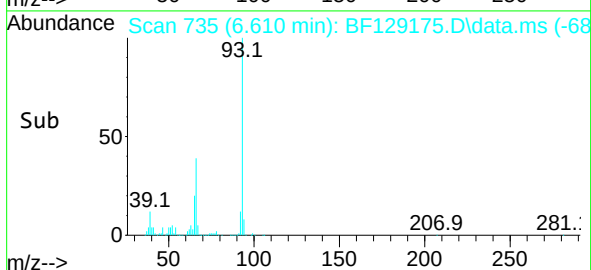
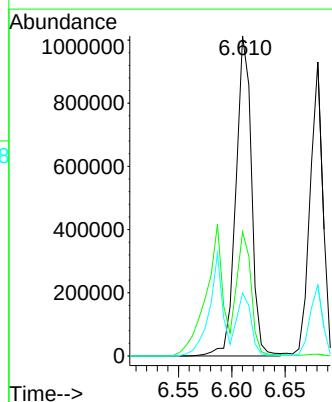
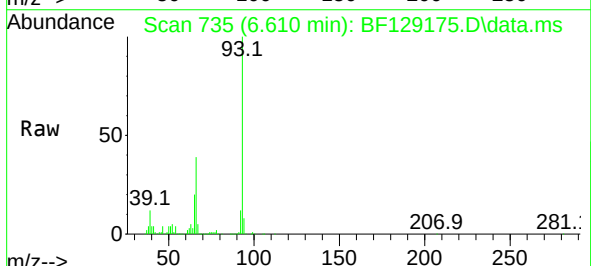
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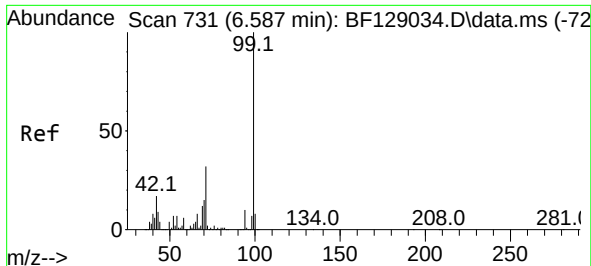
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#6  
Aniline  
Concen: 40.247 ng  
RT: 6.610 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

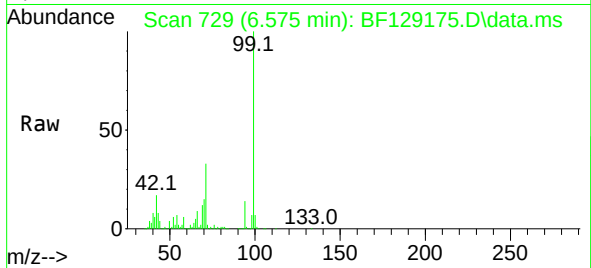
Tgt Ion: 93 Resp: 1037554  
Ion Ratio Lower Upper  
93 100  
66 38.8 32.5 48.7  
65 19.7 16.4 24.6





#7  
Phenol-d6  
Concen: 110.067 ng  
RT: 6.575 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

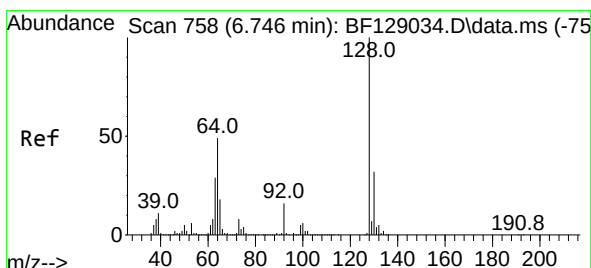
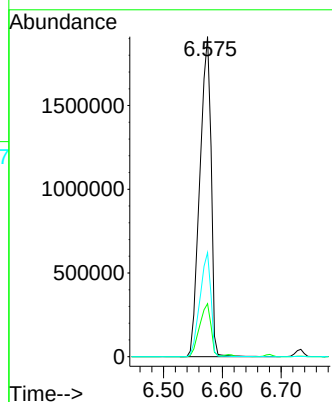
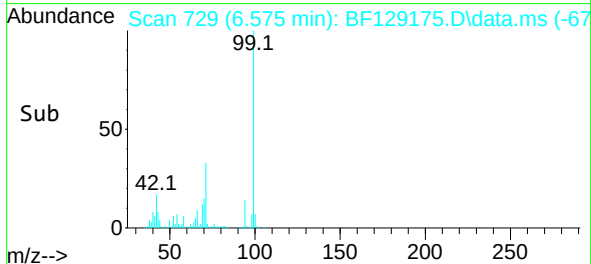
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 2537159  
Ion Ratio Lower Upper  
99 100  
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71 32.5 28.9 43.3

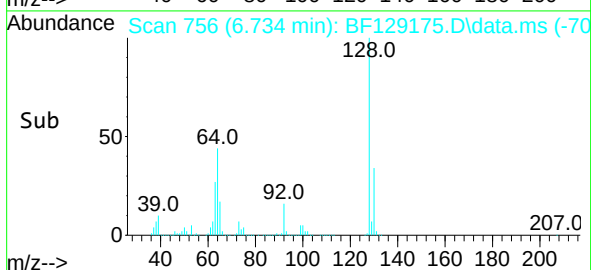
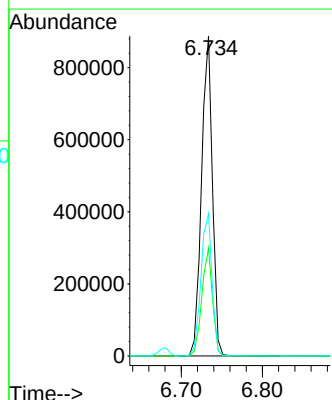
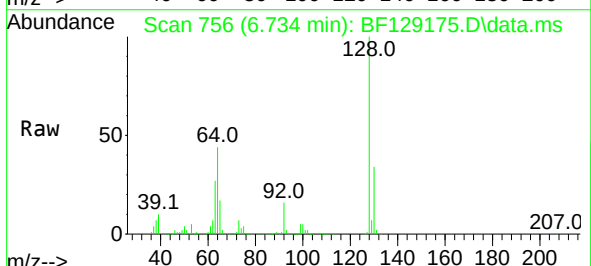
Manual Integrations  
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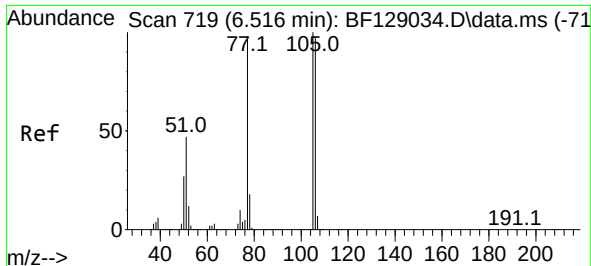
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#8  
2-Chlorophenol  
Concen: 42.353 ng  
RT: 6.734 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

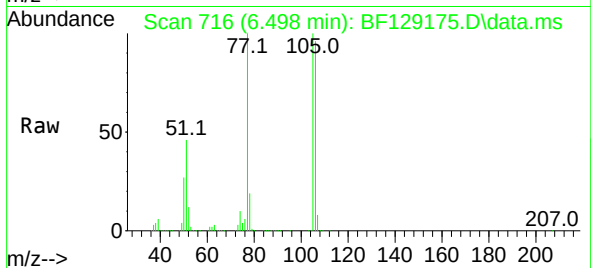
Tgt Ion:128 Resp: 825863  
Ion Ratio Lower Upper  
128 100  
130 33.8 13.1 53.1  
64 44.5 30.9 70.9





#9  
Benzaldehyde  
Concen: 42.822 ng  
RT: 6.498 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

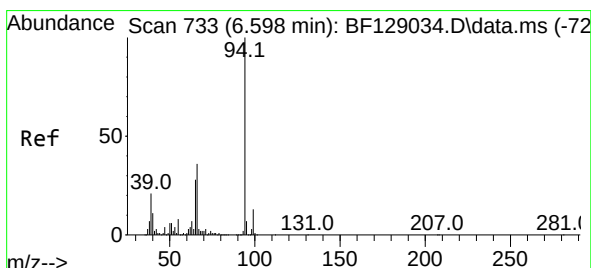
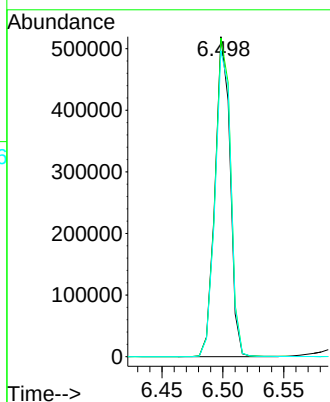
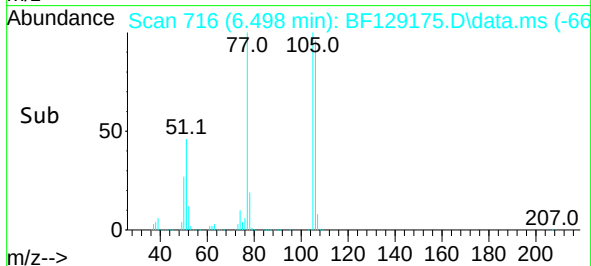
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



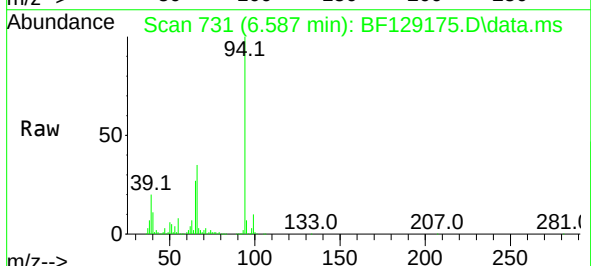
Tgt Ion: 77 Resp: 447311  
Ion Ratio Lower Upper  
77 100  
105 99.6 81.6 121.6  
106 95.5 76.1 116.1

Manual Integrations  
APPROVED

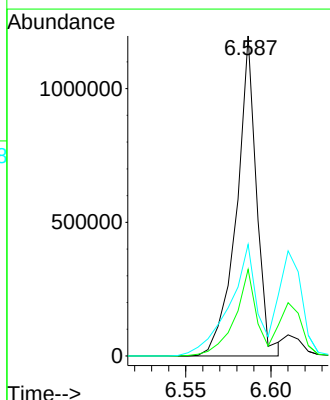
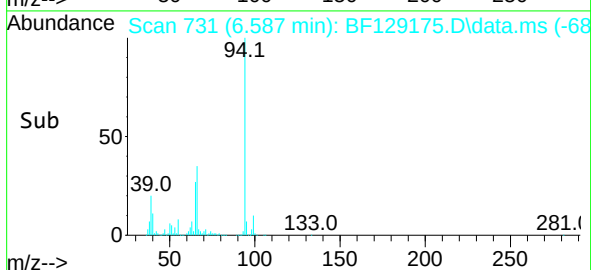
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



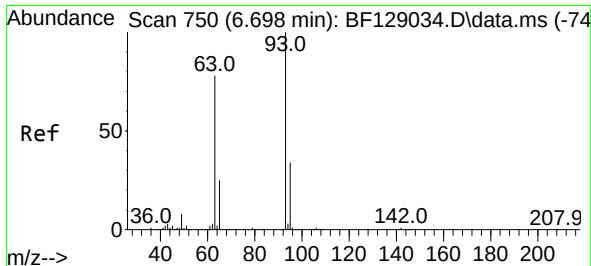
#10  
Phenol  
Concen: 41.991 ng  
RT: 6.587 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion: 94 Resp: 980692  
Ion Ratio Lower Upper  
94 100  
65 27.1 11.4 51.4  
66 34.8 21.4 61.4

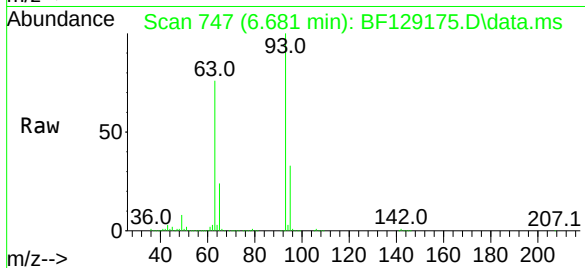






#11  
bis(2-Chloroethyl)ether  
Concen: 41.650 ng  
RT: 6.681 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

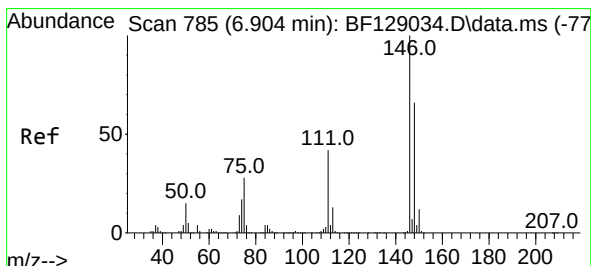
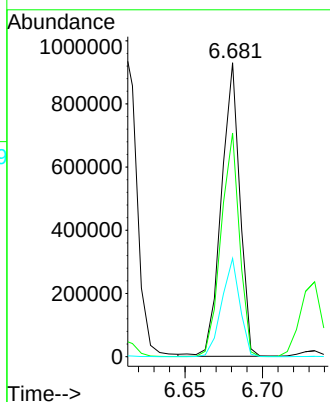
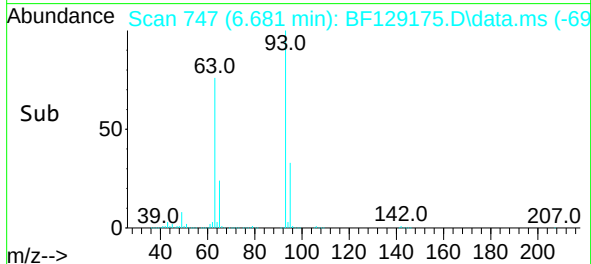
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



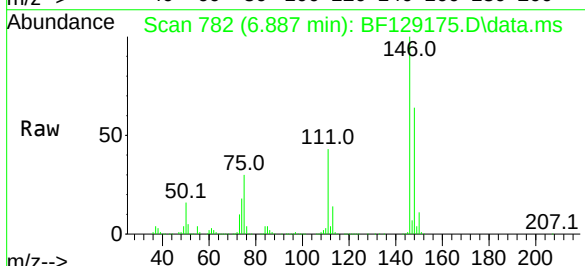
Tgt Ion: 93 Resp: 769908  
Ion Ratio Lower Upper  
93 100  
63 76.1 67.4 107.4  
95 33.4 12.7 52.7

Manual Integrations  
APPROVED

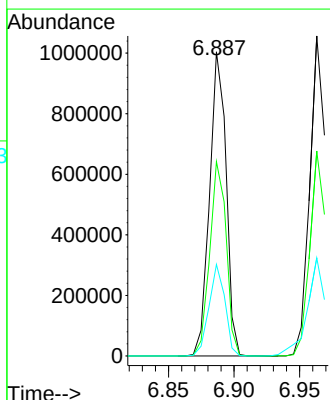
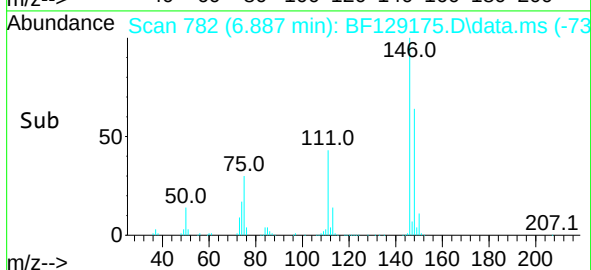
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

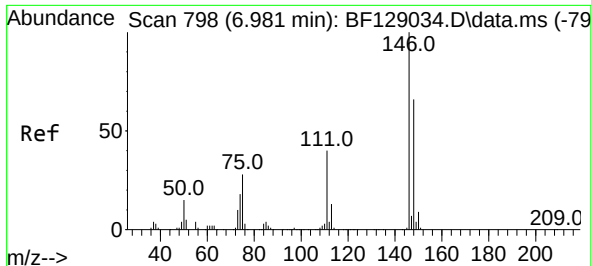


#12  
1,3-Dichlorobenzene  
Concen: 41.034 ng  
RT: 6.887 min Scan# 782  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:146 Resp: 880828  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.6 75.8  
75 30.1 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 40.858 ng

RT: 6.963 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

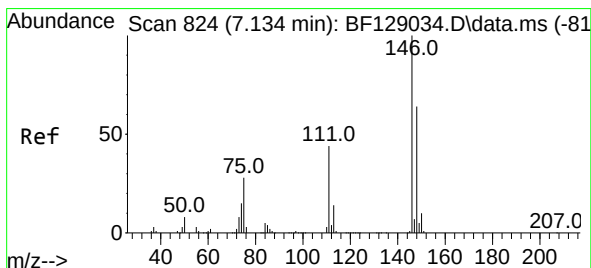
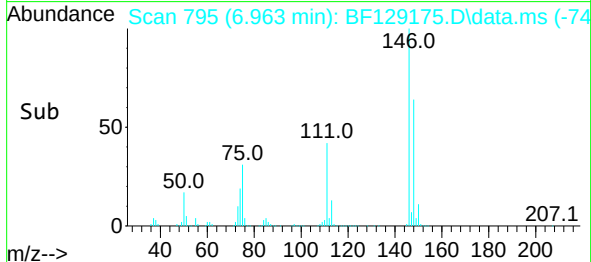
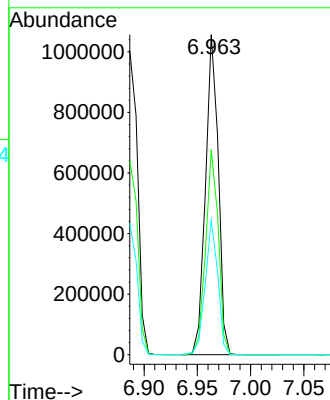
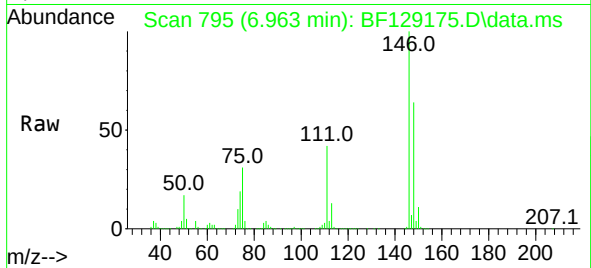
PB146101BS

Tgt Ion:146 Resp: 884620  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.1 76.7  
 111 42.0 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
 Supervised By :mohammad ahmed 07/11/2022



#14

1,2-Dichlorobenzene

Concen: 41.666 ng

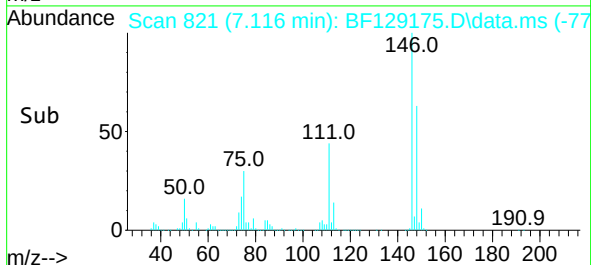
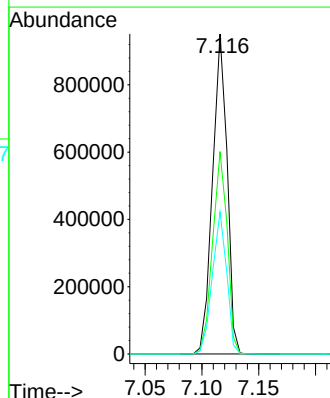
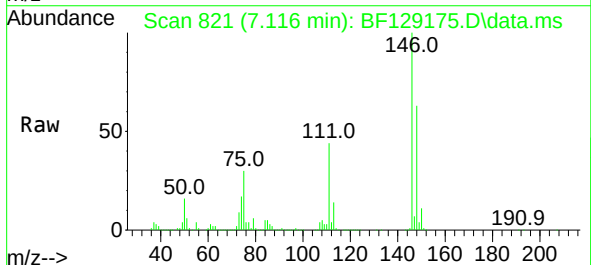
RT: 7.116 min Scan# 821

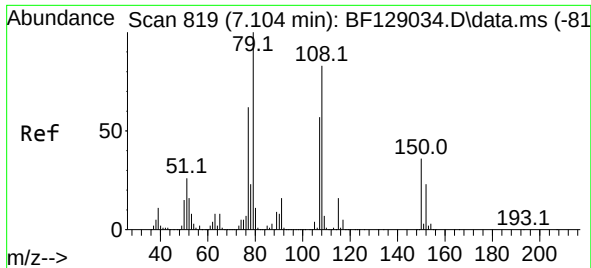
Delta R.T. -0.006 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

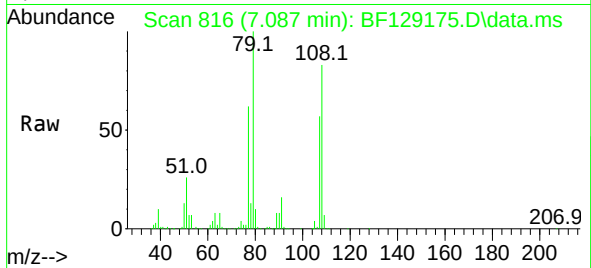
Tgt Ion:146 Resp: 848041  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 51.8 77.8  
 111 44.4 35.1 52.7





#15  
Benzyl Alcohol  
Concen: 38.784 ng  
RT: 7.087 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

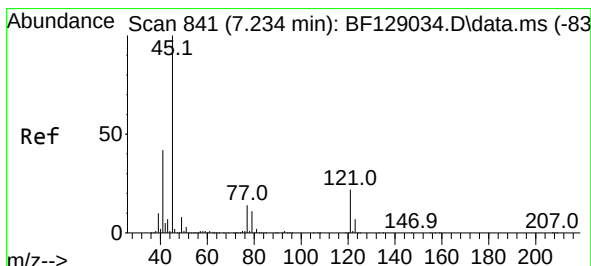
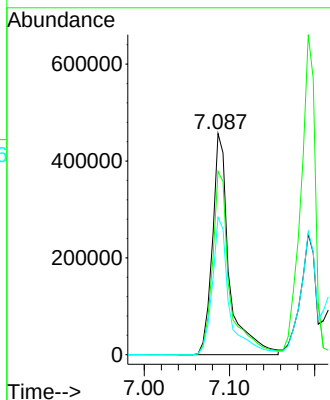
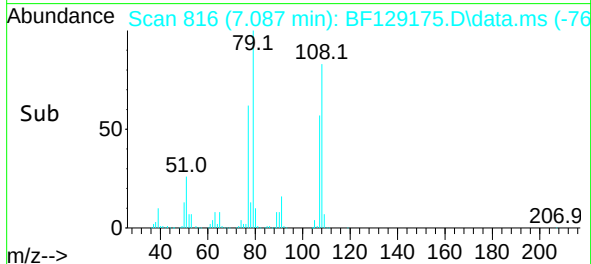
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



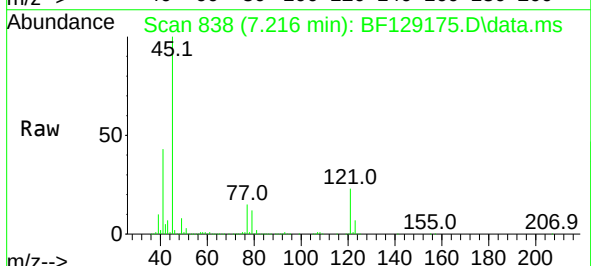
Tgt Ion: 79 Resp: 628864  
Ion Ratio Lower Upper  
79 100  
108 82.8 61.8 92.6  
77 62.1 50.2 75.4

Manual Integrations  
APPROVED

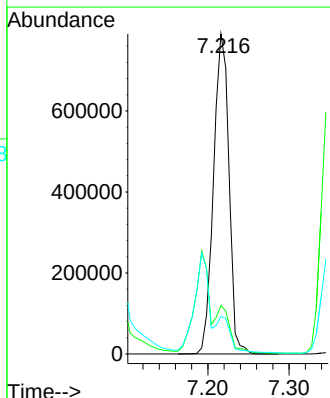
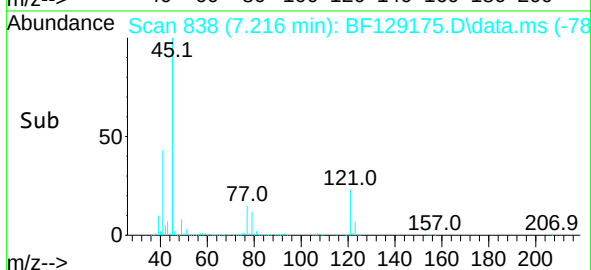
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

