

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041922\  
 Data File : BF127850.D  
 Acq On : 19 Apr 2022 19:40  
 Operator : CG\JU  
 Sample : N2434-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RCA-EDISON-PILE-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Christian  
 Giraldo

04/20/2022  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Apr 20 03:54:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 19 17:31:18 2022  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.945  | 152  | 74202    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.228  | 136  | 265519   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10      | 9.992  | 164  | 151242   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.480 | 188  | 268947   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12          | 14.127 | 240  | 161441   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.639 | 264  | 134646   | 20.000 | ng    | 0.00     |

|                             |        |     |         |         |    |      |
|-----------------------------|--------|-----|---------|---------|----|------|
| System Monitoring Compounds |        |     |         |         |    |      |
| 5) 2-Fluorophenol           | 5.598  | 112 | 602864  | 127.282 | ng | 0.03 |
| 7) Phenol-d6                | 6.575  | 99  | 716774  | 121.184 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.516  | 82  | 616651  | 107.708 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.786 | 330 | 287659  | 156.133 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.304  | 172 | 1145696 | 98.945  | ng | 0.00 |
| 79) Terphenyl-d14           | 13.068 | 244 | 1182224 | 114.944 | ng | 0.00 |

|                               |       |     |         |         |        |      |
|-------------------------------|-------|-----|---------|---------|--------|------|
| Target Compounds              |       |     |         |         | Qvalue |      |
| 2) 1,4-Dioxane                | 3.087 | 88  | 75882m  | 34.606  | ng     |      |
| 3) Pyridine                   | 3.740 | 79  | 163888  | 26.171  | ng     | # 86 |
| 4) n-Nitrosodimethylamine     | 3.704 | 42  | 146627  | 43.724  | ng     | # 76 |
| 6) Aniline                    | 6.610 | 93  | 107946  | 15.695  | ng     | 98   |
| 8) 2-Chlorophenol             | 6.734 | 128 | 225572  | 46.941  | ng     | 94   |
| 9) Benzaldehyde               | 6.504 | 77  | 120155  | 35.546  | ng     | 98   |
| 10) Phenol                    | 6.592 | 94  | 255795m | 43.119  | ng     |      |
| 11) bis(2-Chloroethyl)ether   | 6.686 | 93  | 235959  | 48.381  | ng     | 89   |
| 12) 1,3-Dichlorobenzene       | 6.886 | 146 | 253060  | 44.299  | ng     | 99   |
| 13) 1,4-Dichlorobenzene       | 6.963 | 146 | 260845  | 47.652  | ng     | 97   |
| 14) 1,2-Dichlorobenzene       | 7.116 | 146 | 245435  | 47.125  | ng     | 96   |
| 15) Benzyl Alcohol            | 7.086 | 79  | 220606  | 42.852  | ng     | 95   |
| 16) 2,2'-oxybis(1-Chloropr... | 7.216 | 45  | 302380  | 43.108  | ng     | 86   |
| 17) 2-Methylphenol            | 7.192 | 107 | 193291  | 47.996  | ng     | # 91 |
| 18) Hexachloroethane          | 7.457 | 117 | 100826  | 44.775  | ng     | 95   |
| 19) n-Nitroso-di-n-propyla... | 7.363 | 70  | 190578  | 46.942  | ng     | 97   |
| 20) 3+4-Methylphenols         | 7.345 | 107 | 234519  | 43.952  | ng     | # 83 |
| 22) Acetophenone              | 7.357 | 105 | 357128  | 55.997  | ng     | # 89 |
| 24) Nitrobenzene              | 7.533 | 77  | 298192  | 55.906  | ng     | 99   |
| 25) Isophorone                | 7.769 | 82  | 511867  | 53.137  | ng     | 99   |
| 26) 2-Nitrophenol             | 7.845 | 139 | 118059  | 50.716  | ng     | # 88 |
| 27) 2,4-Dimethylphenol        | 7.875 | 122 | 201181  | 54.710  | ng     | 85   |
| 28) bis(2-Chloroethoxy)met... | 7.975 | 93  | 284238  | 49.440  | ng     | 99   |
| 29) 2,4-Dichlorophenol        | 8.086 | 162 | 208176  | 48.279  | ng     | 94   |
| 30) 1,2,4-Trichlorobenzene    | 8.163 | 180 | 244527  | 48.070  | ng     | 98   |
| 31) Naphthalene               | 8.251 | 128 | 671492  | 48.830  | ng     | 98   |
| 32) Benzoic acid              | 7.969 | 122 | 44061   | 16.747  | ng     | 99   |
| 33) 4-Chloroaniline           | 8.292 | 127 | 40655   | 7.449   | ng     | 98   |
| 34) Hexachlorobutadiene       | 8.363 | 225 | 183502  | 48.750  | ng     | 96   |
| 35) Caprolactam               | 8.680 | 113 | 44916m  | 33.166  | ng     |      |
| 36) 4-Chloro-3-methylphenol   | 8.780 | 107 | 221542  | 43.882  | ng     | 95   |
| 37) 2-Methylnaphthalene       | 8.939 | 142 | 458713  | 46.299  | ng     | 100  |
| 38) 1-Methylnaphthalene       | 9.045 | 142 | 435057  | 45.394  | ng     | 98   |
| 40) 1,2,4,5-Tetrachloroben... | 9.104 | 216 | 264387  | 48.288  | ng     | # 97 |
| 41) Hexachlorocyclopentadiene | 9.092 | 237 | 350919  | 105.182 | ng     | 97   |
| 43) 2,4,6-Trichlorophenol     | 9.222 | 196 | 161410  | 44.052  | ng     | 100  |

