

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
 Data File : BF128044.D  
 Acq On : 03 May 2022 14:26  
 Operator : CG\JU  
 Sample : N2663-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-25MS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022  
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 04:26:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 04:23:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 96857    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.204  | 136  | 390423   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.963  | 164  | 224873   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.457 | 188  | 404085   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.104 | 240  | 204377   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.610 | 264  | 224077   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.551  | 112  | 797276   | 131.110 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.551  | 99   | 1088060  | 137.895 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 783291   | 94.343  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.763 | 330  | 339180   | 149.833 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 1225947  | 92.229  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 1161138  | 103.887 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.799  | 88   | 118242   | 40.754  | ng    | 96       |
| 3) Pyridine                   | 3.569  | 79   | 326017   | 43.855  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.534  | 42   | 198231   | 55.088  | ng    | 95       |
| 6) Aniline                    | 6.581  | 93   | 462754   | 49.362  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.704  | 128  | 355154   | 56.271  | ng    | 98       |
| 9) Benzaldehyde               | 6.469  | 77   | 224738   | 46.040  | ng    | 94       |
| 10) Phenol                    | 6.569  | 94   | 457371m  | 57.472  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.657  | 93   | 357746   | 54.191  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.857  | 146  | 370934   | 51.058  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.934  | 146  | 373873   | 51.557  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.087  | 146  | 358819   | 53.450  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.063  | 79   | 369920   | 68.940  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.187  | 45   | 531836   | 52.711  | ng    | 99       |
| 17) 2-Methylphenol            | 7.169  | 107  | 303001   | 55.642  | ng    | 97       |
| 18) Hexachloroethane          | 7.428  | 117  | 145588   | 54.610  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.334  | 70   | 281422   | 58.264  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.322  | 107  | 359508   | 54.650  | ng    | 92       |
| 22) Acetophenone              | 7.334  | 105  | 501559   | 52.708  | ng    | 97       |
| 24) Nitrobenzene              | 7.504  | 77   | 438402   | 54.797  | ng    | 98       |
| 25) Isophorone                | 7.745  | 82   | 812849   | 58.169  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.816  | 139  | 192305   | 56.408  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.851  | 122  | 339852   | 60.017  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.945  | 93   | 460029   | 51.368  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.063  | 162  | 309952   | 52.248  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.139  | 180  | 334043   | 49.571  | ng    | 99       |
| 31) Naphthalene               | 8.228  | 128  | 1010596  | 50.822  | ng    | 100      |
| 32) Benzoic acid              | 7.992  | 122  | 221170   | 54.492  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.269  | 127  | 215899   | 27.441  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.334  | 225  | 220561   | 51.963  | ng    | 98       |
| 35) Caprolactam               | 8.663  | 113  | 104923m  | 54.792  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.757  | 107  | 352783   | 55.682  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.916  | 142  | 696236   | 52.979  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.016  | 142  | 664537   | 52.024  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.081  | 216  | 344733   | 52.011  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.063  | 237  | 389258   | 108.396 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.198  | 196  | 236689   | 54.271  | ng    | 99       |

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 QLast Update : Wed May 04 04:23:29 2022  
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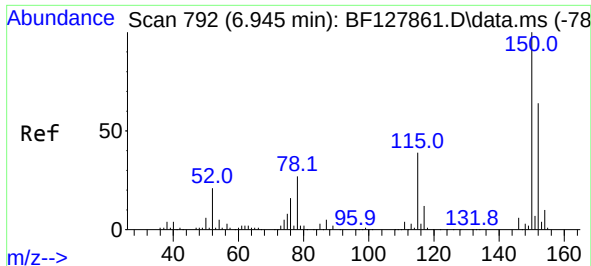
### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/04/2022  
 Supervised By : Jagrut Upadhyay 05/04/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.239  | 196  | 242604   | 51.171  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.380  | 154  | 871954   | 52.346  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.410  | 162  | 642005   | 50.628  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.510  | 65   | 244335   | 56.962  | ng    | 99       |
| 49) Acenaphthylene            | 9.828  | 152  | 1048828  | 54.071  | ng    | 100      |
| 50) Dimethylphthalate         | 9.686  | 163  | 801182   | 53.125  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.751  | 165  | 183792   | 56.287  | ng    | 97       |
| 52) Acenaphthene              | 9.998  | 154  | 752238m  | 57.683  | ng    |          |
| 53) 3-Nitroaniline            | 9.922  | 138  | 123658   | 34.104  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 10.033 | 184  | 190373   | 110.707 | ng    | # 84     |
| 55) Dibenzofuran              | 10.175 | 168  | 939889   | 49.955  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.092 | 139  | 254300   | 91.846  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.157 | 165  | 245045   | 56.656  | ng    | # 82     |
| 58) Fluorene                  | 10.516 | 166  | 749821   | 53.408  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.286 | 232  | 206173   | 51.713  | ng    | 98       |
| 60) Diethylphthalate          | 10.386 | 149  | 796856   | 53.884  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204  | 371071   | 53.188  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.545 | 138  | 174351   | 49.184  | ng    | 96       |
| 63) Azobenzene                | 10.669 | 77   | 853886   | 52.473  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 129894   | 54.099  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.627 | 169  | 660562   | 52.536  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.998 | 248  | 239907   | 53.556  | ng    | 93       |
| 68) Hexachlorobenzene         | 11.063 | 284  | 260522   | 55.200  | ng    | 97       |
| 69) Atrazine                  | 11.157 | 200  | 238959   | 61.461  | ng    | 98       |
| 70) Pentachlorophenol         | 11.257 | 266  | 258172   | 92.984  | ng    | 97       |
| 71) Phenanthrene              | 11.486 | 178  | 1072551  | 50.707  | ng    | 99       |
| 72) Anthracene                | 11.533 | 178  | 1089097  | 51.688  | ng    | 100      |
| 73) Carbazole                 | 11.692 | 167  | 920418   | 45.324  | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.010 | 149  | 1223898  | 53.598  | ng    | 99       |
| 75) Fluoranthene              | 12.674 | 202  | 983662   | 44.186  | ng    | 97       |
| 77) Benzidine                 | 12.792 | 184  | 419671   | 108.523 | ng    | 98       |
| 78) Pyrene                    | 12.904 | 202  | 962792   | 58.357  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.510 | 149  | 388543   | 60.085  | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.092 | 228  | 728401   | 53.471  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.051 | 252  | 177601   | 41.061  | ng    | 100      |
| 83) Chrysene                  | 14.133 | 228  | 665508   | 51.154  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 515186   | 60.076  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.686 | 149  | 794584   | 59.790  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.162 | 276  | 800093   | 53.494  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.168 | 252  | 739706   | 52.558  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.198 | 252  | 692536   | 48.841  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.551 | 252  | 725307   | 62.129  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.180 | 278  | 687793   | 57.339  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.633 | 276  | 664524   | 52.568  | ng    | 98       |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

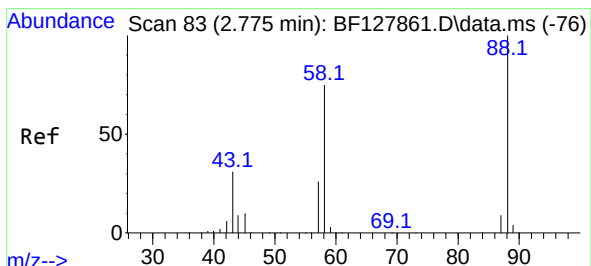
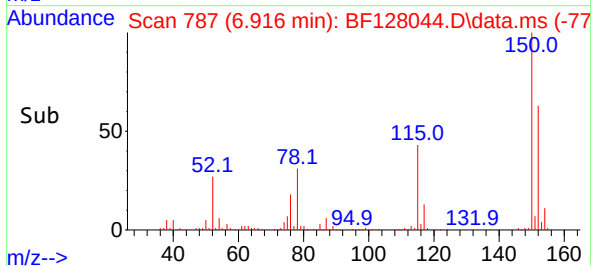
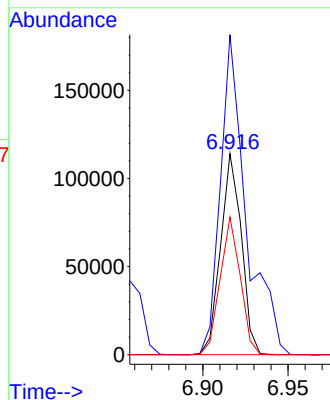
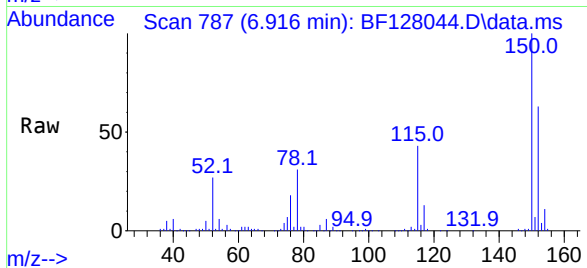
TP-25MS

Tgt Ion:152 Resp: 9685  
Ion Ratio Lower Upper  
152 100  
150 159.2 125.3 187.9  
115 68.5 48.8 73.2

Manual Integrations

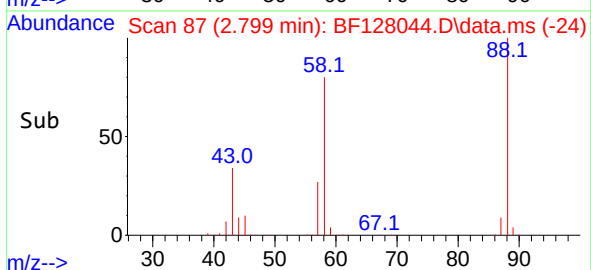
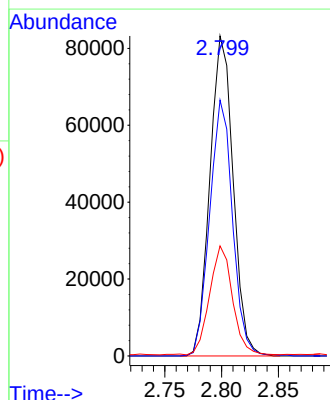
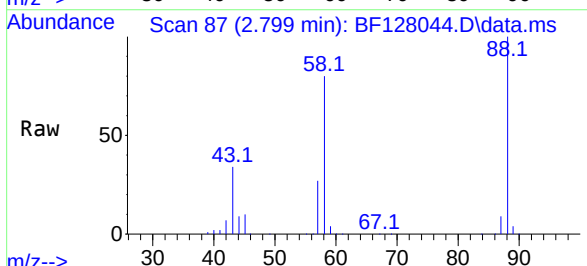
APPROVED

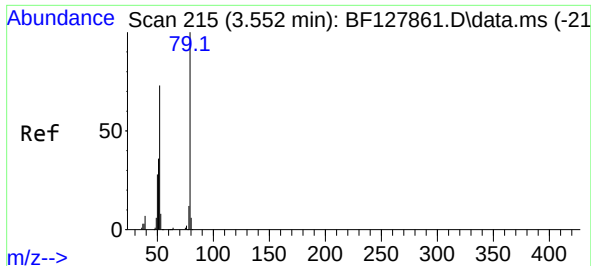
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#2  
1,4-Dioxane  
Concen: 40.754 ng  
RT: 2.799 min Scan# 87  
Delta R.T. 0.071 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

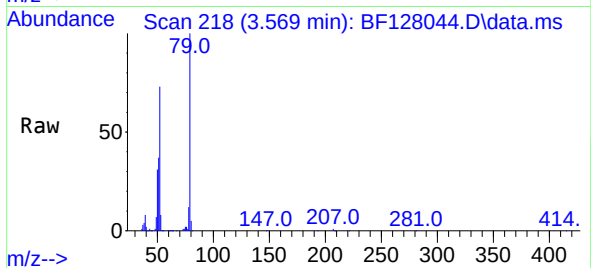
Tgt Ion: 88 Resp: 118242  
Ion Ratio Lower Upper  
88 100  
58 79.0 61.0 91.4  
43 33.6 24.9 37.3





#3  
Pyridine  
Concen: 43.855 ng  
RT: 3.569 min Scan# 21  
Delta R.T. 0.065 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

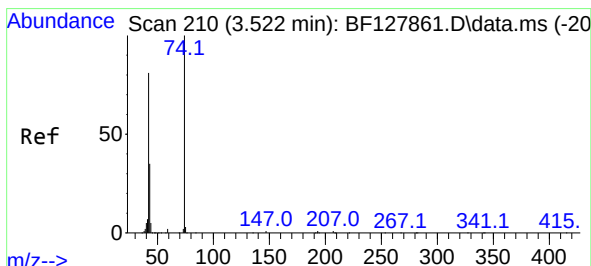
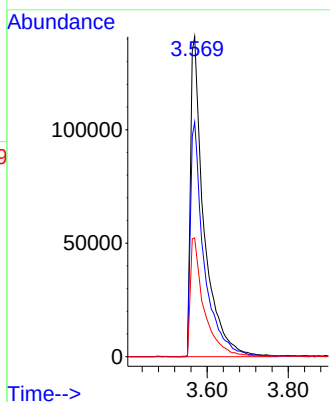
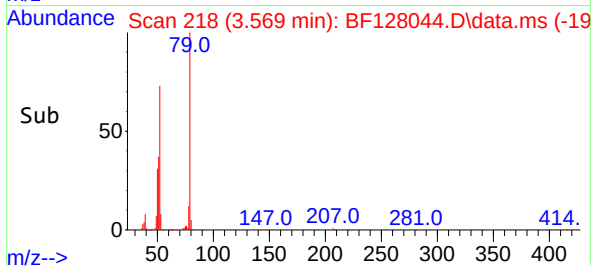
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



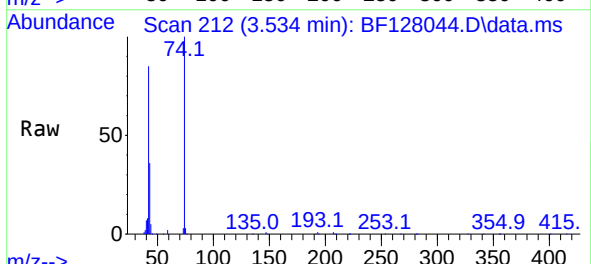
Tgt Ion: 79 Resp: 32601  
Ion Ratio Lower Upper  
79 100  
52 73.3 58.3 87.5  
51 37.1 28.6 42.8

Manual Integrations  
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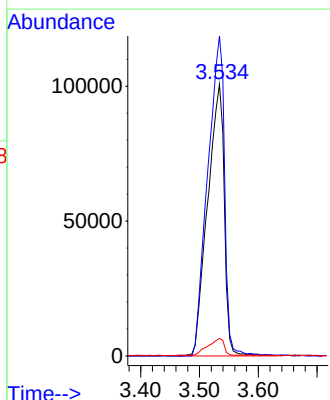
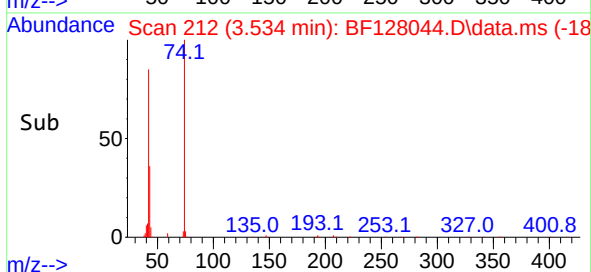
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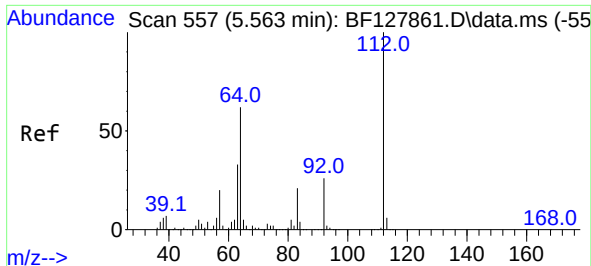


#4  
n-Nitrosodimethylamine  
Concen: 55.088 ng  
RT: 3.534 min Scan# 212  
Delta R.T. 0.059 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion: 42 Resp: 198231  
Ion Ratio Lower Upper  
42 100  
74 117.8 99.0 148.4  
44 6.5 5.2 7.8





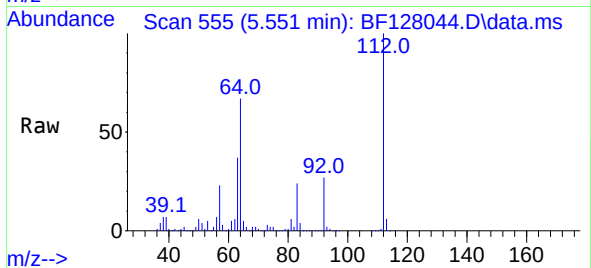
#5  
2-Fluorophenol  
Concen: 131.110 ng  
RT: 5.551 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

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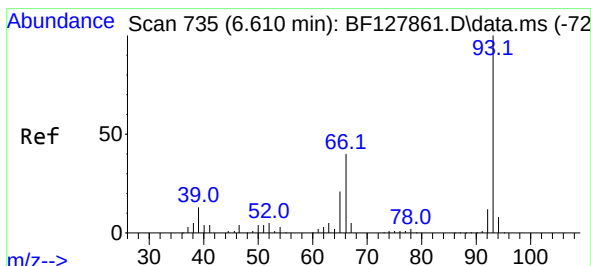
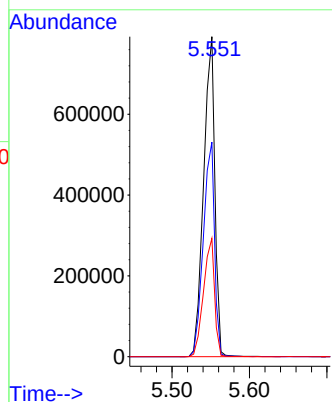
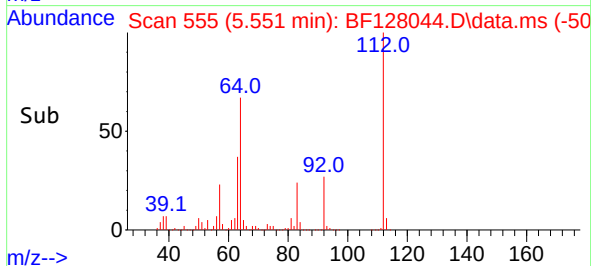


Tgt Ion:112 Resp: 797270  
Ion Ratio Lower Upper  
112 100  
64 67.0 49.5 74.3  
63 37.0 26.3 39.5

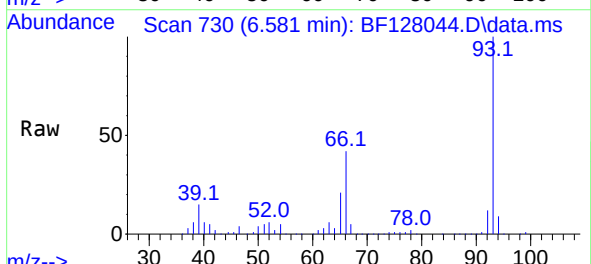
Manual Integrations

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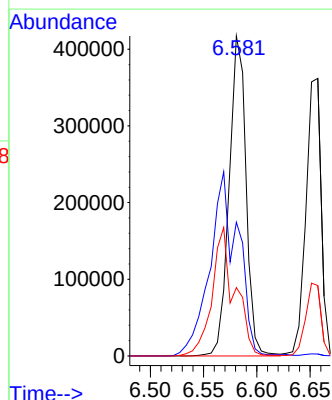
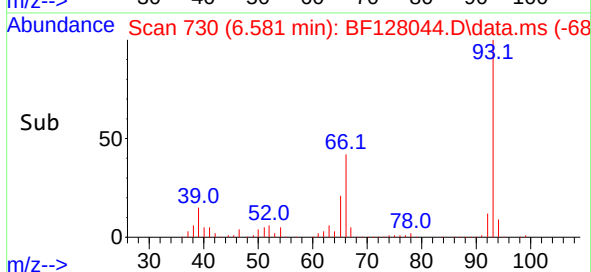
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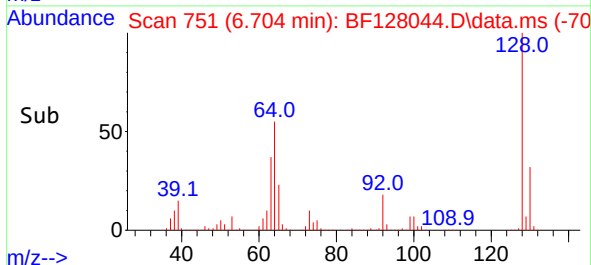
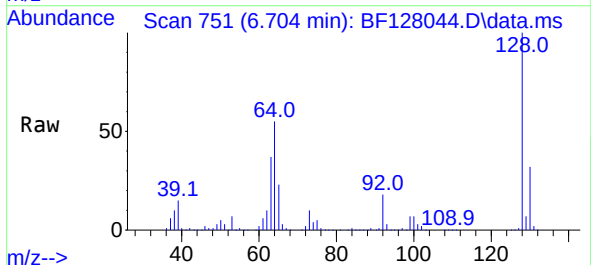
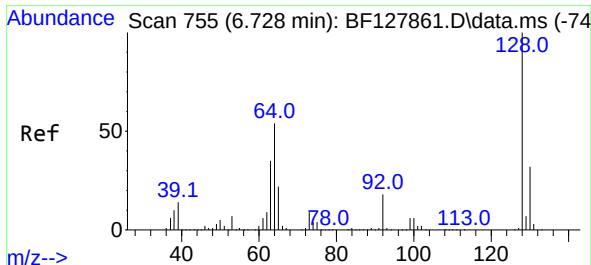
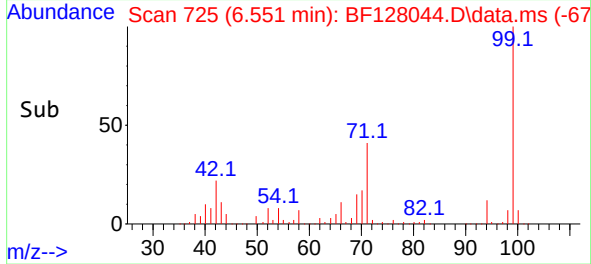
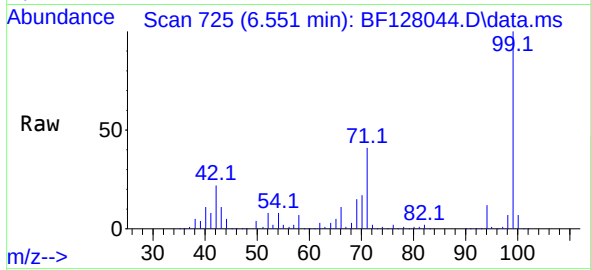
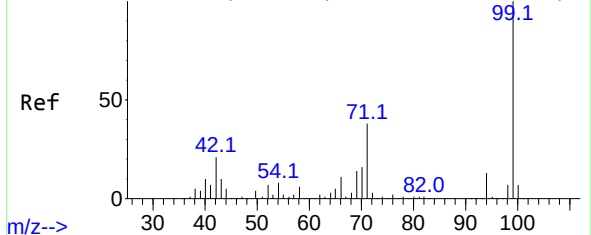
#6  
Aniline  
Concen: 49.362 ng  
RT: 6.581 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion: 93 Resp: 462754  
Ion Ratio Lower Upper  
93 100  
66 41.8 32.2 48.4  
65 21.3 16.7 25.1



Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



#7

Phenol-d6

Concen: 137.895 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

TP-25MS

Tgt Ion: 99 Resp: 1088060

Ion Ratio Lower Upper

99 100

42 22.4 16.6 24.8

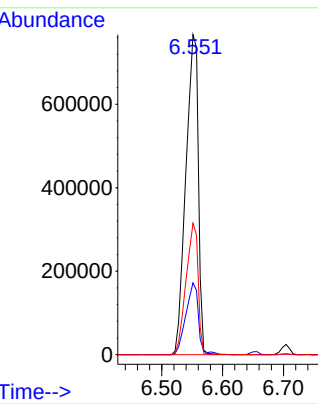
71 41.1 30.0 45.0

Manual Integrations

APPROVED

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#8

2-Chlorophenol

Concen: 56.271 ng

RT: 6.704 min Scan# 751

Delta R.T. -0.000 min

Lab File: BF128044.D

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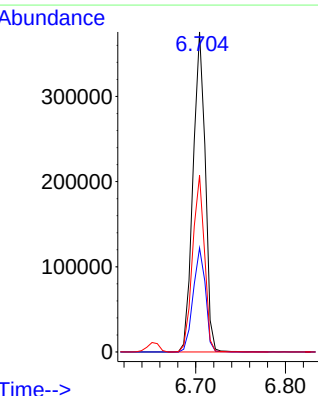
Tgt Ion:128 Resp: 355154

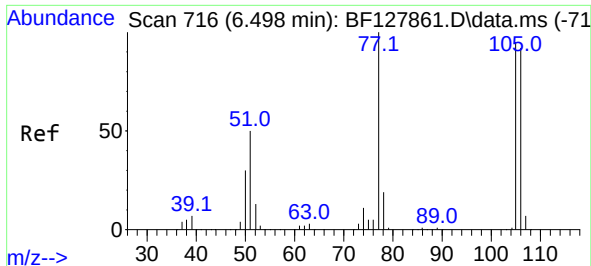
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 55.2 33.8 73.8





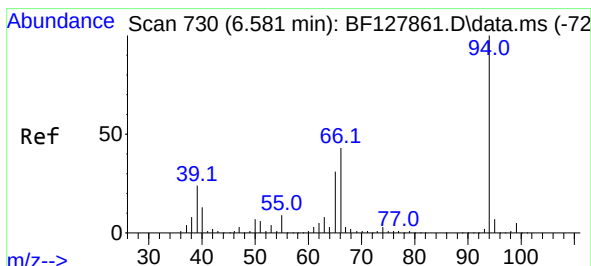
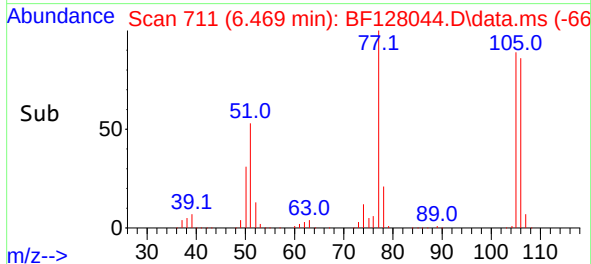
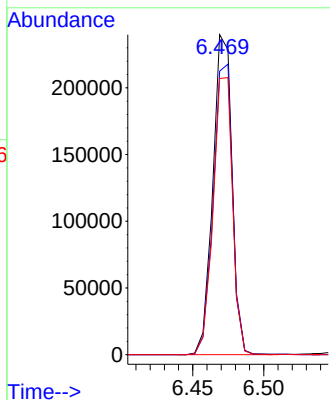
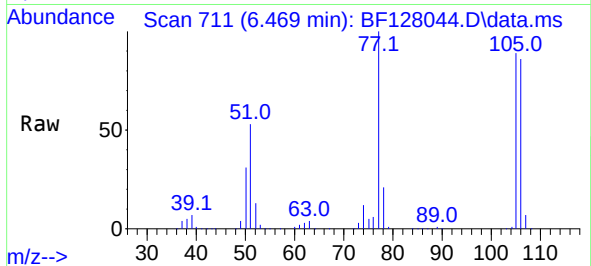
#9  
Benzaldehyde  
Concen: 46.040 ng  
RT: 6.469 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS