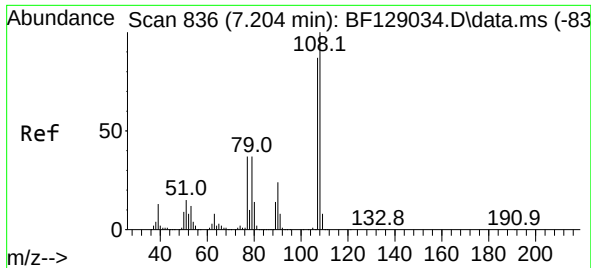


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.497 ng  
RT: 7.216 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion: 45 Resp: 1042805  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 31.3  
79 11.7 0.0 28.3





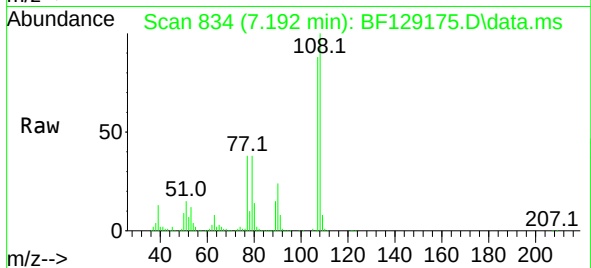
#17  
2-Methylphenol  
Concen: 41.294 ng  
RT: 7.192 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

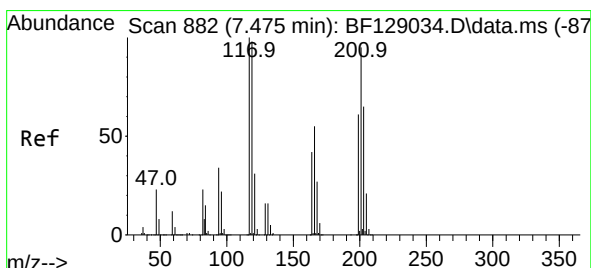
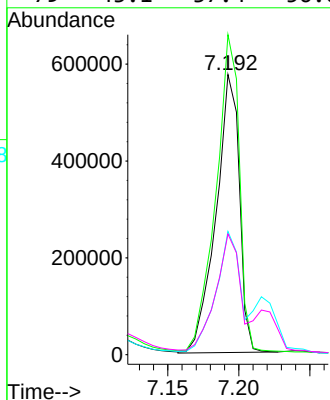
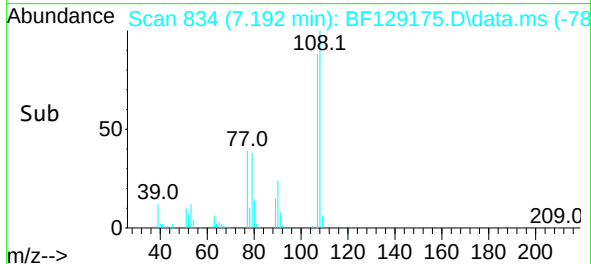


Tgt Ion:107 Resp: 655244  
Ion Ratio Lower Upper  
107 100  
108 114.2 91.9 137.9  
77 44.0 37.8 56.8  
79 43.1 37.4 56.0

Manual Integrations

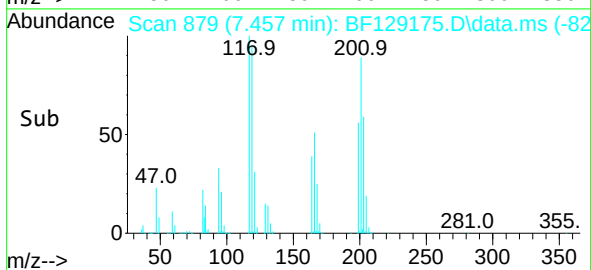
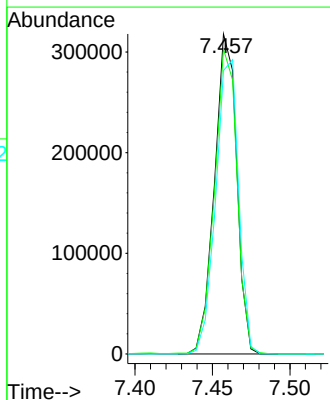
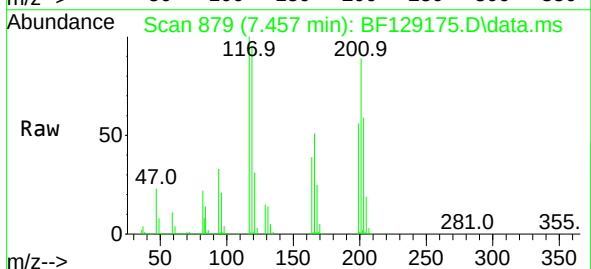
APPROVED

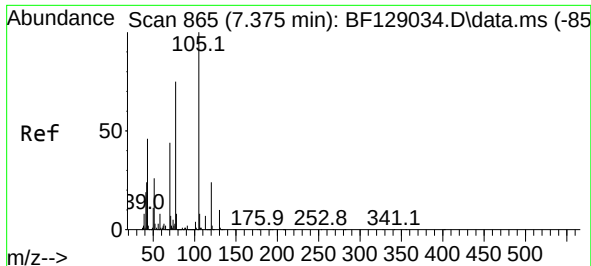
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#18  
Hexachloroethane  
Concen: 41.768 ng  
RT: 7.457 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Tgt Ion:117 Resp: 317485  
Ion Ratio Lower Upper  
117 100  
119 95.3 77.4 116.2  
201 88.6 84.6 127.0





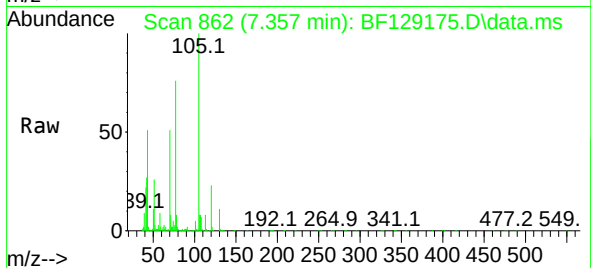
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.381 ng  
RT: 7.357 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

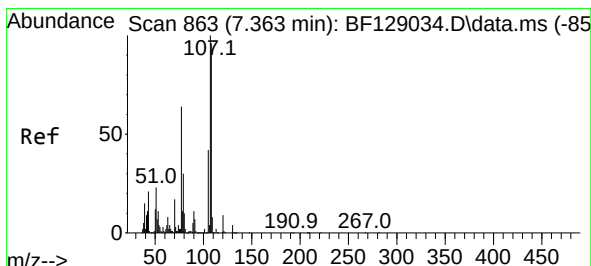
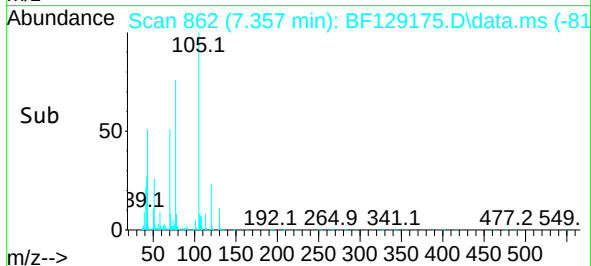
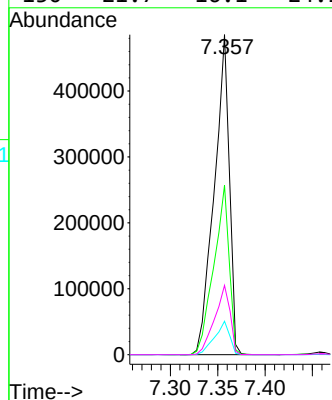


Tgt Ion: 70 Resp: 538450  
Ion Ratio Lower Upper  
70 100  
42 53.0 52.3 78.5  
101 10.5 7.5 11.3  
130 21.7 16.1 24.1

Manual Integrations

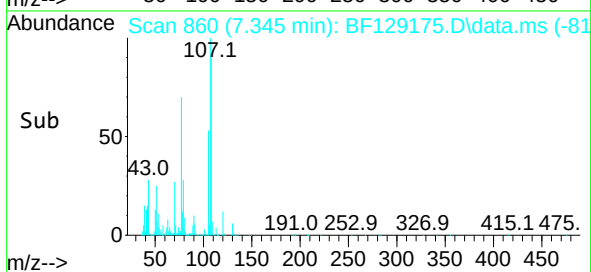
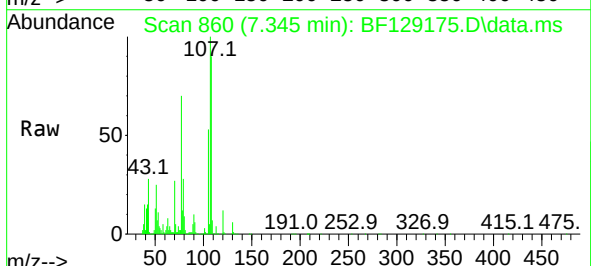
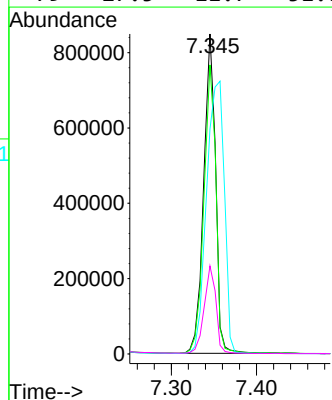
APPROVED

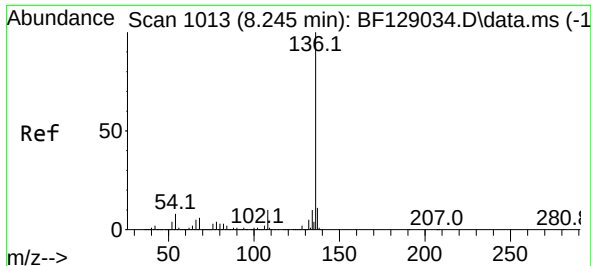
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#20  
3+4-Methylphenols  
Concen: 40.578 ng  
RT: 7.345 min Scan# 860  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Tgt Ion:107 Resp: 818793  
Ion Ratio Lower Upper  
107 100  
108 90.4 71.8 111.8  
77 70.3 59.3 99.3  
79 27.5 11.7 51.7





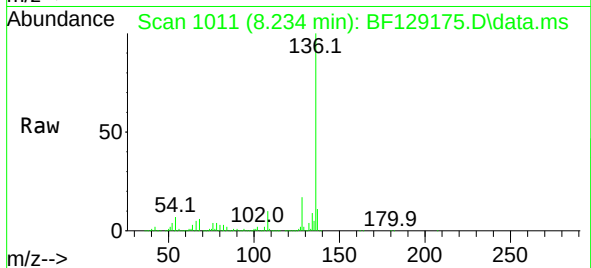
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.234 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

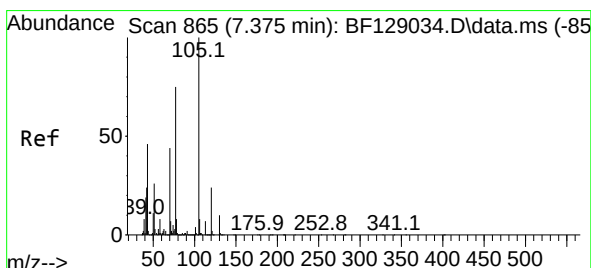
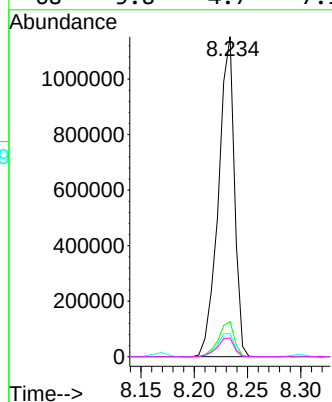
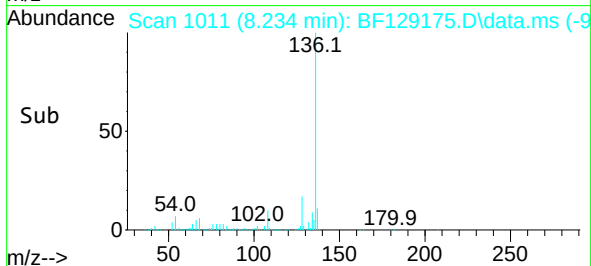


Tgt Ion:136 Resp: 1198309  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.2 7.5 11.3  
68 5.8 4.7 7.1

Manual Integrations

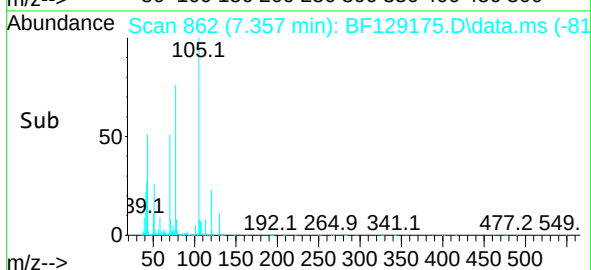
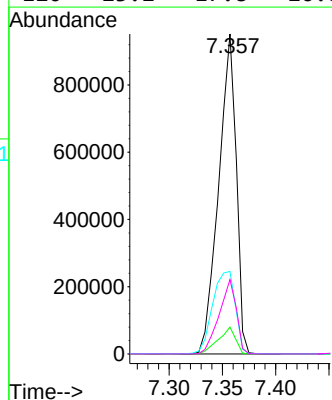
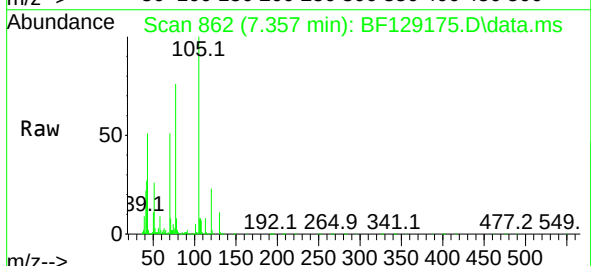
APPROVED

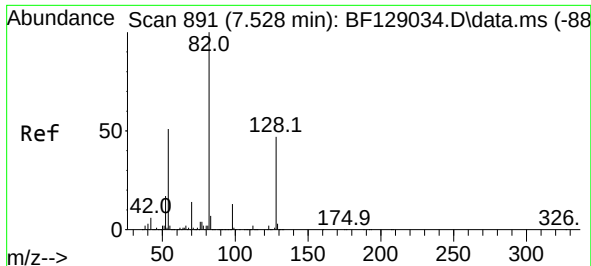
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#22  
Acetophenone  
Concen: 39.558 ng  
RT: 7.357 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Tgt Ion:105 Resp: 1087416  
Ion Ratio Lower Upper  
105 100  
71 8.4 5.0 7.4  
51 25.8 25.0 37.4  
120 23.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 76.395 ng

RT: 7.510 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

Tgt Ion: 82 Resp: 153478

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

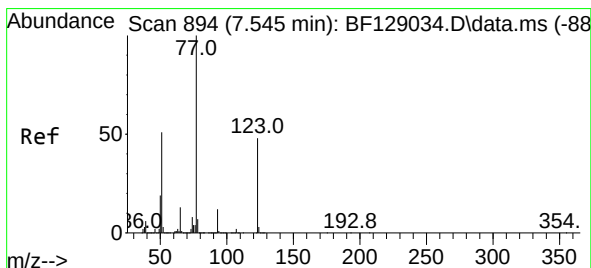
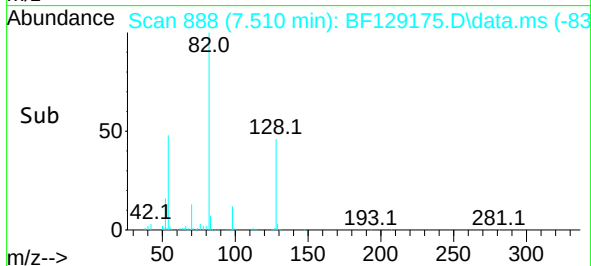
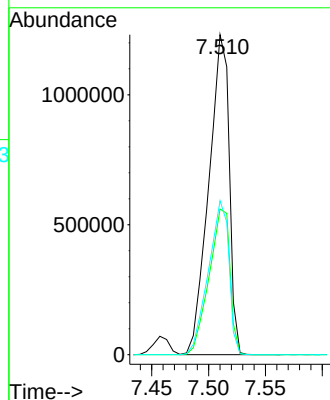
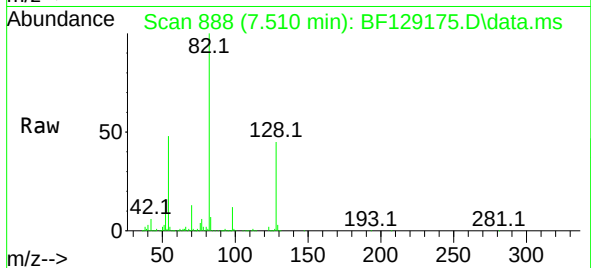
54 48.1 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022

Supervised By :mohammad ahmed 07/11/2022



#24

Nitrobenzene

Concen: 42.184 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

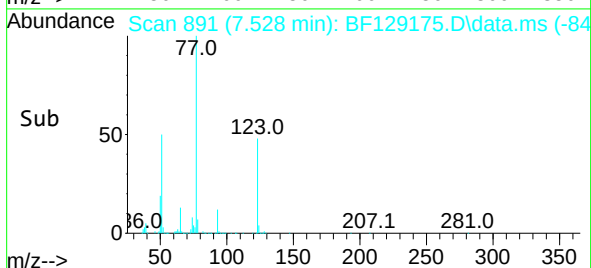
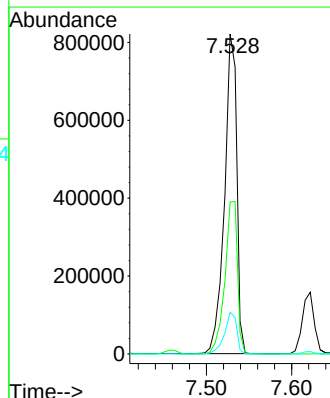
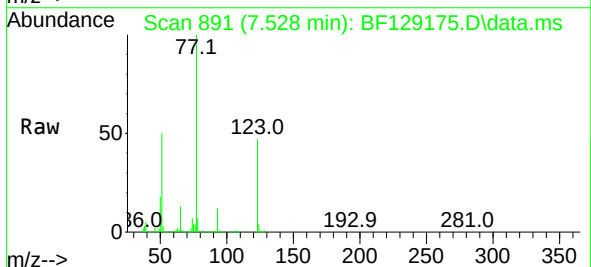
Tgt Ion: 77 Resp: 819989

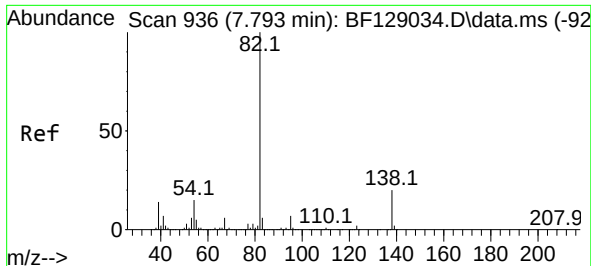
Ion Ratio Lower Upper

77 100

123 47.4 35.4 53.2

65 13.1 11.8 17.8





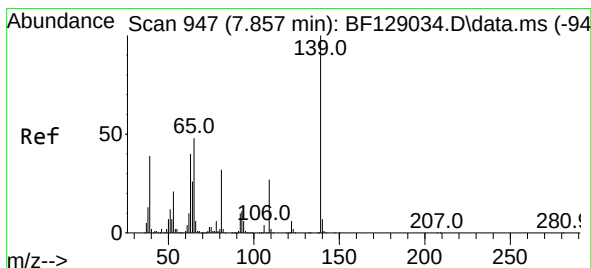
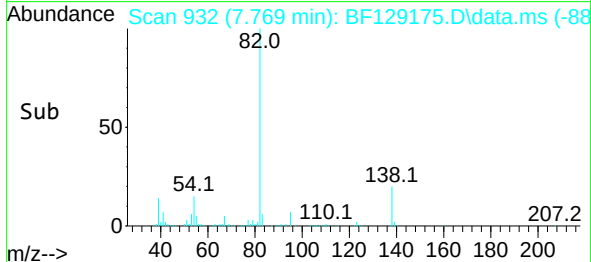
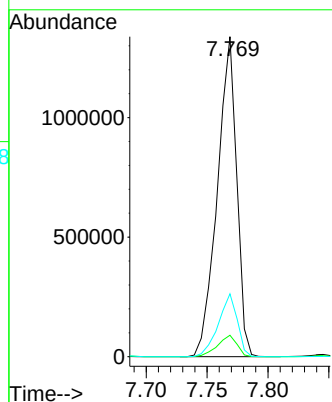
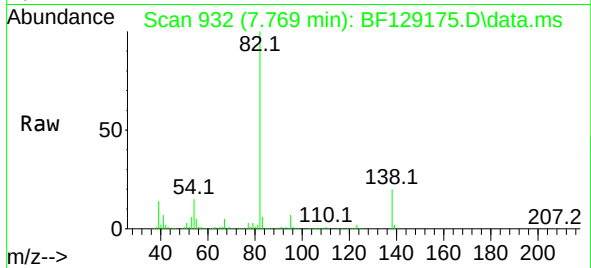
#25  
Isophorone  
Concen: 43.716 ng  
RT: 7.769 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS

Tgt Ion: 82 Resp: 148430  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.7 8.5  
138 19.7 14.2 21.2

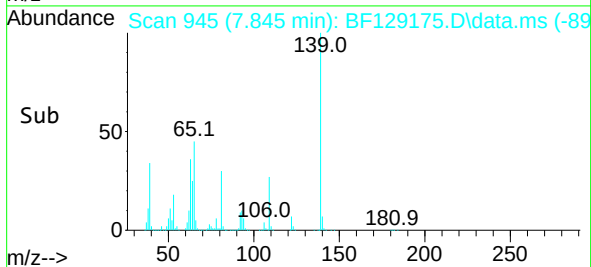
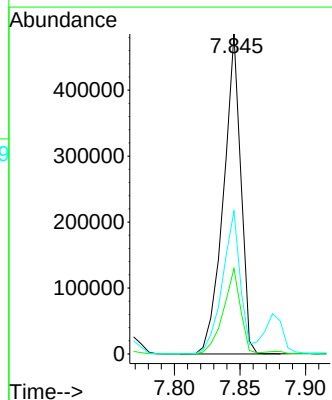
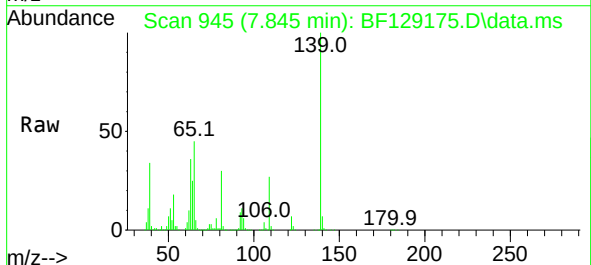
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

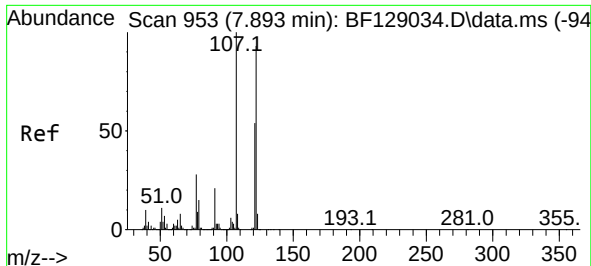


#26  
2-Nitrophenol  
Concen: 49.204 ng  
RT: 7.845 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Tgt Ion:139 Resp: 444515  
Ion Ratio Lower Upper  
139 100  
109 26.7 25.0 37.4  
65 44.7 45.1 67.7#







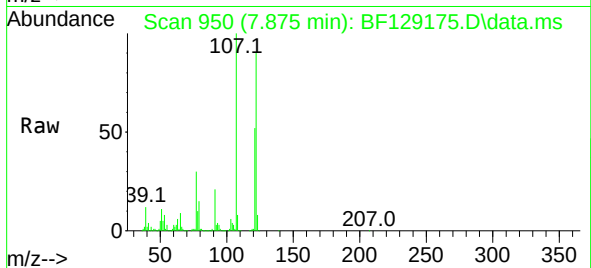
#27  
2,4-Dimethylphenol  
Concen: 46.474 ng  
RT: 7.875 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