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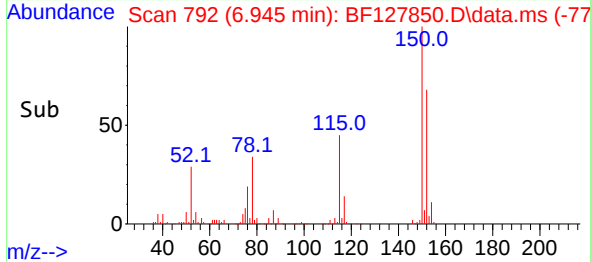
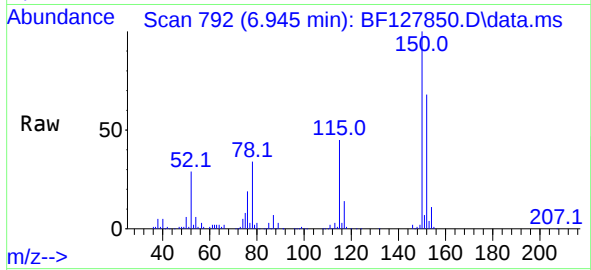
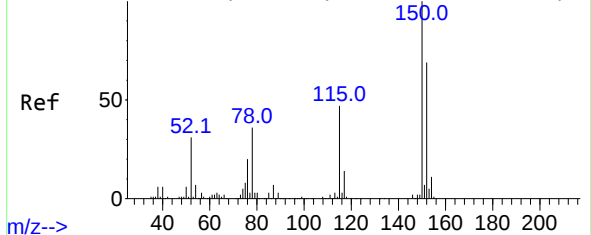
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|--------|-------|----------|----|
| 44) 2,4,5-Trichlorophenol     | 9.263  | 196  | 167205   | 43.112 | ng    | 98       |    |
| 46) 1,1'-Biphenyl             | 9.410  | 154  | 586636   | 48.335 | ng    | 98       |    |
| 47) 2-Chloronaphthalene       | 9.433  | 162  | 448655   | 45.790 | ng    | 97       |    |
| 48) 2-Nitroaniline            | 9.533  | 65   | 152689   | 44.928 | ng    | 97       |    |
| 49) Acenaphthylene            | 9.857  | 152  | 717291   | 51.140 | ng    | 99       |    |
| 50) Dimethylphthalate         | 9.710  | 163  | 540841   | 47.645 | ng    | 99       |    |
| 51) 2,6-Dinitrotoluene        | 9.775  | 165  | 110638   | 48.981 | ng    | 93       |    |
| 52) Acenaphthene              | 10.027 | 154  | 442076   | 49.019 | ng    | 96       |    |
| 53) 3-Nitroaniline            | 9.945  | 138  | 44440    | 19.075 | ng    | 93       |    |
| 54) 2,4-Dinitrophenol         | 10.045 | 184  | 46914    | 37.013 | ng    | #        | 78 |
| 55) Dibenzofuran              | 10.198 | 168  | 623921   | 49.527 | ng    | 93       |    |
| 56) 4-Nitrophenol             | 10.110 | 139  | 131824   | 76.584 | ng    | #        | 78 |
| 57) 2,4-Dinitrotoluene        | 10.180 | 165  | 147245   | 52.060 | ng    | 94       |    |
| 58) Fluorene                  | 10.539 | 166  | 496318   | 51.640 | ng    | 100      |    |
| 59) 2,3,4,6-Tetrachlorophenol | 10.310 | 232  | 143517m  | 47.909 | ng    |          |    |
| 60) Diethylphthalate          | 10.410 | 149  | 525066   | 50.592 | ng    | 97       |    |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204  | 272126   | 51.018 | ng    | 98       |    |
| 62) 4-Nitroaniline            | 10.569 | 138  | 95671    | 46.010 | ng    | #        | 75 |
| 63) Azobenzene                | 10.692 | 77   | 535052   | 49.190 | ng    | 98       |    |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198  | 41893    | 24.377 | ng    | 95       |    |
| 66) n-Nitrosodiphenylamine    | 10.651 | 169  | 409499   | 46.613 | ng    | 98       |    |