Tgt Ion: 77 Resp: 224738  
Ion Ratio Lower Upper  
77 100  
105 88.6 74.9 114.9  
106 86.3 72.2 112.2

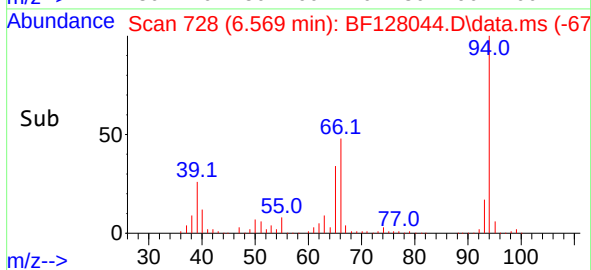
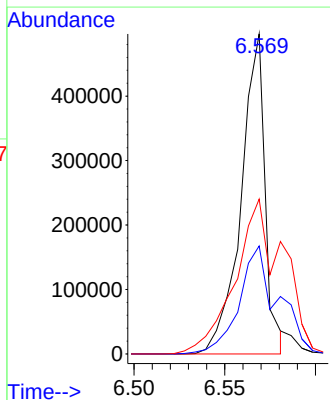
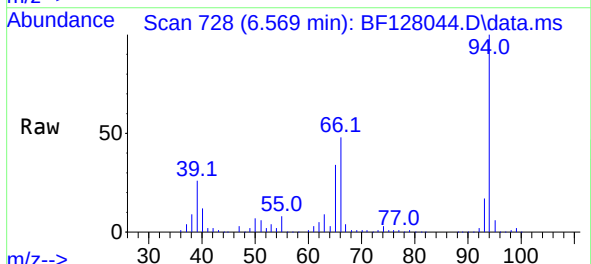
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

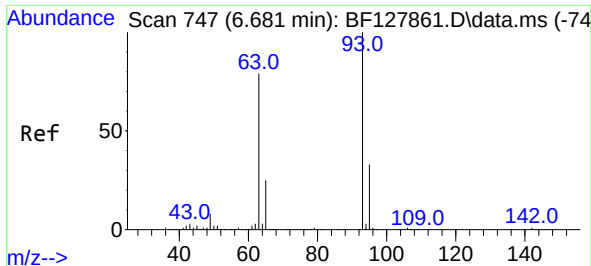


#10  
Phenol  
Concen: 57.472 ng m  
RT: 6.569 min Scan# 728  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion: 94 Resp: 457371  
Ion Ratio Lower Upper  
94 100  
65 33.8 10.6 50.6  
66 48.4 22.6 62.6







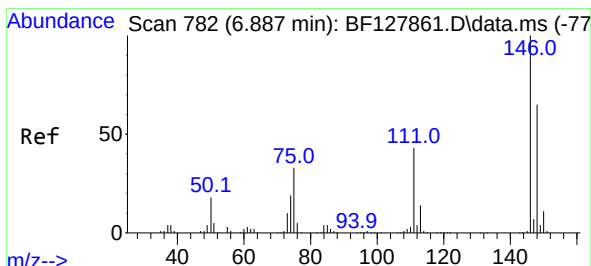
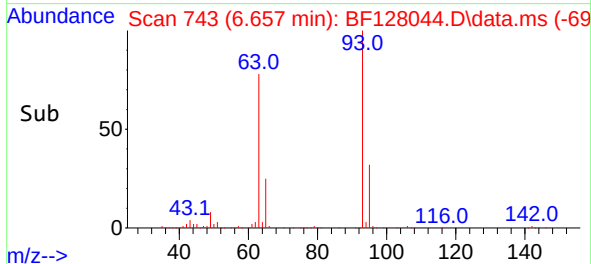
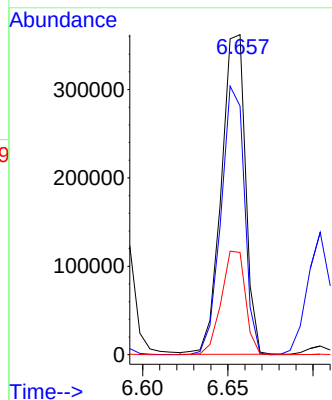
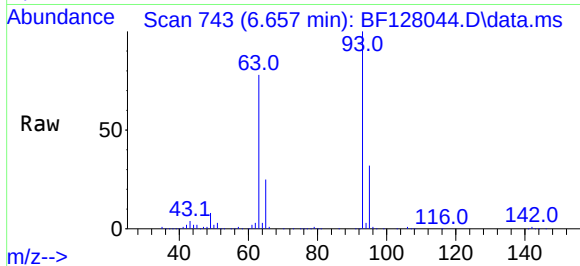
#11  
bis(2-Chloroethyl)ether  
Concen: 54.191 ng  
RT: 6.657 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS

Tgt Ion: 93 Resp: 357740  
Ion Ratio Lower Upper  
93 100  
63 77.7 58.6 98.6  
95 32.0 12.9 52.9

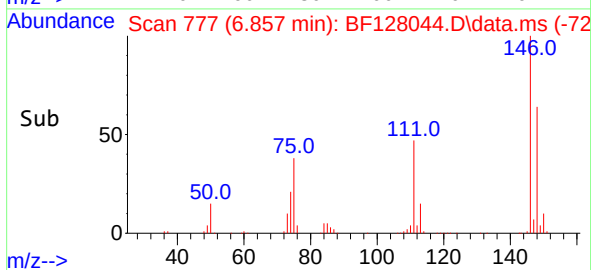
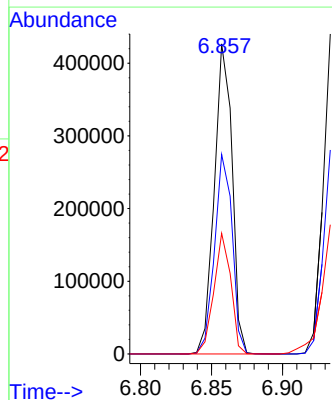
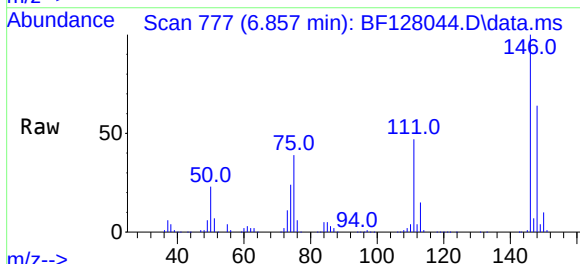
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

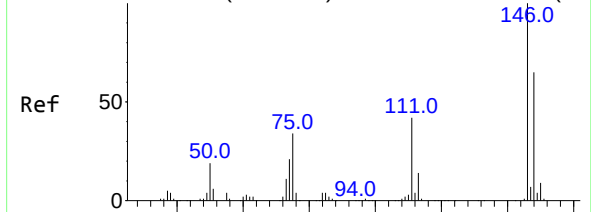


#12  
1,3-Dichlorobenzene  
Concen: 51.058 ng  
RT: 6.857 min Scan# 777  
Delta R.T. -0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:146 Resp: 370934  
Ion Ratio Lower Upper  
146 100  
148 64.4 52.1 78.1  
75 38.9 26.2 39.4

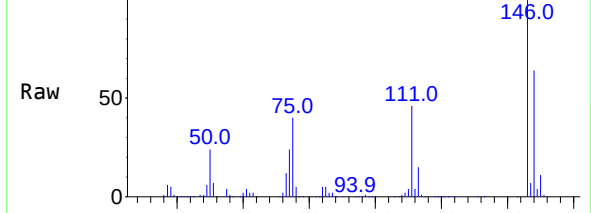


Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



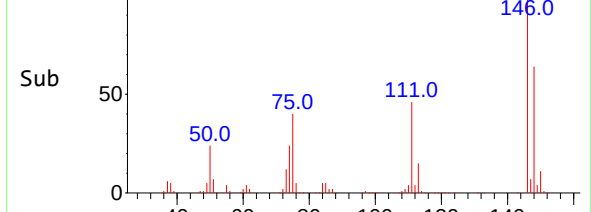
m/z-->

Abundance Scan 790 (6.934 min): BF128044.D\data.ms



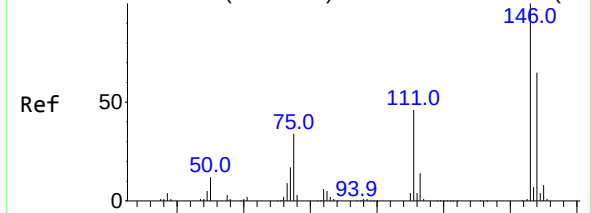
m/z-->

Abundance Scan 790 (6.934 min): BF128044.D\data.ms (-74



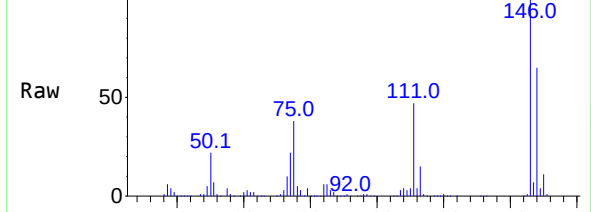
m/z-->

Abundance Scan 821 (7.116 min): BF127861.D\data.ms (-81



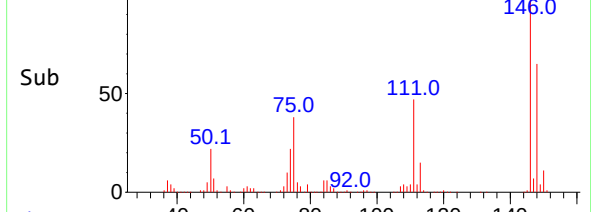
m/z-->

Abundance Scan 816 (7.087 min): BF128044.D\data.ms



m/z-->

Abundance Scan 816 (7.087 min): BF128044.D\data.ms (-76



m/z-->

#13

1,4-Dichlorobenzene

Concen: 51.557 ng

RT: 6.934 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

Tgt Ion:146 Resp: 37387

Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

111 46.0 33.9 50.9

Instrument :

BNA\_F

ClientSampleId :

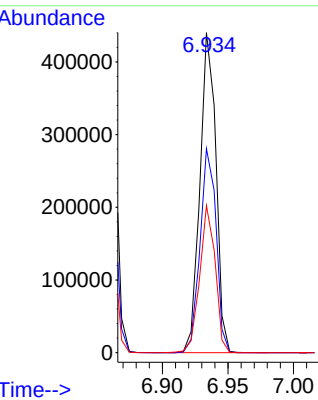
TP-25MS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2022

Supervised By :Jagrut Upadhyay 05/04/2022



#14

1,2-Dichlorobenzene

Concen: 53.450 ng

RT: 7.087 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

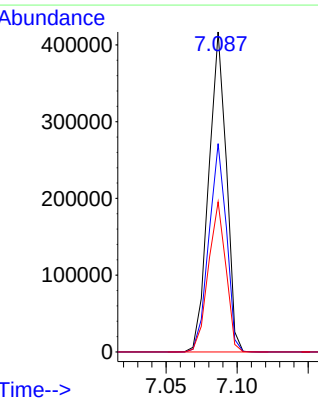
Tgt Ion:146 Resp: 358819

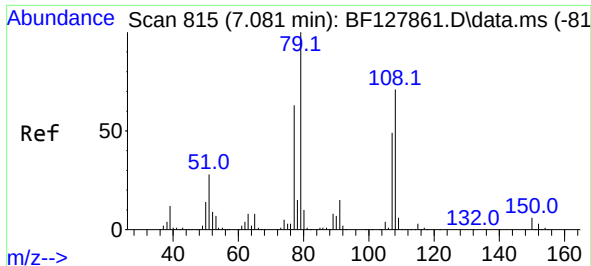
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

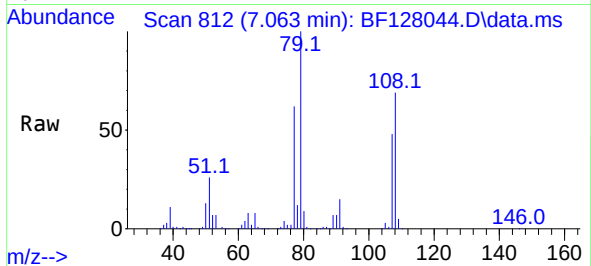
111 46.9 36.6 55.0





#15  
Benzyl Alcohol  
Concen: 68.940 ng  
RT: 7.063 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

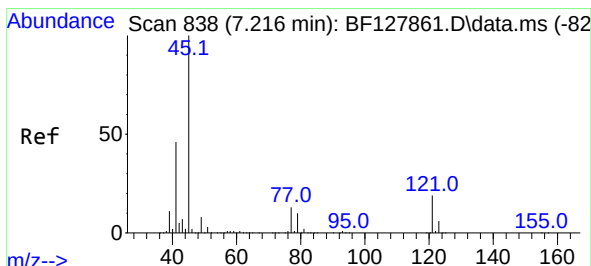
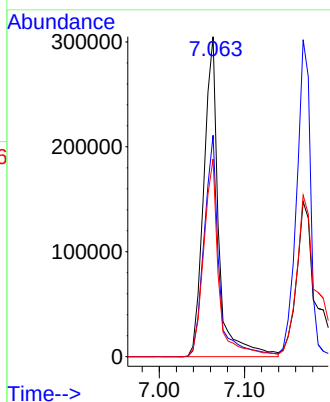
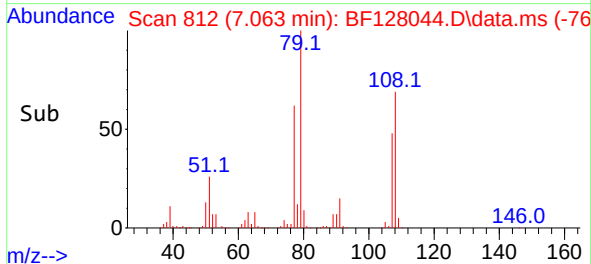
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



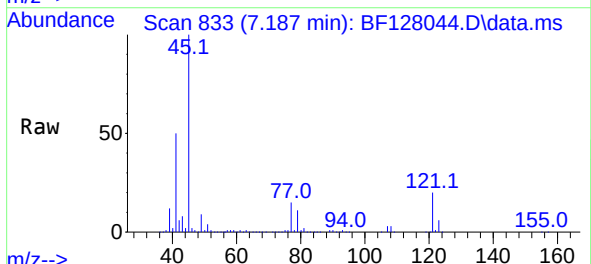
Tgt Ion: 79 Resp: 369920  
Ion Ratio Lower Upper  
79 100  
108 69.2 57.0 85.6  
77 61.8 50.2 75.4

Manual Integrations  
APPROVED

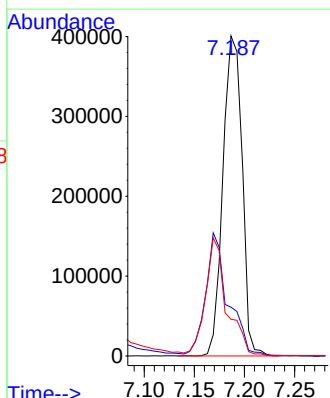
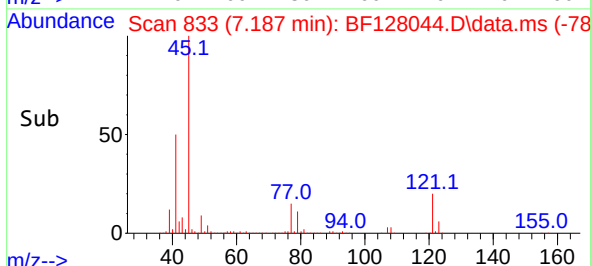
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

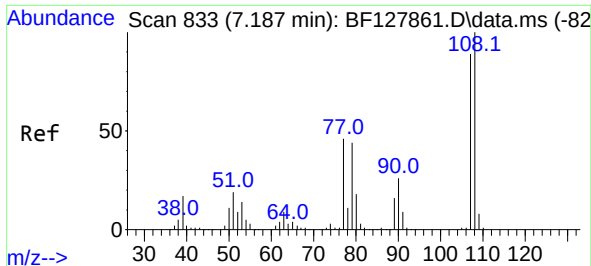


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 52.711 ng  
RT: 7.187 min Scan# 833  
Delta R.T. -0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion: 45 Resp: 531836  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 34.9  
79 11.5 0.0 31.6





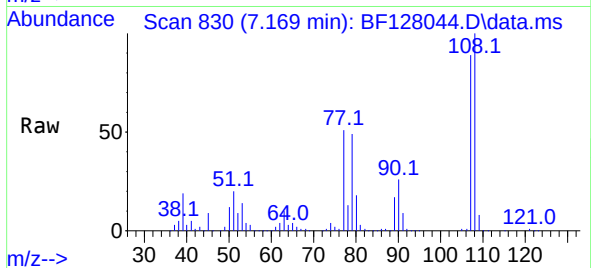
#17  
2-Methylphenol  
Concen: 55.642 ng  
RT: 7.169 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

TP-25MS

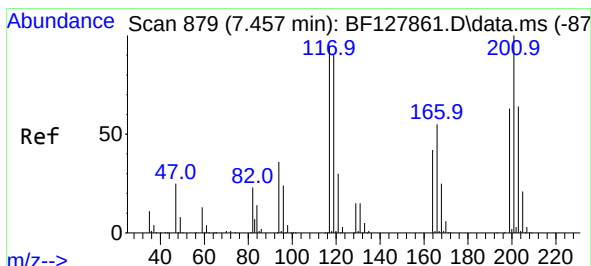
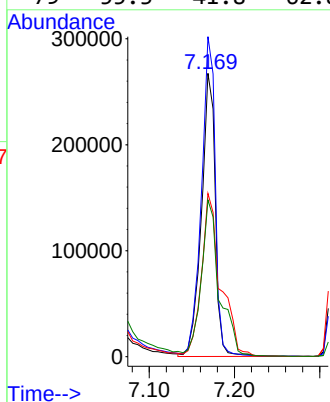
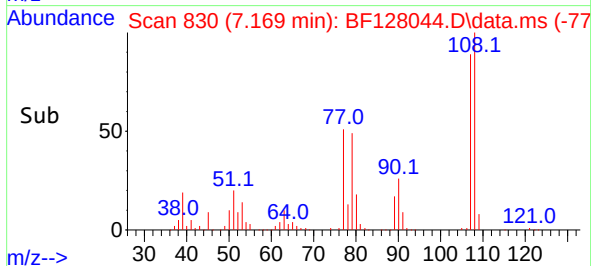


Tgt Ion:107 Resp: 303000  
Ion Ratio Lower Upper  
107 100  
108 112.9 90.2 135.2  
77 57.6 41.9 62.9  
79 55.3 41.8 62.8

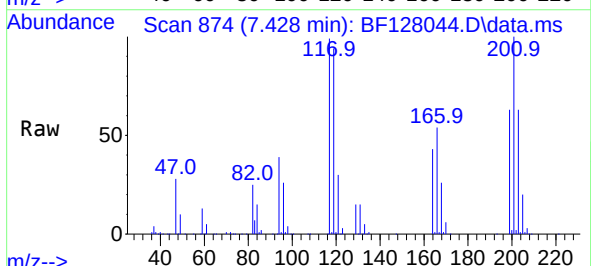
Manual Integrations

APPROVED

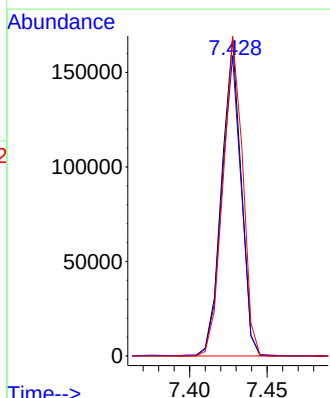
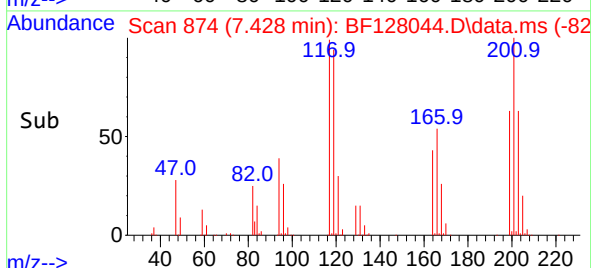
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

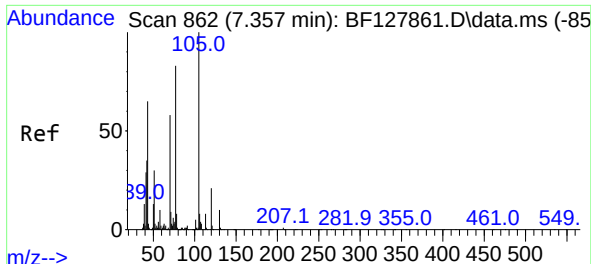


#18  
Hexachloroethane  
Concen: 54.610 ng  
RT: 7.428 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



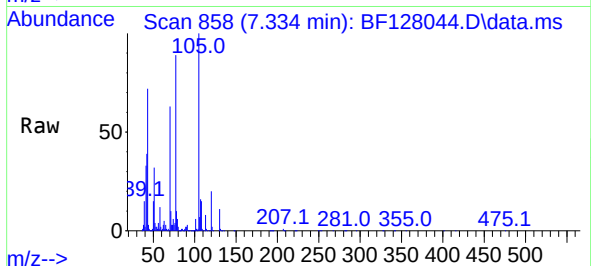
Tgt Ion:117 Resp: 145588  
Ion Ratio Lower Upper  
117 100  
119 94.4 76.2 114.4  
201 100.6 84.4 126.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 58.264 ng  
RT: 7.334 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

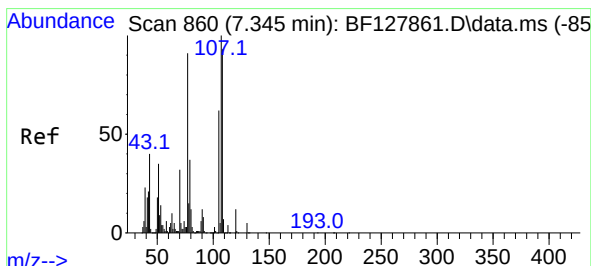
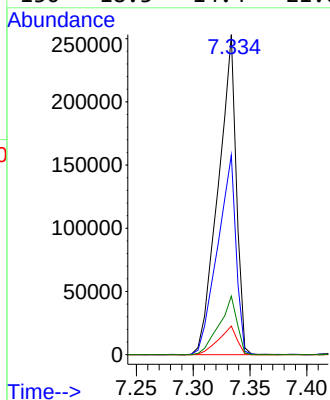
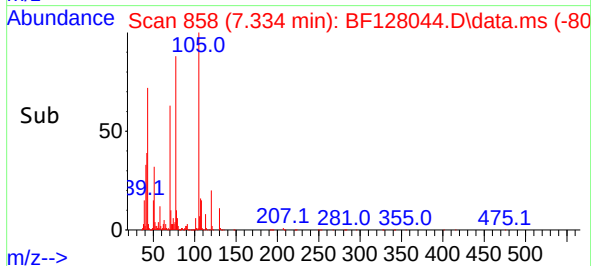
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



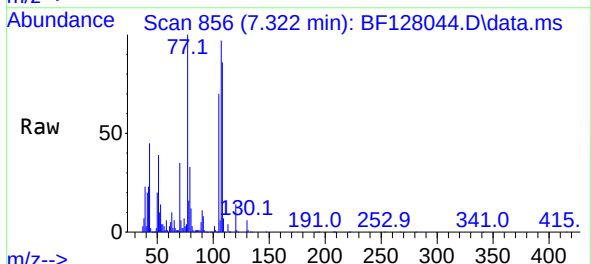
Tgt Ion: 70 Resp: 28142  
Ion Ratio Lower Upper  
70 100  
42 62.4 48.7 73.1  
101 9.0 7.2 10.8  
130 18.3 14.4 21.6

Manual Integrations  
APPROVED

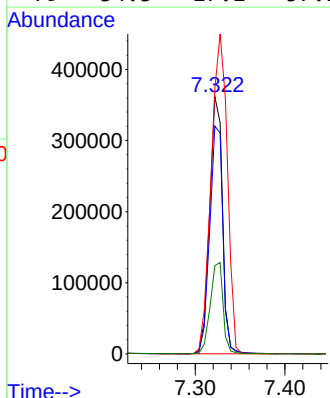
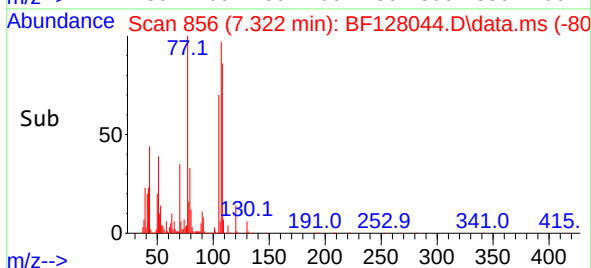
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

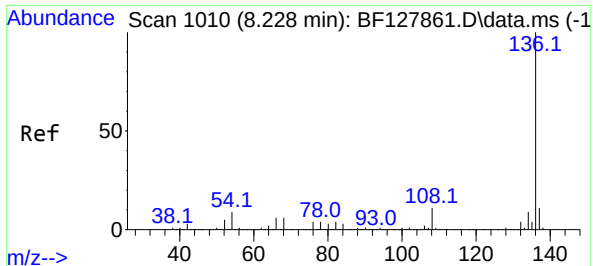


#20  
3+4-Methylphenols  
Concen: 54.650 ng  
RT: 7.322 min Scan# 856  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:107 Resp: 359508  
Ion Ratio Lower Upper  
107 100  
108 88.5 73.4 113.4  
77 103.1 71.1 111.1  
79 34.3 17.1 57.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

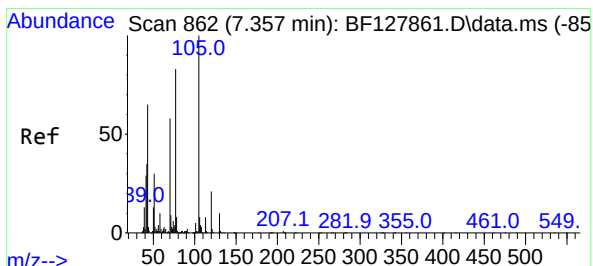
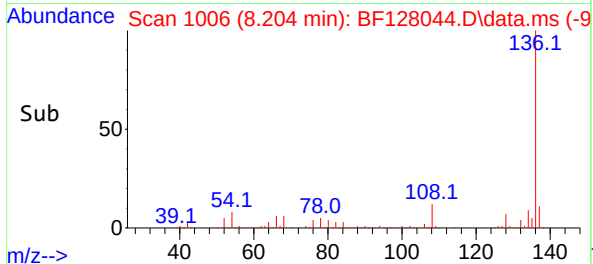
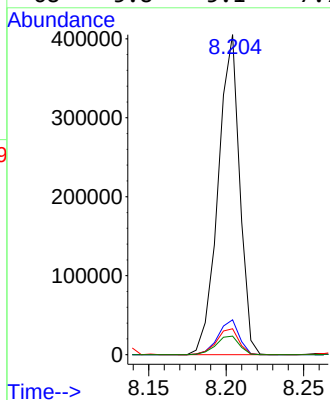
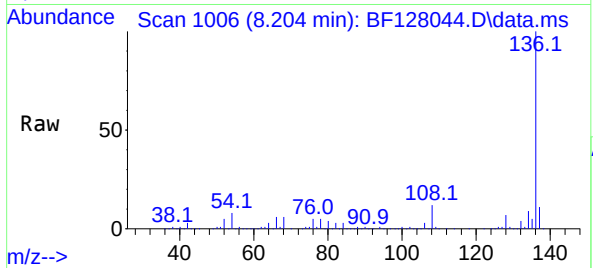
TP-25MS