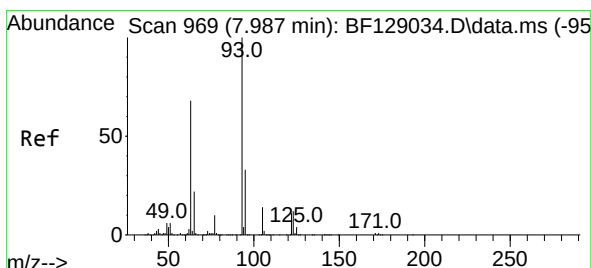
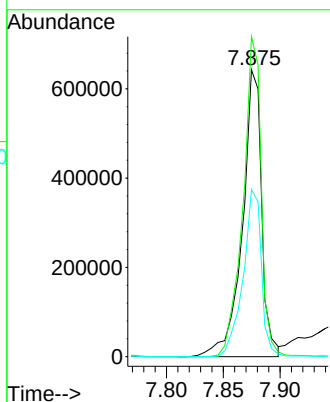
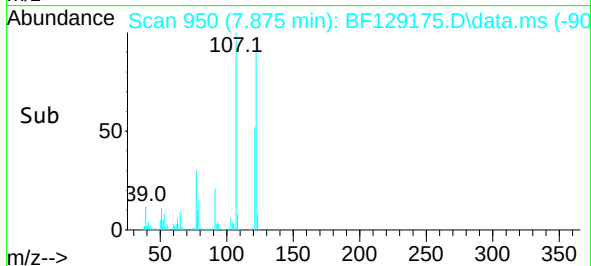


Tgt Ion:122 Resp: 757994  
Ion Ratio Lower Upper  
122 100  
107 111.6 93.0 139.6  
121 58.3 46.6 70.0

Manual Integrations

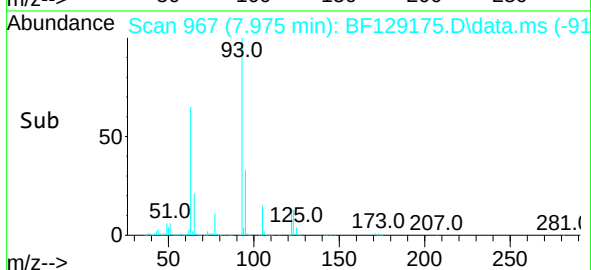
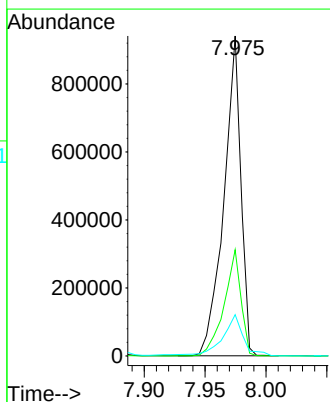
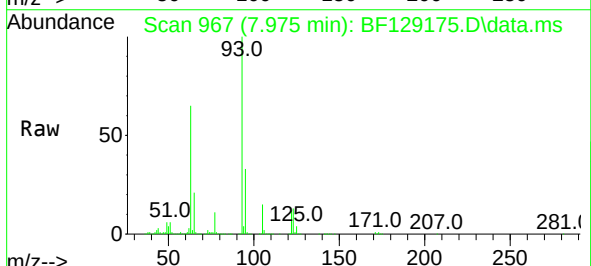
APPROVED

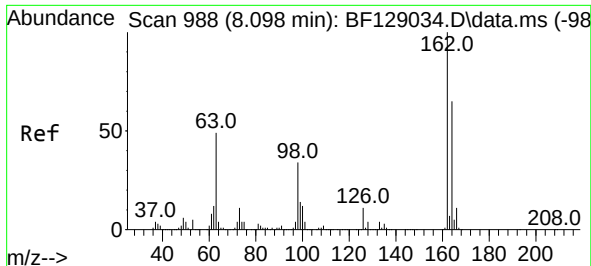
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.293 ng  
RT: 7.975 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Tgt Ion: 93 Resp: 916240  
Ion Ratio Lower Upper  
93 100  
95 33.2 26.8 40.2  
123 12.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.749 ng

RT: 8.086 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129175.D

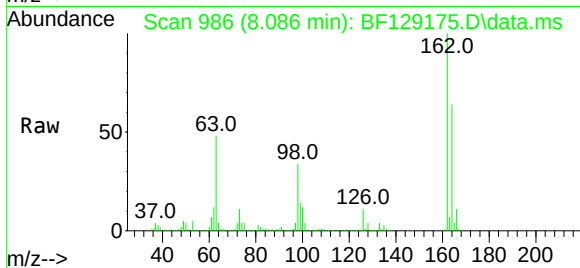
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS



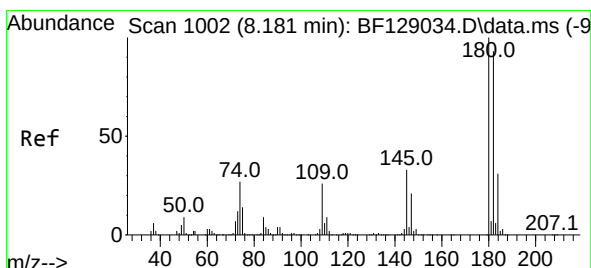
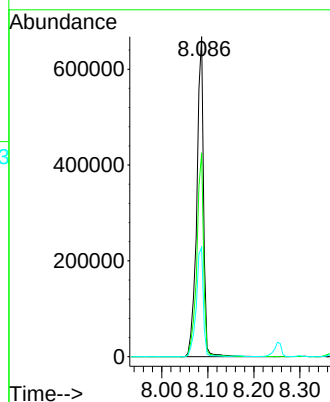
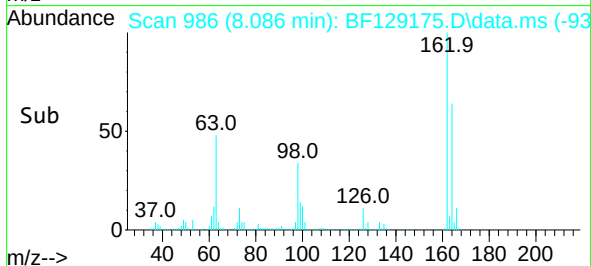
Tgt Ion:162 Resp: 67789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 63.7  | 44.2  | 84.2  |
| 98  | 34.2  | 19.6  | 59.6  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.143 ng

RT: 8.169 min Scan# 1000

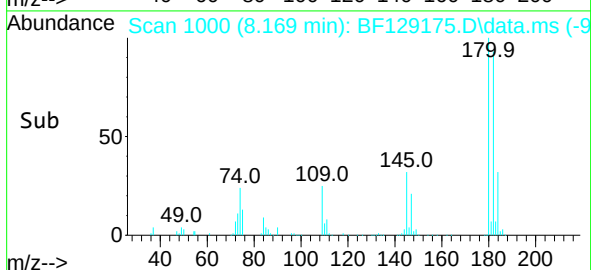
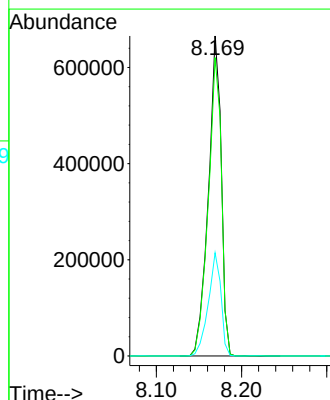
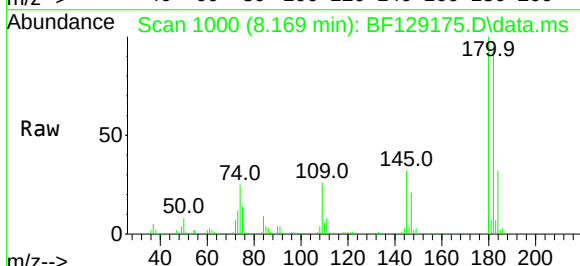
Delta R.T. -0.006 min

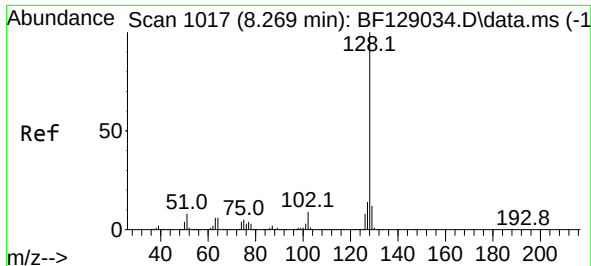
Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Tgt Ion:180 Resp: 698267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.2  | 79.2  | 118.8 |
| 145 | 32.3  | 26.2  | 39.2  |





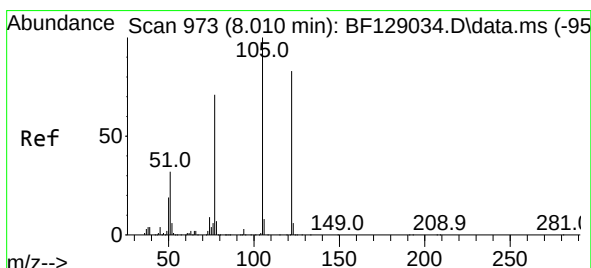
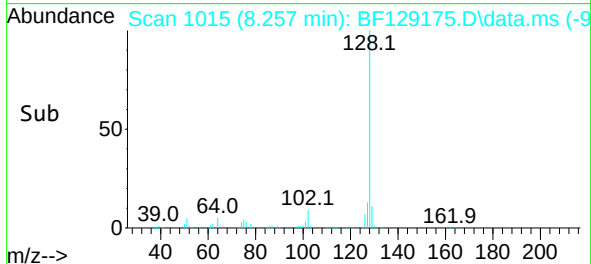
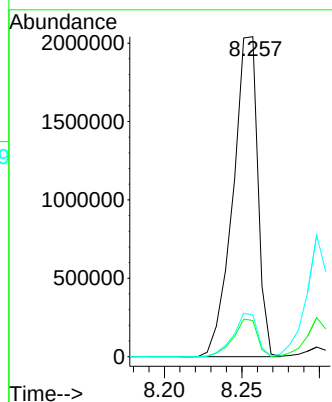
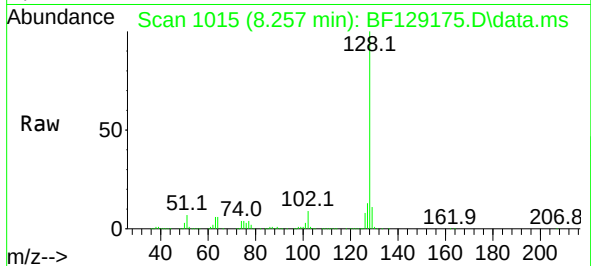
#31  
Naphthalene  
Concen: 41.834 ng  
RT: 8.257 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS

Tgt Ion:128 Resp: 227573  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.2 13.8  
127 13.1 10.5 15.7

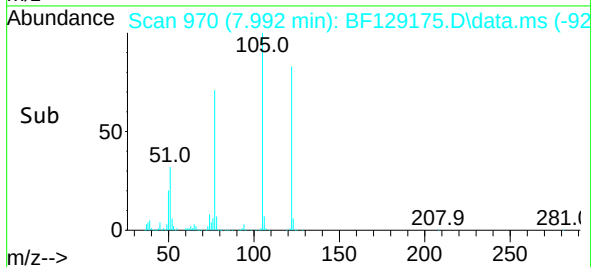
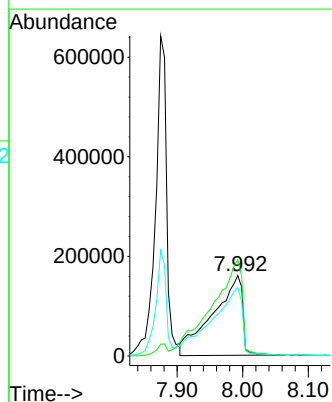
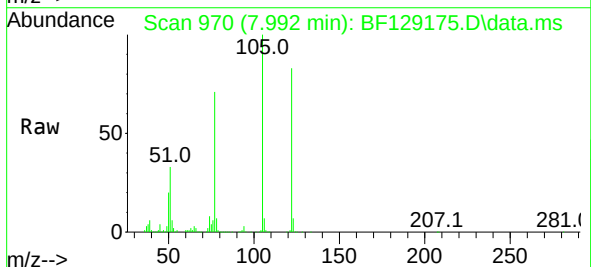
Manual Integrations  
APPROVED

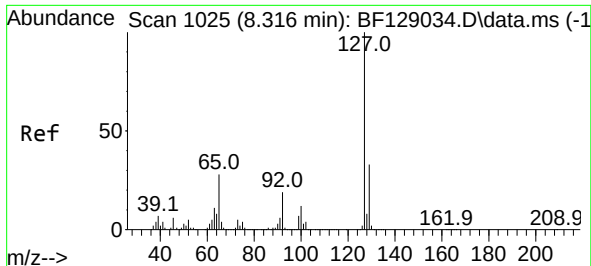
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#32  
Benzoic acid  
Concen: 38.439 ng  
RT: 7.992 min Scan# 970  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Tgt Ion:122 Resp: 503010  
Ion Ratio Lower Upper  
122 100  
105 119.9 107.1 147.1  
77 85.4 74.2 114.2





#33  
4-Chloroaniline  
Concen: 35.106 ng  
RT: 8.298 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

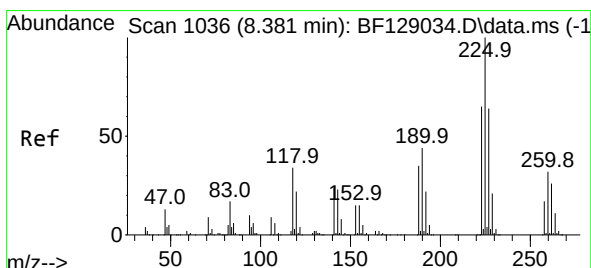
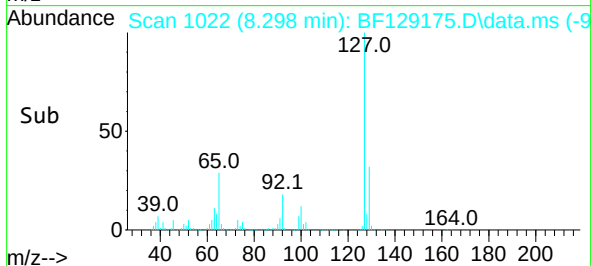
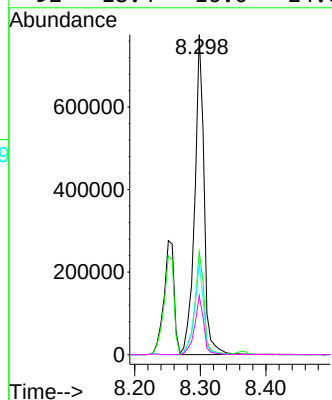
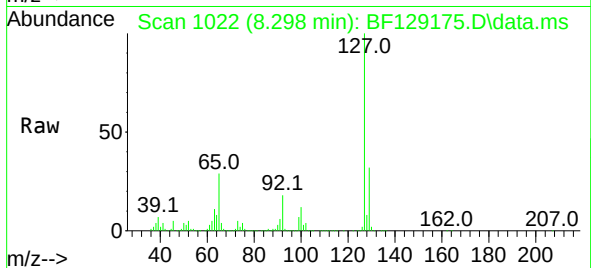
PB146101BS

Tgt Ion:127 Resp: 76954  
Ion Ratio Lower Upper  
127 100  
129 32.1 26.4 39.6  
65 29.0 26.4 39.6  
92 18.4 16.0 24.0

Manual Integrations

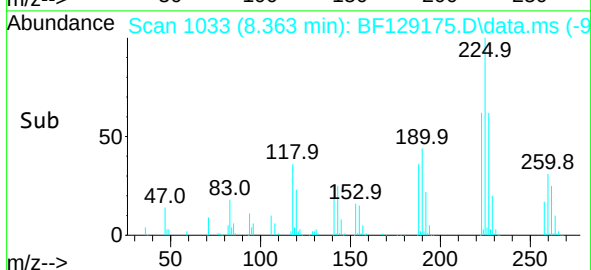
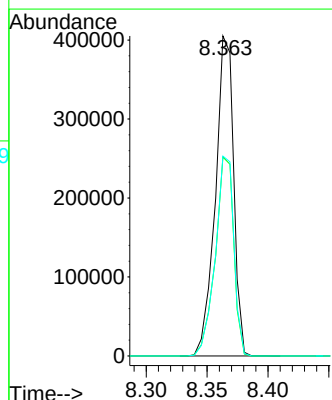
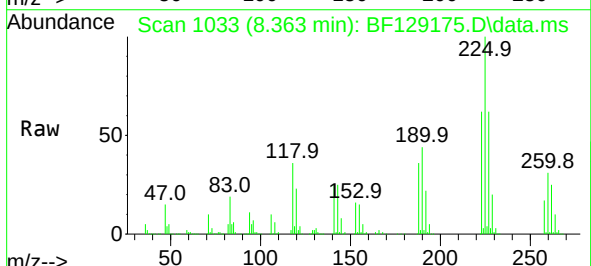
APPROVED

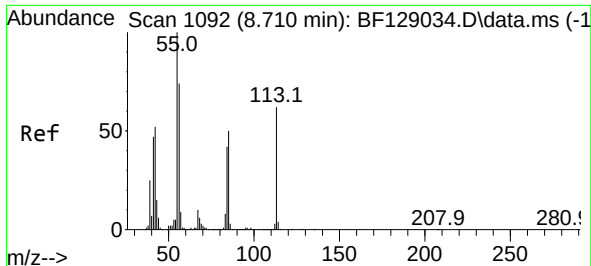
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#34  
Hexachlorobutadiene  
Concen: 38.747 ng  
RT: 8.363 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

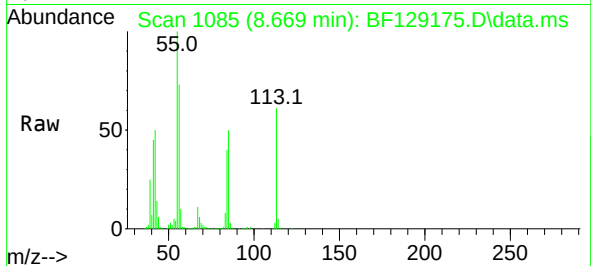
Tgt Ion:225 Resp: 423540  
Ion Ratio Lower Upper  
225 100  
223 62.2 51.0 76.6  
227 62.5 51.1 76.7





#35  
Caprolactam  
Concen: 40.705 ng m  
RT: 8.669 min Scan# 1104  
Delta R.T. -0.012 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

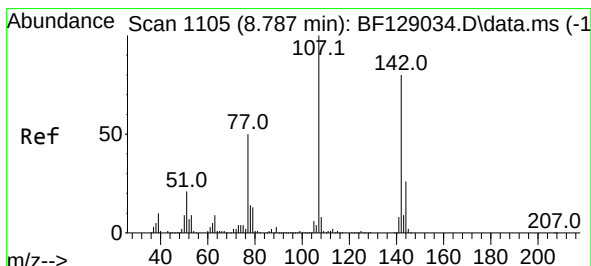
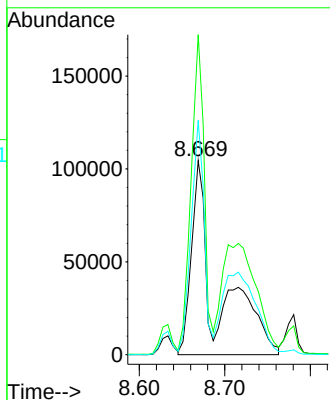
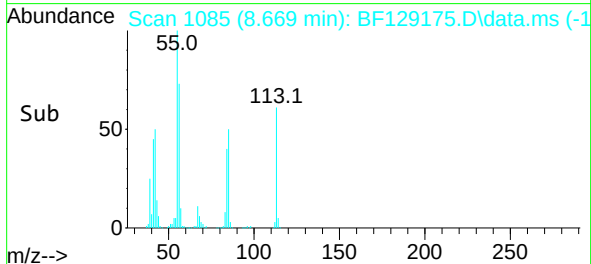
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



Tgt Ion:113 Resp: 214729  
Ion Ratio Lower Upper  
113 100  
55 164.9 188.5 228.5  
56 120.7 130.6 170.6

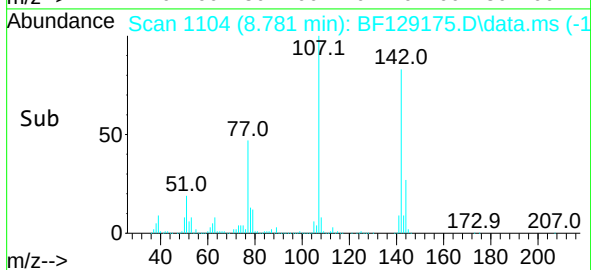
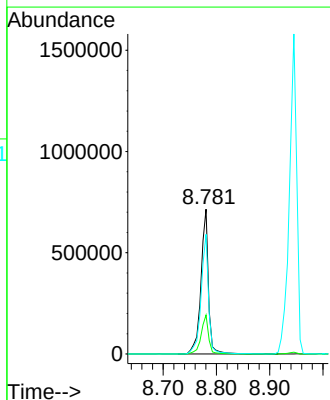
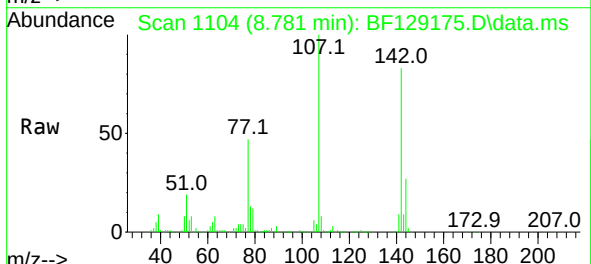
Manual Integrations  
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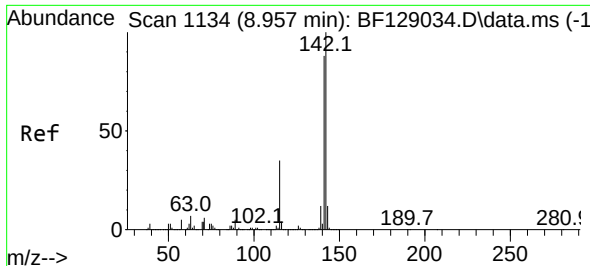
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#36  
4-Chloro-3-methylphenol  
Concen: 41.508 ng  
RT: 8.781 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Tgt Ion:107 Resp: 701579  
Ion Ratio Lower Upper  
107 100  
144 26.8 19.5 29.3  
142 82.6 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.536 ng

RT: 8.945 min Scan# 1132

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

Tgt Ion:142 Resp: 1520429

Ion Ratio Lower Upper

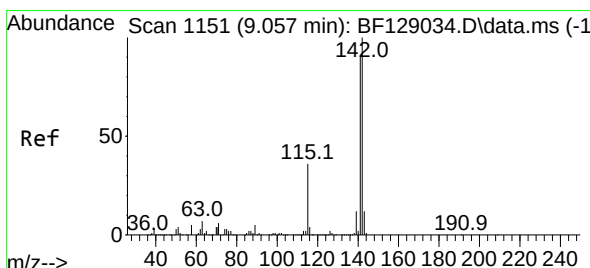
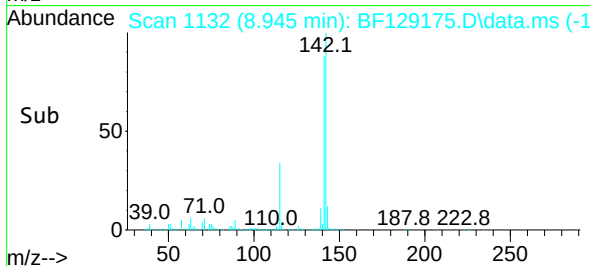
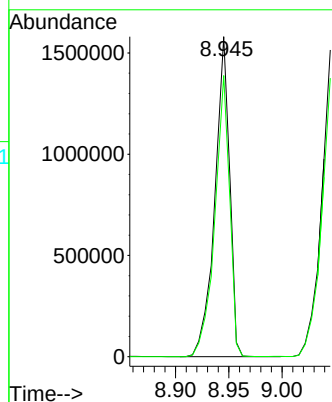
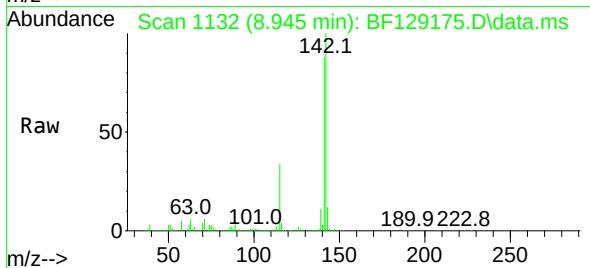
142 100