| 67) 4-Bromophenyl-phenylether | 11.021 | 248  | 170453   | 46.765 | ng    | #        | 90 |
| 68) Hexachlorobenzene         | 11.086 | 284  | 191906   | 49.131 | ng    | 96       |    |
| 69) Atrazine                  | 11.180 | 200  | 153810   | 54.393 | ng    | 99       |    |
| 70) Pentachlorophenol         | 11.280 | 266  | 187305   | 89.075 | ng    | 97       |    |
| 71) Phenanthrene              | 11.510 | 178  | 687716   | 47.838 | ng    | 99       |    |
| 72) Anthracene                | 11.563 | 178  | 701116   | 48.272 | ng    | 99       |    |
| 73) Carbazole                 | 11.716 | 167  | 578749   | 43.775 | ng    | 98       |    |
| 74) Di-n-butylphthalate       | 12.033 | 149  | 763182   | 47.834 | ng    | #        | 98 |
| 75) Fluoranthene              | 12.698 | 202  | 712822   | 44.253 | ng    | 99       |    |
| 77) Benzidine                 | 12.815 | 184  | 103544   | 24.857 | ng    | 98       |    |
| 78) Pyrene                    | 12.933 | 202  | 703769   | 51.498 | ng    | 99       |    |
| 80) Butylbenzylphthalate      | 13.539 | 149  | 256544   | 48.018 | ng    | 96       |    |
| 81) Benzo(a)anthracene        | 14.115 | 228  | 527971   | 47.876 | ng    | 99       |    |
| 82) 3,3'-Dichlorobenzidine    | 14.074 | 252  | 58280    | 16.734 | ng    | 98       |    |
| 83) Chrysene                  | 14.157 | 228  | 487364   | 47.396 | ng    | 99       |    |
| 84) Bis(2-ethylhexyl)phtha... | 14.092 | 149  | 345660   | 49.567 | ng    | 96       |    |
| 85) Di-n-octyl phthalate      | 14.715 | 149  | 489027   | 46.558 | ng    | #        | 94 |
| 87) Indeno(1,2,3-cd)pyrene    | 17.198 | 276  | 447492   | 50.724 | ng    | #        | 95 |
| 88) Benzo(b)fluoranthene      | 15.192 | 252  | 455582   | 51.573 | ng    | #        | 97 |
| 89) Benzo(k)fluoranthene      | 15.227 | 252  | 405439   | 47.294 | ng    | #        | 97 |
| 90) Benzo(a)pyrene            | 15.580 | 252  | 410840   | 57.654 | ng    | 98       |    |
| 91) Dibenzo(a,h)anthracene    | 17.215 | 278  | 392633   | 54.468 | ng    | #        | 95 |
| 92) Benzo(g,h,i)perylene      | 17.674 | 276  | 380827   | 52.020 | ng    | #        | 95 |