Tgt Ion:136 Resp: 390423  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.1 6.8 10.2  
68 5.8 5.1 7.7

Manual Integrations

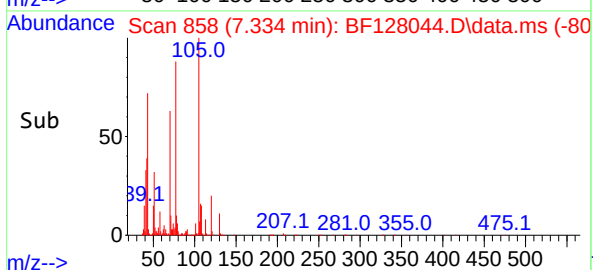
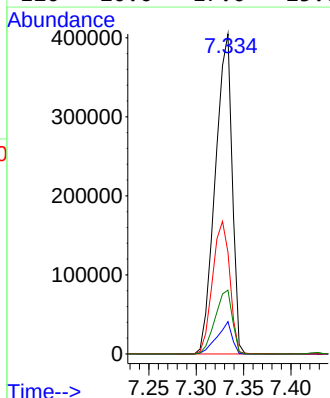
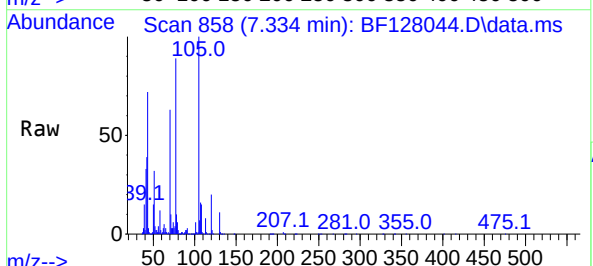
APPROVED

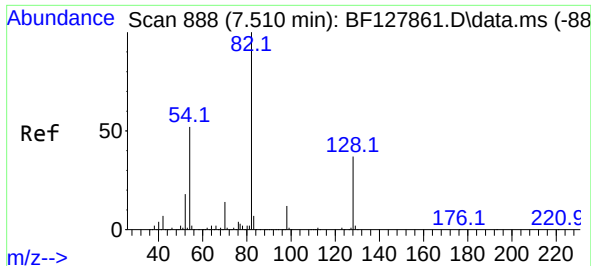
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#22  
Acetophenone  
Concen: 52.708 ng  
RT: 7.334 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:105 Resp: 501559  
Ion Ratio Lower Upper  
105 100  
71 10.1 7.3 10.9  
51 31.8 23.7 35.5  
120 20.0 17.0 25.6





#23  
Nitrobenzene-d5  
Concen: 94.343 ng  
RT: 7.487 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

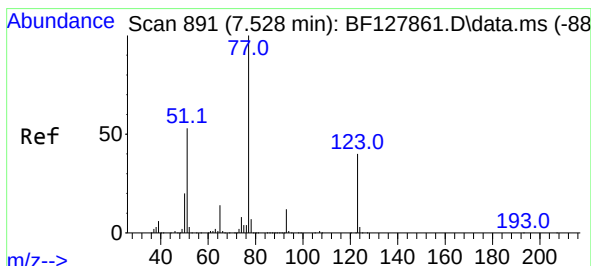
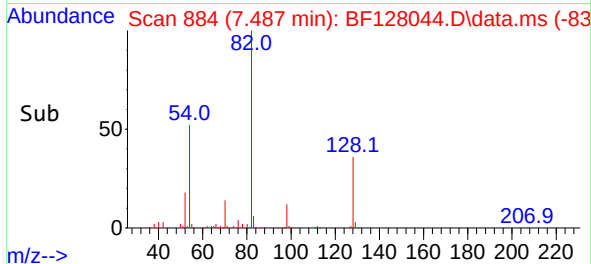
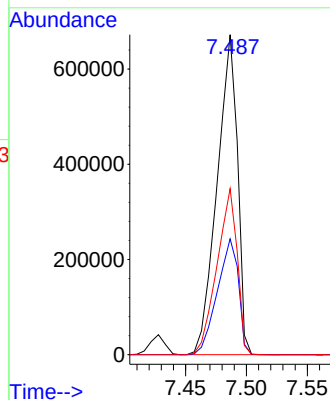
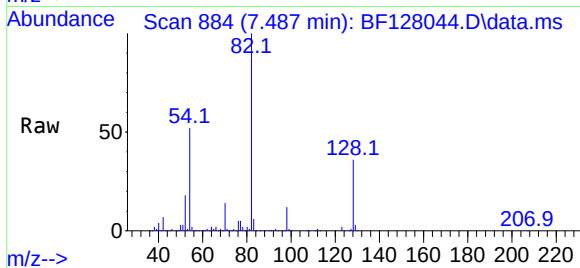
TP-25MS

Tgt Ion: 82 Resp: 78329  
Ion Ratio Lower Upper  
82 100  
128 36.2 30.0 45.0  
54 51.9 41.3 61.9

Manual Integrations

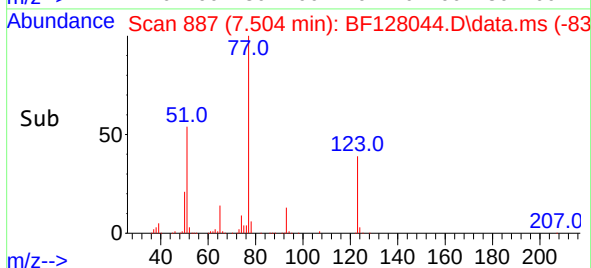
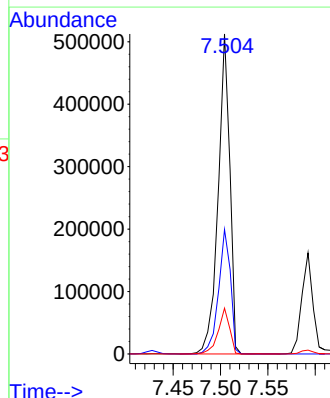
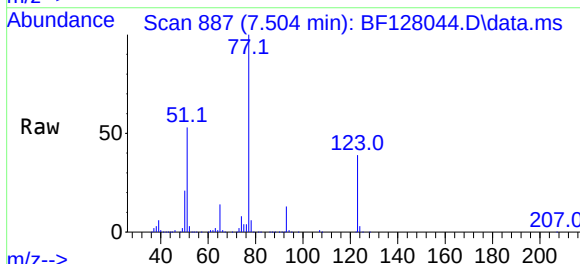
APPROVED

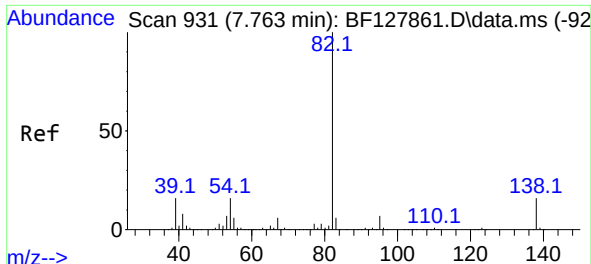
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#24  
Nitrobenzene  
Concen: 54.797 ng  
RT: 7.504 min Scan# 887  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

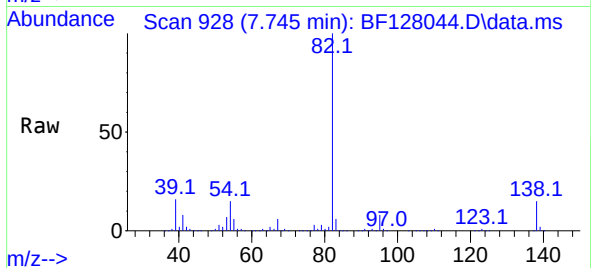
Tgt Ion: 77 Resp: 438402  
Ion Ratio Lower Upper  
77 100  
123 38.9 32.0 48.0  
65 14.3 11.0 16.6





#25  
Isophorone  
Concen: 58.169 ng  
RT: 7.745 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

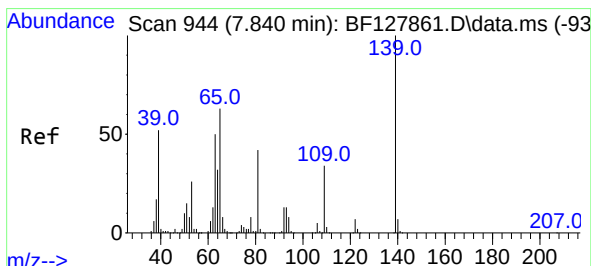
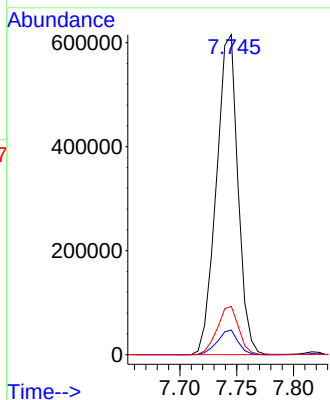
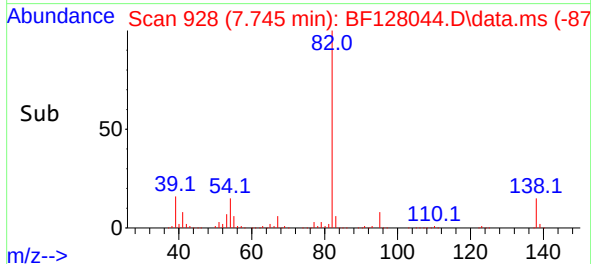
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



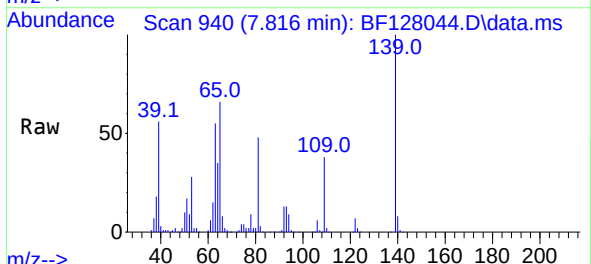
Tgt Ion: 82 Resp: 812849  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.6 8.4  
138 15.1 12.5 18.7

Manual Integrations  
APPROVED

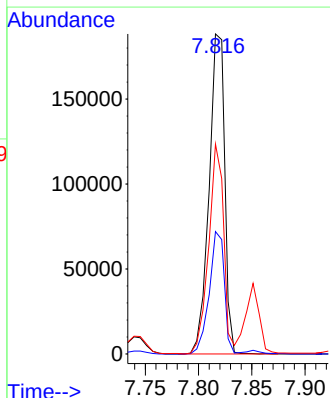
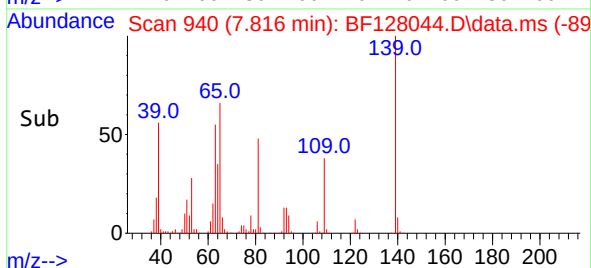
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



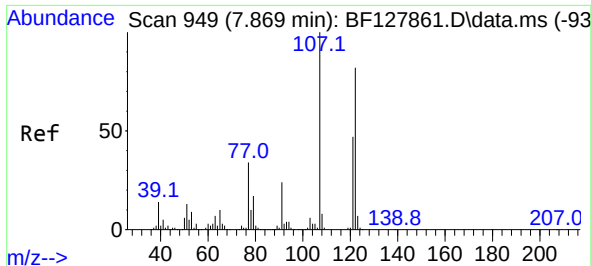
#26  
2-Nitrophenol  
Concen: 56.408 ng  
RT: 7.816 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:139 Resp: 192305  
Ion Ratio Lower Upper  
139 100  
109 38.2 27.4 41.2  
65 65.6 50.8 76.2

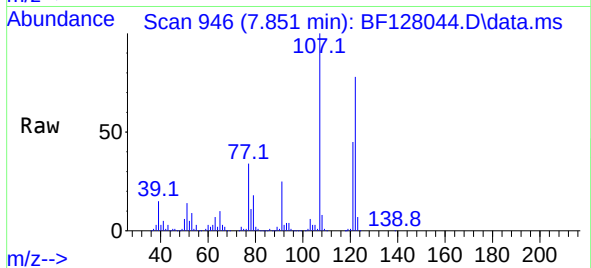






#27  
2,4-Dimethylphenol  
Concen: 60.017 ng  
RT: 7.851 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

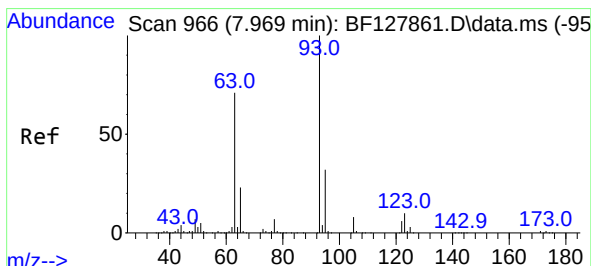
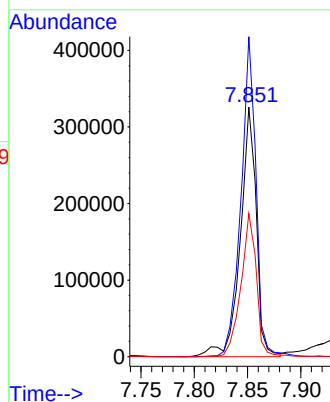
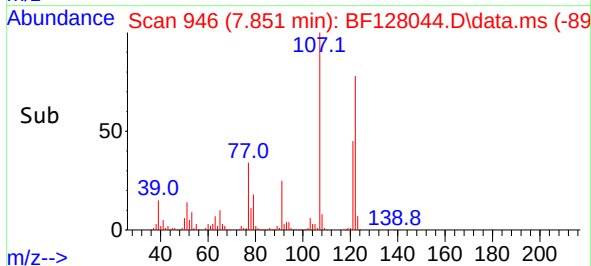
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



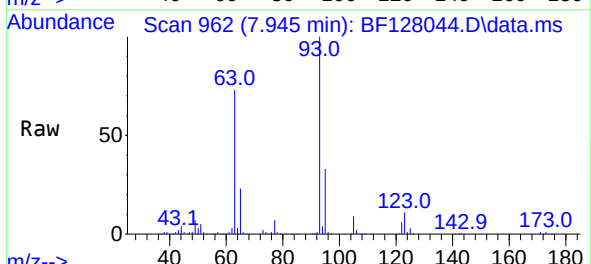
Tgt Ion:122 Resp: 339852  
Ion Ratio Lower Upper  
122 100  
107 128.3 97.5 146.3  
121 57.4 46.0 69.0

Manual Integrations  
APPROVED

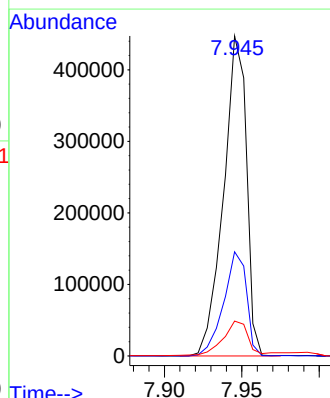
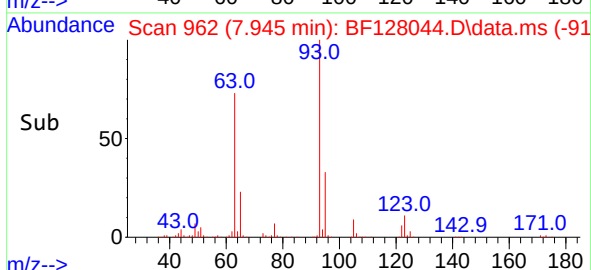
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

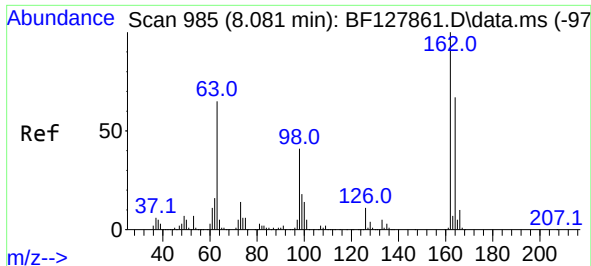


#28  
bis(2-Chloroethoxy)methane  
Concen: 51.368 ng  
RT: 7.945 min Scan# 962  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion: 93 Resp: 460029  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.7 38.5  
123 10.9 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 52.248 ng

RT: 8.063 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

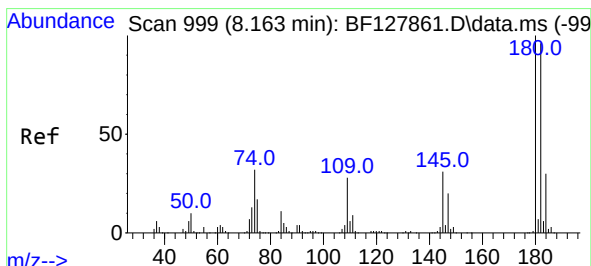
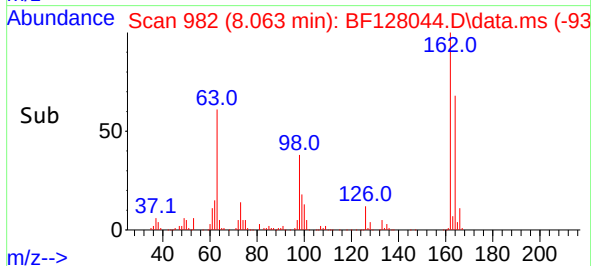
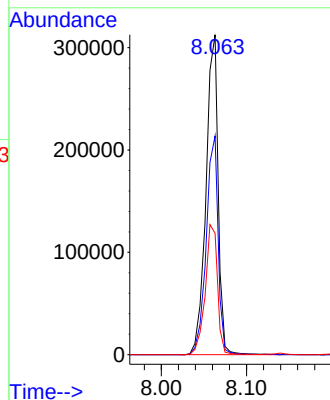
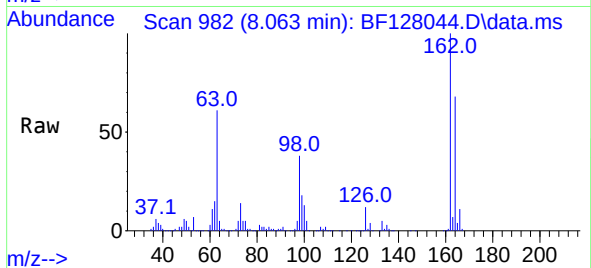
TP-25MS

Tgt Ion:162 Resp: 309952  
 Ion Ratio Lower Upper  
 162 100  
 164 68.3 47.1 87.1  
 98 37.9 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2022  
 Supervised By :Jagrut Upadhyay 05/04/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.571 ng

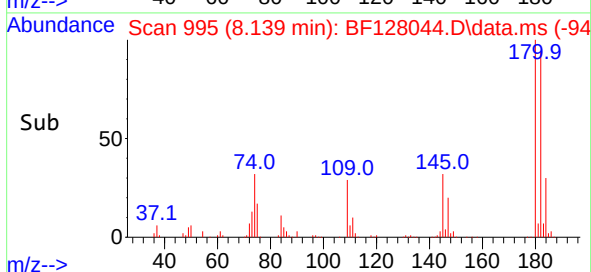
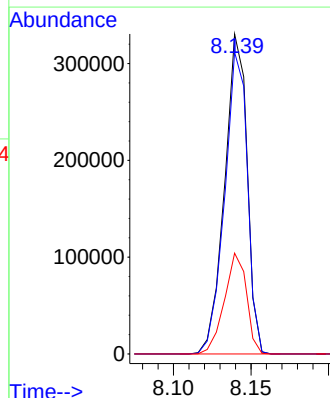
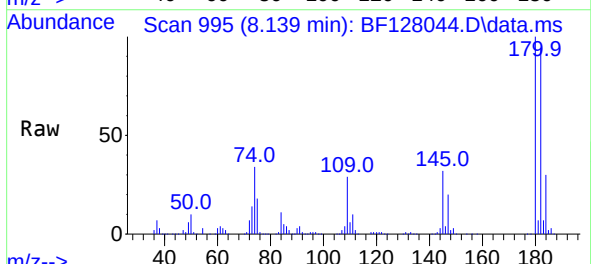
RT: 8.139 min Scan# 995

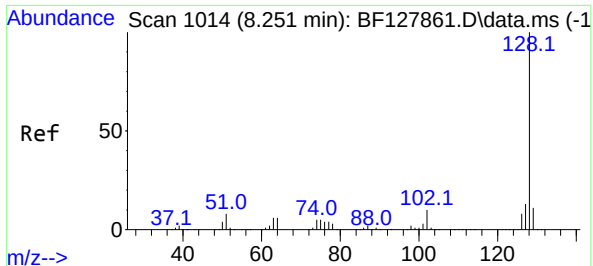
Delta R.T. -0.006 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

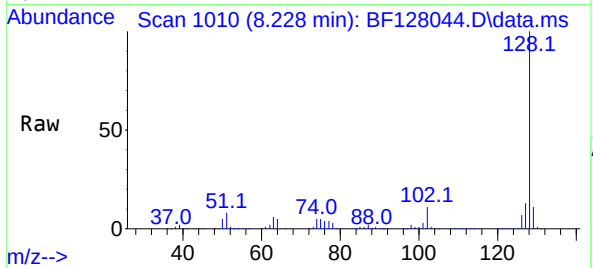
Tgt Ion:180 Resp: 334043  
 Ion Ratio Lower Upper  
 180 100  
 182 94.3 76.4 114.6  
 145 31.5 25.1 37.7





#31  
Naphthalene  
Concen: 50.822 ng  
RT: 8.228 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

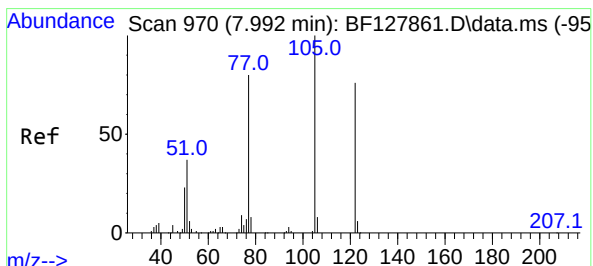
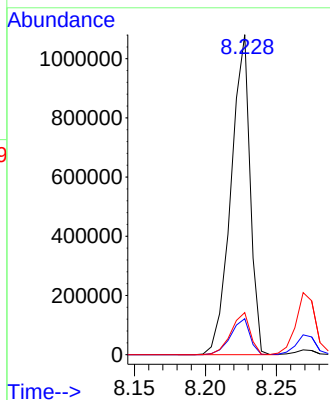
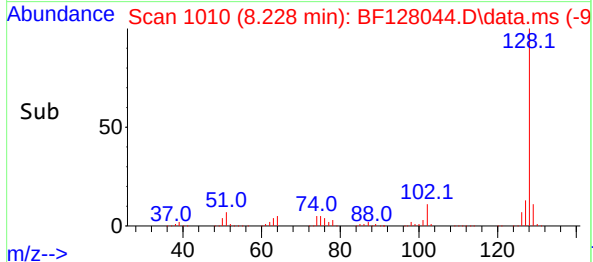
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



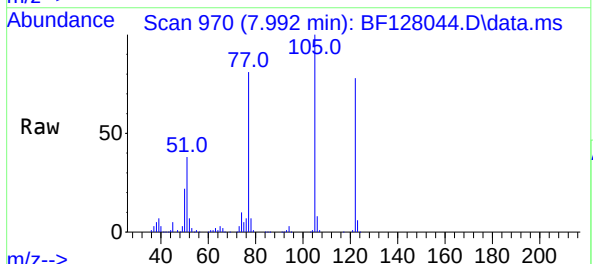
Tgt Ion:128 Resp: 1010590  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.2 10.6 16.0

Manual Integrations  
APPROVED

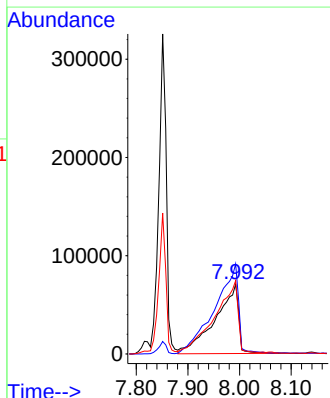
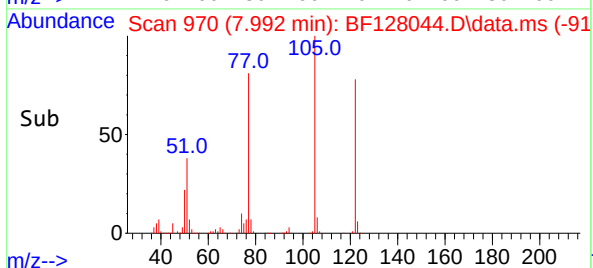
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

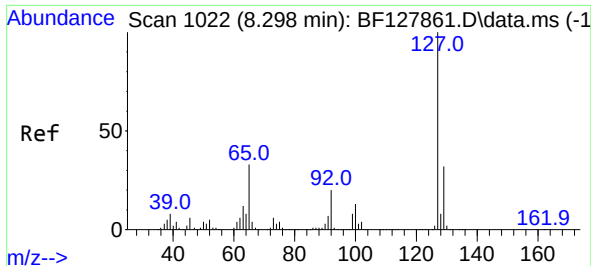


#32  
Benzoic acid  
Concen: 54.492 ng  
RT: 7.992 min Scan# 970  
Delta R.T. 0.012 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:122 Resp: 221170  
Ion Ratio Lower Upper  
122 100  
105 128.9 107.9 147.9  
77 104.9 82.5 122.5





#33  
4-Chloroaniline  
Concen: 27.441 ng  
RT: 8.269 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