141 87.9 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#38

1-Methylnaphthalene

Concen: 40.750 ng

RT: 9.045 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF129175.D

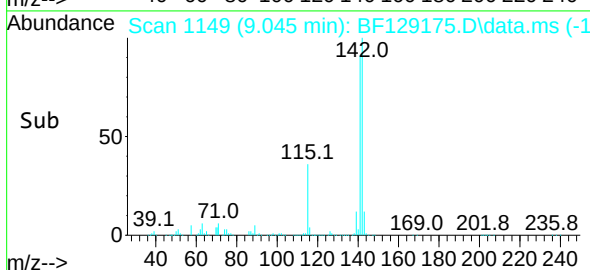
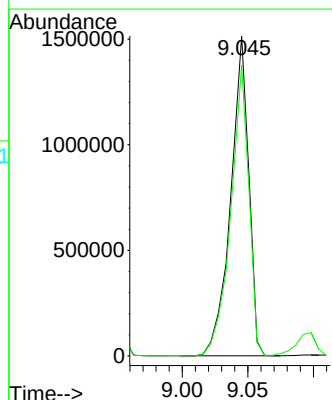
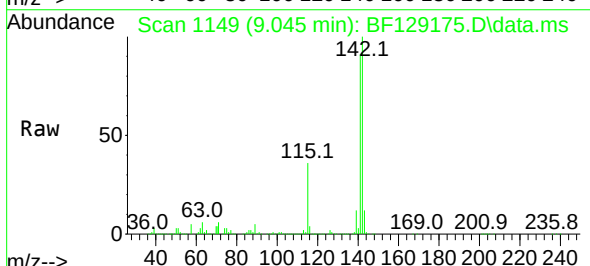
Acq: 08 Jul 2022 14:51

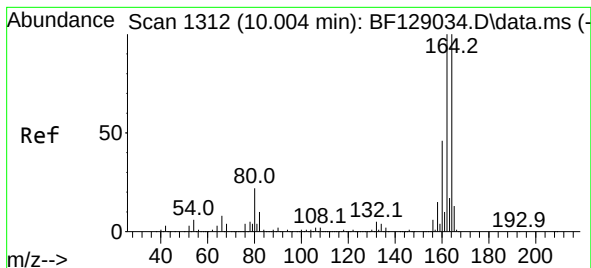
Tgt Ion:142 Resp: 1448580

Ion Ratio Lower Upper

142 100

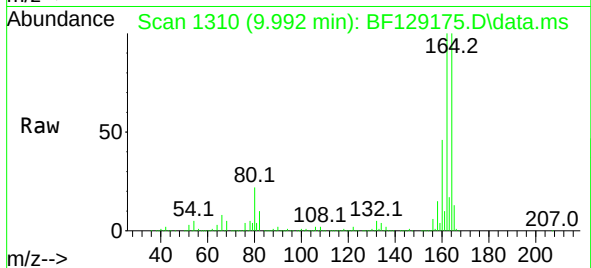
141 90.8 74.2 111.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.992 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

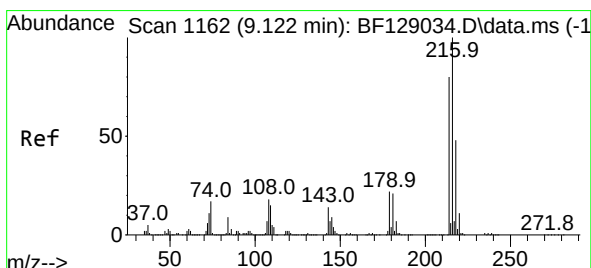
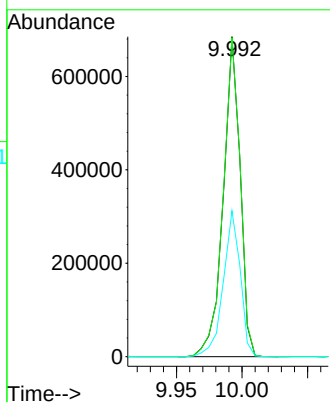
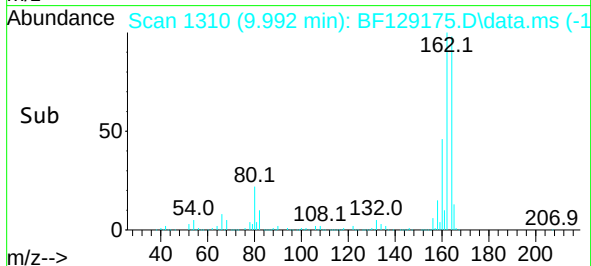
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



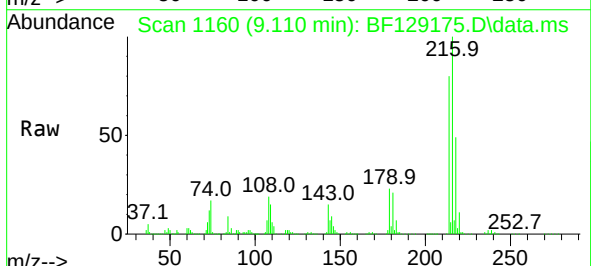
Tgt Ion:164 Resp: 61415  
Ion Ratio Lower Upper  
164 100  
162 99.8 79.5 119.3  
160 45.6 34.2 51.4

Manual Integrations  
APPROVED

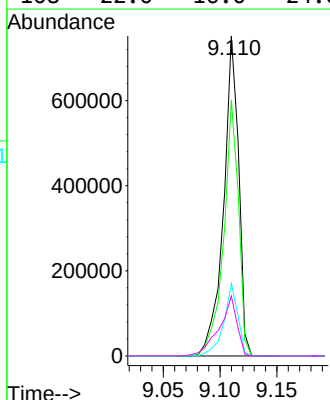
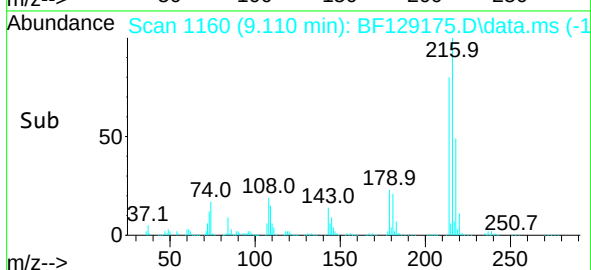
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

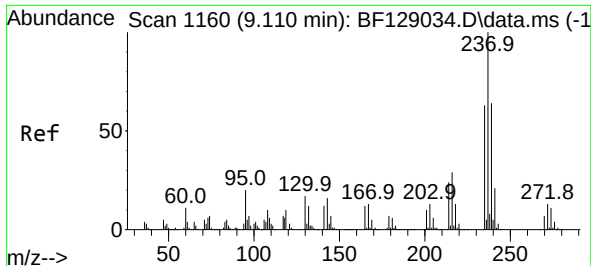


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.285 ng  
RT: 9.110 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



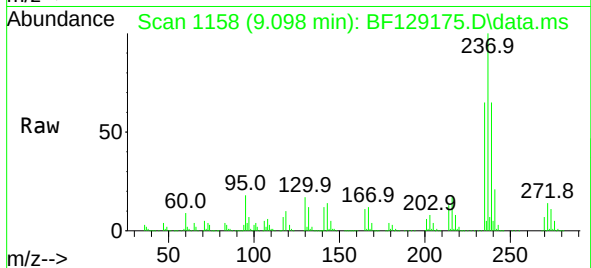
Tgt Ion:216 Resp: 695435  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.6 95.4  
179 21.2 17.0 25.6  
108 22.0 16.0 24.0





#41  
Hexachlorocyclopentadiene  
Concen: 101.613 ng  
RT: 9.098 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

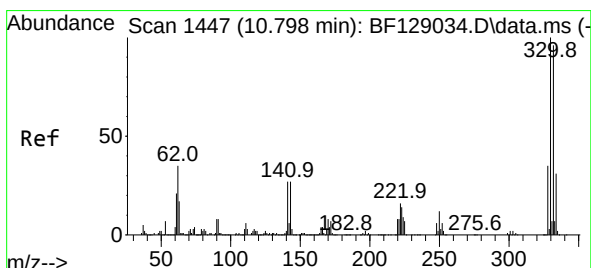
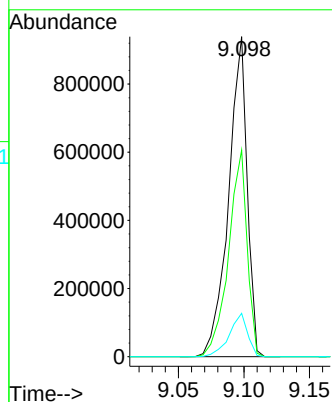
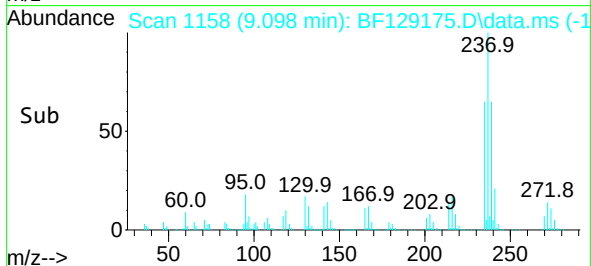
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



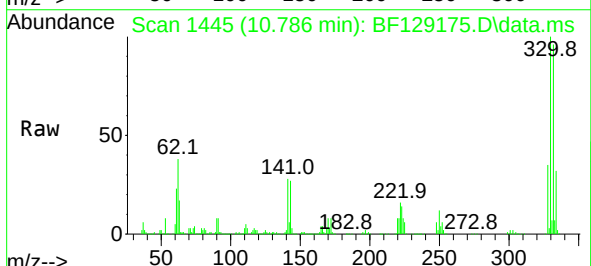
Tgt Ion:237 Resp: 92592  
Ion Ratio Lower Upper  
237 100  
235 64.6 43.2 83.2  
272 13.5 0.0 31.9

Manual Integrations  
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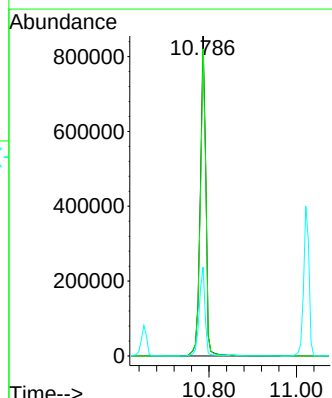
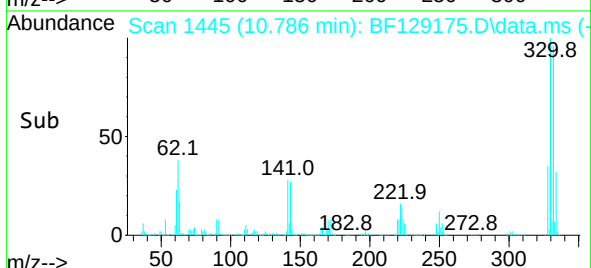
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



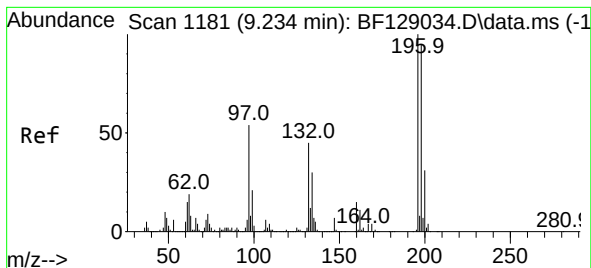
#42  
2,4,6-Tribromophenol  
Concen: 112.420 ng  
RT: 10.786 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:330 Resp: 750735  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.8 115.2  
141 29.3 28.0 42.0







#43

2,4,6-Trichlorophenol

Concen: 41.473 ng

RT: 9.222 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

Tgt Ion:196 Resp: 487652

Ion Ratio Lower Upper

196 100

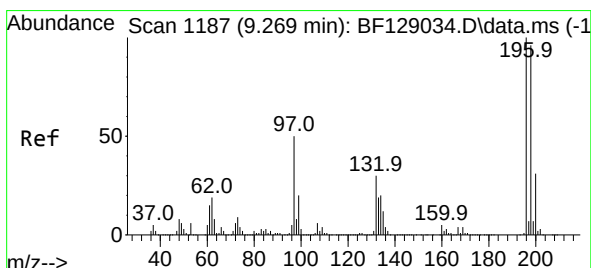
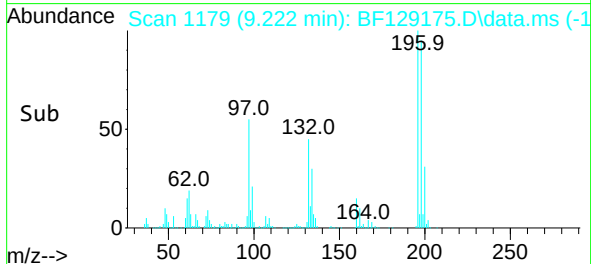
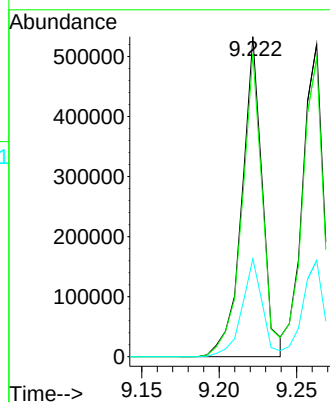
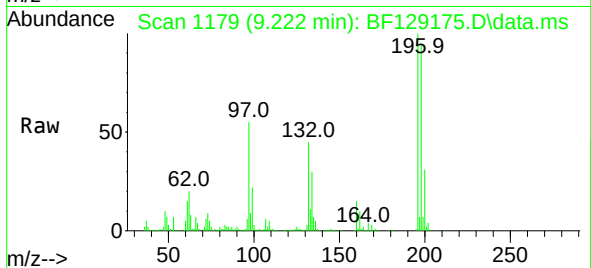
198 94.5 74.0 111.0

200 30.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#44

2,4,5-Trichlorophenol

Concen: 40.547 ng

RT: 9.263 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Tgt Ion:196 Resp: 507133

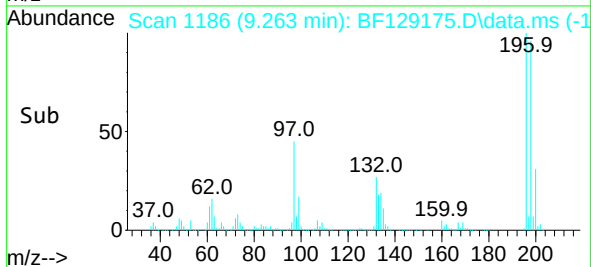
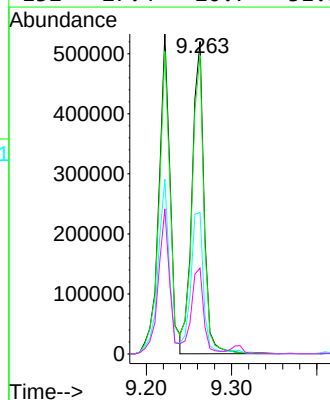
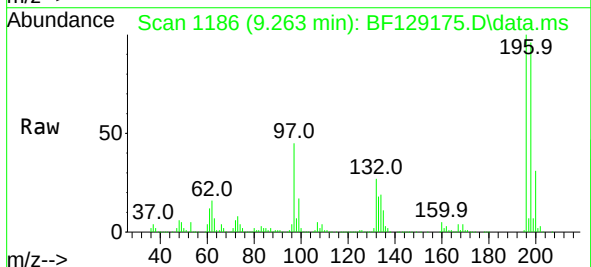
Ion Ratio Lower Upper

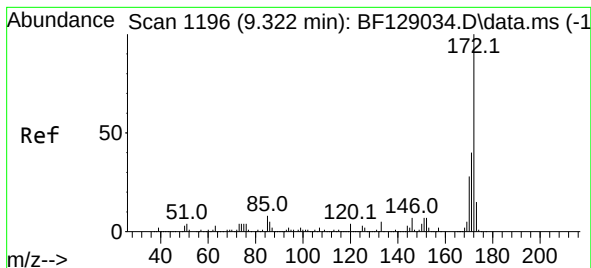
196 100

198 95.5 75.7 113.5

97 45.3 36.4 54.6

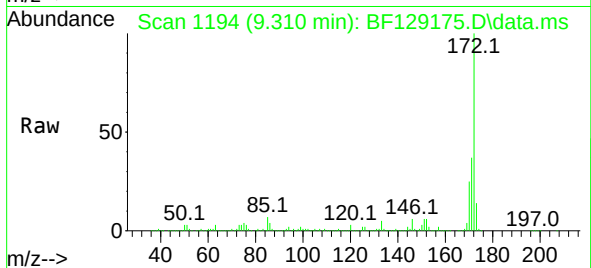
132 27.4 20.7 31.1





#45  
2-Fluorobiphenyl  
Concen: 73.364 ng  
RT: 9.310 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

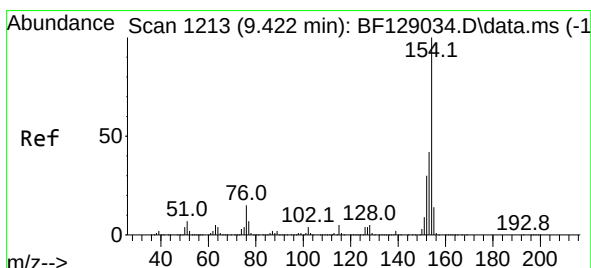
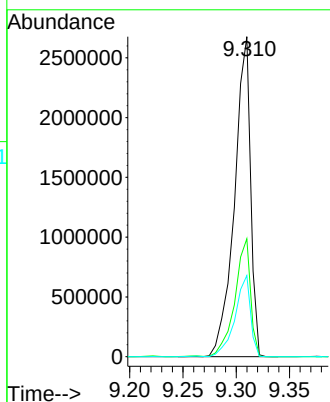
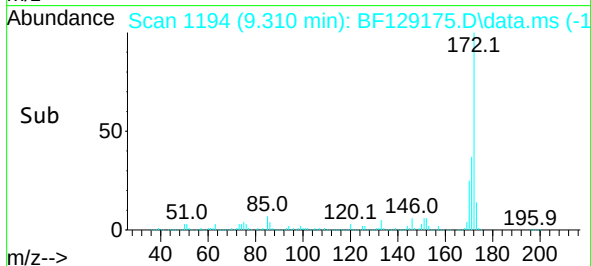
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



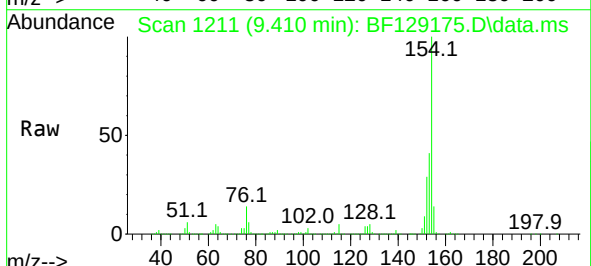
Tgt Ion:172 Resp: 2816430  
Ion Ratio Lower Upper  
172 100  
171 36.9 28.8 43.2  
170 25.3 19.8 29.8

Manual Integrations  
APPROVED

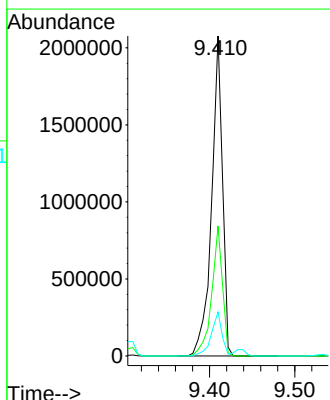
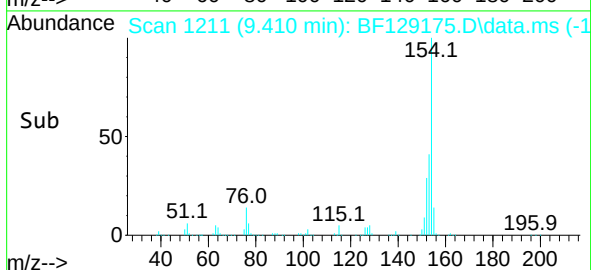
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

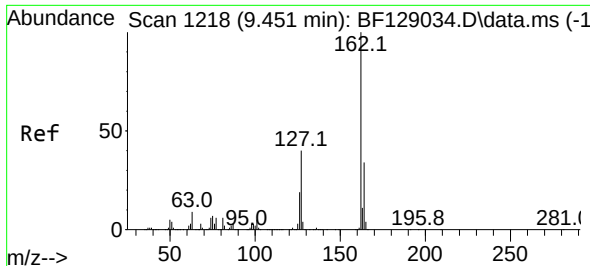


#46  
1,1'-Biphenyl  
Concen: 41.814 ng  
RT: 9.410 min Scan# 1211  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:154 Resp: 1846207  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.6 60.6  
76 13.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.663 ng

RT: 9.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129175.D

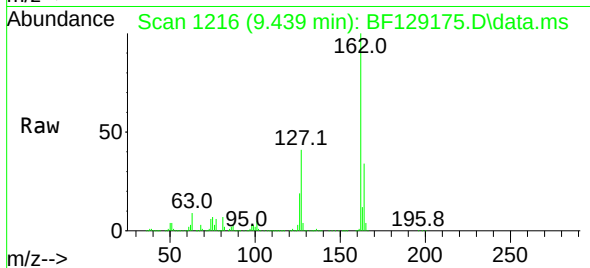
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS



Tgt Ion:162 Resp: 138645

Ion Ratio Lower Upper

162 100

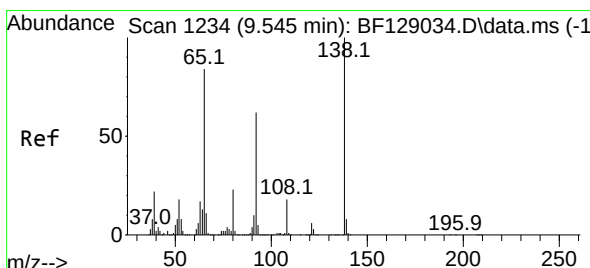
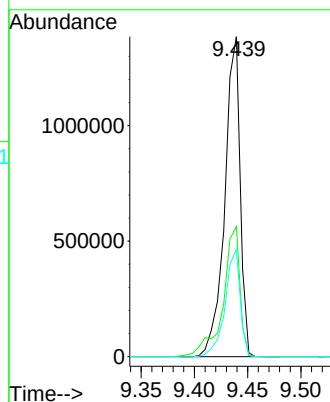
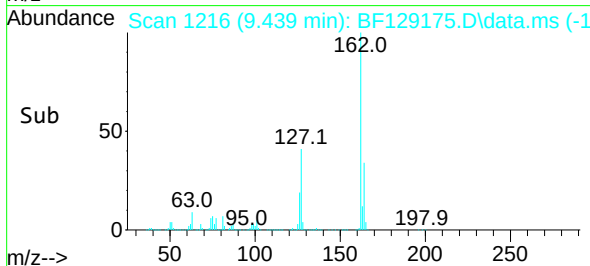
127 40.7 34.5 51.7

164 33.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#48

2-Nitroaniline

Concen: 46.084 ng

RT: 9.533 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

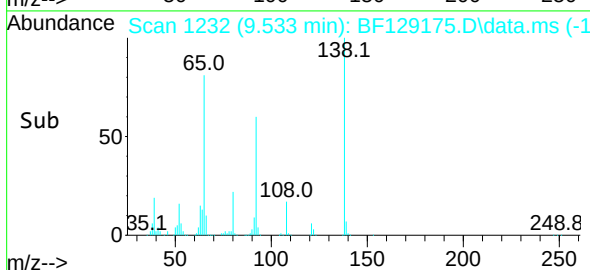
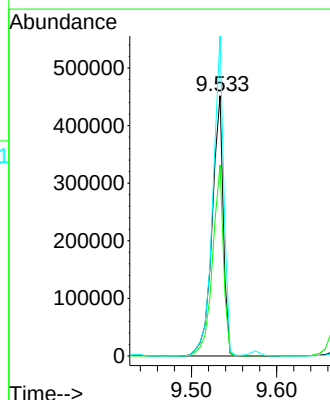
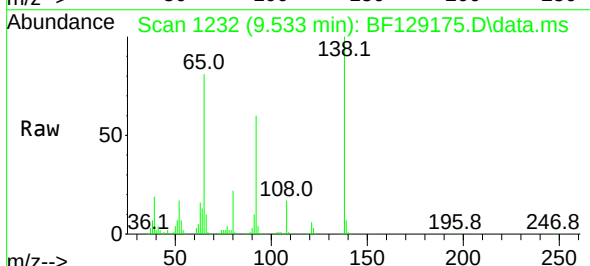
Tgt Ion: 65 Resp: 413855

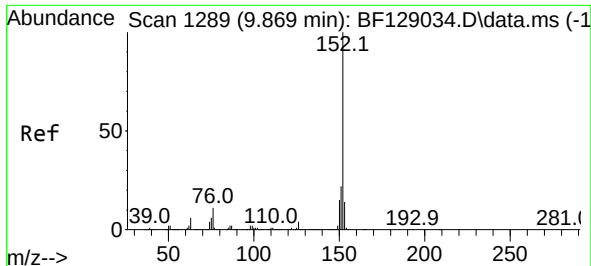
Ion Ratio Lower Upper

65 100

92 73.3 51.9 77.9

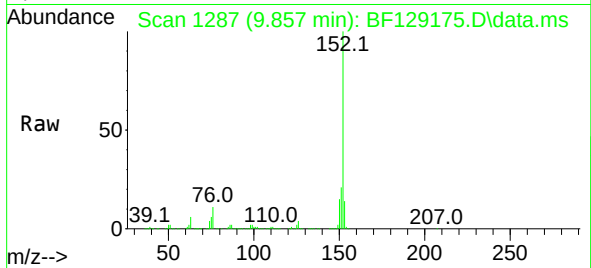
138 122.9 76.4 114.6#





#49  
Acenaphthylene  
Concen: 41.881 ng  
RT: 9.857 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

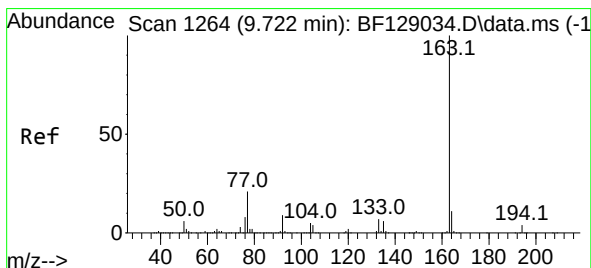
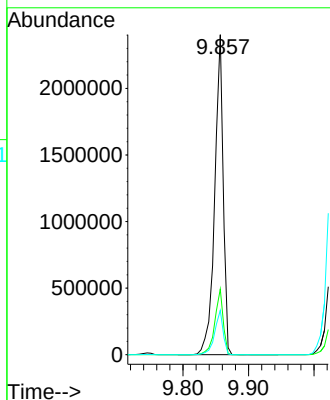
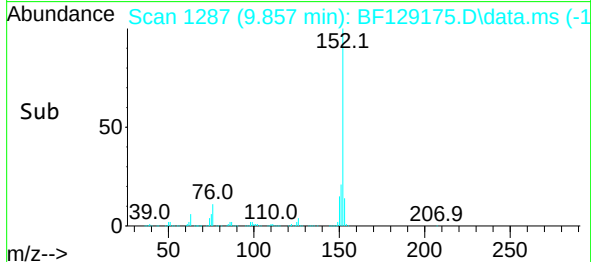
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



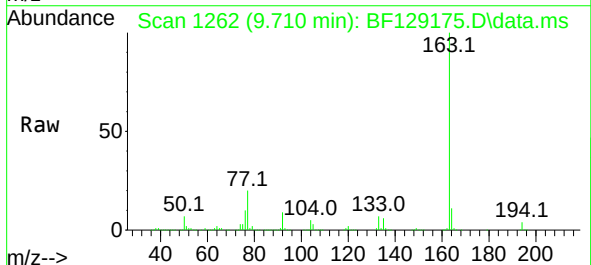
Tgt Ion:152 Resp: 216982  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.2 24.4  
153 13.9 10.7 16.1

Manual Integrations  
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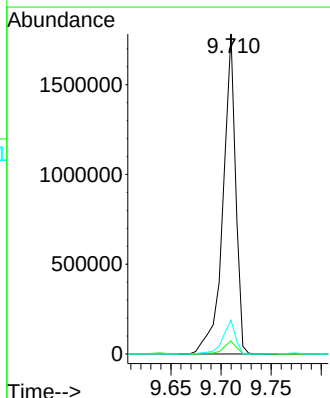
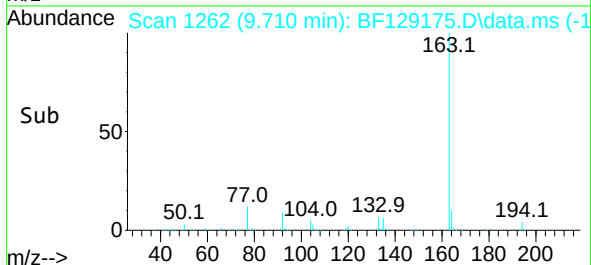
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

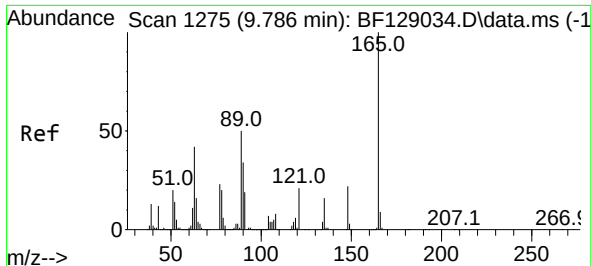


#50  
Dimethylphthalate  
Concen: 40.695 ng  
RT: 9.710 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



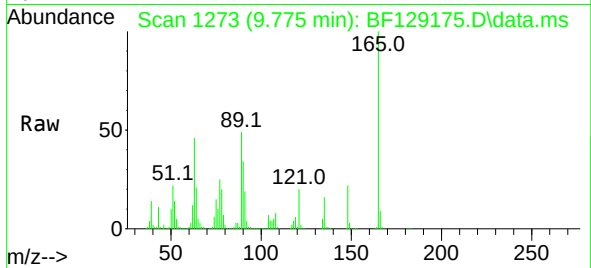
Tgt Ion:163 Resp: 1563558  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.5 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 44.001 ng  
RT: 9.775 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

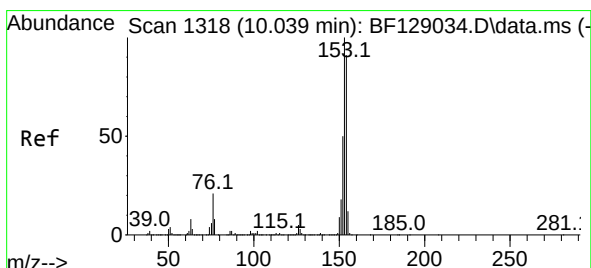
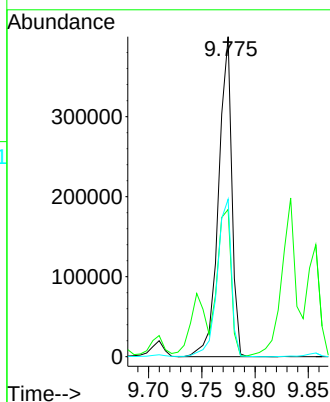
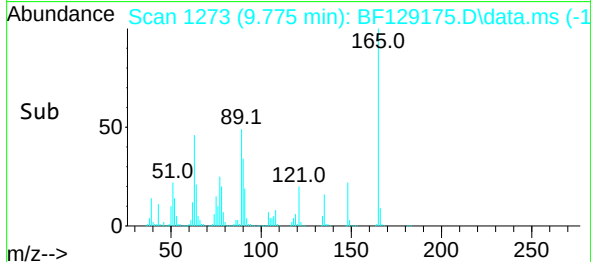
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



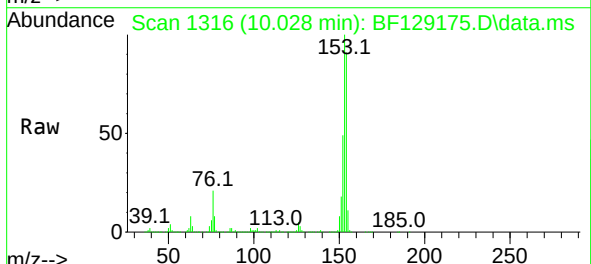
Tgt Ion:165 Resp: 345462  
Ion Ratio Lower Upper  
165 100  
63 46.0 44.9 67.3  
89 49.2 43.6 65.4

Manual Integrations  
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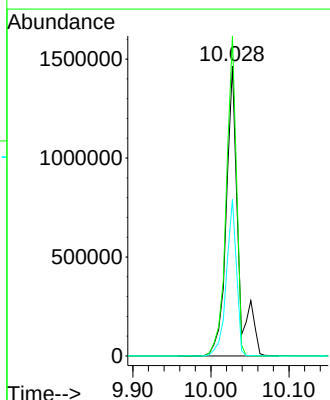
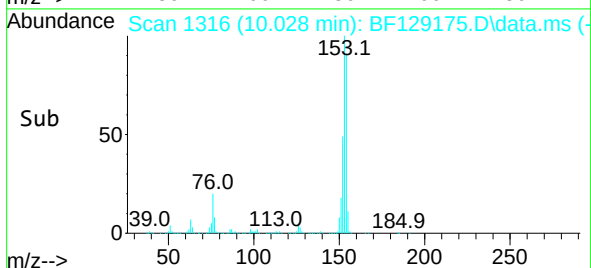
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

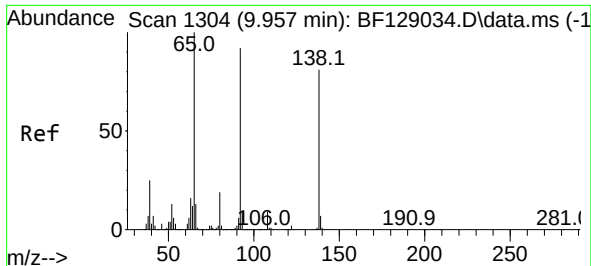


#52  
Acenaphthene  
Concen: 46.327 ng m  
RT: 10.028 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



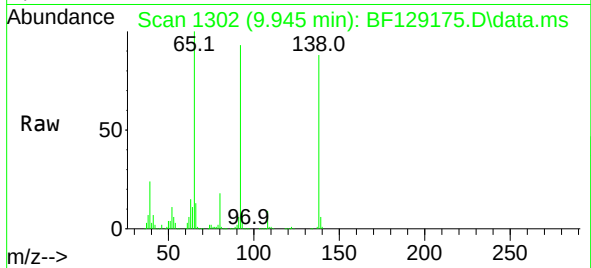
Tgt Ion:154 Resp: 1563412  
Ion Ratio Lower Upper  
154 100  
153 110.4 89.6 134.4  
152 54.0 42.4 63.6





#53  
3-Nitroaniline  
Concen: 34.792 ng  
RT: 9.945 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

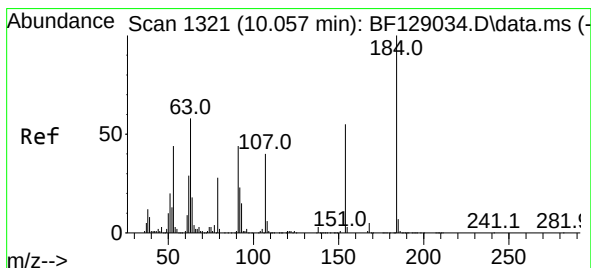
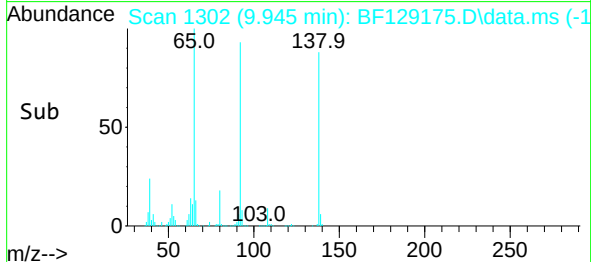
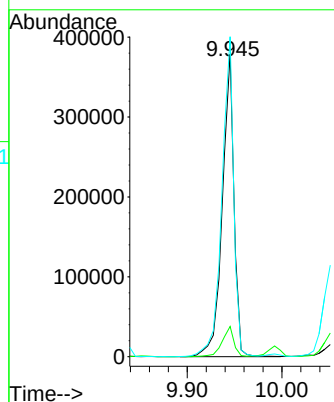
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



Tgt Ion:138 Resp: 32574  
Ion Ratio Lower Upper  
138 100  
108 10.0 10.9 16.3  
92 105.7 98.2 147.2

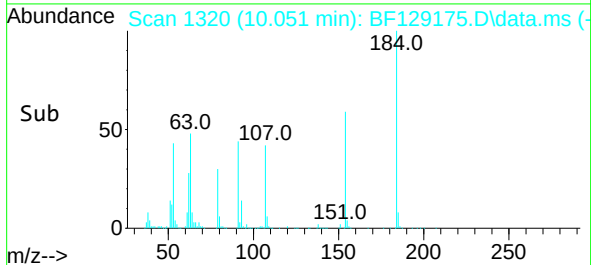
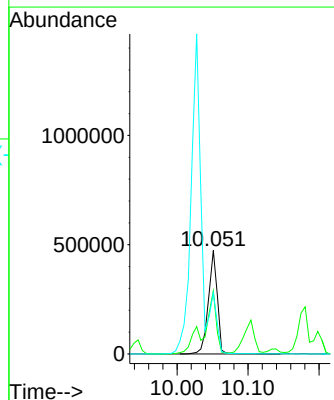
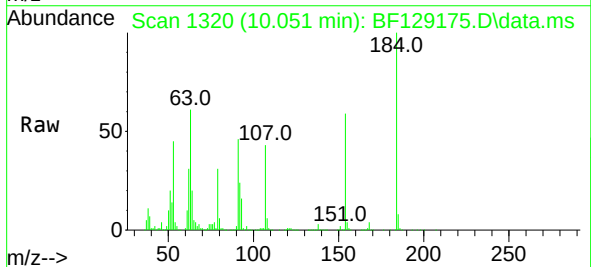
Manual Integrations  
APPROVED

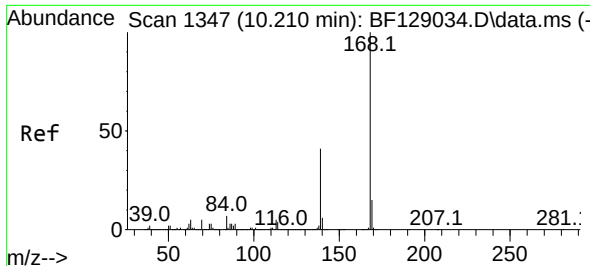
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#54  
2,4-Dinitrophenol  
Concen: 96.868 ng  
RT: 10.051 min Scan# 1320  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

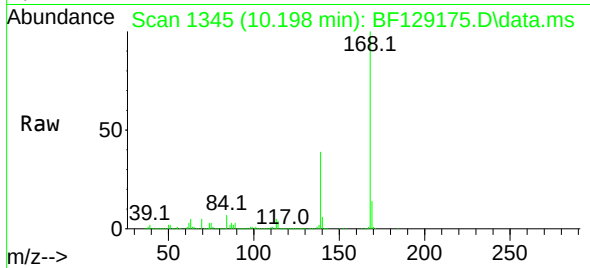
Tgt Ion:184 Resp: 418003  
Ion Ratio Lower Upper  
184 100  
63 61.0 64.5 96.7  
154 59.2 50.6 75.8





#55  
Dibenzenofuran  
Concen: 40.683 ng  
RT: 10.198 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

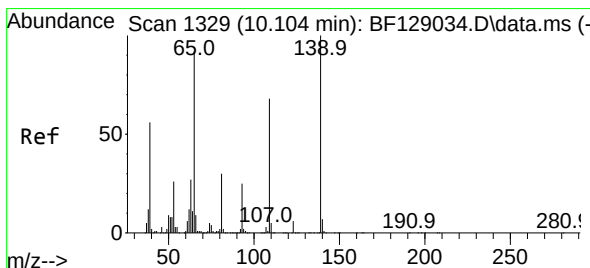
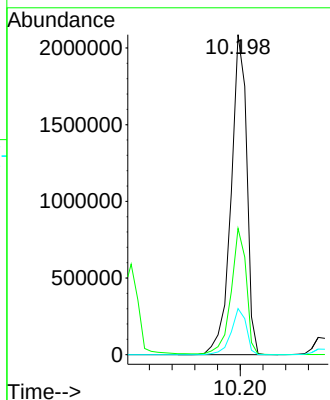
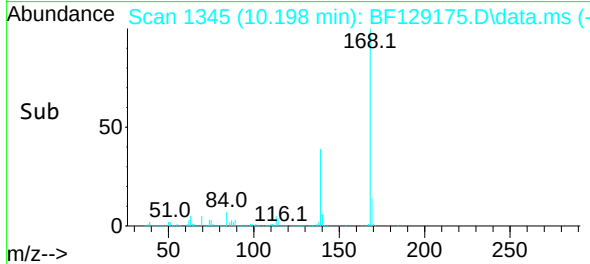
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



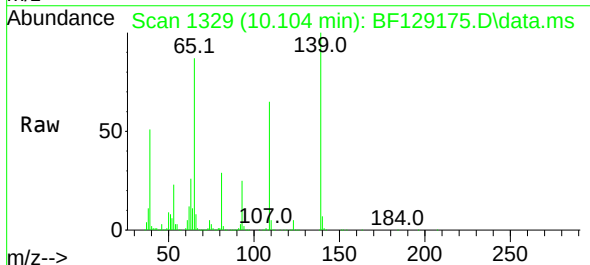
Tgt Ion:168 Resp: 199918  
Ion Ratio Lower Upper  
168 100  
139 39.4 30.6 46.0  
169 14.4 11.0 16.6

Manual Integrations  
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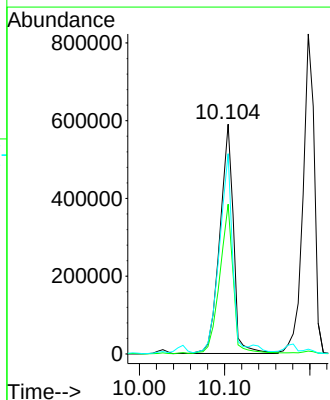
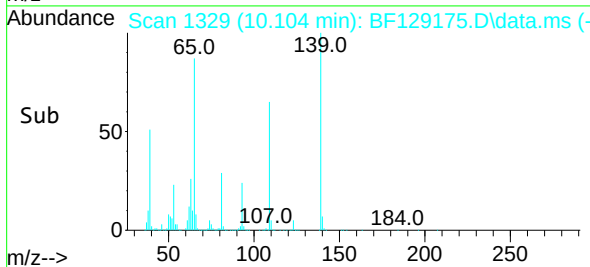
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

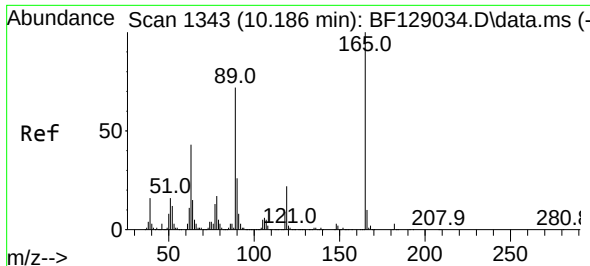


#56  
4-Nitrophenol  
Concen: 85.936 ng  
RT: 10.104 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:139 Resp: 657390  
Ion Ratio Lower Upper  
139 100  
109 65.1 50.7 90.7  
65 87.2 74.5 114.5





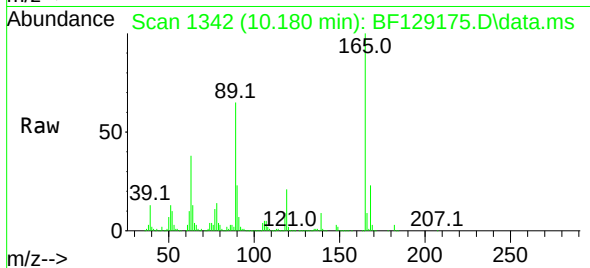
#57  
2,4-Dinitrotoluene  
Concen: 49.672 ng  
RT: 10.180 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

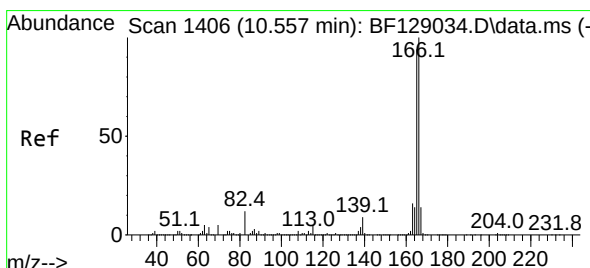
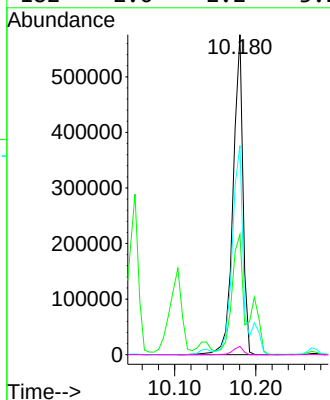
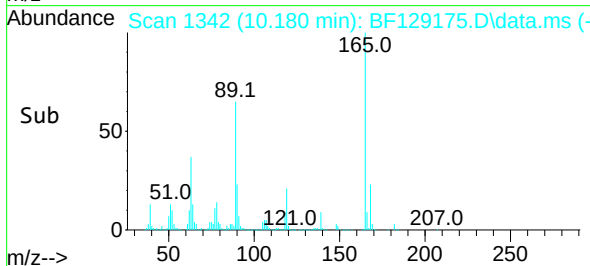


Tgt Ion:165 Resp: 481440  
Ion Ratio Lower Upper  
165 100  
63 37.5 39.8 59.6  
89 65.3 60.2 90.2  
182 2.6 2.2 3.2

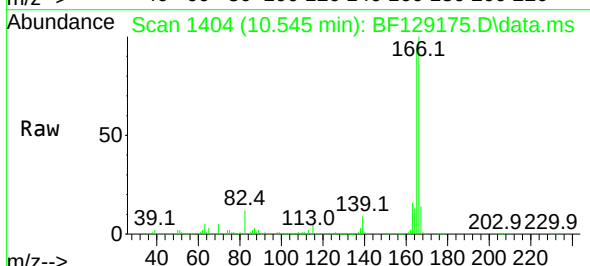
Manual Integrations

APPROVED

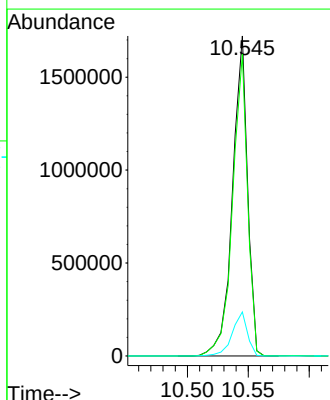
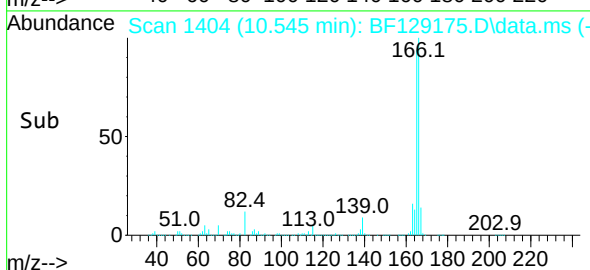
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



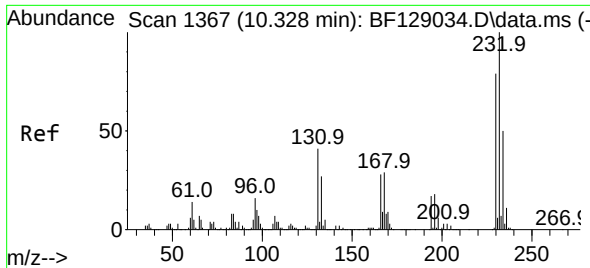
#58  
Fluorene  
Concen: 38.866 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:166 Resp: 1477325  
Ion Ratio Lower Upper  
166 100  
165 94.3 78.1 117.1  
167 13.7 10.5 15.7

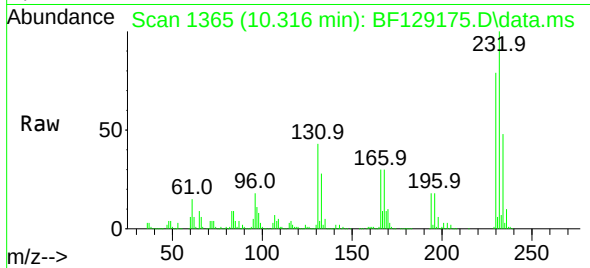






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.994 ng  
RT: 10.316 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

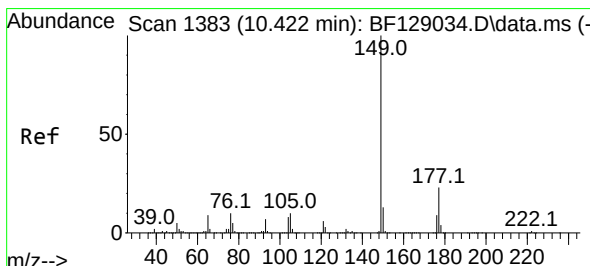
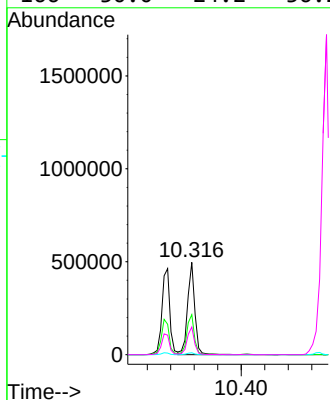
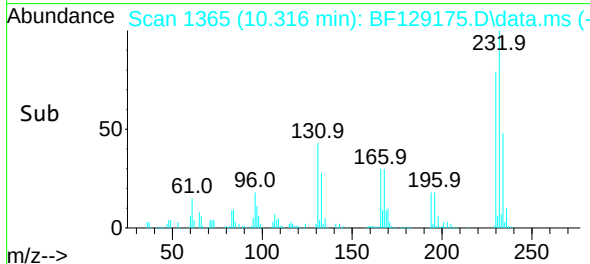
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