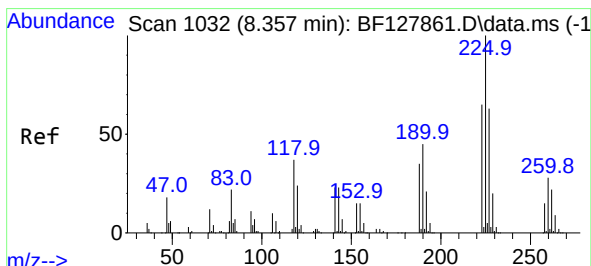
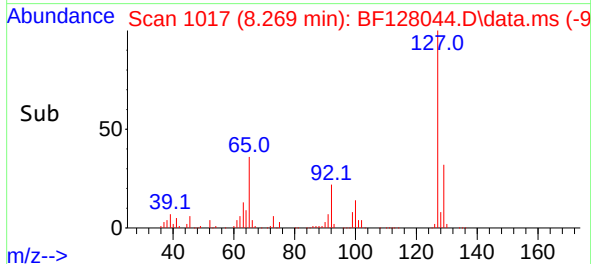
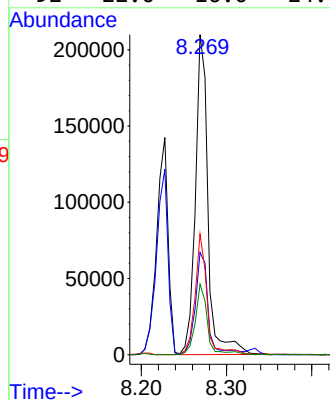
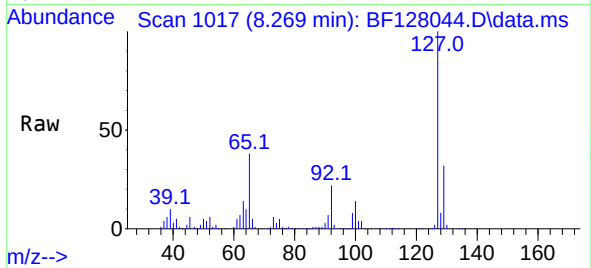
TP-25MS

Tgt Ion:127 Resp: 21589  
Ion Ratio Lower Upper  
127 100  
129 31.9 25.8 38.8  
65 37.7 26.7 40.1  
92 22.0 16.0 24.0

Manual Integrations

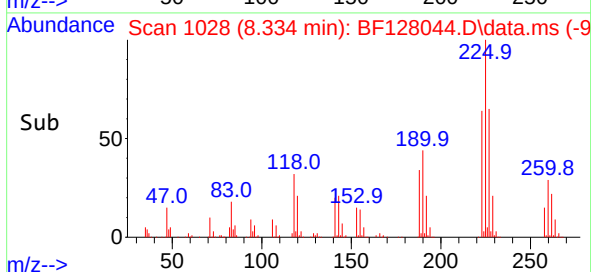
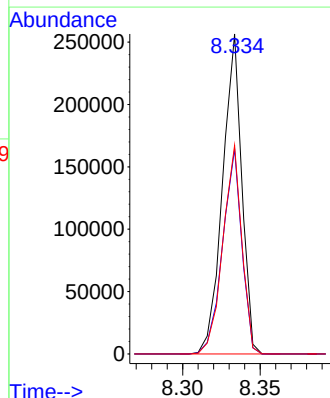
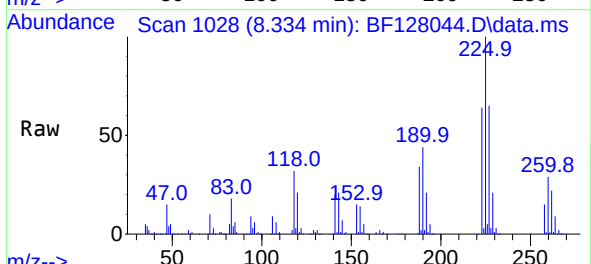
APPROVED

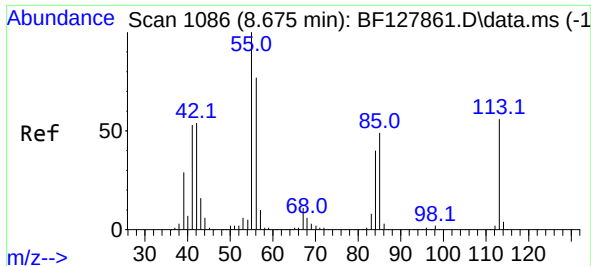
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#34  
Hexachlorobutadiene  
Concen: 51.963 ng  
RT: 8.334 min Scan# 1028  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:225 Resp: 220561  
Ion Ratio Lower Upper  
225 100  
223 64.1 52.0 78.0  
227 65.2 50.7 76.1





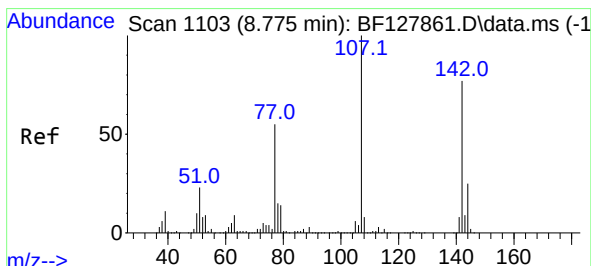
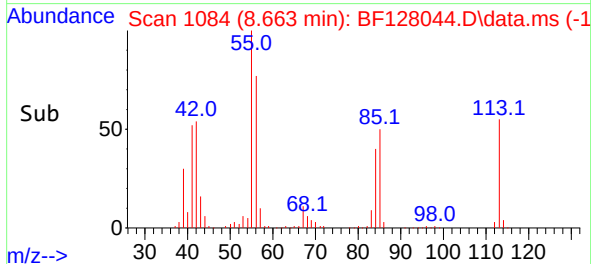
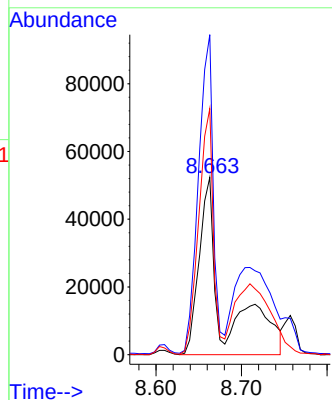
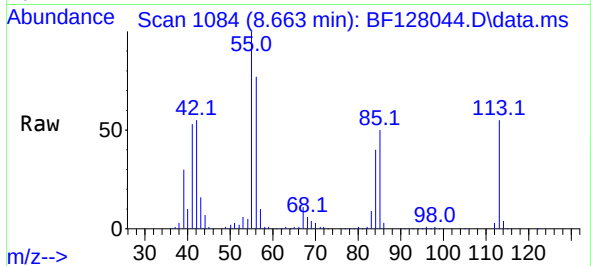
#35  
Caprolactam  
Concen: 54.792 ng m  
RT: 8.663 min Scan# 1086  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS

Tgt Ion:113 Resp: 10492  
Ion Ratio Lower Upper  
113 100  
55 180.6 157.4 197.4  
56 138.9 116.1 156.1

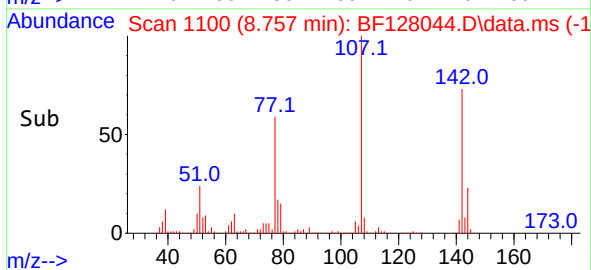
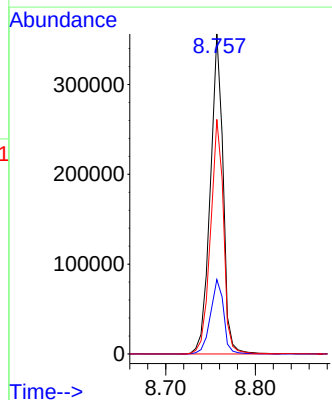
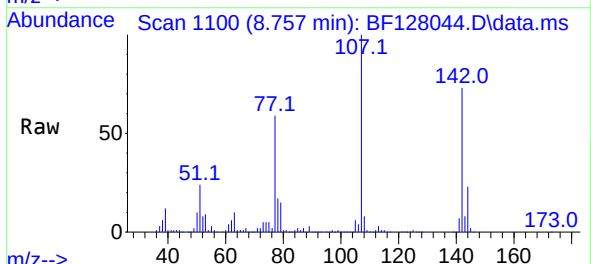
Manual Integrations  
APPROVED

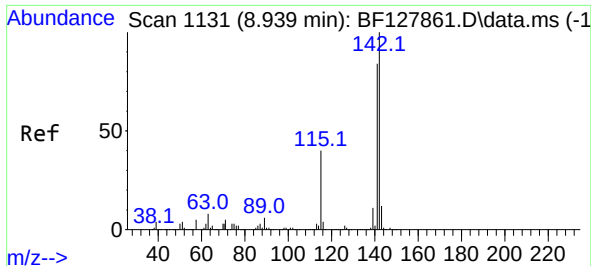
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#36  
4-Chloro-3-methylphenol  
Concen: 55.682 ng  
RT: 8.757 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:107 Resp: 352783  
Ion Ratio Lower Upper  
107 100  
144 23.3 20.2 30.4  
142 73.3 61.5 92.3





#37

2-Methylnaphthalene

Concen: 52.979 ng

RT: 8.916 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

TP-25MS

Tgt Ion:142 Resp: 696230

Ion Ratio Lower Upper

142 100

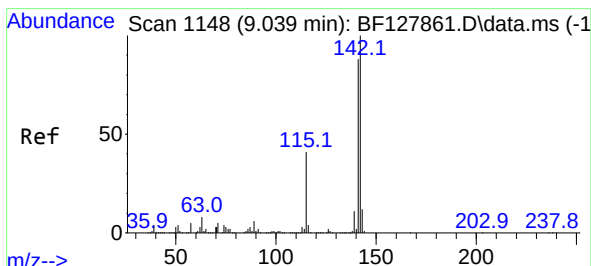
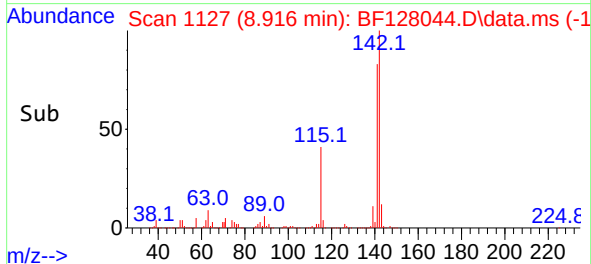
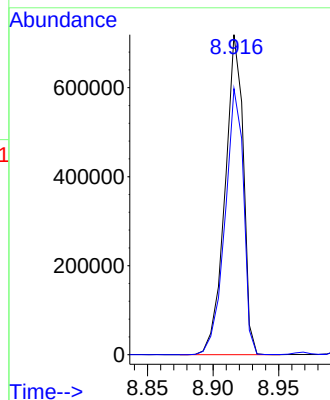
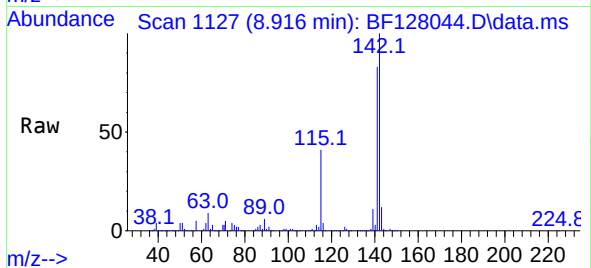
141 83.1 67.4 101.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2022

Supervised By :Jagrut Upadhyay 05/04/2022



#38

1-Methylnaphthalene

Concen: 52.024 ng

RT: 9.016 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF128044.D

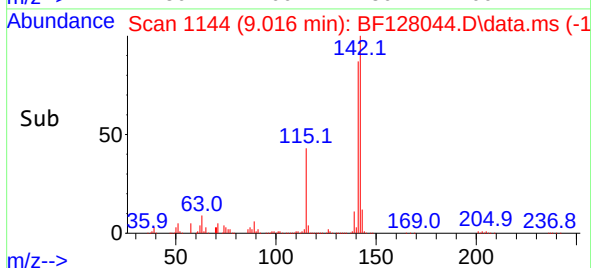
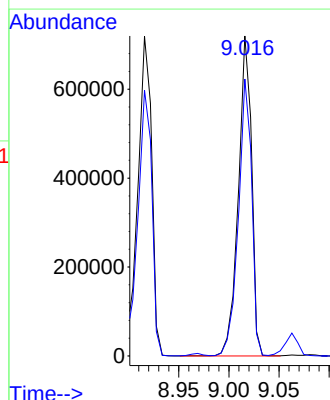
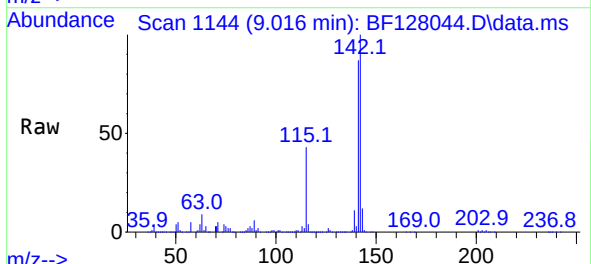
Acq: 03 May 2022 14:26

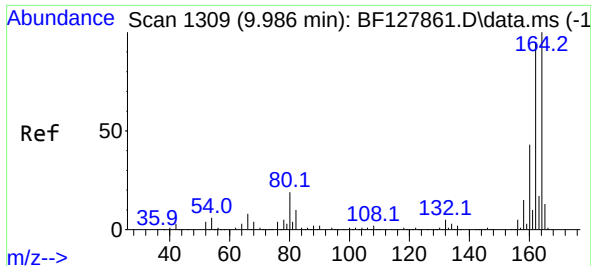
Tgt Ion:142 Resp: 664537

Ion Ratio Lower Upper

142 100

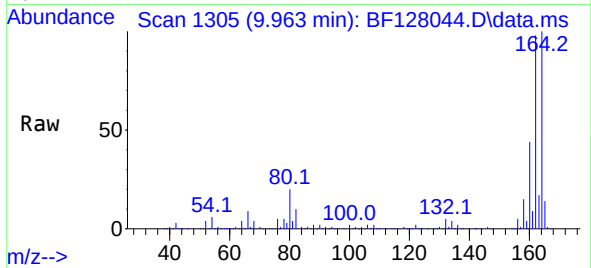
141 86.5 70.1 105.1





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.963 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

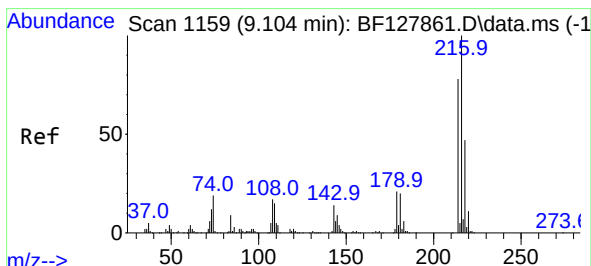
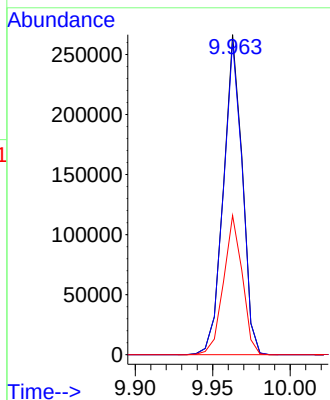
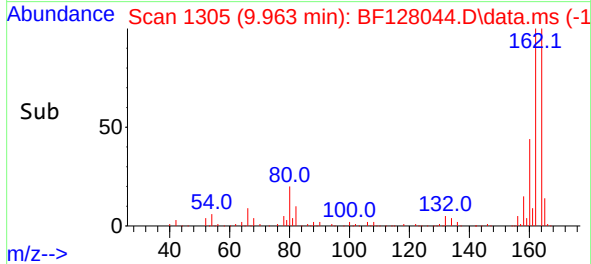
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



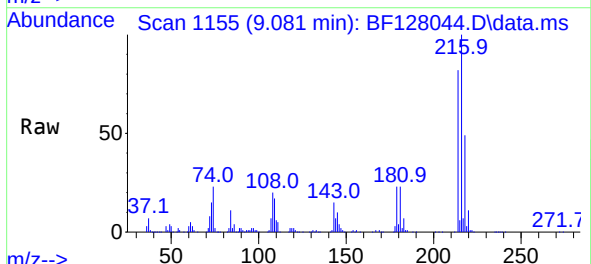
Tgt Ion:164 Resp: 224873  
Ion Ratio Lower Upper  
164 100  
162 98.0 76.0 114.0  
160 43.5 34.8 52.2

Manual Integrations  
APPROVED

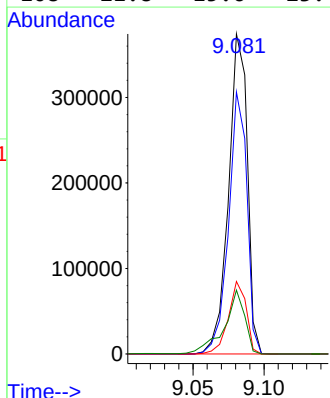
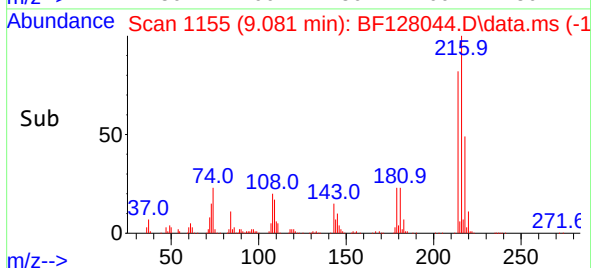
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

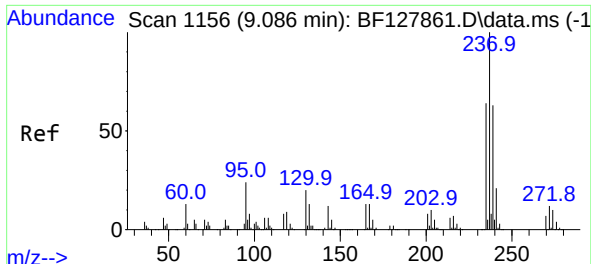


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.011 ng  
RT: 9.081 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:216 Resp: 344733  
Ion Ratio Lower Upper  
216 100  
214 79.7 62.6 94.0  
179 21.6 16.9 25.3  
108 21.8 15.6 23.4





#41  
Hexachlorocyclopentadiene  
Concen: 108.396 ng  
RT: 9.063 min Scan# 1152  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

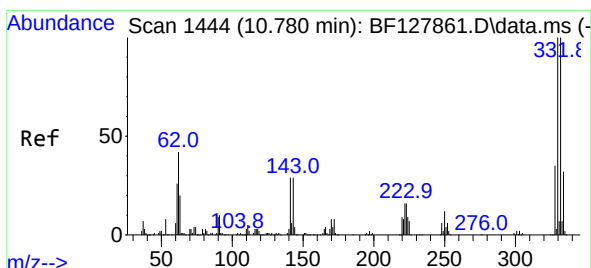
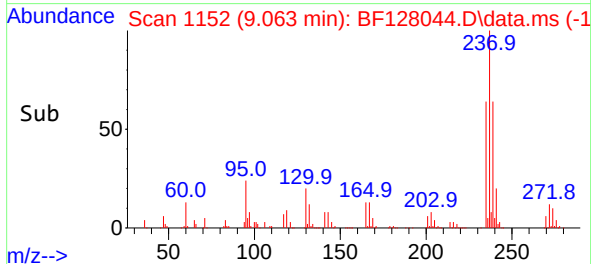
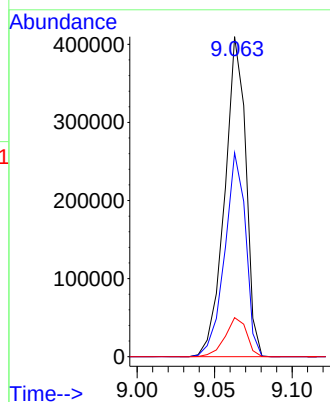
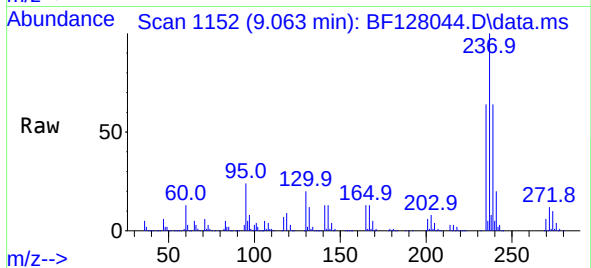
TP-25MS

Tgt Ion:237 Resp: 389258  
Ion Ratio Lower Upper  
237 100  
235 63.7 43.6 83.6  
272 12.2 0.0 32.1

Manual Integrations

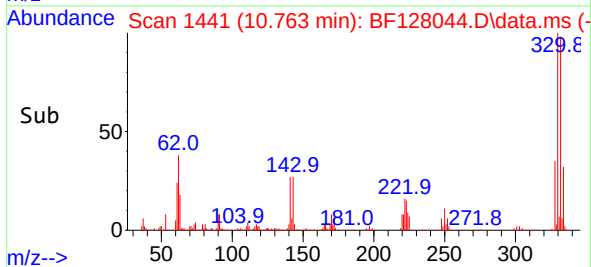
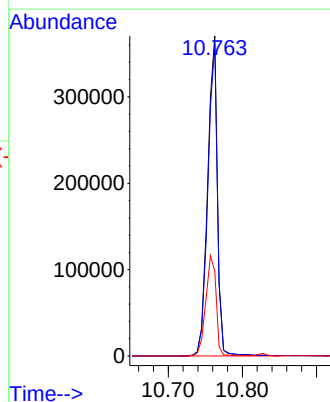
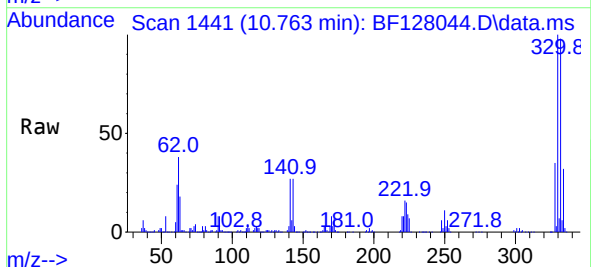
APPROVED

Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

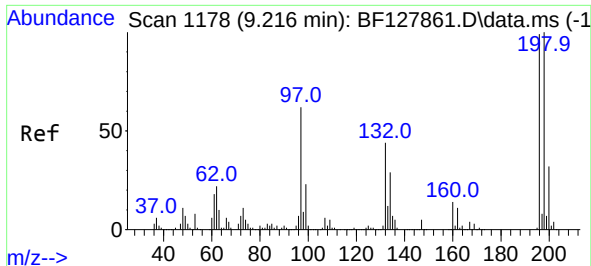


#42  
2,4,6-Tribromophenol  
Concen: 149.833 ng  
RT: 10.763 min Scan# 1441  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:330 Resp: 339180  
Ion Ratio Lower Upper  
330 100  
332 96.6 79.0 118.4  
141 33.4 28.9 43.3

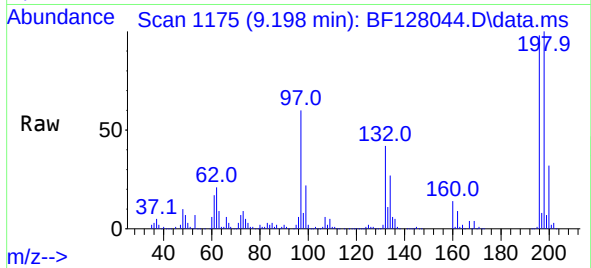






#43  
2,4,6-Trichlorophenol  
Concen: 54.271 ng  
RT: 9.198 min Scan# 1175  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

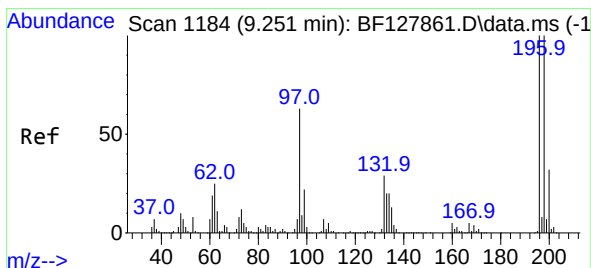
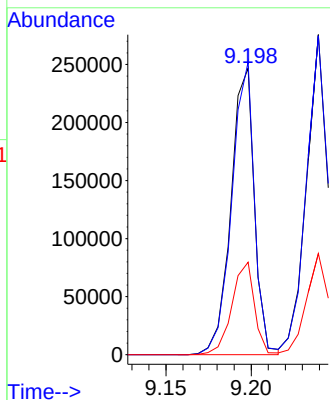
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



Tgt Ion:196 Resp: 236689  
Ion Ratio Lower Upper  
196 100  
198 102.2 80.4 120.6  
200 32.3 25.9 38.9

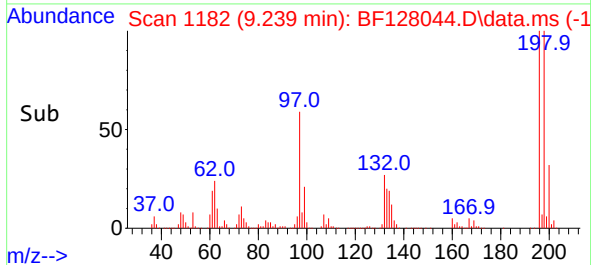
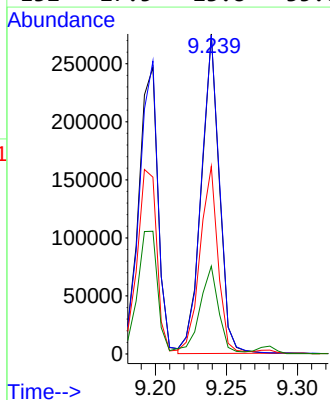
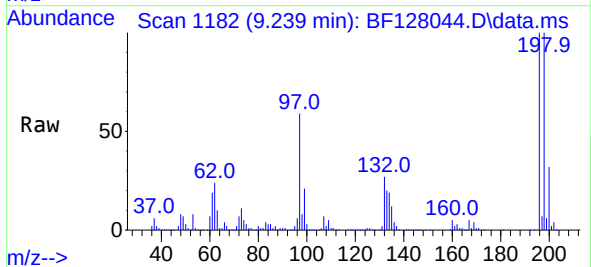
Manual Integrations  
APPROVED

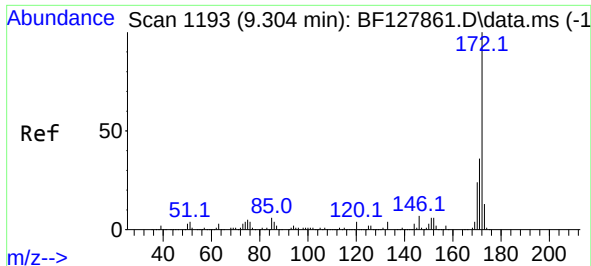
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#44  
2,4,5-Trichlorophenol  
Concen: 51.171 ng  
RT: 9.239 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