Tgt Ion:232 Resp: 424761  
Ion Ratio Lower Upper  
232 100  
131 44.6 36.1 54.1  
130 2.2 1.8 2.8  
166 30.0 24.2 36.2

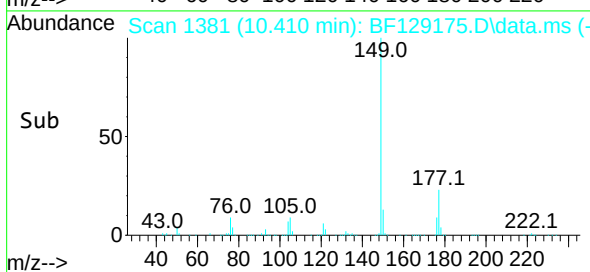
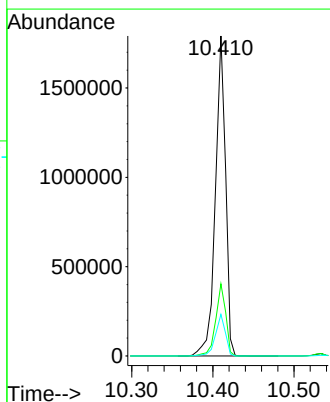
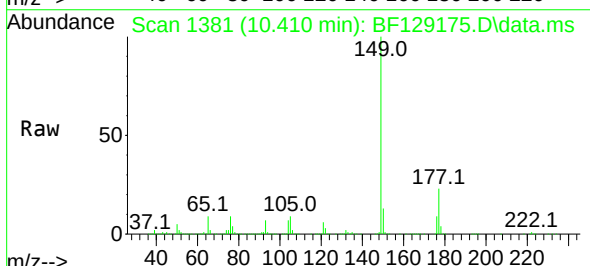
Manual Integrations  
APPROVED

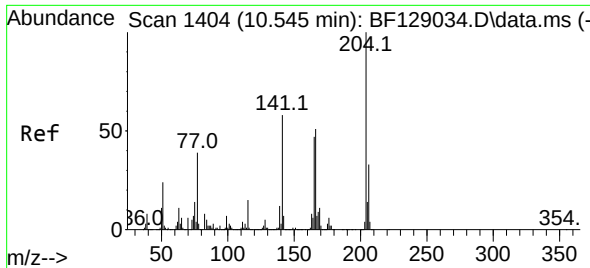
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#60  
Diethylphthalate  
Concen: 40.473 ng  
RT: 10.410 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

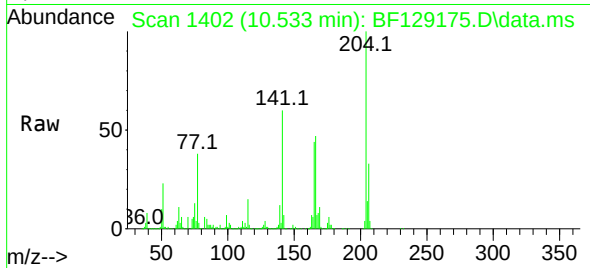
Tgt Ion:149 Resp: 1558173  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.3 25.9  
150 13.0 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 37.159 ng  
RT: 10.533 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

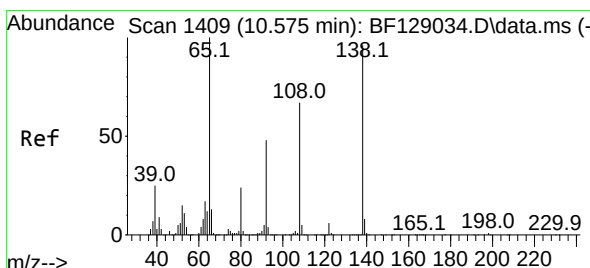
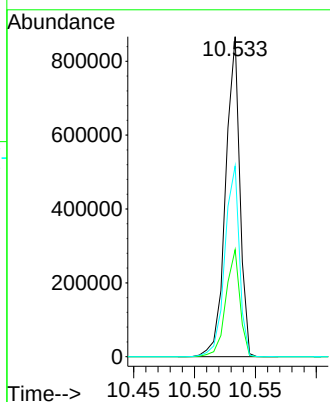
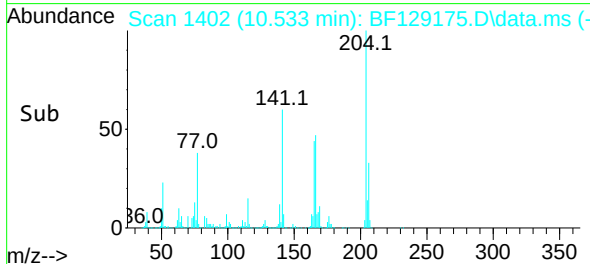
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



Tgt Ion:204 Resp: 703749  
Ion Ratio Lower Upper  
204 100  
206 33.5 25.8 38.6  
141 59.6 47.0 70.4

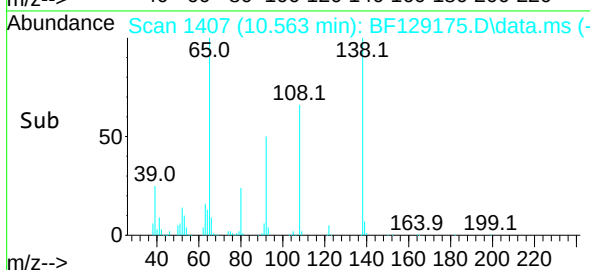
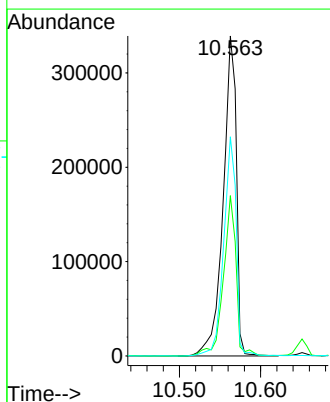
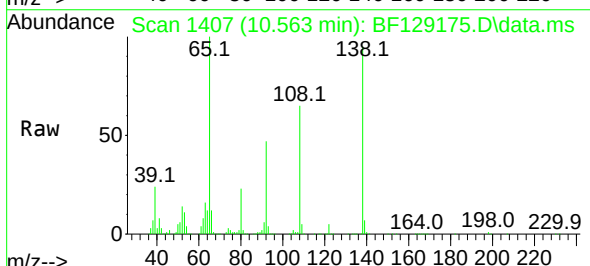
Manual Integrations  
APPROVED

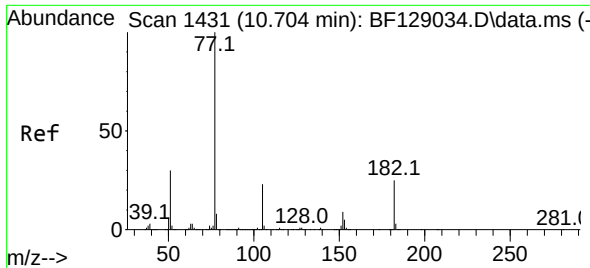
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#62  
4-Nitroaniline  
Concen: 41.480 ng  
RT: 10.563 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

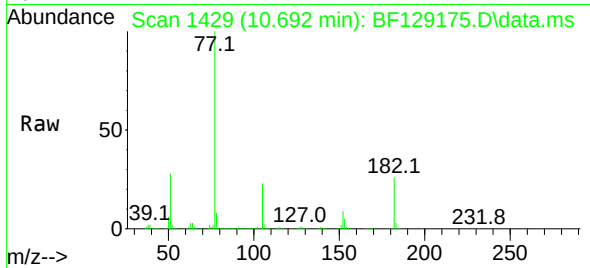
Tgt Ion:138 Resp: 385108  
Ion Ratio Lower Upper  
138 100  
92 50.1 33.5 73.5  
108 68.5 61.0 101.0





#63  
Azobenzene  
Concen: 39.772 ng  
RT: 10.692 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

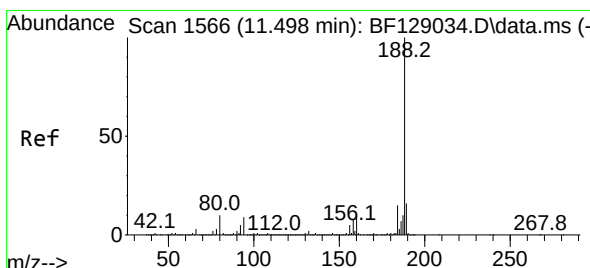
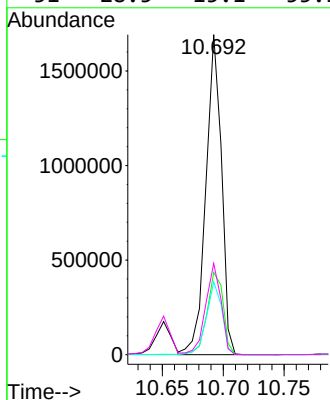
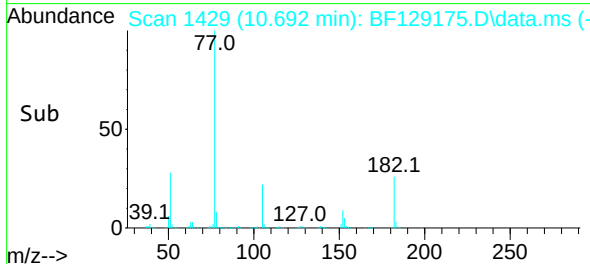
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



Tgt Ion: 77 Resp: 1500190  
Ion Ratio Lower Upper  
77 100  
182 25.7 5.6 45.6  
105 22.8 1.6 41.6  
51 28.5 15.1 55.1

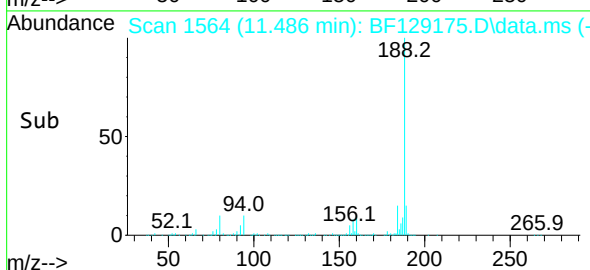
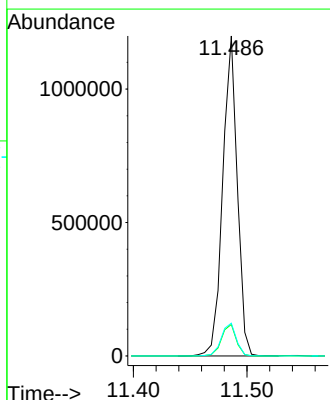
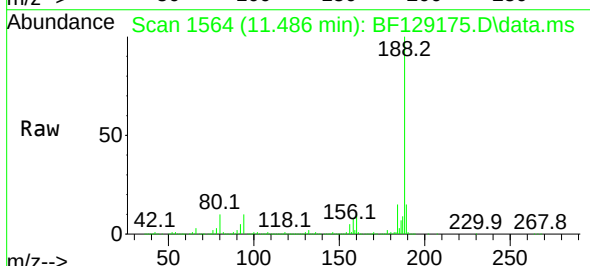
Manual Integrations  
APPROVED

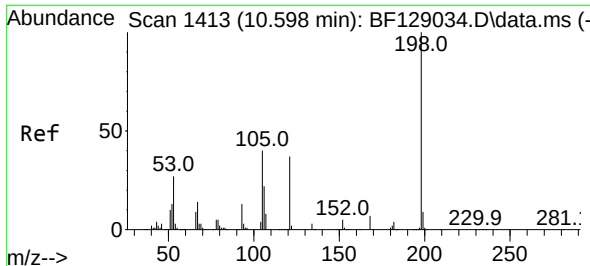
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.486 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

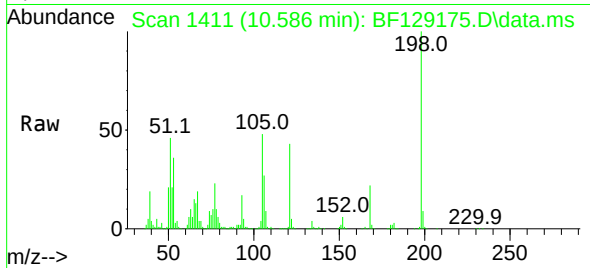
Tgt Ion:188 Resp: 1068964  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.0 10.6  
80 10.2 7.6 11.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.208 ng  
RT: 10.586 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

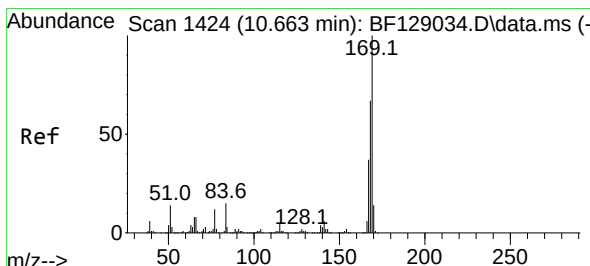
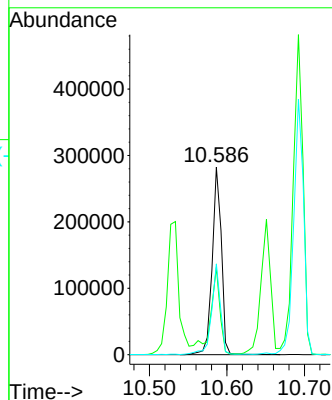
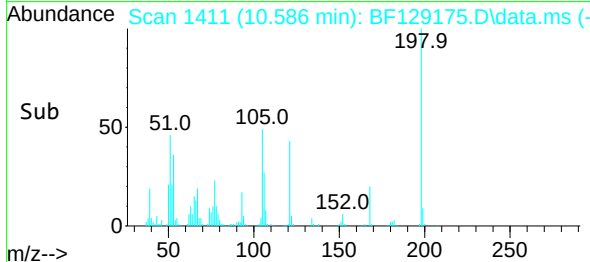
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



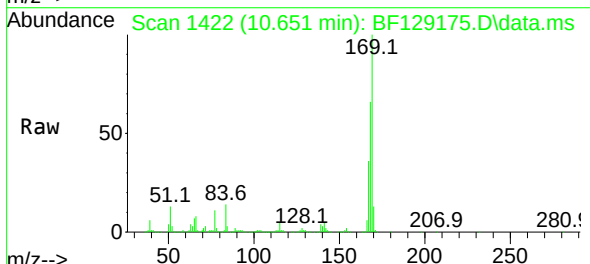
Tgt Ion:198 Resp: 232710  
Ion Ratio Lower Upper  
198 100  
51 46.4 37.6 77.6  
105 48.4 27.0 67.0

Manual Integrations  
APPROVED

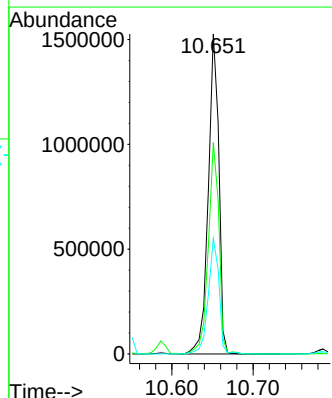
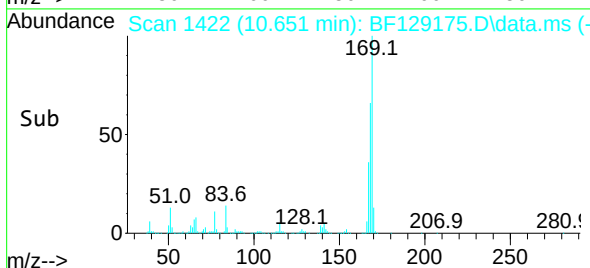
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

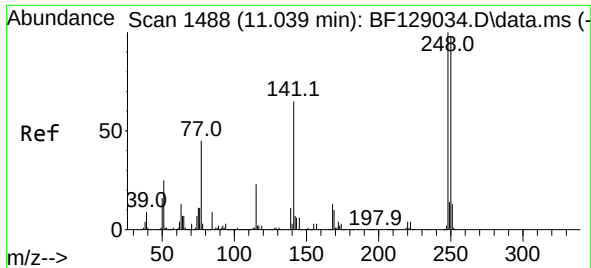


#66  
n-Nitrosodiphenylamine  
Concen: 42.300 ng  
RT: 10.651 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



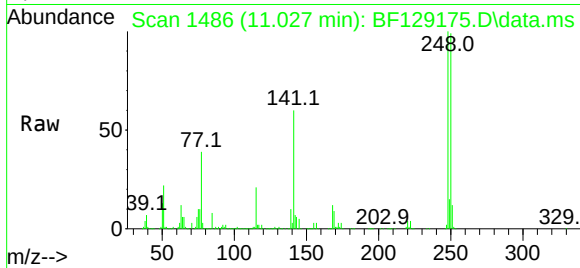
Tgt Ion:169 Resp: 1373260  
Ion Ratio Lower Upper  
169 100  
168 66.1 50.1 75.1  
167 36.0 27.9 41.9





#67  
4-Bromophenyl-phenylether  
Concen: 41.399 ng  
RT: 11.027 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

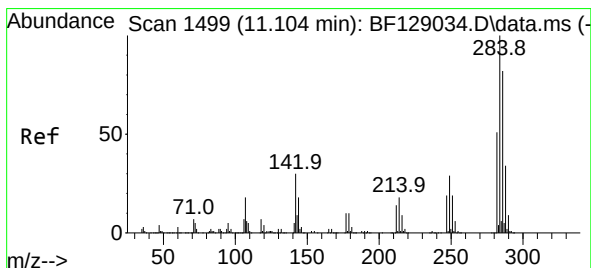
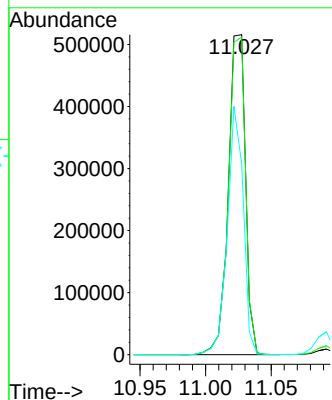
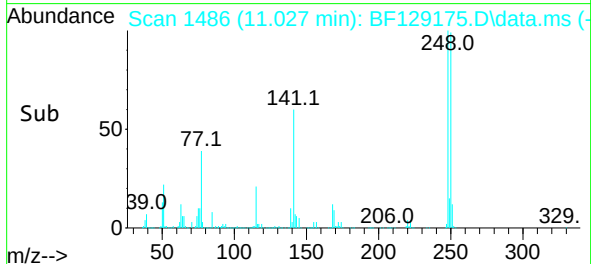
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



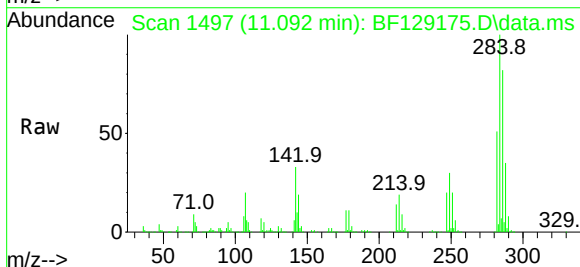
Tgt Ion:248 Resp: 470749  
Ion Ratio Lower Upper  
248 100  
250 99.2 80.6 120.8  
141 59.7 58.9 88.3

Manual Integrations  
APPROVED

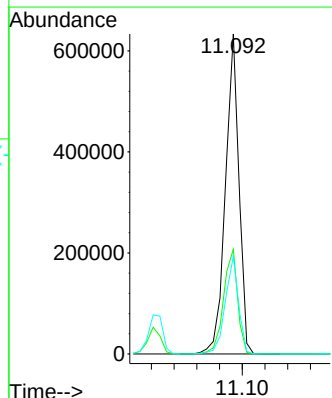
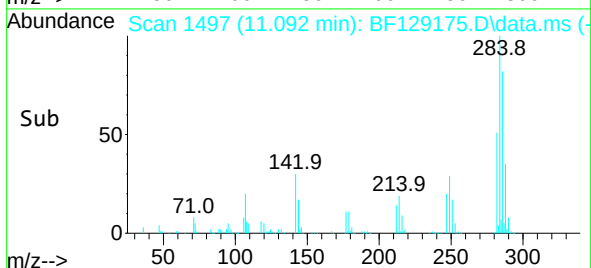
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

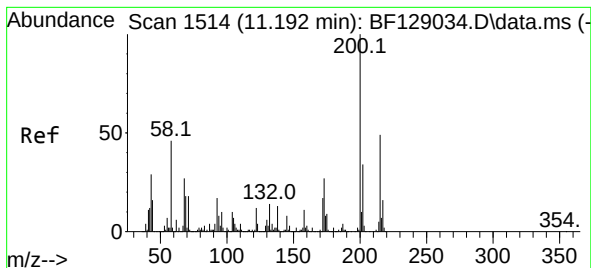


#68  
Hexachlorobenzene  
Concen: 41.412 ng  
RT: 11.092 min Scan# 1497  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:284 Resp: 524351  
Ion Ratio Lower Upper  
284 100  
142 32.7 29.0 43.4  
249 30.4 25.0 37.6





#69

Atrazine

Concen: 46.896 ng

RT: 11.180 min Scan# 111

Delta R.T. 0.006 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

Tgt Ion:200 Resp: 42841

Ion Ratio Lower Upper

200 100

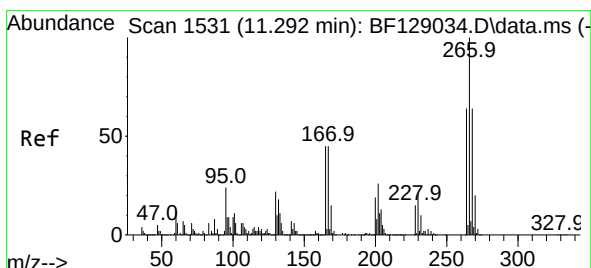
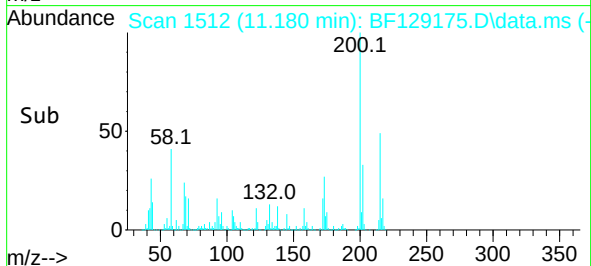
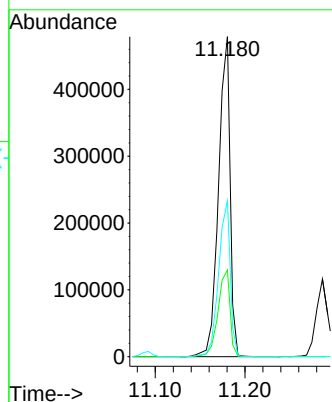
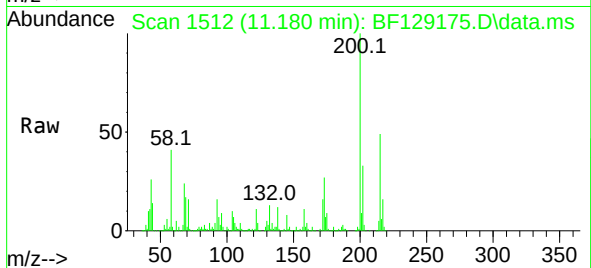
173 27.1 6.3 46.3

215 48.7 28.3 68.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#70

Pentachlorophenol

Concen: 81.593 ng

RT: 11.286 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

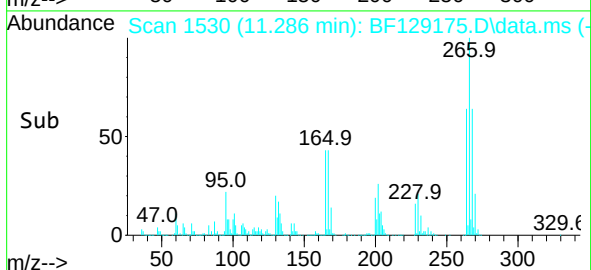
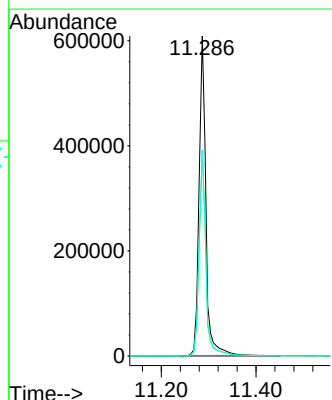
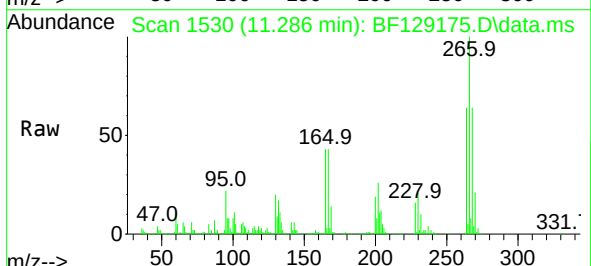
Tgt Ion:266 Resp: 615337

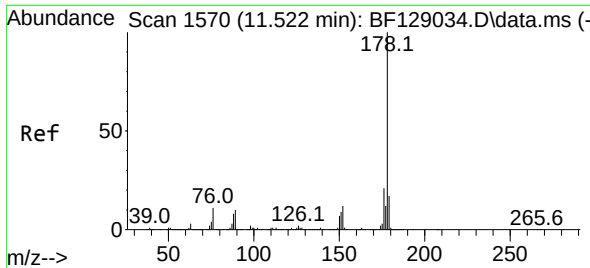
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.4

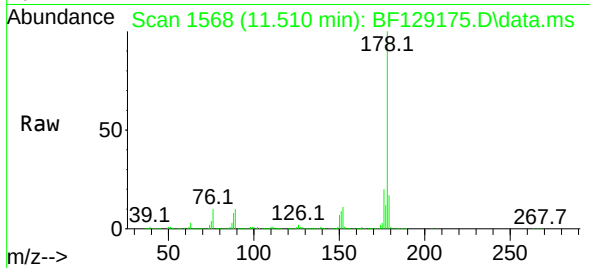
264 64.3 49.4 74.2





#71  
Phenanthrene  
Concen: 42.362 ng  
RT: 11.510 min Scan# 11568  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

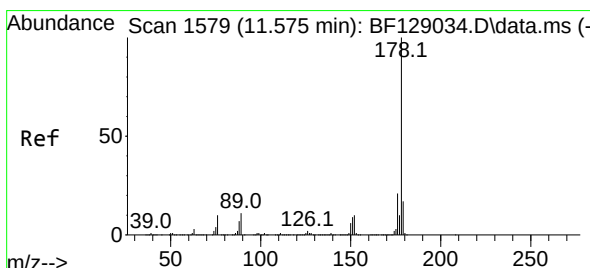
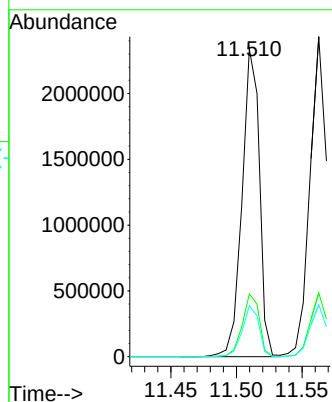
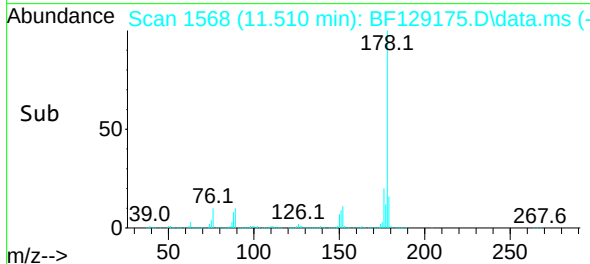
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



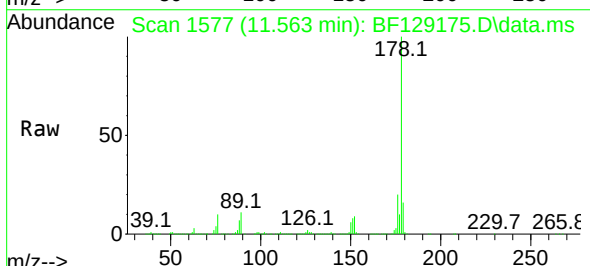
Tgt Ion:178 Resp: 2163630  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.0 24.0  
179 16.5 12.6 19.0

Manual Integrations  
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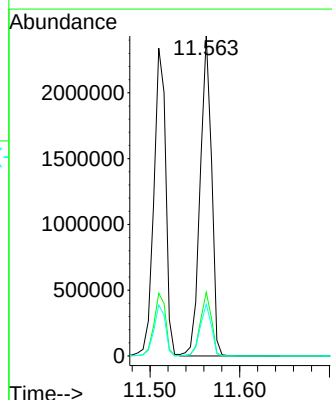
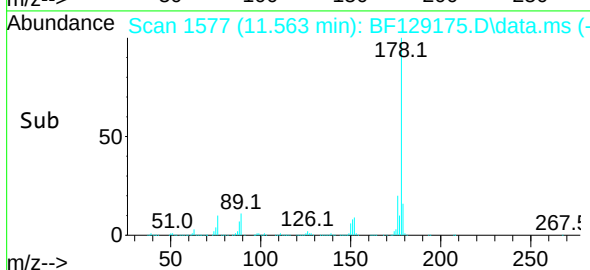
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

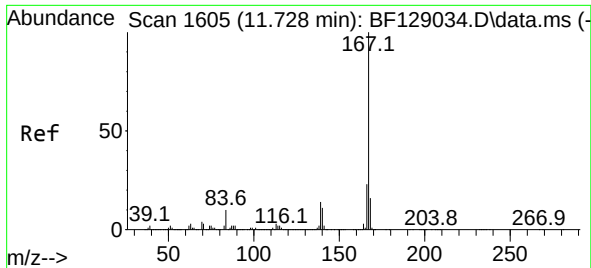


#72  
Anthracene  
Concen: 42.547 ng  
RT: 11.563 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



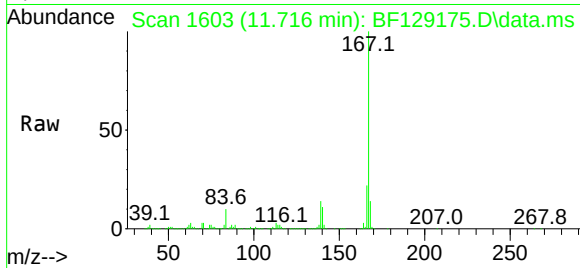
Tgt Ion:178 Resp: 2142497  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.4 23.2  
179 16.2 12.6 19.0





#73  
 Carbazole  
 Concen: 41.015 ng  
 RT: 11.716 min Scan# 1603  
 Delta R.T. 0.000 min  
 Lab File: BF129175.D  
 Acq: 08 Jul 2022 14:51

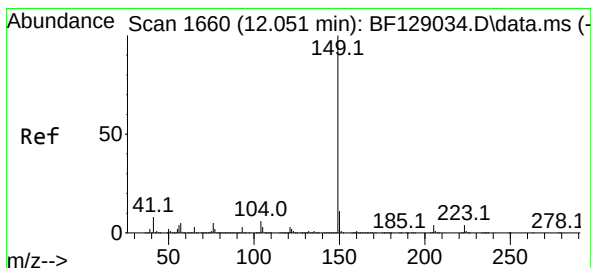
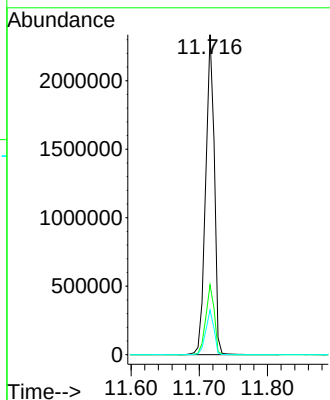
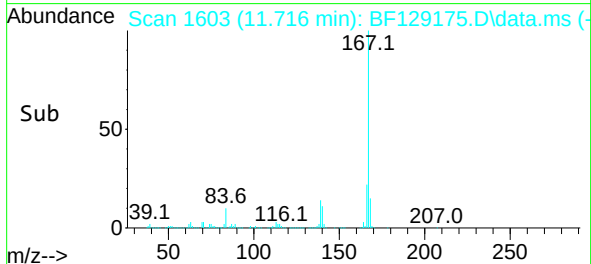
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146101BS



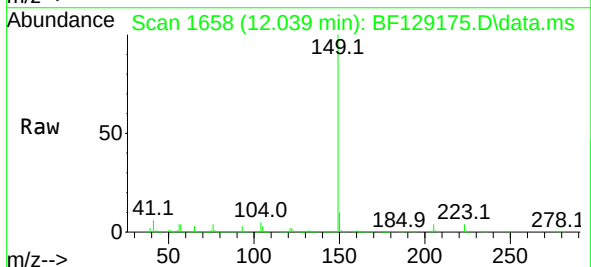
Tgt Ion:167 Resp: 206954  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.7 26.5  
 139 13.9 11.2 16.8

Manual Integrations  
 APPROVED

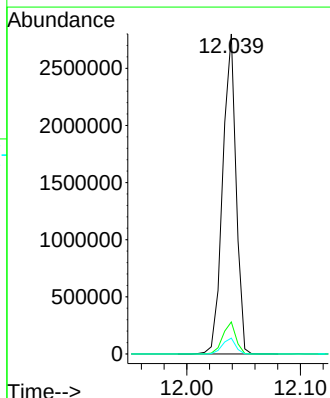
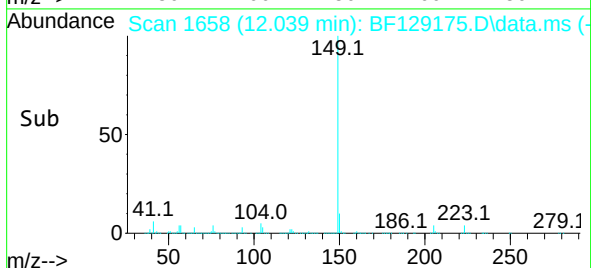
Reviewed By :Jagrut Upadhyay 07/11/2022  
 Supervised By :mohammad ahmed 07/11/2022



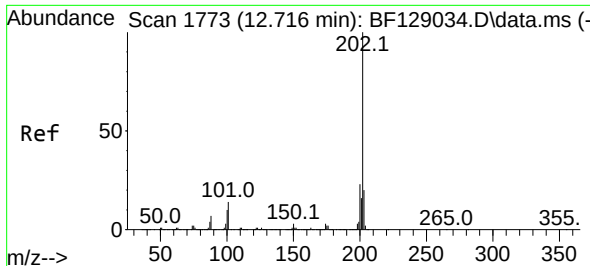
#74  
 Di-n-butylphthalate  
 Concen: 43.177 ng  
 RT: 12.039 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: BF129175.D  
 Acq: 08 Jul 2022 14:51



Tgt Ion:149 Resp: 2297106  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.5 11.3  
 104 5.0 4.4 6.6

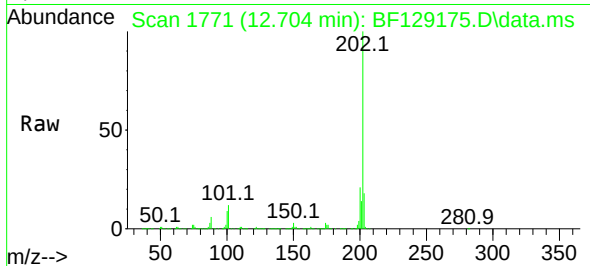






#75  
Fluoranthene  
Concen: 32.844 ng  
RT: 12.704 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

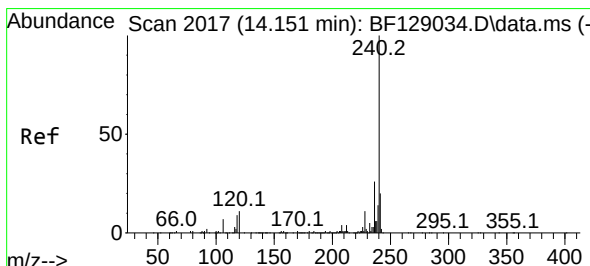
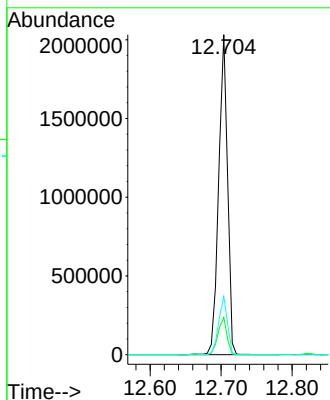
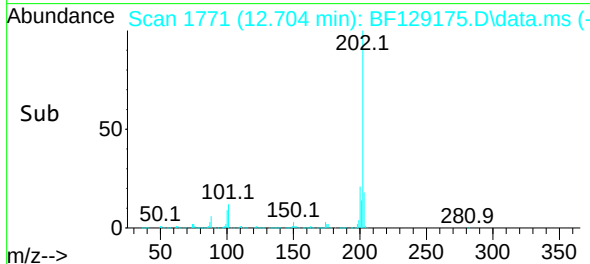
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



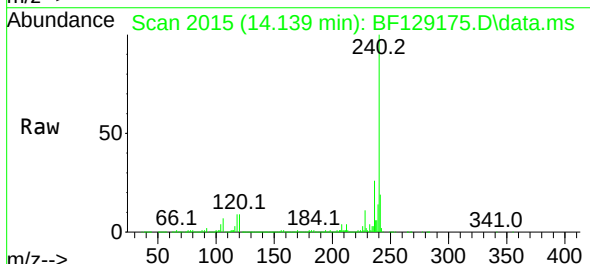
Tgt Ion:202 Resp: 1754374  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 31.4  
203 18.2 0.0 38.0

Manual Integrations  
APPROVED

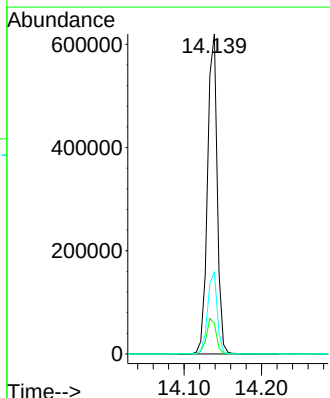
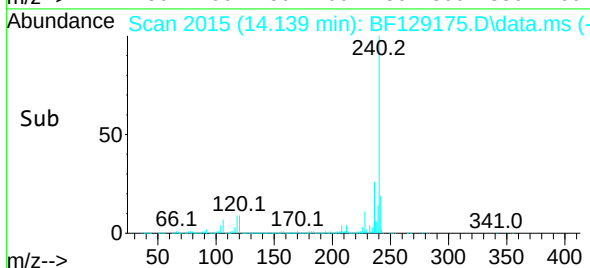
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

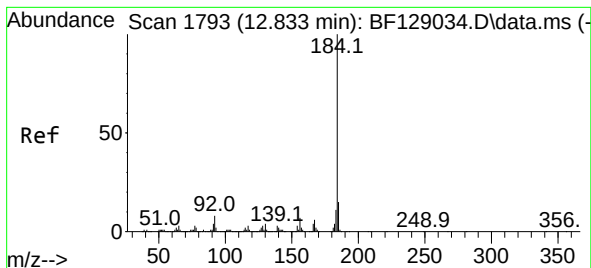


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.139 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:240 Resp: 538843  
Ion Ratio Lower Upper  
240 100  
120 9.5 8.9 13.3  
236 25.6 20.8 31.2





#77

Benzidine

Concen: 110.163 ng

RT: 12.821 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

Tgt Ion:184 Resp: 105699

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

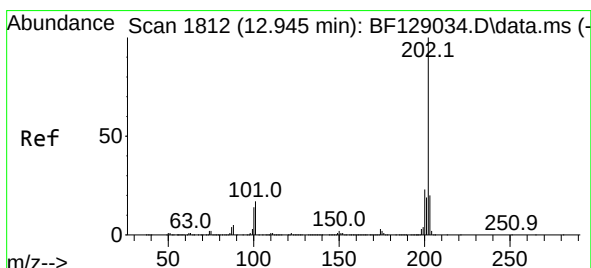
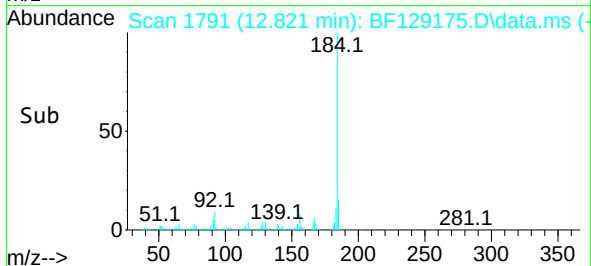
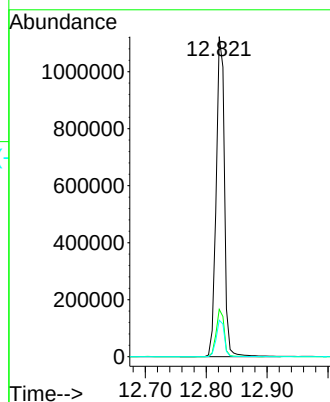
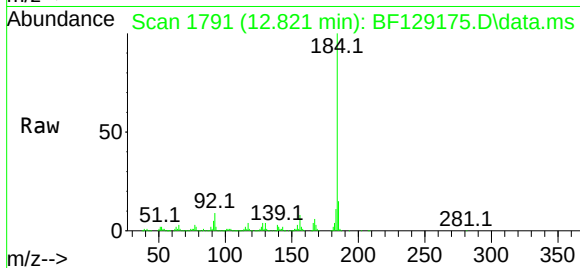
183 11.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022

Supervised By :mohammad ahmed 07/11/2022



#78

Pyrene

Concen: 47.263 ng

RT: 12.933 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

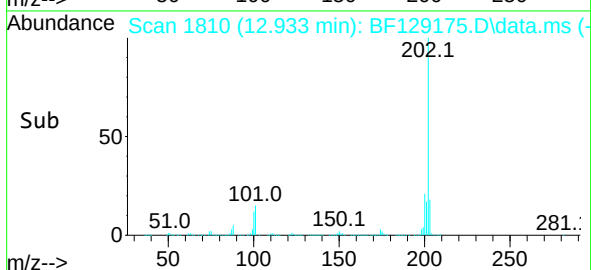
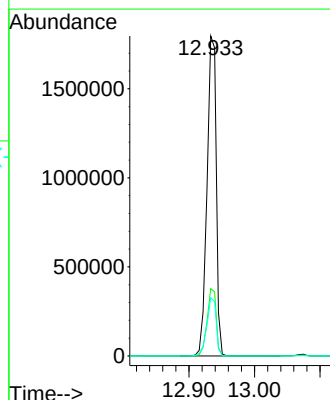
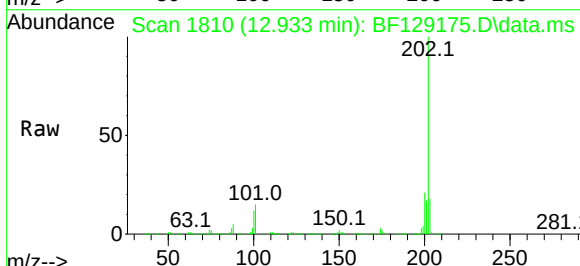
Tgt Ion:202 Resp: 1765277

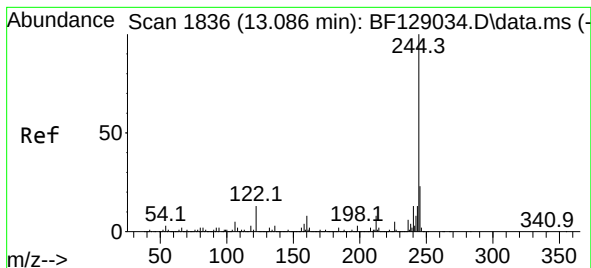
Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 93.348 ng

RT: 13.074 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BF129175.D

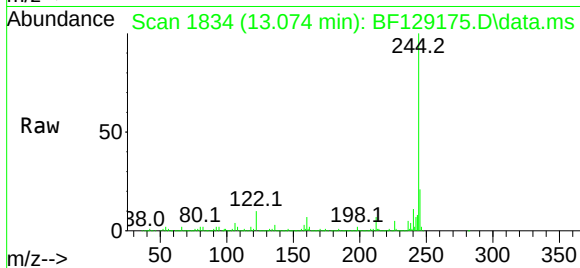
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS



Tgt Ion:244 Resp: 2422199

Ion Ratio Lower Upper

244 100

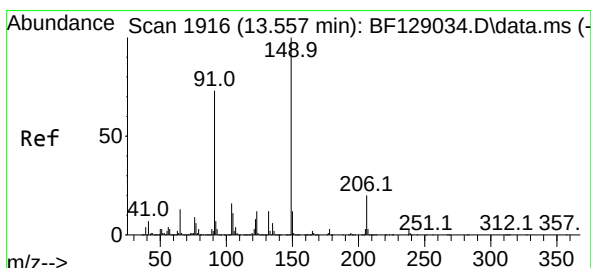
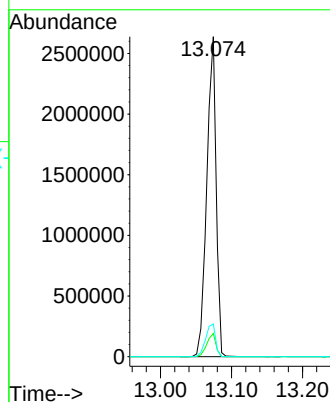
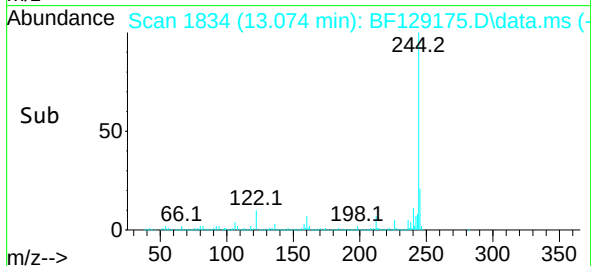
212 7.3 6.1 9.1

122 10.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#80

Butylbenzylphthalate

Concen: 46.035 ng

RT: 13.545 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

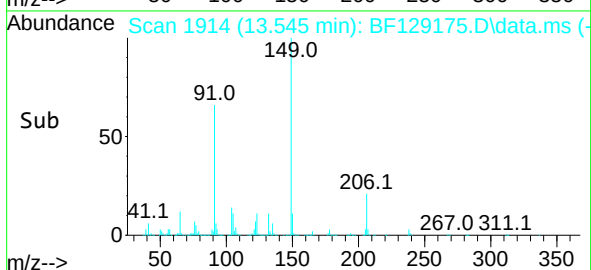
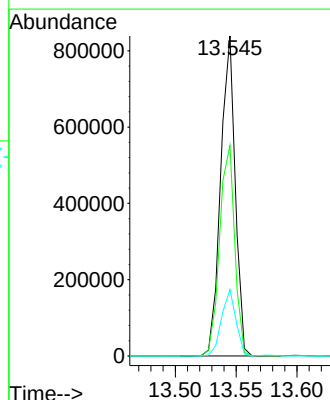
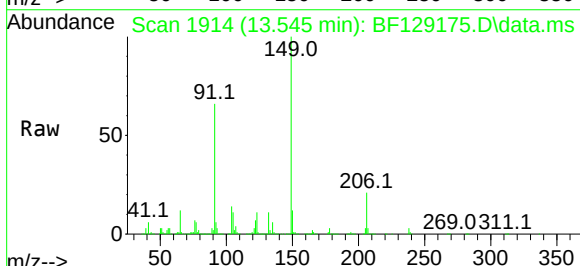
Tgt Ion:149 Resp: 700469

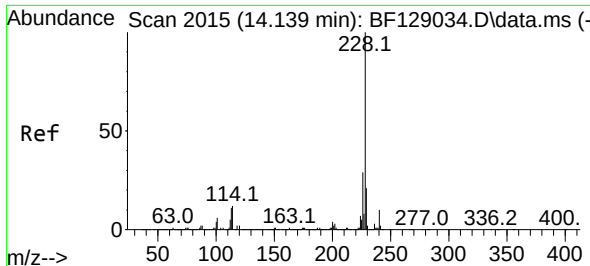
Ion Ratio Lower Upper

149 100

91 65.7 61.2 91.8

206 20.8 15.7 23.5





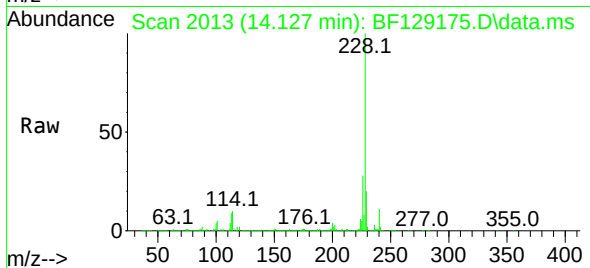
#81  
Benzo(a)anthracene  
Concen: 42.920 ng  
RT: 14.127 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