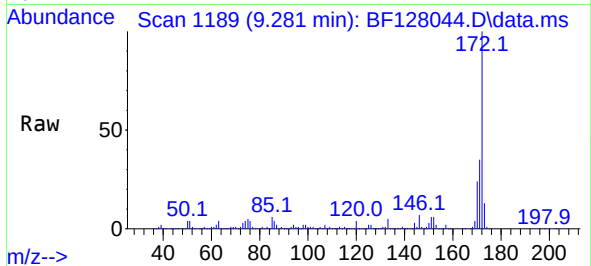
Tgt Ion:196 Resp: 242604  
Ion Ratio Lower Upper  
196 100  
198 99.7 80.2 120.2  
97 58.6 50.3 75.5  
132 27.5 23.8 35.6





#45  
2-Fluorobiphenyl  
Concen: 92.229 ng  
RT: 9.281 min Scan# 1189  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

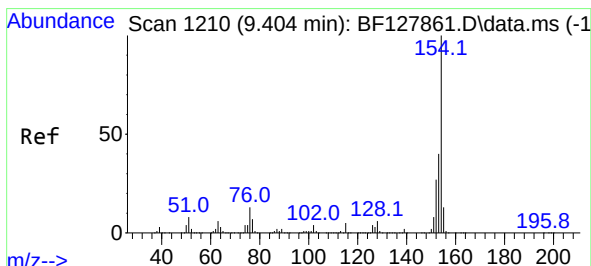
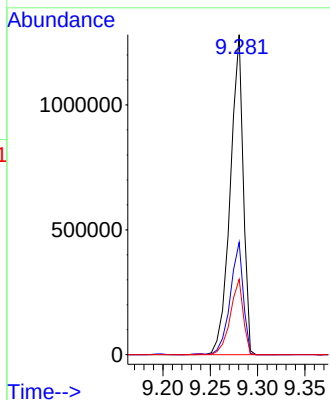
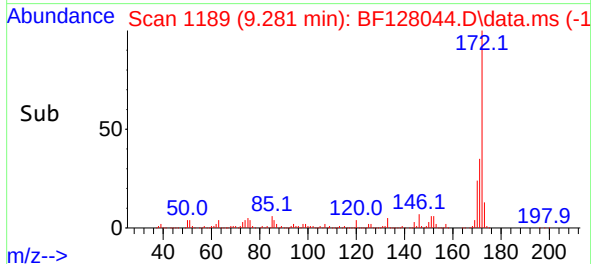
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



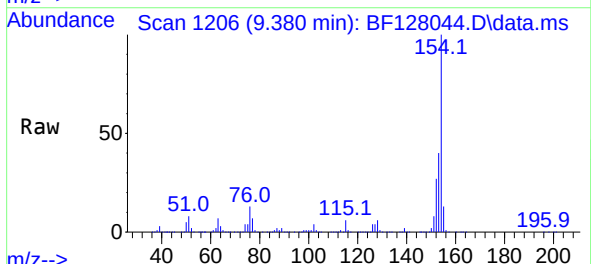
Tgt Ion:172 Resp: 122594  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 42.8  
170 23.6 19.1 28.7

Manual Integrations  
APPROVED

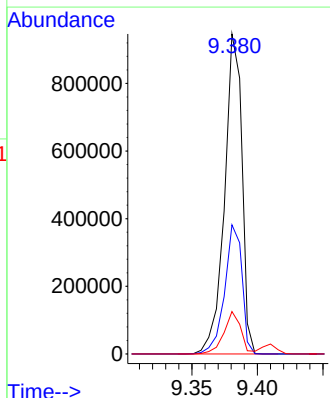
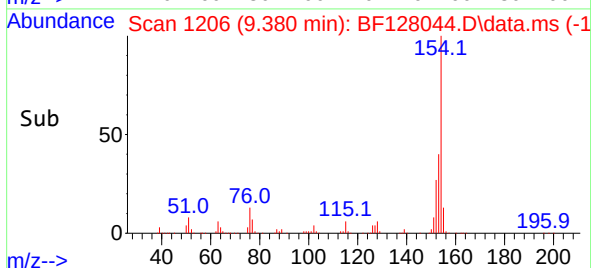
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

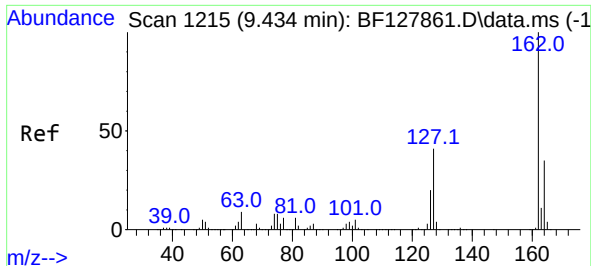


#46  
1,1'-Biphenyl  
Concen: 52.346 ng  
RT: 9.380 min Scan# 1206  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:154 Resp: 871954  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.4 60.4  
76 13.3 0.0 33.2





#47

2-Chloronaphthalene

Concen: 50.628 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

TP-25MS

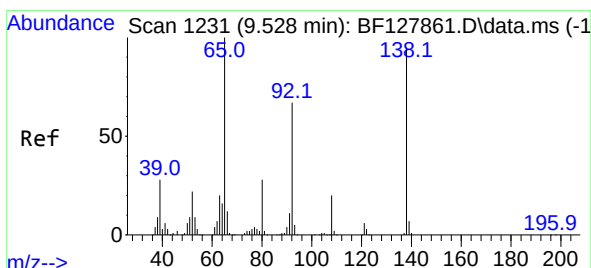
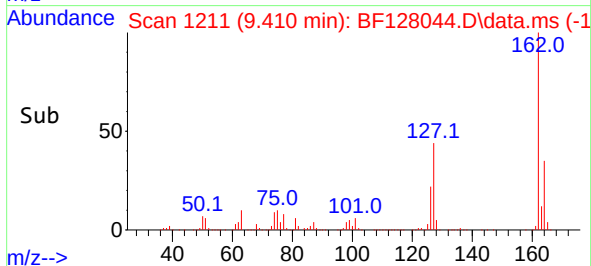
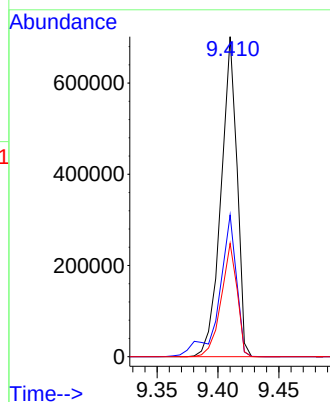
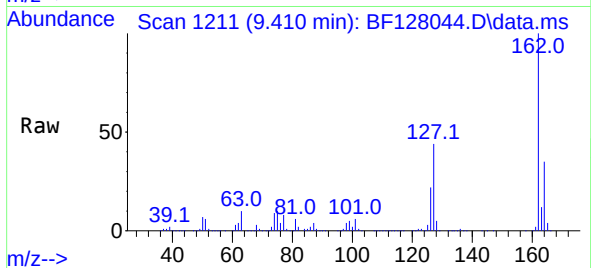
Tgt Ion:162 Resp: 64200

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 44.3  | 32.9  | 49.3  |
| 164 | 35.4  | 28.2  | 42.2  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#48

2-Nitroaniline

Concen: 56.962 ng

RT: 9.510 min Scan# 1228

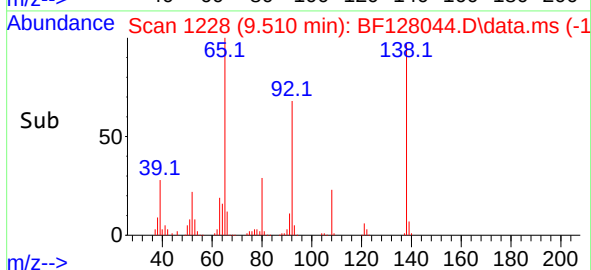
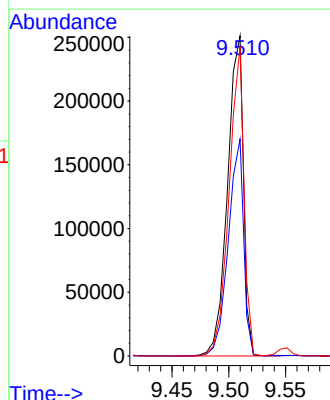
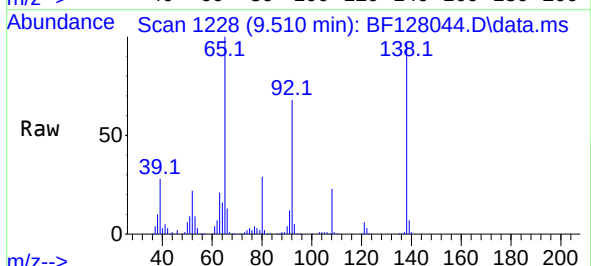
Delta R.T. 0.006 min

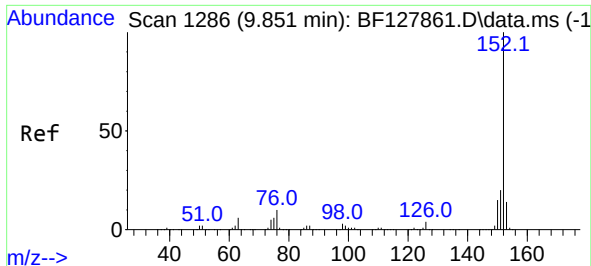
Lab File: BF128044.D

Acq: 03 May 2022 14:26

Tgt Ion: 65 Resp: 244335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 67.7  | 53.7  | 80.5  |
| 138 | 96.7  | 76.4  | 114.6 |





#49

Acenaphthylene

Concen: 54.071 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

TP-25MS

Tgt Ion:152 Resp: 1048828

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

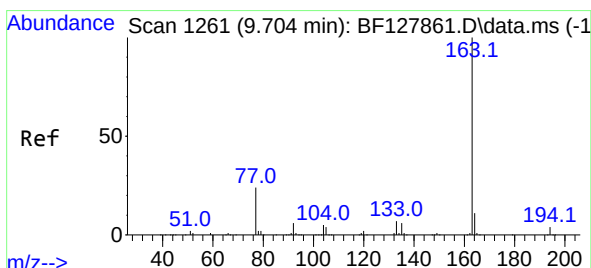
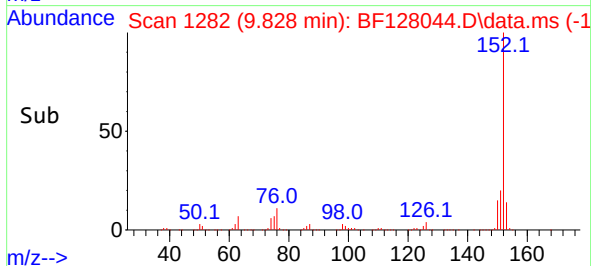
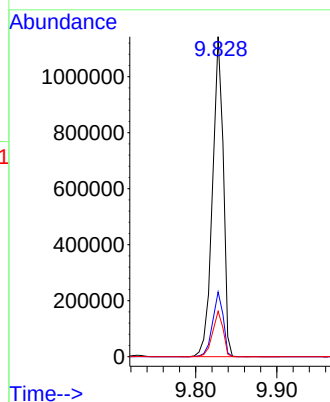
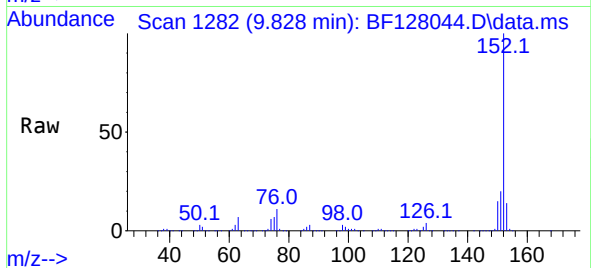
153 14.2 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2022

Supervised By :Jagrut Upadhyay 05/04/2022



#50

Dimethylphthalate

Concen: 53.125 ng

RT: 9.686 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

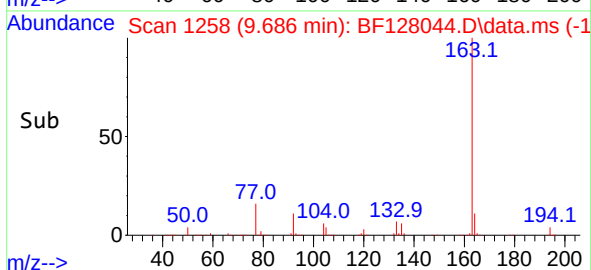
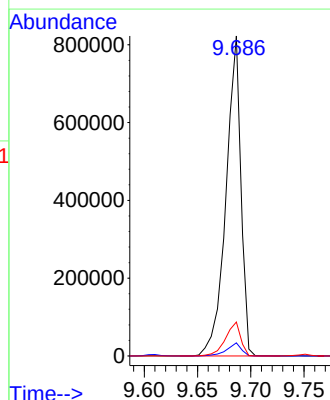
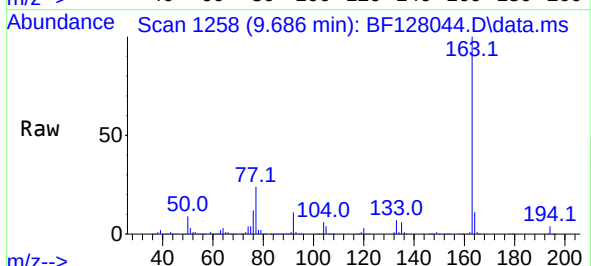
Tgt Ion:163 Resp: 801182

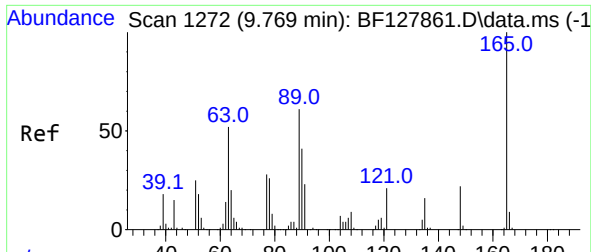
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

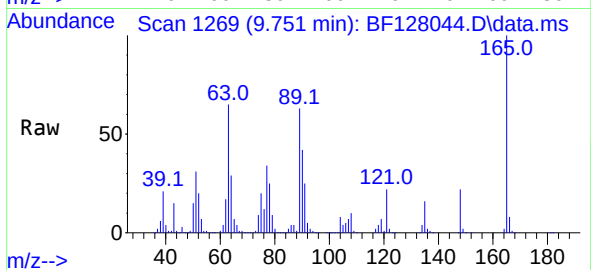
164 10.6 8.6 13.0





#51  
2,6-Dinitrotoluene  
Concen: 56.287 ng  
RT: 9.751 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

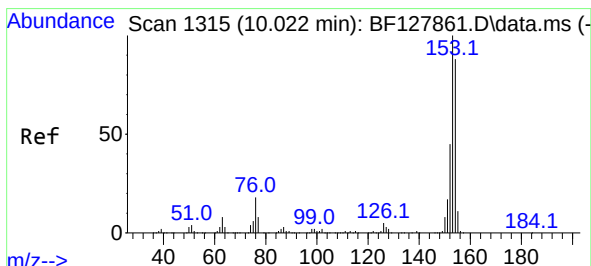
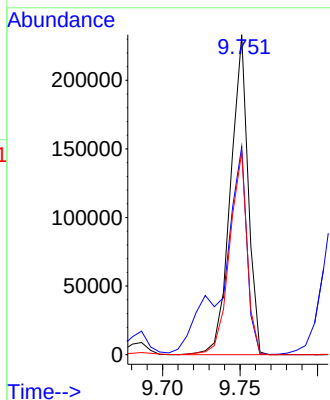
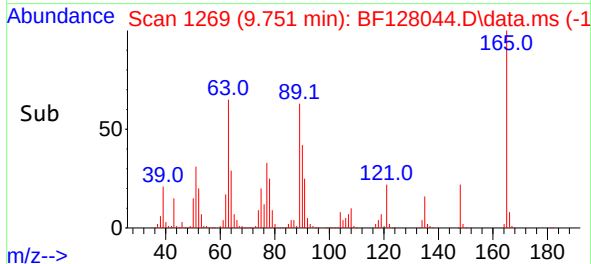
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



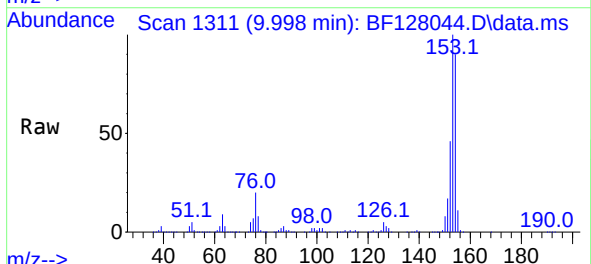
Tgt Ion:165 Resp: 183792  
Ion Ratio Lower Upper  
165 100  
63 65.0 49.5 74.3  
89 63.4 49.0 73.4

Manual Integrations  
APPROVED

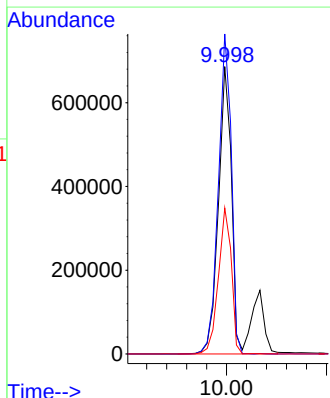
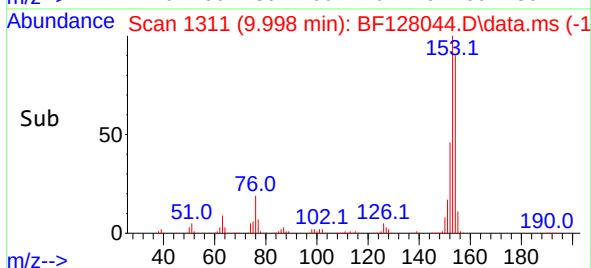
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

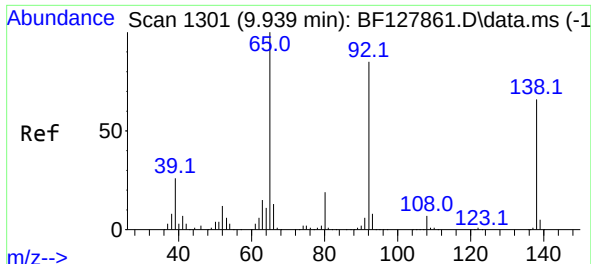


#52  
Acenaphthene  
Concen: 57.683 ng m  
RT: 9.998 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:154 Resp: 752238  
Ion Ratio Lower Upper  
154 100  
153 111.3 90.5 135.7  
152 50.8 41.0 61.6





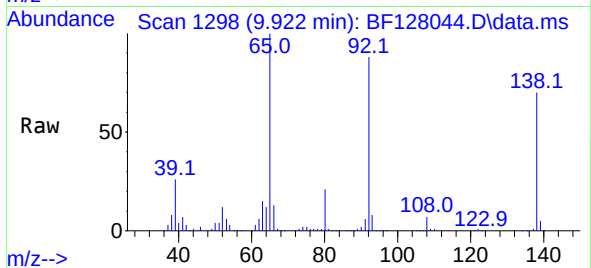
#53  
3-Nitroaniline  
Concen: 34.104 ng  
RT: 9.922 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

TP-25MS

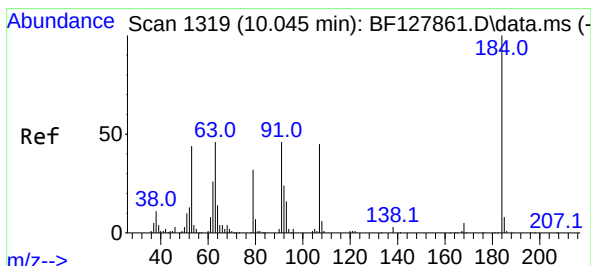
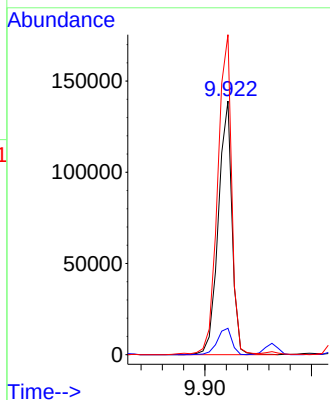
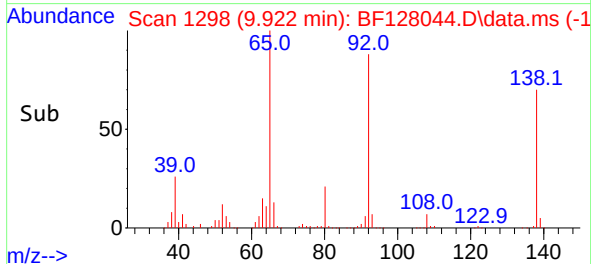


Tgt Ion:138 Resp: 123658  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.2 12.4  
92 126.2 102.7 154.1

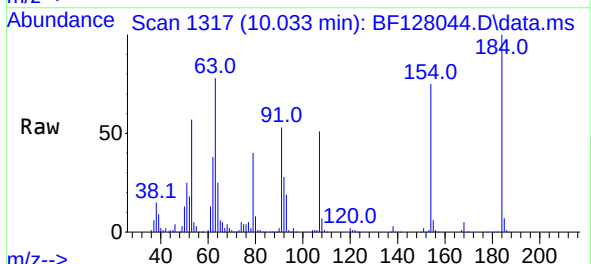
Manual Integrations

APPROVED

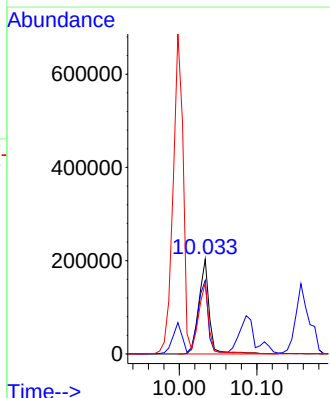
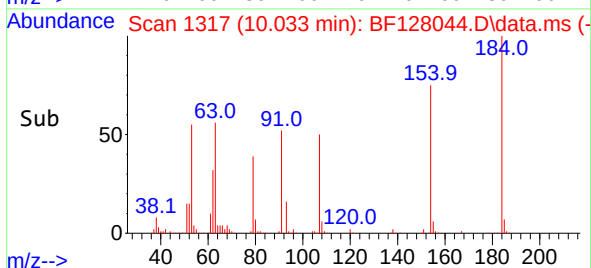
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

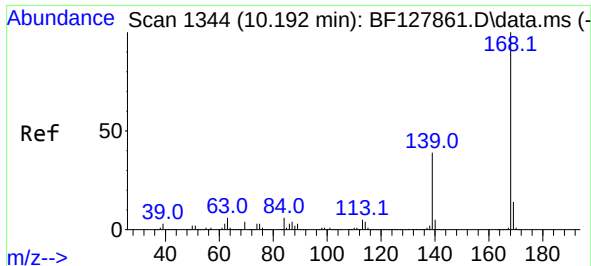


#54  
2,4-Dinitrophenol  
Concen: 110.707 ng  
RT: 10.033 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



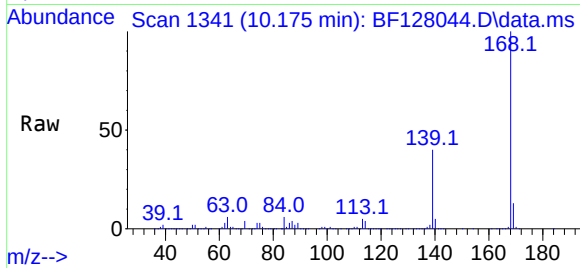
Tgt Ion:184 Resp: 190373  
Ion Ratio Lower Upper  
184 100  
63 77.5 50.0 75.0#  
154 74.9 51.7 77.5





#55  
Dibenzenofuran  
Concen: 49.955 ng  
RT: 10.175 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

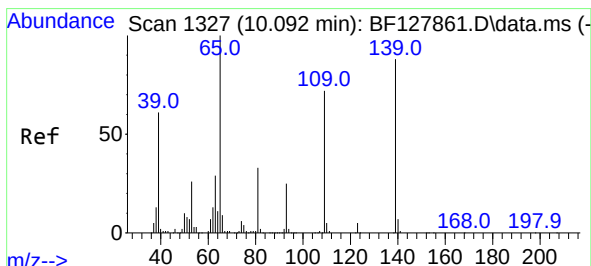
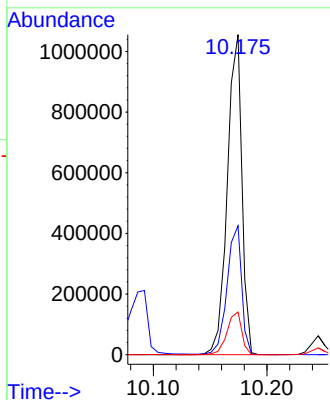
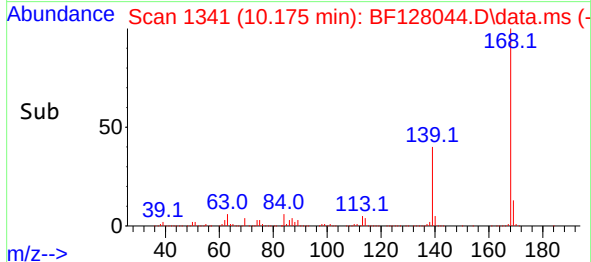
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



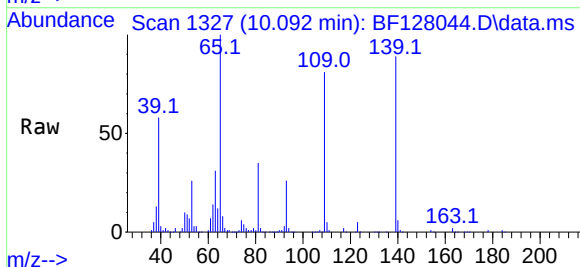
Tgt Ion:168 Resp: 939889  
Ion Ratio Lower Upper  
168 100  
139 40.3 31.7 47.5  
169 13.4 10.9 16.3

Manual Integrations  
APPROVED

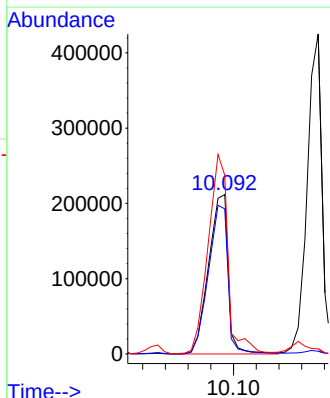
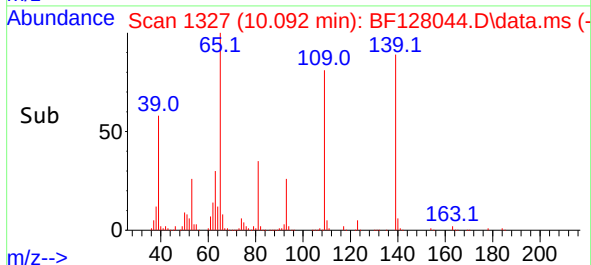
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

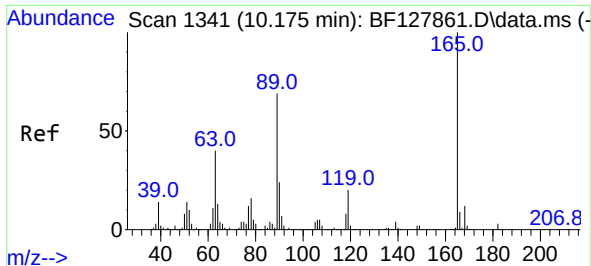


#56  
4-Nitrophenol  
Concen: 91.846 ng  
RT: 10.092 min Scan# 1327  
Delta R.T. 0.012 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:139 Resp: 254300  
Ion Ratio Lower Upper  
139 100  
109 91.1 61.9 101.9  
65 112.1 93.5 133.5





#57  
2,4-Dinitrotoluene  
Concen: 56.656 ng  
RT: 10.157 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

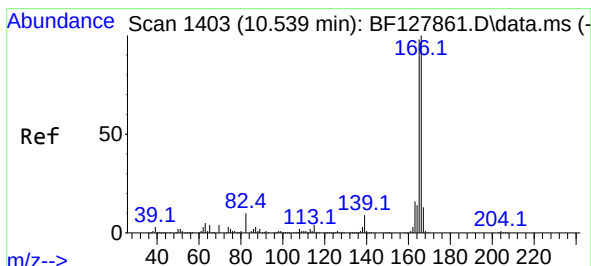
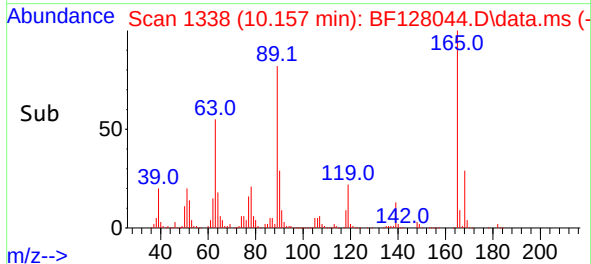
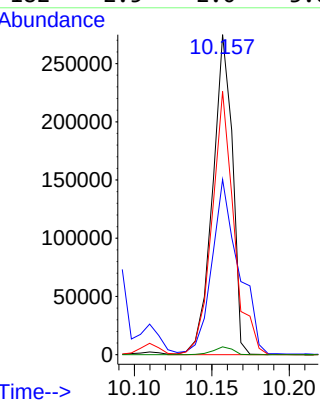
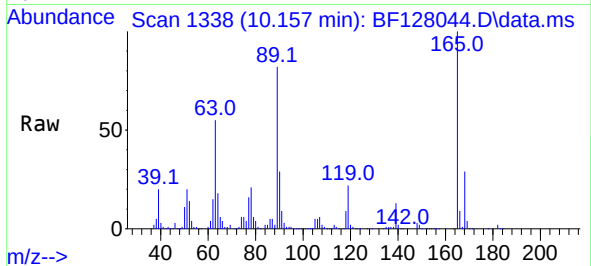
TP-25MS

Tgt Ion:165 Resp: 245049  
Ion Ratio Lower Upper  
165 100  
63 54.8 32.6 49.0  
89 82.2 55.2 82.8  
182 2.5 2.0 3.0

Manual Integrations

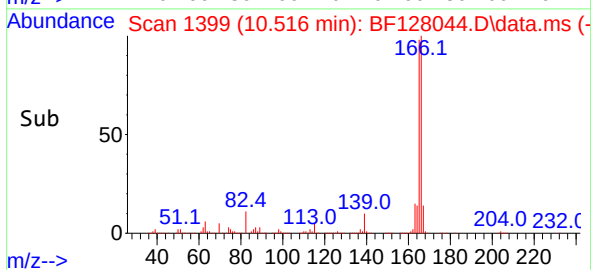
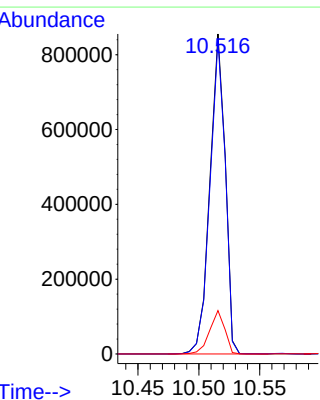
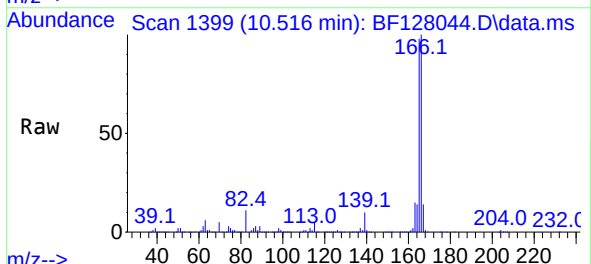
APPROVED

Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

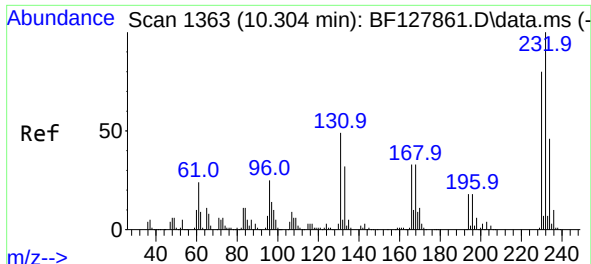


#58  
Fluorene  
Concen: 53.408 ng  
RT: 10.516 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:166 Resp: 749821  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.6 117.8  
167 13.5 10.5 15.7

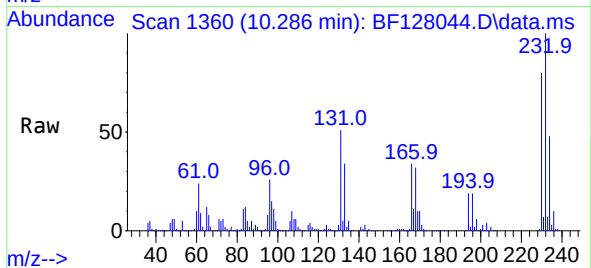






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.713 ng  
RT: 10.286 min Scan# 1360  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

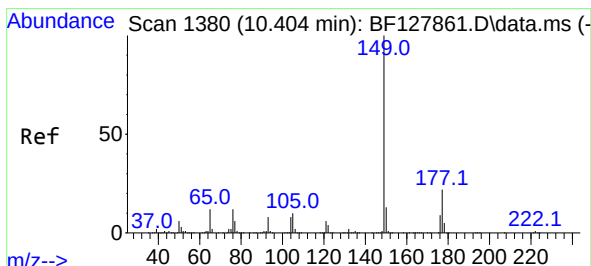
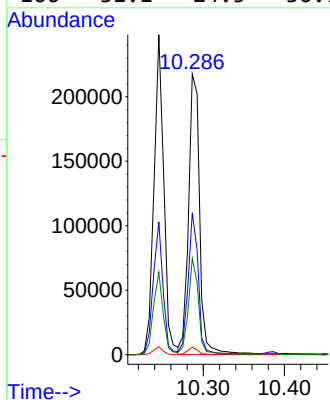
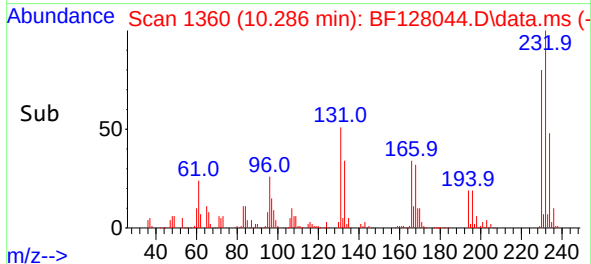
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



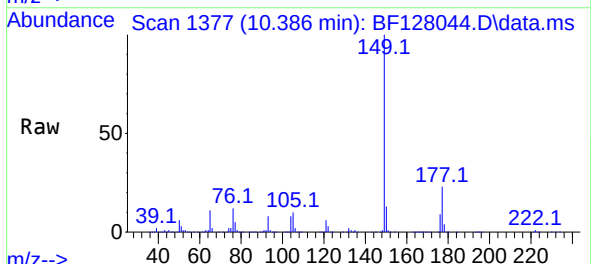
Tgt Ion:232 Resp: 20617  
Ion Ratio Lower Upper  
232 100  
131 46.3 35.4 53.2  
130 2.5 1.9 2.9  
166 31.1 24.5 36.7

Manual Integrations  
APPROVED

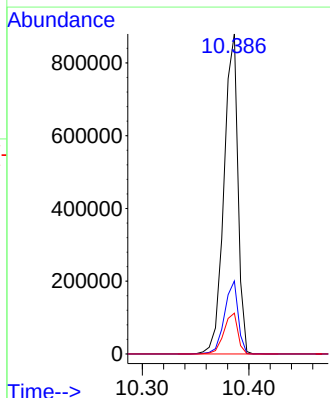
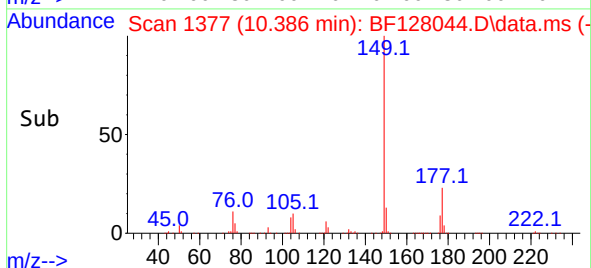
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

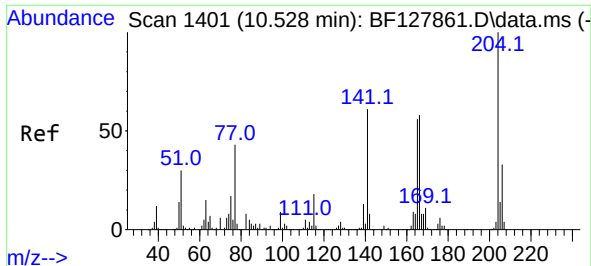


#60  
Diethylphthalate  
Concen: 53.884 ng  
RT: 10.386 min Scan# 1377  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



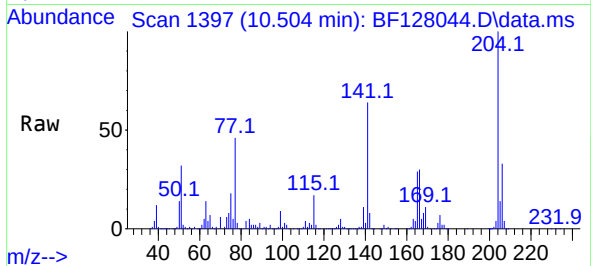
Tgt Ion:149 Resp: 796856  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.8 26.8  
150 12.8 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 53.188 ng  
RT: 10.504 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

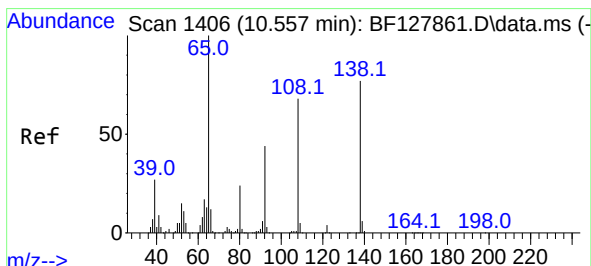
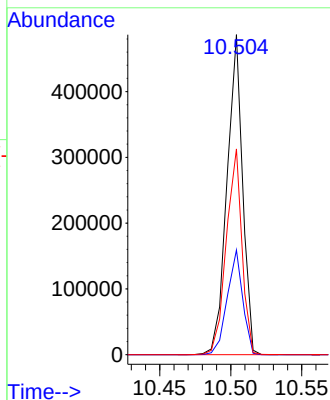
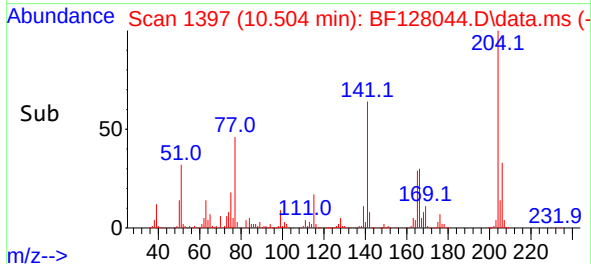
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



Tgt Ion:204 Resp: 37107  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.5 39.7  
141 64.3 48.7 73.1

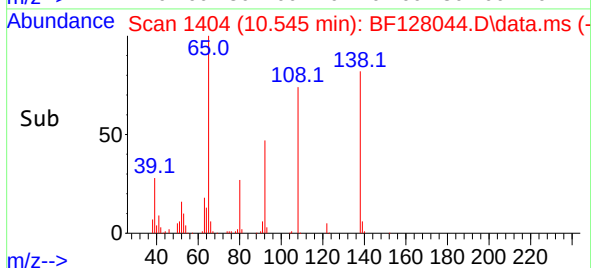
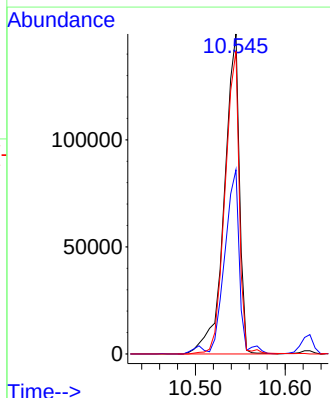
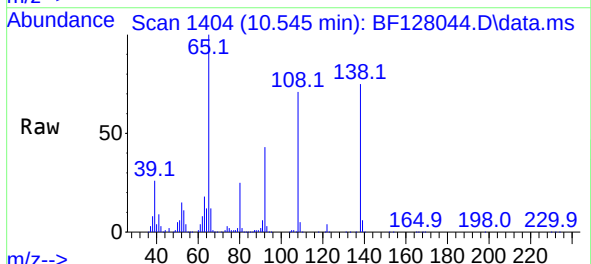
Manual Integrations  
APPROVED

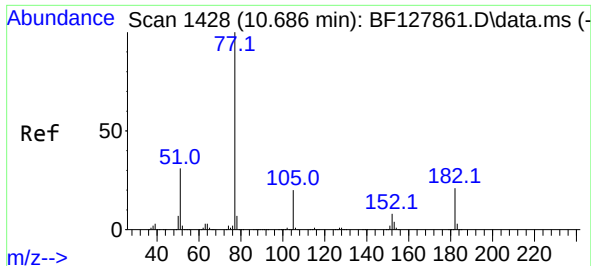
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#62  
4-Nitroaniline  
Concen: 49.184 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

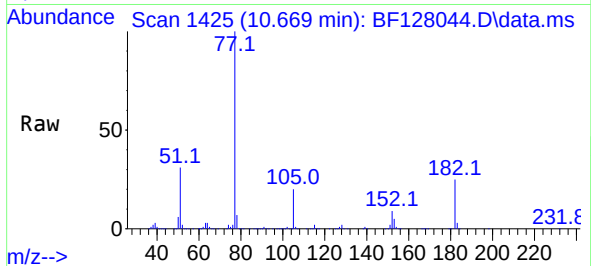
Tgt Ion:138 Resp: 174351  
Ion Ratio Lower Upper  
138 100  
92 57.5 37.4 77.4  
108 94.6 68.4 108.4





#63  
Azobenzene  
Concen: 52.473 ng  
RT: 10.669 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

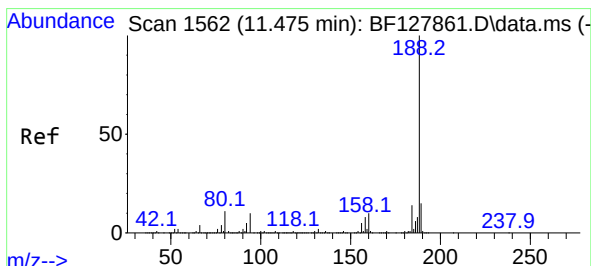
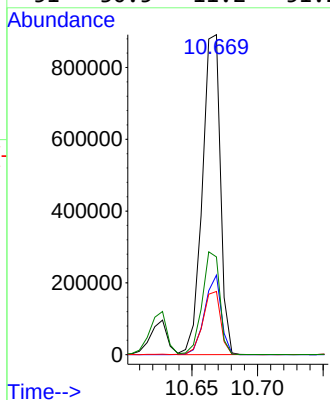
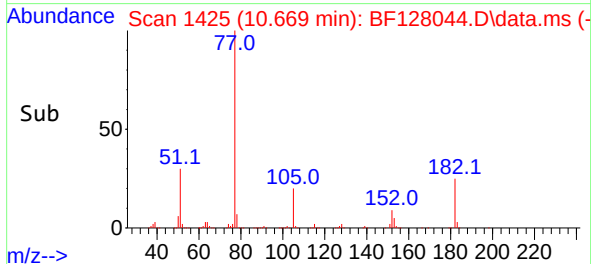
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



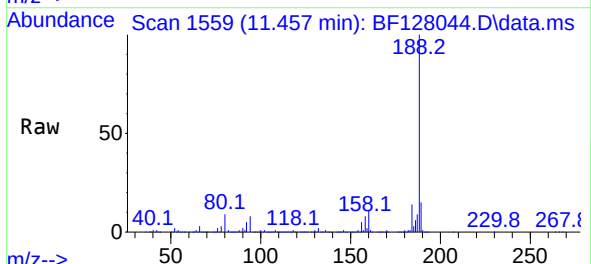
Tgt Ion: 77 Resp: 853880  
Ion Ratio Lower Upper  
77 100  
182 24.8 1.2 41.2  
105 19.8 0.0 39.8  
51 30.5 11.2 51.2

Manual Integrations  
APPROVED

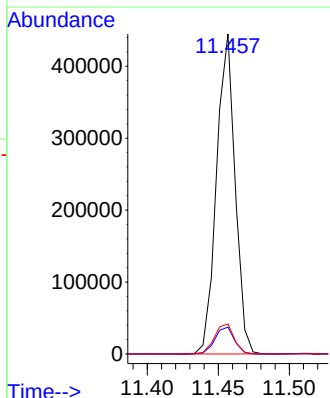
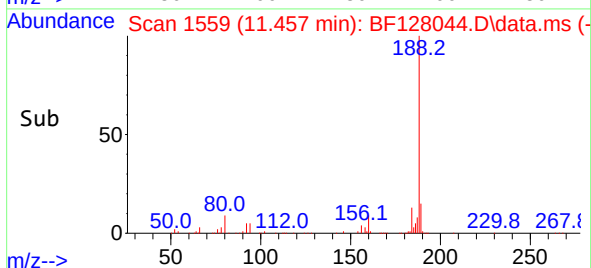
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

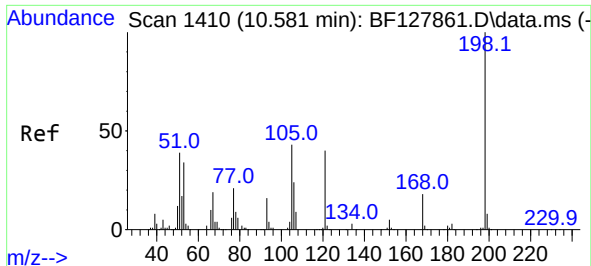


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.457 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



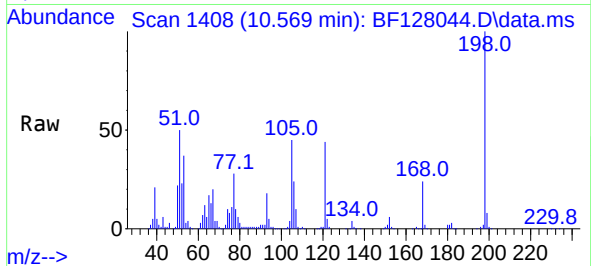
Tgt Ion:188 Resp: 404085  
Ion Ratio Lower Upper  
188 100  
94 8.4 8.0 12.0  
80 9.3 8.9 13.3





#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.099 ng  
RT: 10.569 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

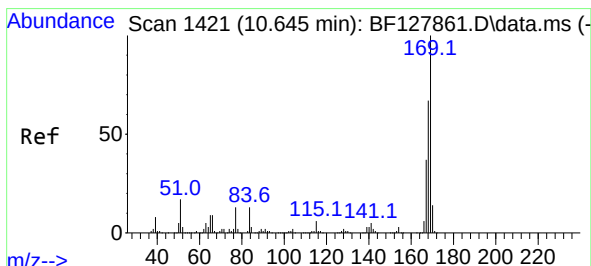
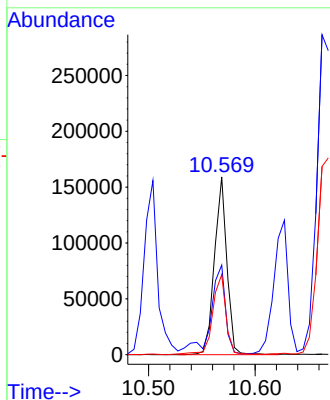
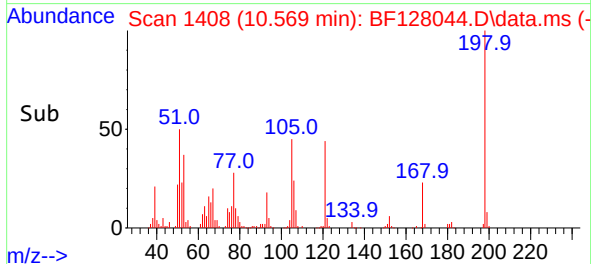
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



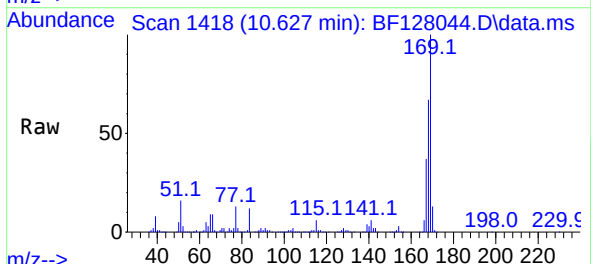
Tgt Ion:198 Resp: 129894  
Ion Ratio Lower Upper  
198 100  
51 50.4 28.4 68.4  
105 45.0 23.4 63.4

Manual Integrations  
APPROVED

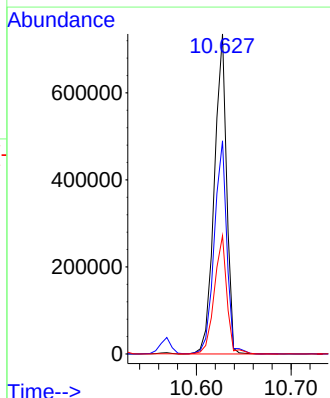
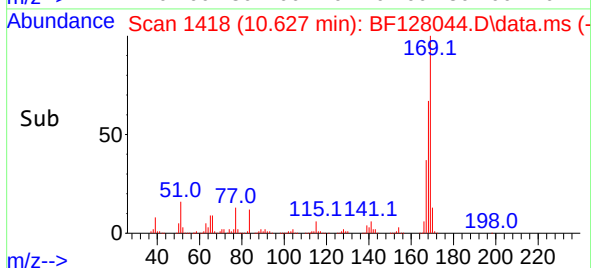
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

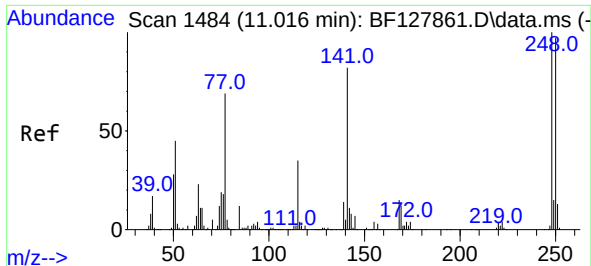


#66  
n-Nitrosodiphenylamine  
Concen: 52.536 ng  
RT: 10.627 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:169 Resp: 660562  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.8 80.6  
167 37.0 29.5 44.3





#67  
4-Bromophenyl-phenylether  
Concen: 53.556 ng  
RT: 10.998 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

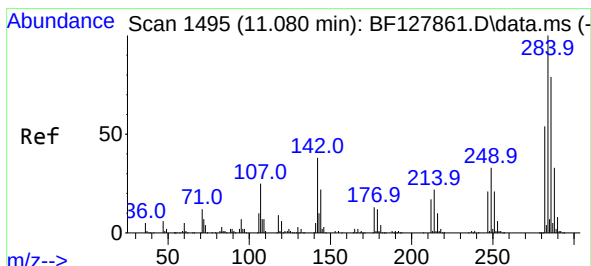
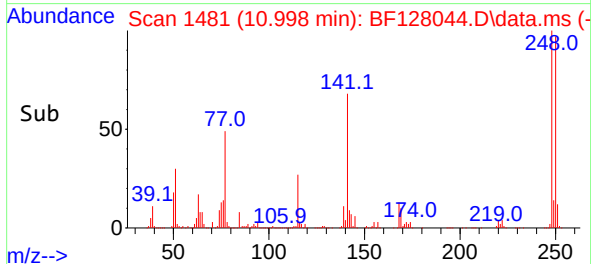
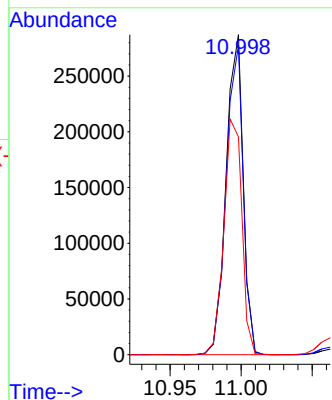
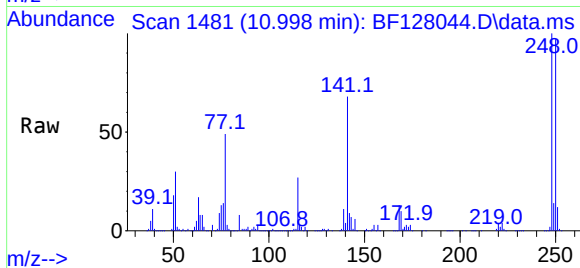
TP-25MS

Tgt Ion:248 Resp: 23990  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.7 116.5  
141 68.1 65.6 98.4

Manual Integrations

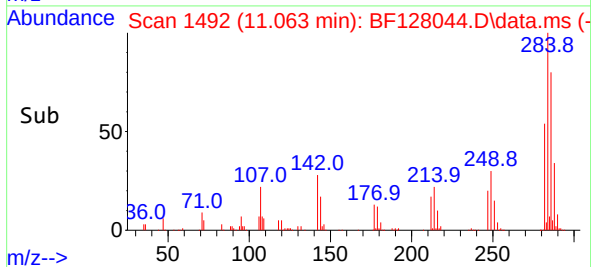
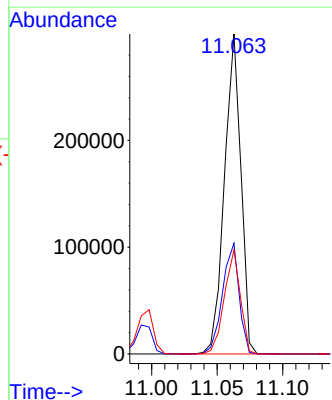
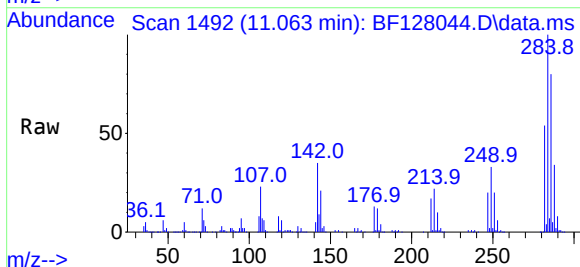
APPROVED