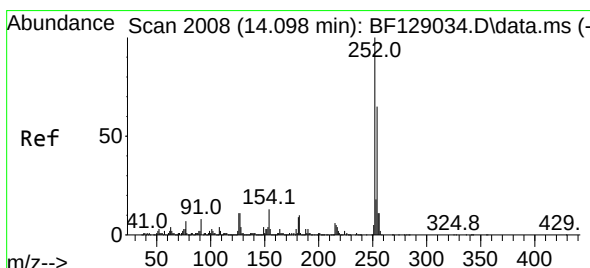
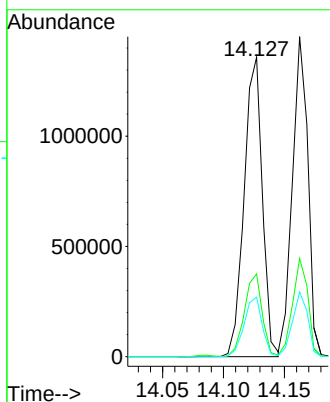
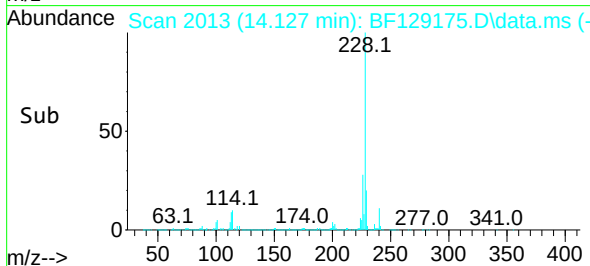


Tgt Ion:228 Resp: 141210  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.1 33.1  
229 19.9 15.8 23.8

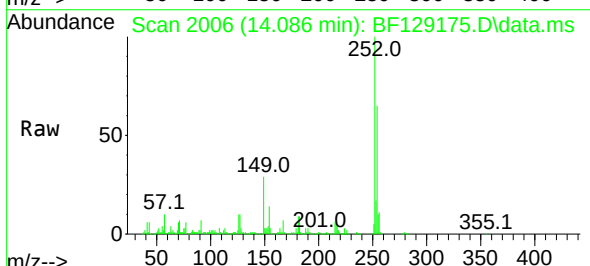
Manual Integrations

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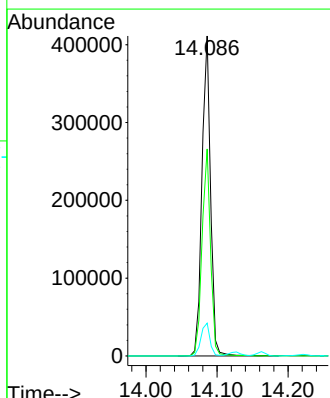
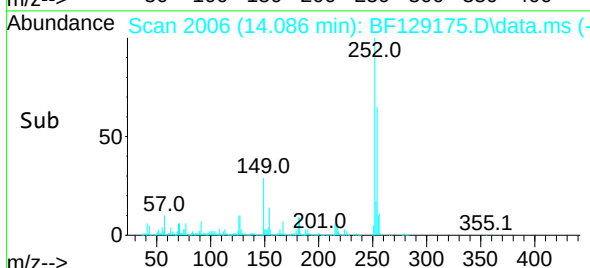
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022

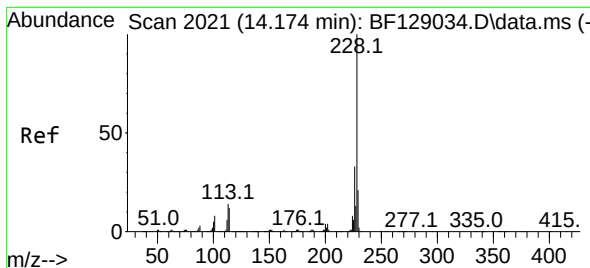


#82  
3,3'-Dichlorobenzidine  
Concen: 48.809 ng  
RT: 14.086 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:252 Resp: 346987  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.2 75.4  
126 10.2 8.2 12.4





#83

Chrysene

Concen: 42.045 ng

RT: 14.163 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS

Tgt Ion:228 Resp: 1284200

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

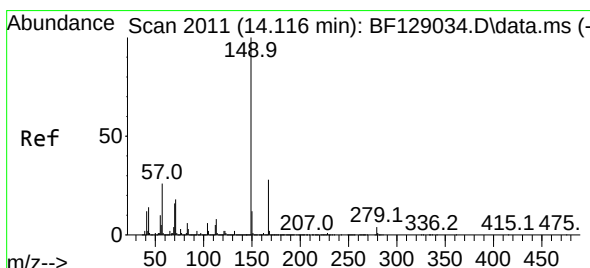
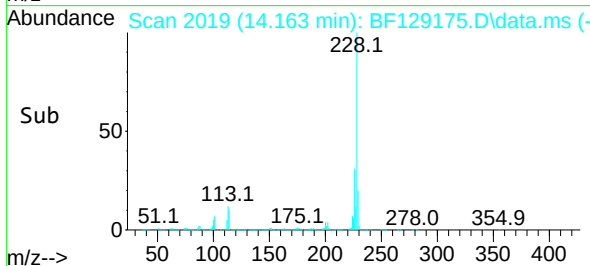
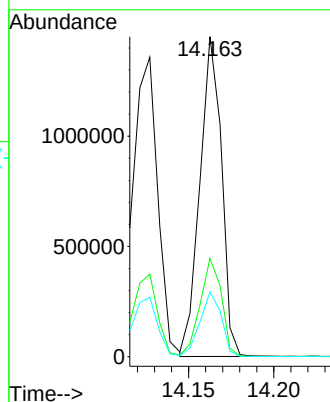
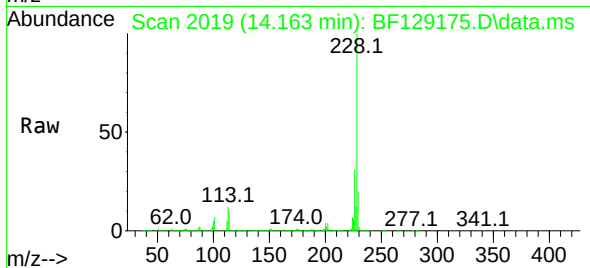
229 20.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022

Supervised By :mohammad ahmed 07/11/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.920 ng

RT: 14.098 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

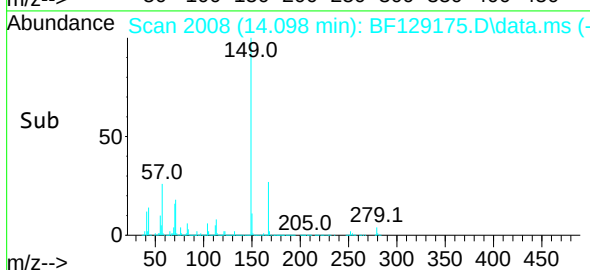
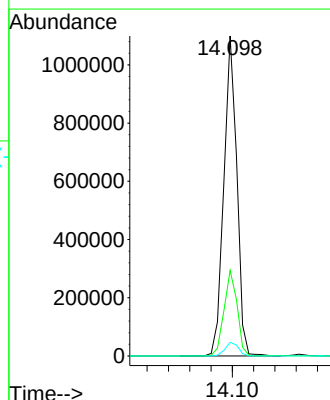
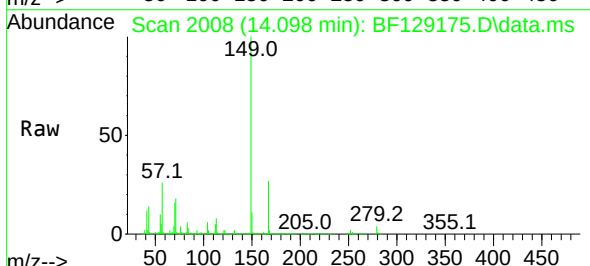
Tgt Ion:149 Resp: 928598

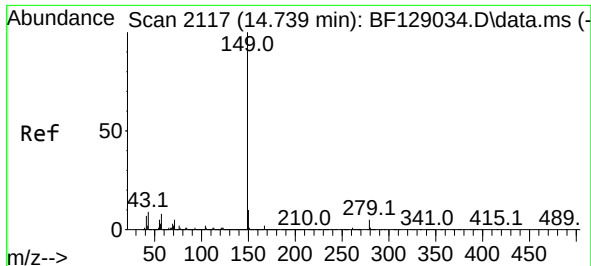
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

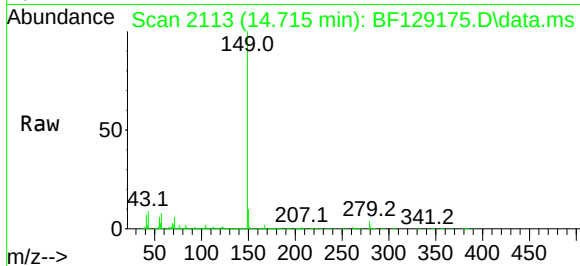
279 4.3 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 44.273 ng  
RT: 14.715 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

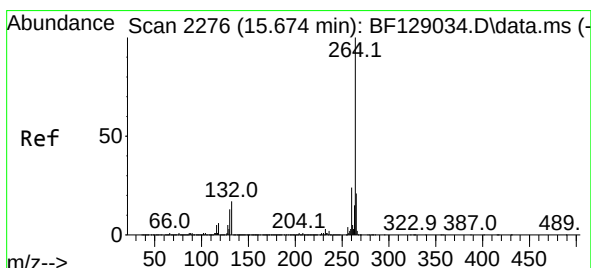
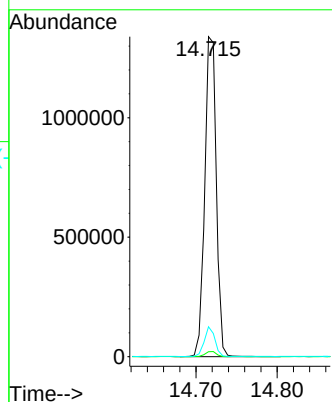
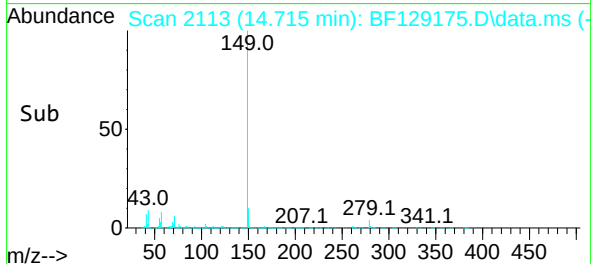
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



Tgt Ion:149 Resp: 1321619  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 8.5 9.2 13.8

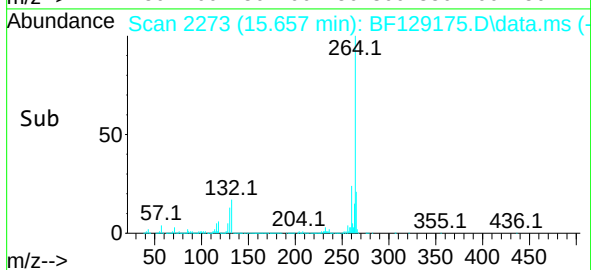
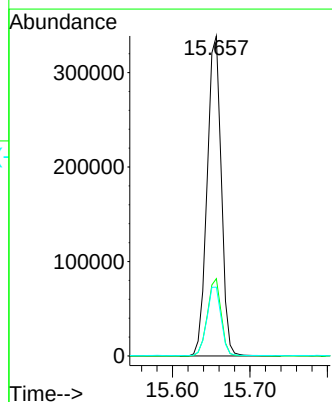
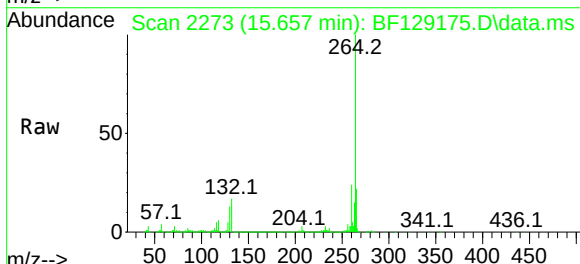
Manual Integrations  
APPROVED

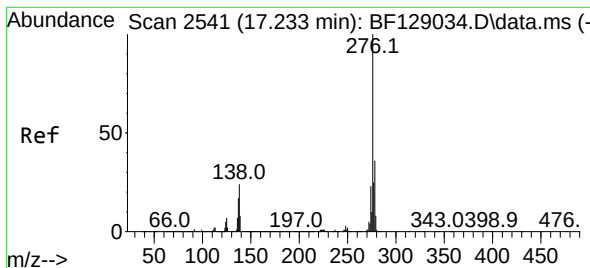
Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.657 min Scan# 2273  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

Tgt Ion:264 Resp: 428347  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.4 27.6  
265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.294 ng

RT: 17.209 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF129175.D

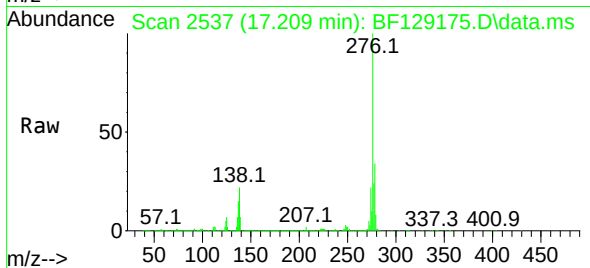
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS



Tgt Ion:276 Resp: 116366

Ion Ratio Lower Upper

276 100

138 25.4 21.1 31.7

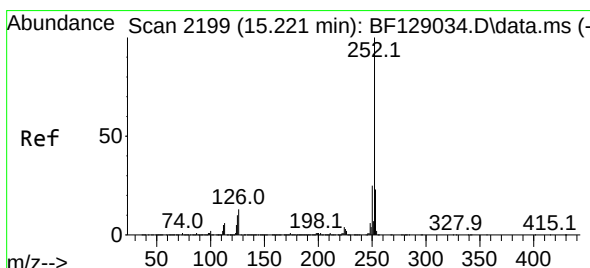
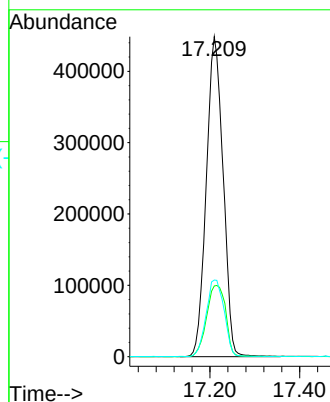
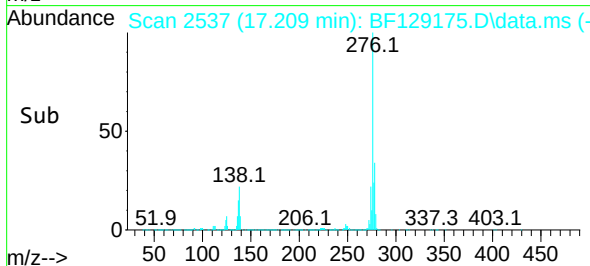
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022

Supervised By :mohammad ahmed 07/11/2022



#88

Benzo(b)fluoranthene

Concen: 44.040 ng

RT: 15.204 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

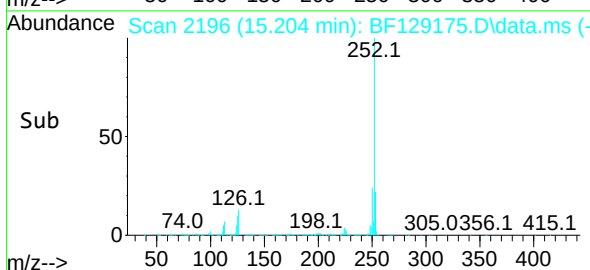
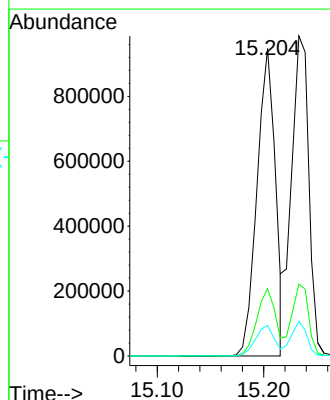
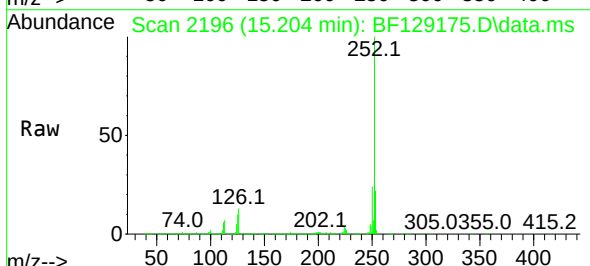
Tgt Ion:252 Resp: 1134503

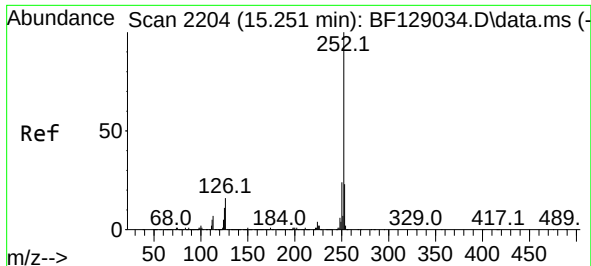
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 44.825 ng

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129175.D

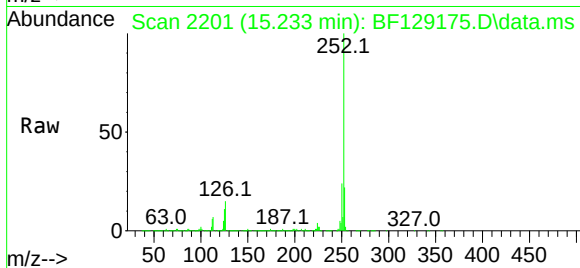
Acq: 08 Jul 2022 14:51

Instrument :

BNA\_F

ClientSampleId :

PB146101BS



Tgt Ion:252 Resp: 1120000

Ion Ratio Lower Upper

252 100

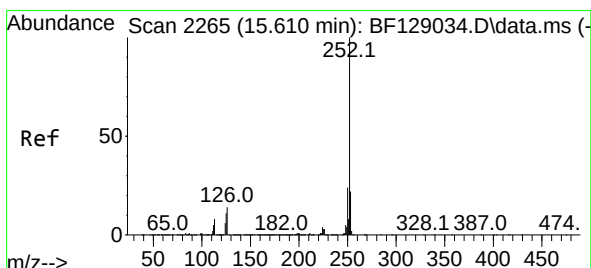
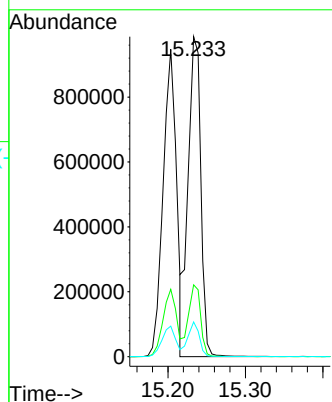
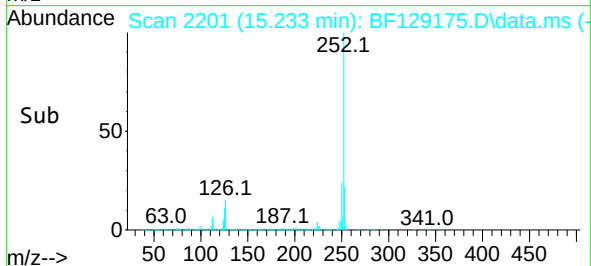
253 22.5 17.8 26.6

125 10.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#90

Benzo(a)pyrene

Concen: 46.157 ng

RT: 15.592 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF129175.D

Acq: 08 Jul 2022 14:51

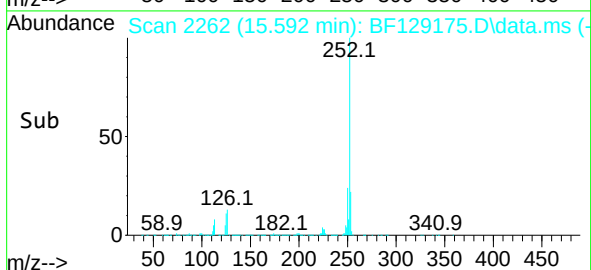
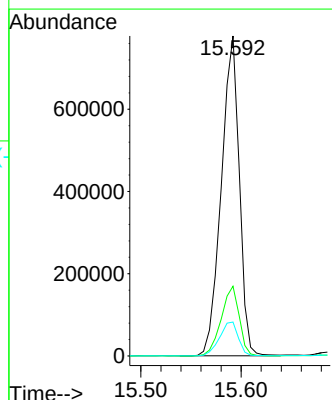
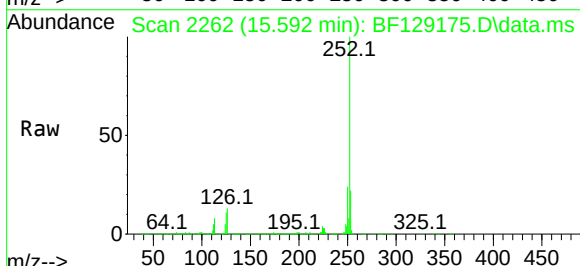
Tgt Ion:252 Resp: 969302

Ion Ratio Lower Upper

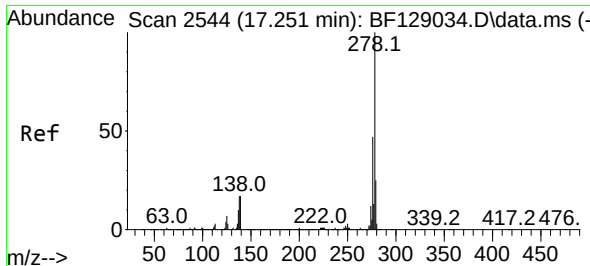
252 100

253 21.8 17.0 25.6

125 10.6 8.8 13.2

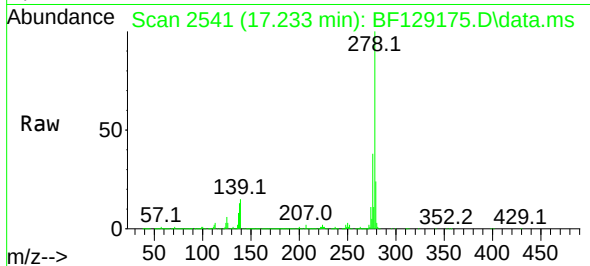






#91  
Dibenzo(a,h)anthracene  
Concen: 46.615 ng  
RT: 17.233 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51

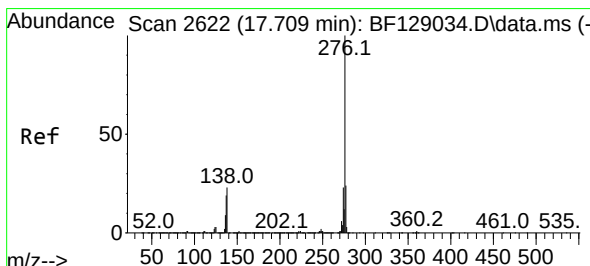
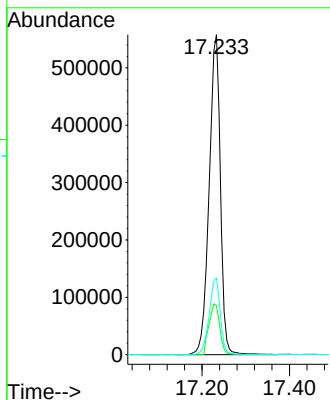
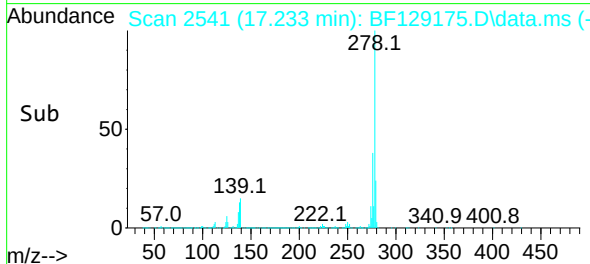
Instrument :  
BNA\_F  
ClientSampleId :  
PB146101BS



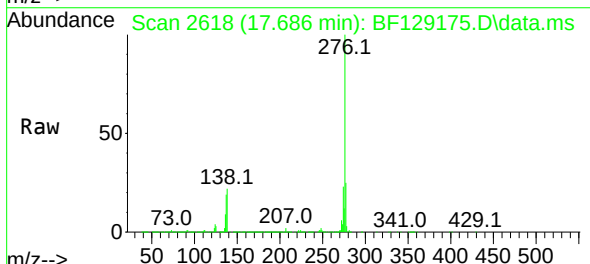
Tgt Ion:278 Resp: 99832  
Ion Ratio Lower Upper  
278 100  
139 15.4 12.8 19.2  
279 23.9 18.6 28.0

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022  
Supervised By :mohammad ahmed 07/11/2022



#92  
Benzo(g,h,i)perylene  
Concen: 47.006 ng  
RT: 17.686 min Scan# 2618  
Delta R.T. -0.006 min  
Lab File: BF129175.D  
Acq: 08 Jul 2022 14:51



Tgt Ion:276 Resp: 1009992  
Ion Ratio Lower Upper  
276 100  
277 24.5 19.1 28.7  
138 21.9 18.0 27.0