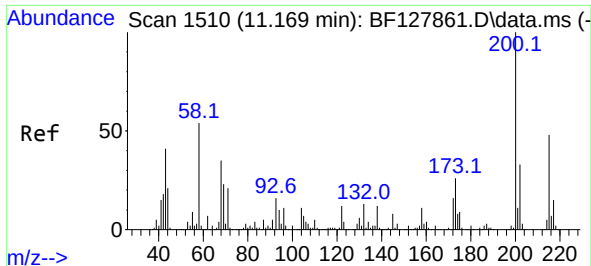
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#68  
Hexachlorobenzene  
Concen: 55.200 ng  
RT: 11.063 min Scan# 1492  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

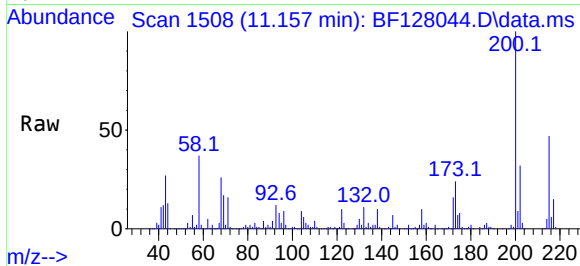
Tgt Ion:284 Resp: 260522  
Ion Ratio Lower Upper  
284 100  
142 34.6 30.2 45.4  
249 32.5 26.1 39.1





#69  
Atrazine  
Concen: 61.461 ng  
RT: 11.157 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

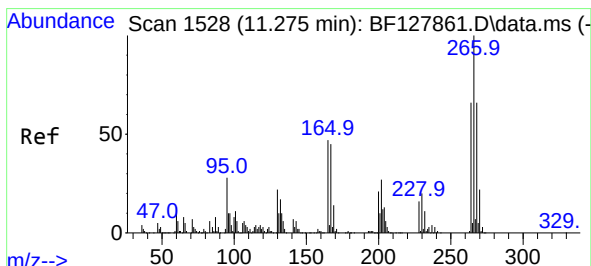
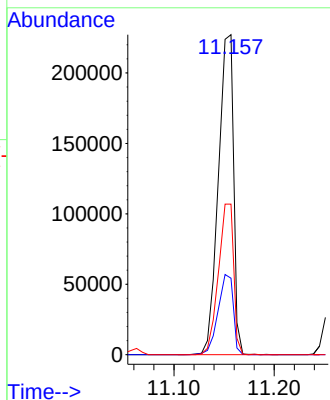
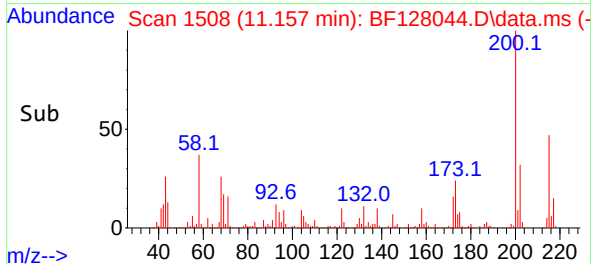
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



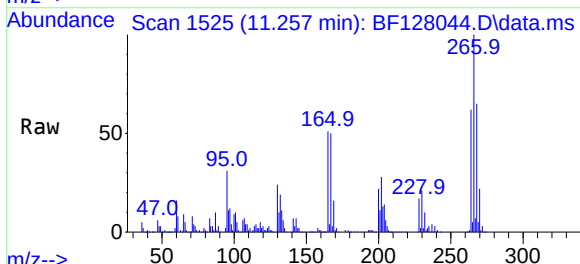
Tgt Ion:200 Resp: 23895  
Ion Ratio Lower Upper  
200 100  
173 23.9 6.0 46.0  
215 47.0 28.1 68.1

Manual Integrations  
APPROVED

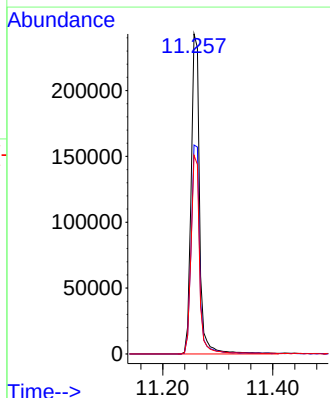
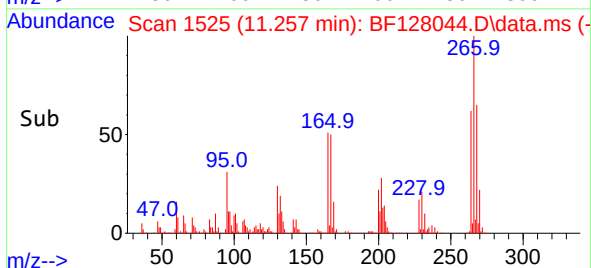
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

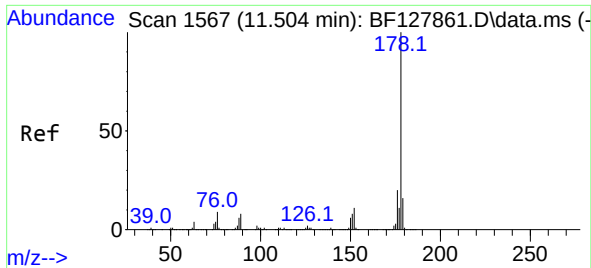


#70  
Pentachlorophenol  
Concen: 92.984 ng  
RT: 11.257 min Scan# 1525  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:266 Resp: 258172  
Ion Ratio Lower Upper  
266 100  
268 65.3 53.0 79.6  
264 62.1 53.1 79.7





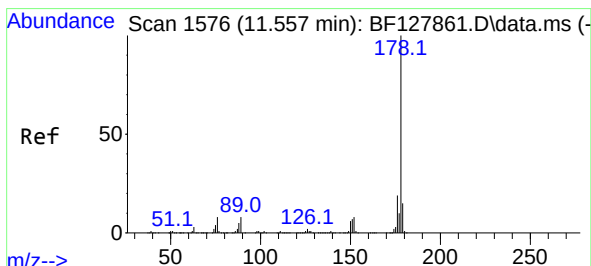
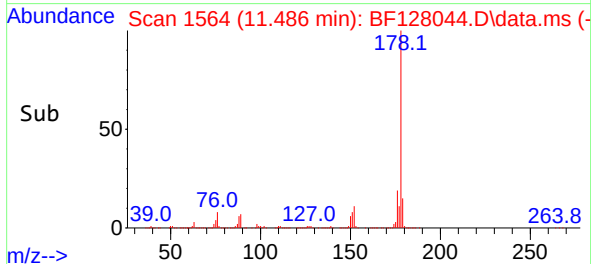
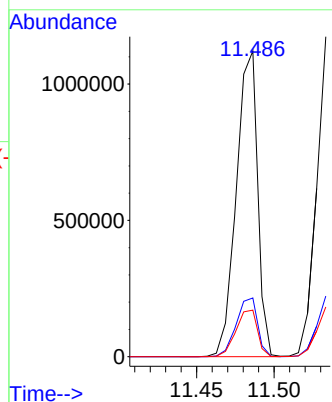
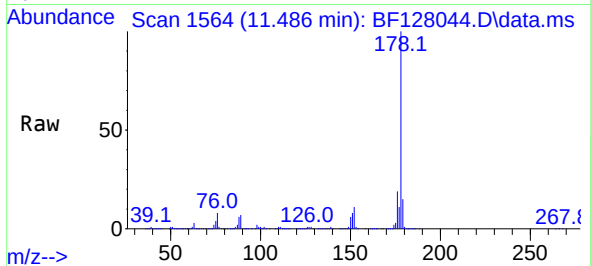
#71  
Phenanthrene  
Concen: 50.707 ng  
RT: 11.486 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS

Tgt Ion:178 Resp: 107255  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.7 23.5  
179 15.2 12.6 19.0

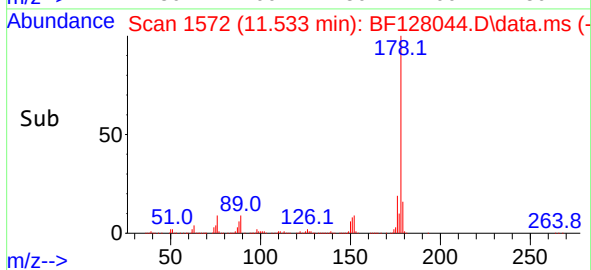
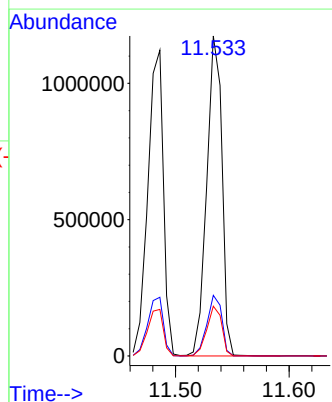
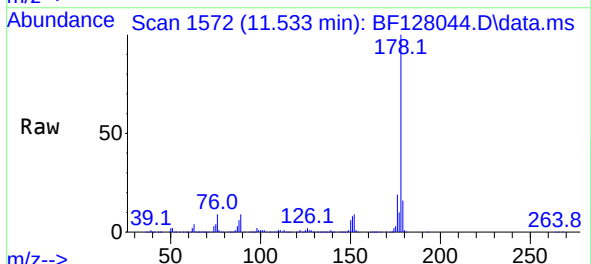
Manual Integrations  
APPROVED

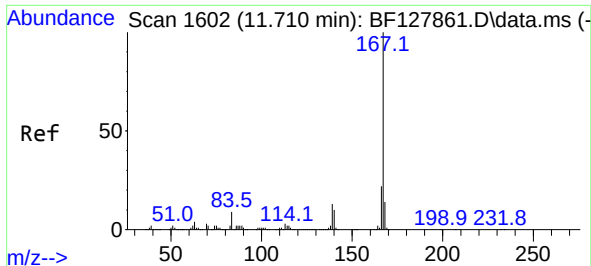
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#72  
Anthracene  
Concen: 51.688 ng  
RT: 11.533 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

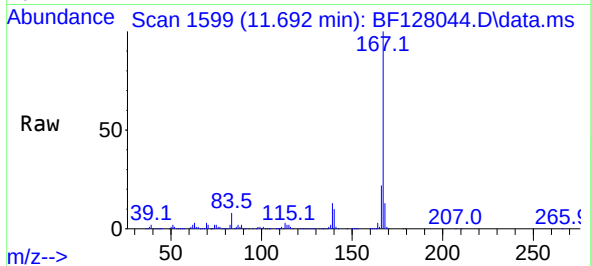
Tgt Ion:178 Resp: 1089097  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.0 22.6  
179 15.5 12.4 18.6





#73  
 Carbazole  
 Concen: 45.324 ng  
 RT: 11.692 min Scan# 1599  
 Delta R.T. 0.006 min  
 Lab File: BF128044.D  
 Acq: 03 May 2022 14:26

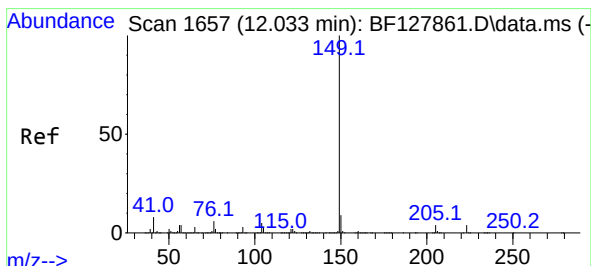
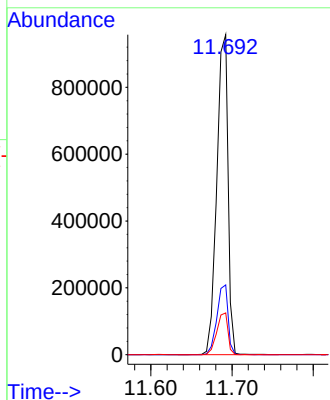
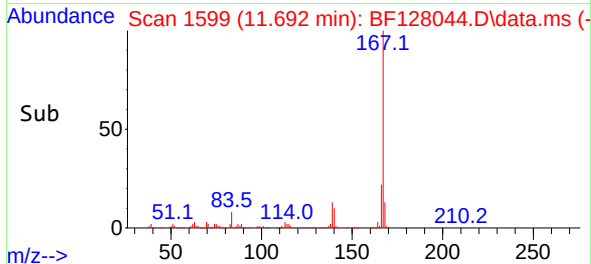
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-25MS



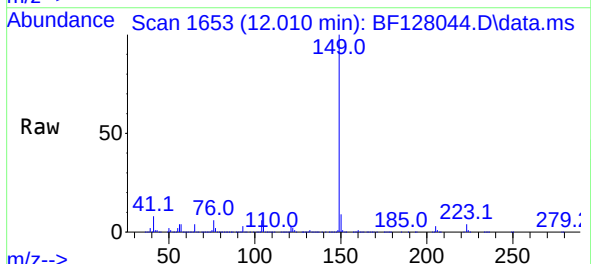
Tgt Ion:167 Resp: 920418  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.6 26.4  
 139 13.0 10.7 16.1

Manual Integrations  
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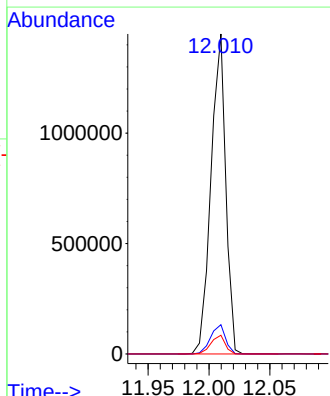
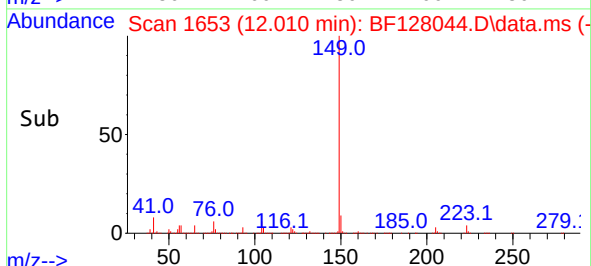
Reviewed By :Christian Giraldo 05/04/2022  
 Supervised By :Jagrut Upadhyay 05/04/2022



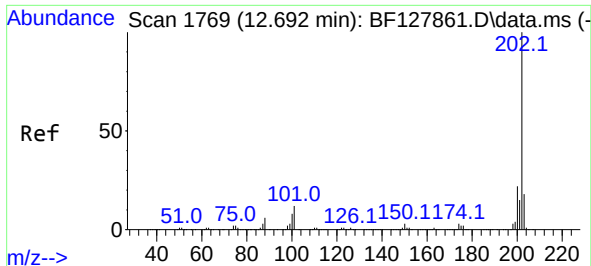
#74  
 Di-n-butylphthalate  
 Concen: 53.598 ng  
 RT: 12.010 min Scan# 1653  
 Delta R.T. -0.000 min  
 Lab File: BF128044.D  
 Acq: 03 May 2022 14:26



Tgt Ion:149 Resp: 1223898  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 5.8 4.3 6.5

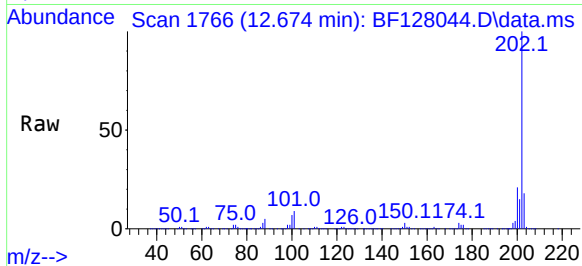






#75  
Fluoranthene  
Concen: 44.186 ng  
RT: 12.674 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

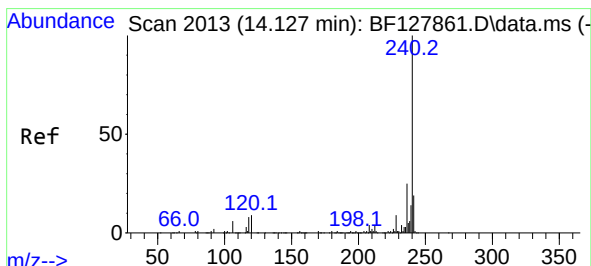
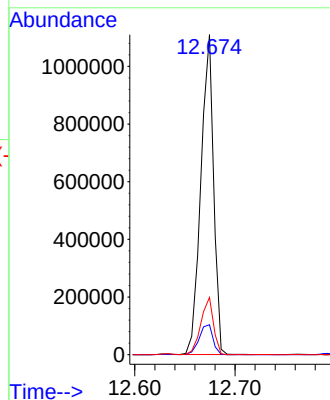
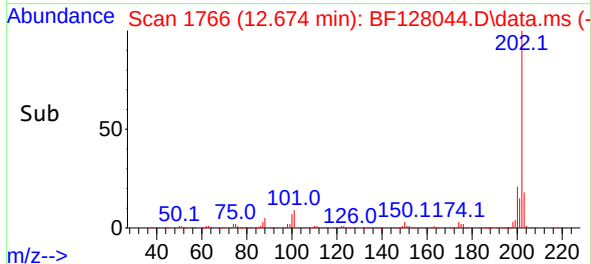
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



Tgt Ion:202 Resp: 983662  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 31.6  
203 17.9 0.0 38.1

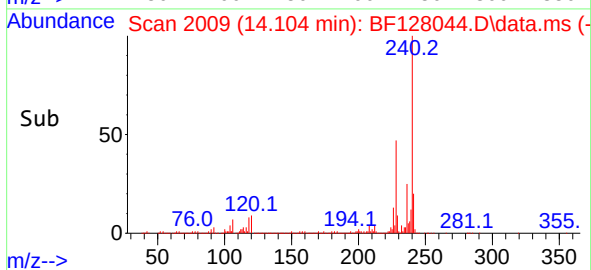
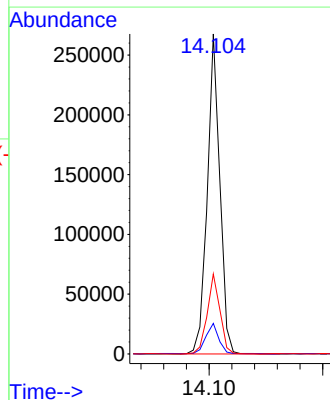
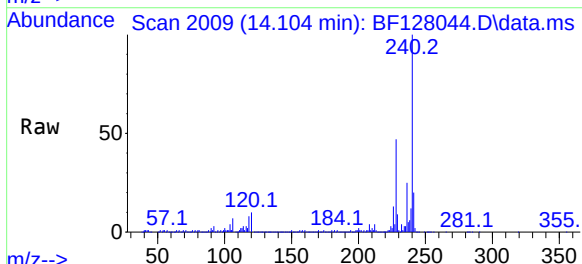
Manual Integrations  
APPROVED

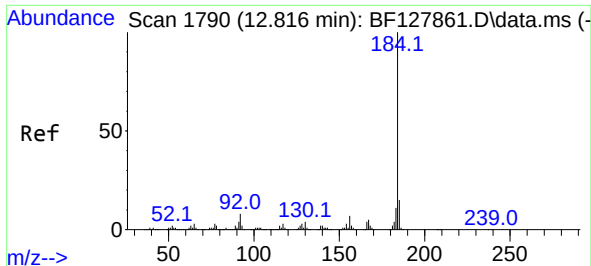
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.104 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:240 Resp: 204377  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.0 10.6  
236 25.0 20.3 30.5





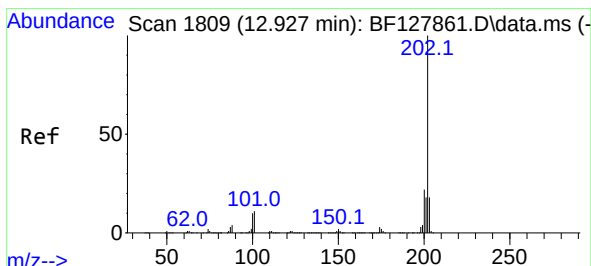
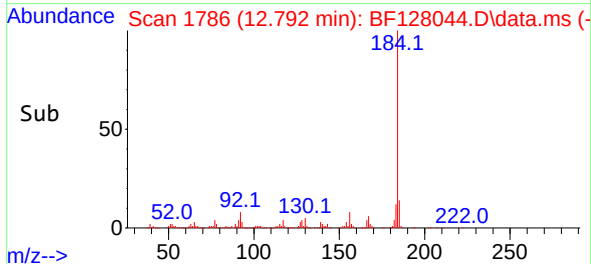
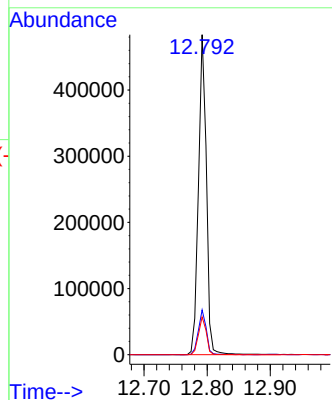
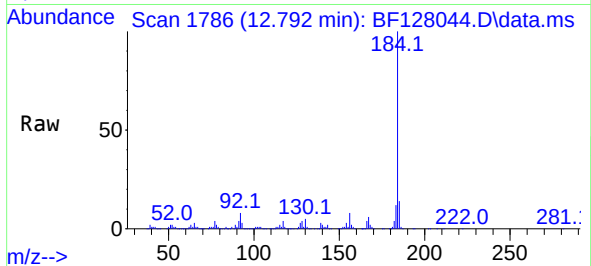
#77  
Benzidine  
Concen: 108.523 ng  
RT: 12.792 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS

Tgt Ion:184 Resp: 41967  
Ion Ratio Lower Upper  
184 100  
185 14.0 12.1 18.1  
183 11.8 9.0 13.4

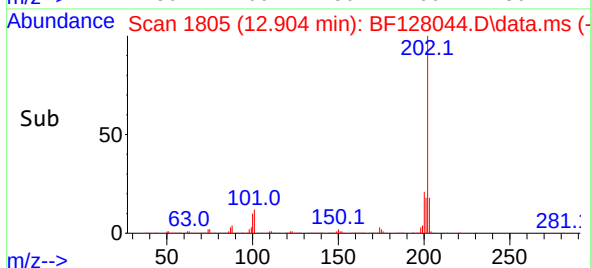
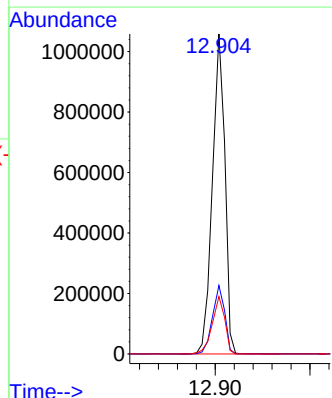
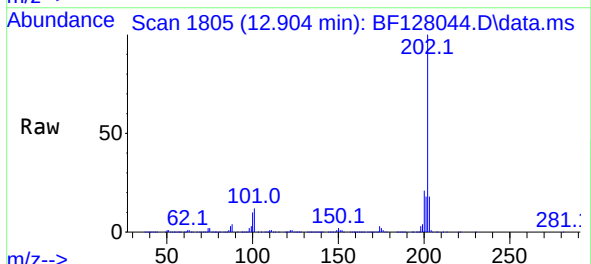
Manual Integrations  
APPROVED

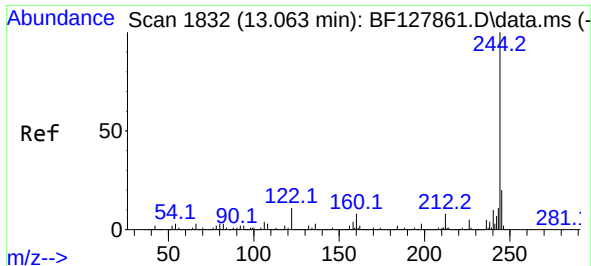
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#78  
Pyrene  
Concen: 58.357 ng  
RT: 12.904 min Scan# 1805  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:202 Resp: 962792  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.4 26.2  
203 17.9 14.0 21.0





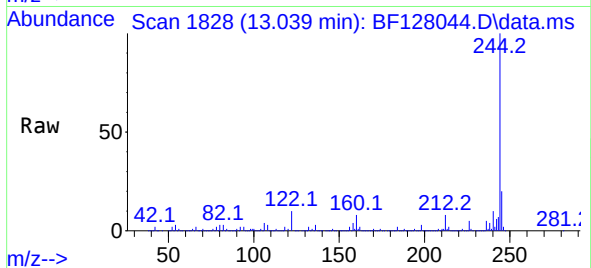
#79  
Terphenyl-d14  
Concen: 103.887 ng  
RT: 13.039 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

TP-25MS

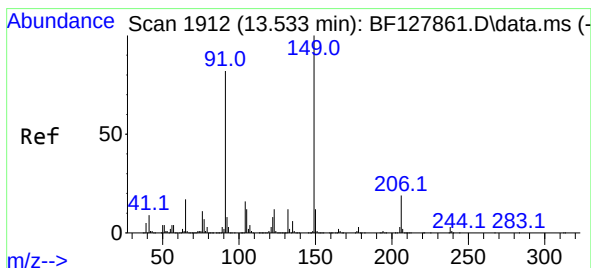
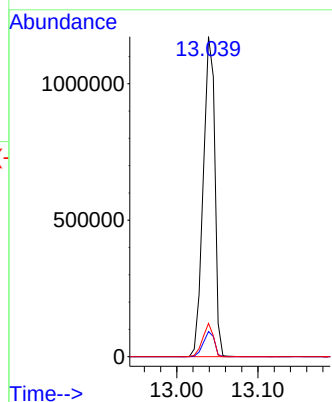
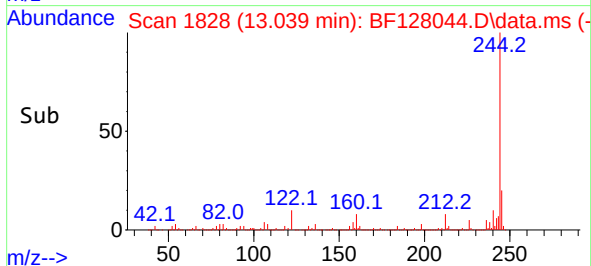


Tgt Ion:244 Resp: 1161138  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.2 9.4  
122 10.4 8.6 12.8

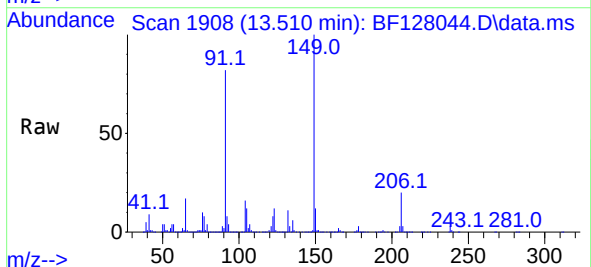
Manual Integrations

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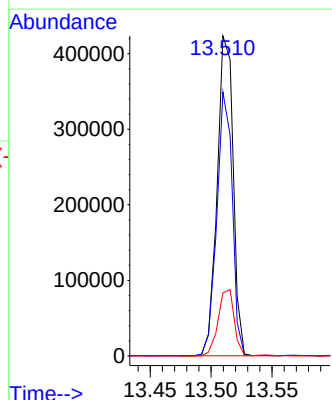
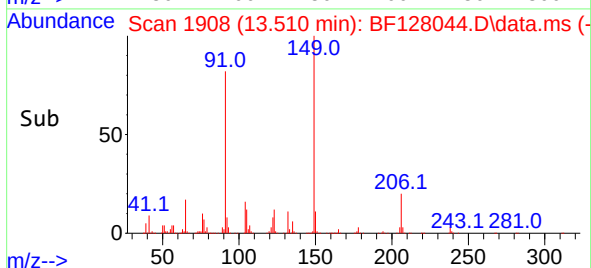
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

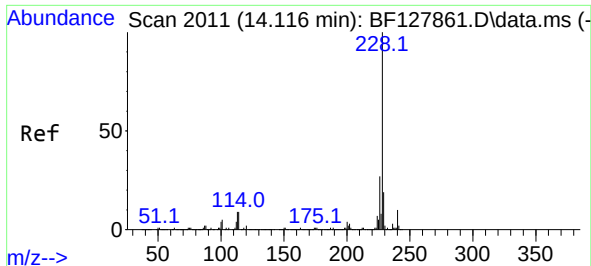


#80  
Butylbenzylphthalate  
Concen: 60.085 ng  
RT: 13.510 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:149 Resp: 388543  
Ion Ratio Lower Upper  
149 100  
91 82.5 65.8 98.6  
206 19.8 15.4 23.2





#81  
Benzo(a)anthracene  
Concen: 53.471 ng  
RT: 14.092 min Scan# 2000  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

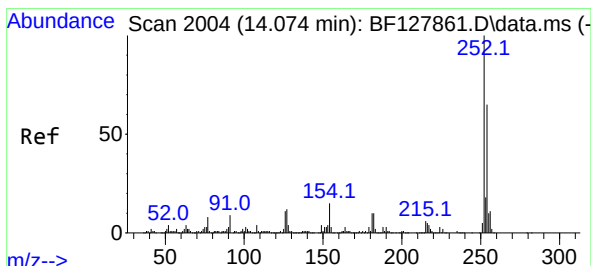
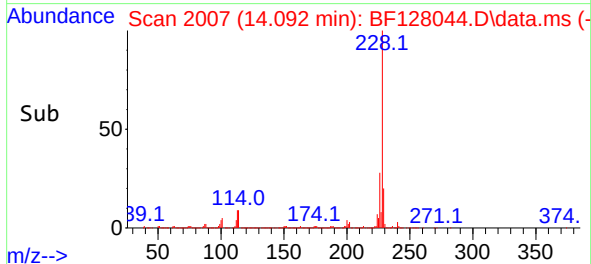
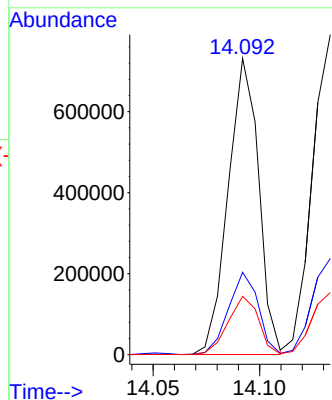
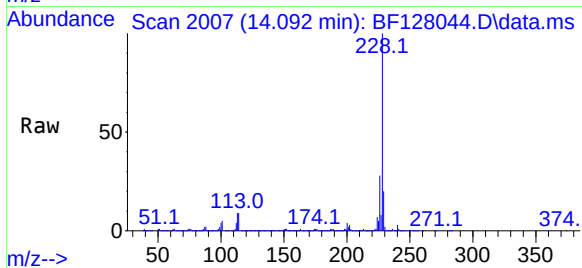
TP-25MS

Tgt Ion:228 Resp: 72840  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.7 32.5  
229 19.7 15.4 23.2

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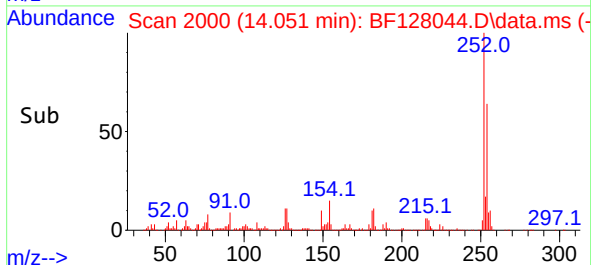
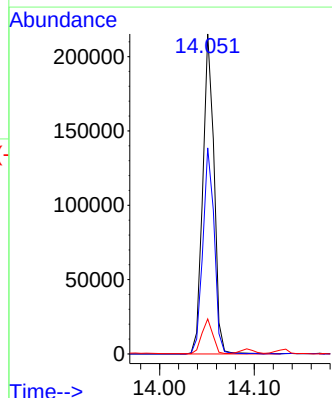
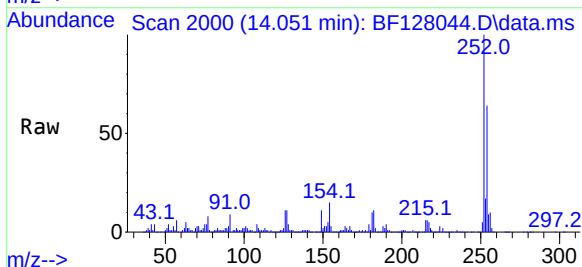
APPROVED

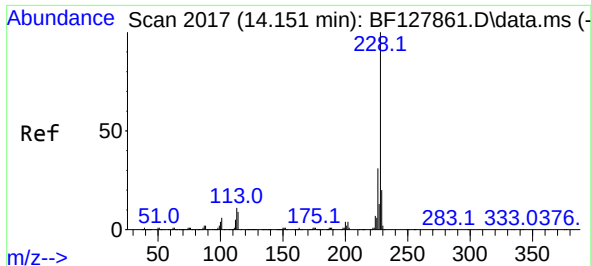
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 41.061 ng  
RT: 14.051 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:252 Resp: 177601  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.6 77.4  
126 10.9 8.8 13.2





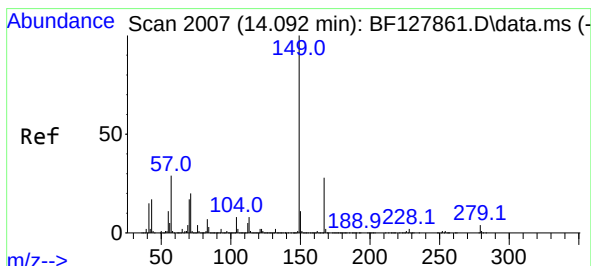
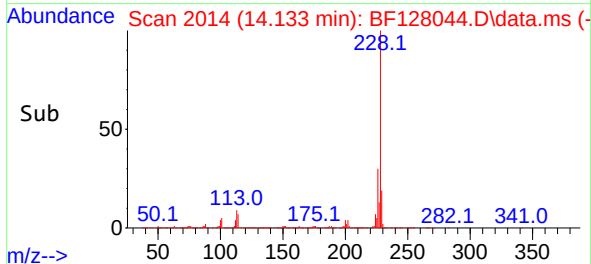
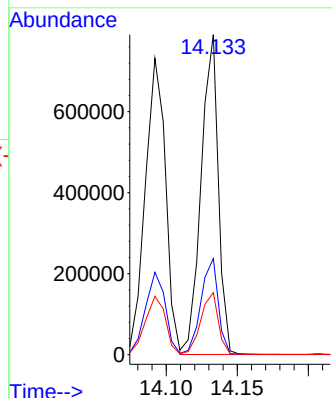
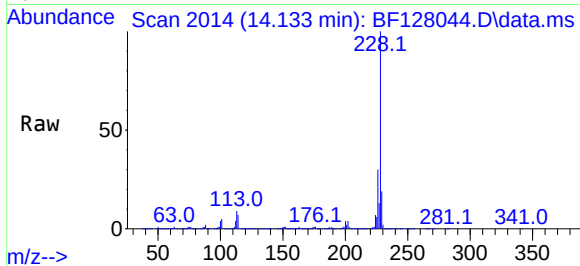
#83  
Chrysene  
Concen: 51.154 ng  
RT: 14.133 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS

Tgt Ion:228 Resp: 665508  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.4 36.6  
229 19.4 15.8 23.8

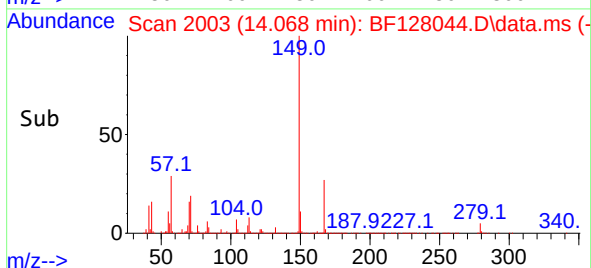
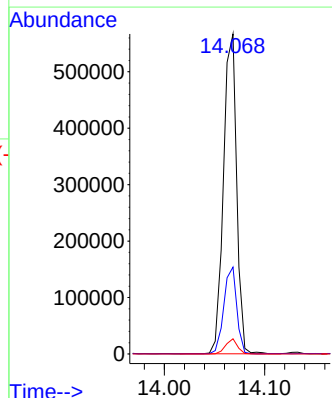
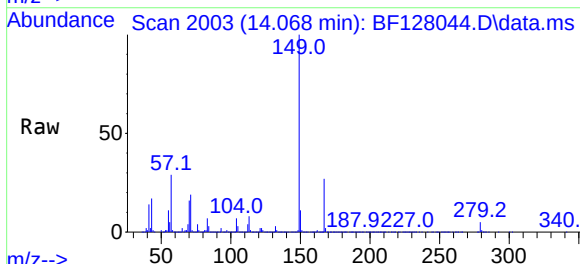
Manual Integrations  
APPROVED

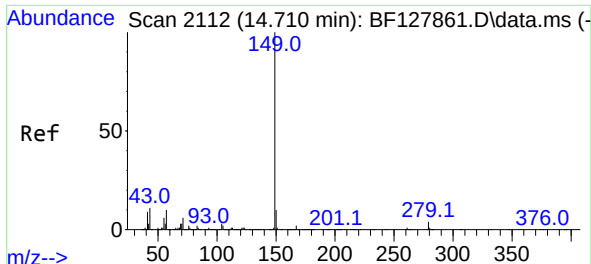
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 60.076 ng  
RT: 14.068 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

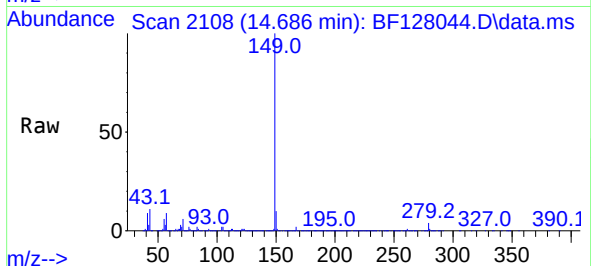
Tgt Ion:149 Resp: 515186  
Ion Ratio Lower Upper  
149 100  
167 27.1 22.0 33.0  
279 4.8 3.4 5.0





#85  
Di-n-octyl phthalate  
Concen: 59.790 ng  
RT: 14.686 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

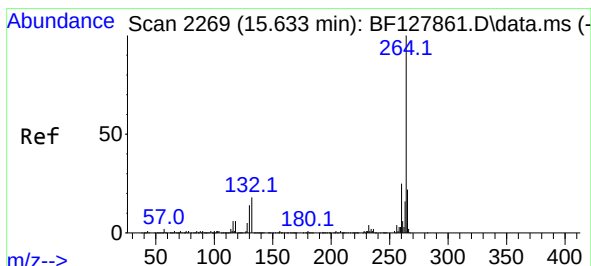
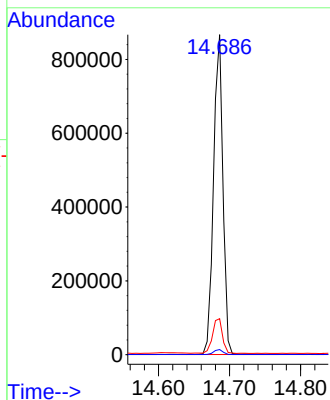
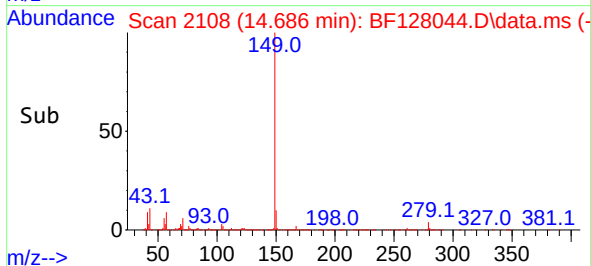
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25MS



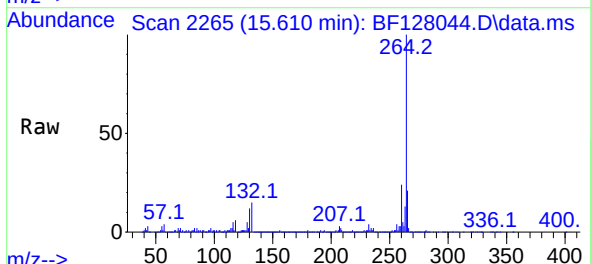
Tgt Ion:149 Resp: 794584  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.4 8.9 13.3

Manual Integrations  
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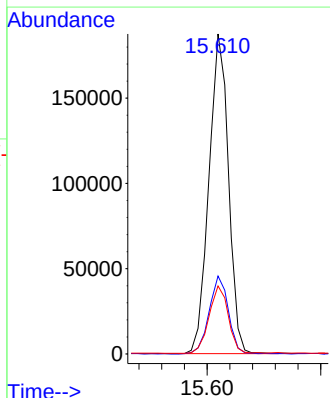
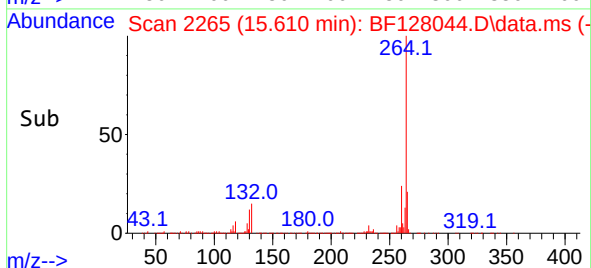
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022

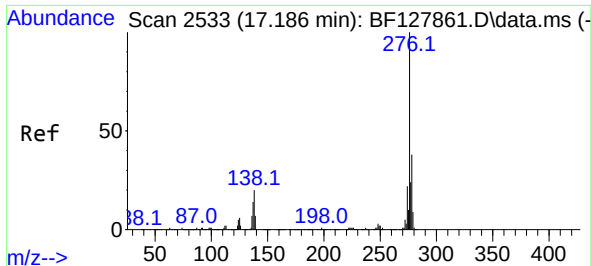


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.610 min Scan# 2265  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26



Tgt Ion:264 Resp: 224077  
Ion Ratio Lower Upper  
264 100  
260 24.3 20.1 30.1  
265 21.3 17.5 26.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 53.494 ng  
RT: 17.162 min Scan# 2190  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

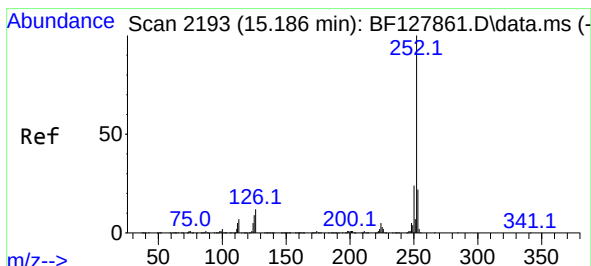
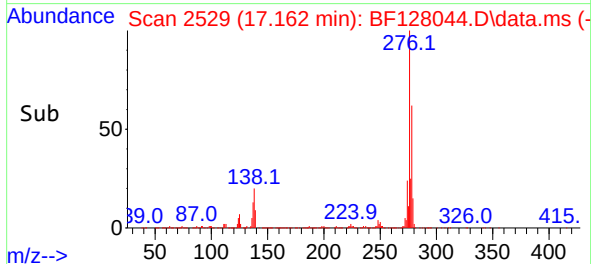
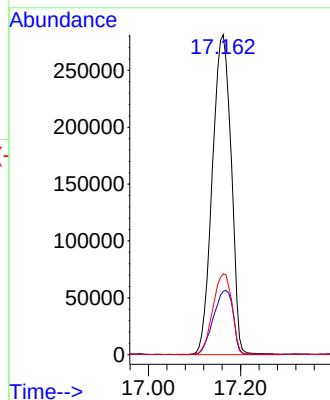
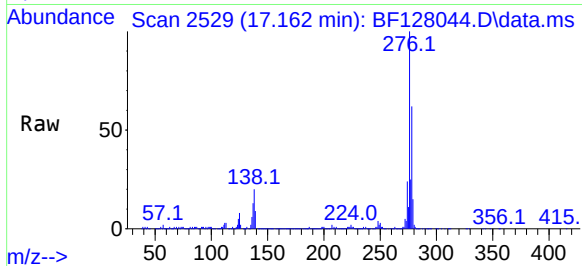
ClientSampleId :

TP-25MS

Tgt Ion:276 Resp: 800091  
Ion Ratio Lower Upper  
276 100  
138 20.9 19.0 28.4  
277 25.6 20.1 30.1

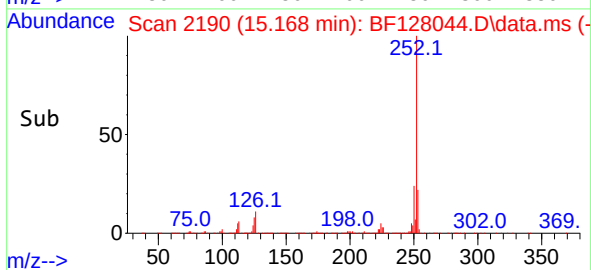
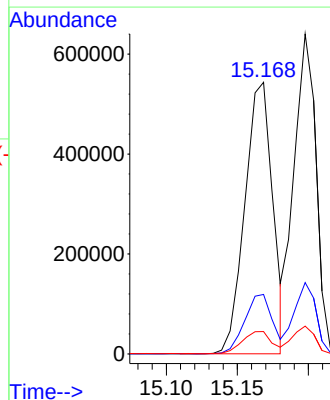
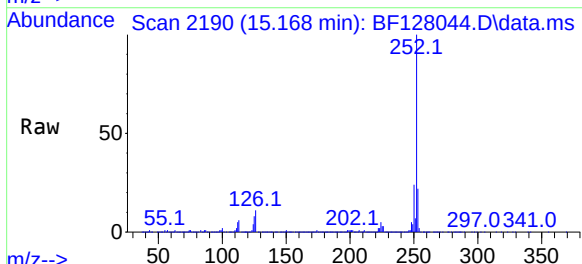
Manual Integrations  
APPROVED

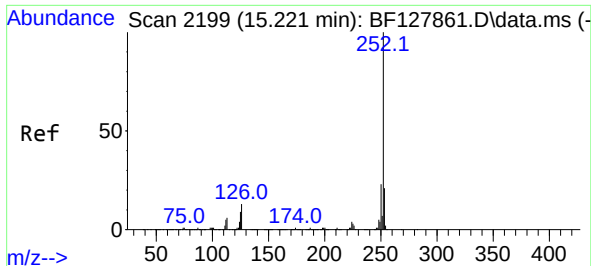
Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#88  
Benzo(b)fluoranthene  
Concen: 52.558 ng  
RT: 15.168 min Scan# 2190  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:252 Resp: 739706  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 8.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 48.841 ng

RT: 15.198 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF128044.D

Acq: 03 May 2022 14:26

Instrument :

BNA\_F

ClientSampleId :

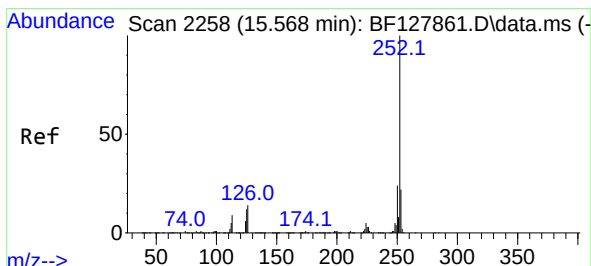
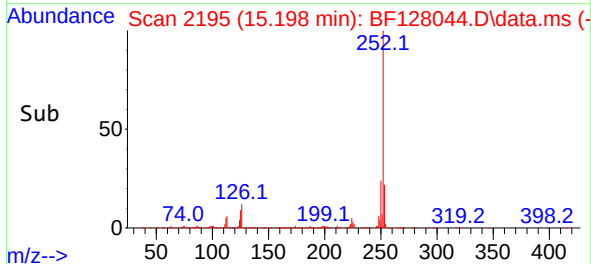
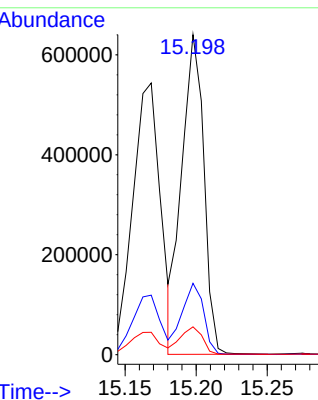
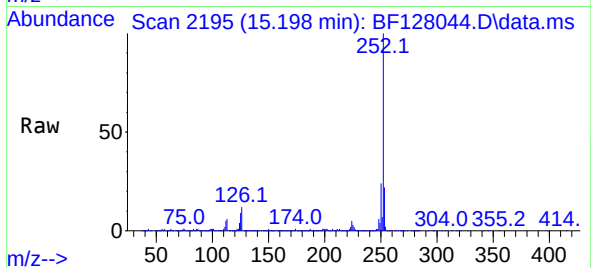
TP-25MS

Tgt Ion:252 Resp: 692530  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.0 25.4  
 125 8.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2022  
 Supervised By :Jagrut Upadhyay 05/04/2022



#90

Benzo(a)pyrene

Concen: 62.129 ng

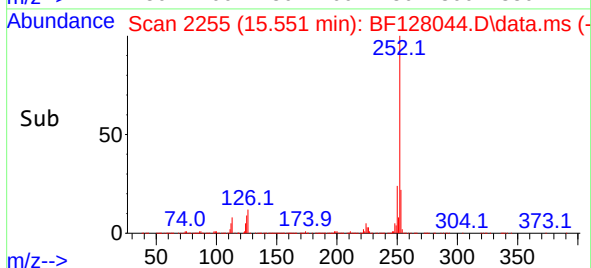
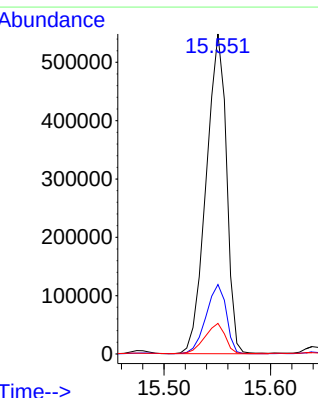
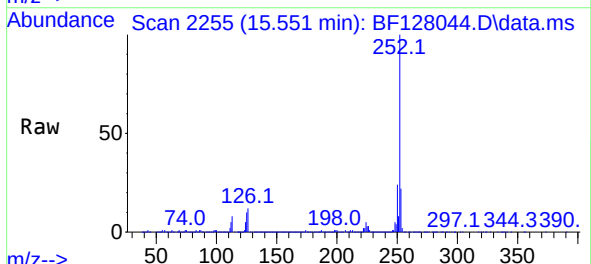
RT: 15.551 min Scan# 2255

Delta R.T. -0.000 min

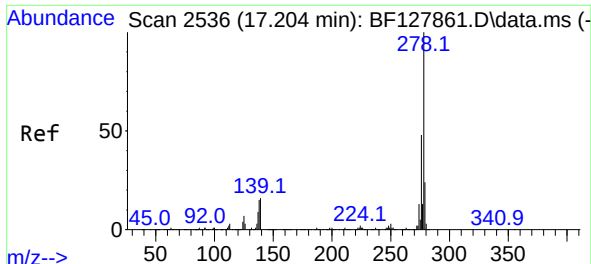
Lab File: BF128044.D

Acq: 03 May 2022 14:26

Tgt Ion:252 Resp: 725307  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.8 26.6  
 125 9.6 9.2 13.8







#91  
Dibenzo(a,h)anthracene  
Concen: 57.339 ng  
RT: 17.180 min Scan# 210  
Delta R.T. 0.006 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Instrument :

BNA\_F

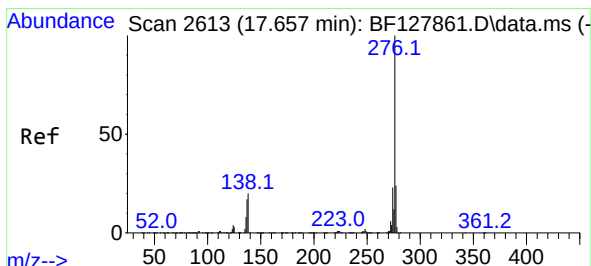
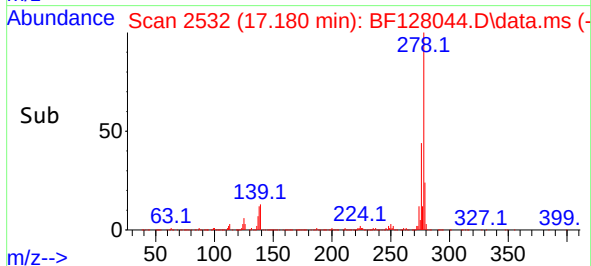
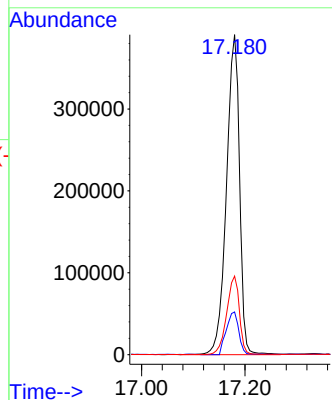
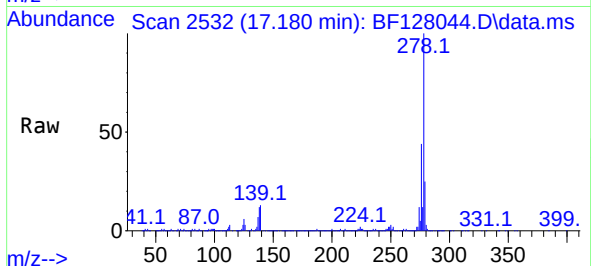
ClientSampleId :

TP-25MS

Tgt Ion:278 Resp: 68779  
Ion Ratio Lower Upper  
278 100  
139 13.4 12.6 19.0  
279 24.6 18.9 28.3

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/04/2022  
Supervised By :Jagrut Upadhyay 05/04/2022



#92  
Benzo(g,h,i)perylene  
Concen: 52.568 ng  
RT: 17.633 min Scan# 2609  
Delta R.T. -0.000 min  
Lab File: BF128044.D  
Acq: 03 May 2022 14:26

Tgt Ion:276 Resp: 664524  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.8 28.2  
138 18.0 16.2 24.2