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



Abundance Scan 792 (6.945 min): BF127839.D\data.ms (-78)



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.945 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF127850.D

Acq: 19 Apr 2022 19:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 7420  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 147.5 | 117.2 | 175.8 |
| 115      | 66.1  | 49.8  | 74.6  |

Instrument :

BNA\_F

ClientSampleId :

RCA-EDISON-PILE-1MSD

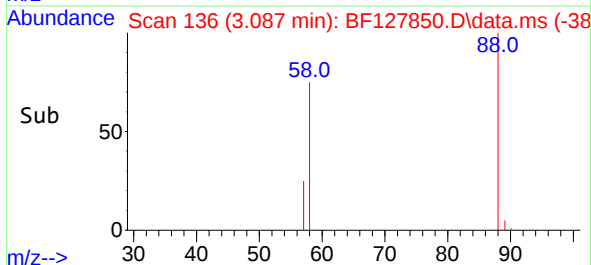
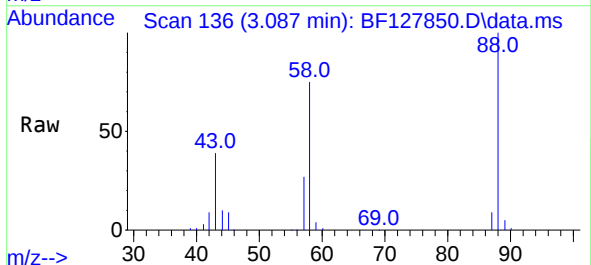
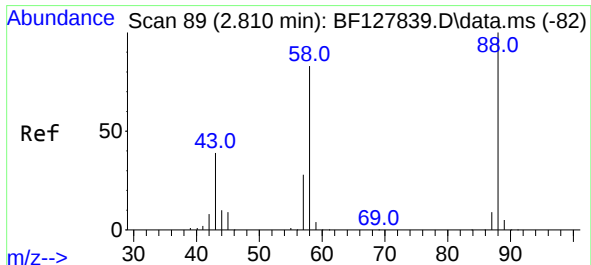
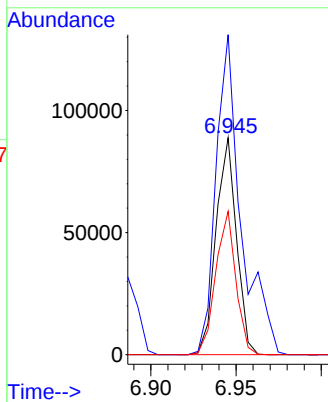
Manual Integrations  
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Giraldo

04/20/2022

Supervised By :Jagrut  
Upadhyay

04/20/2022



#2

1,4-Dioxane

Concen: 34.606 ng m

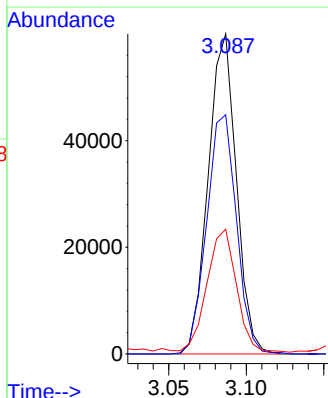
RT: 3.087 min Scan# 136

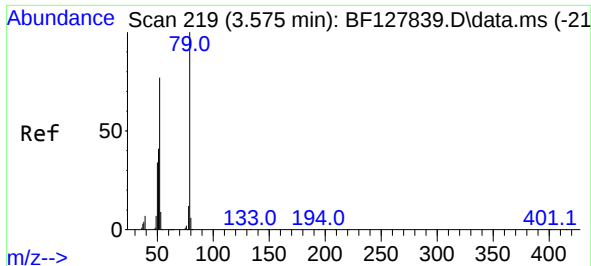
Delta R.T. 0.276 min

Lab File: BF127850.D

Acq: 19 Apr 2022 19:40

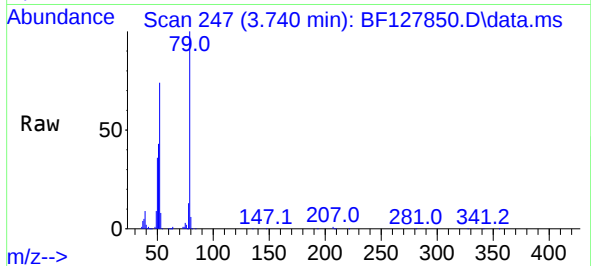
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|----------|-------|-------|--------|
| Tgt Ion: | 88    | Resp: | 75882  |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 58       | 0.0   | 77.0  | 115.4# |
| 43       | 0.0   | 31.3  | 46.9#  |





#3  
Pyridine  
Concen: 26.171 ng  
RT: 3.740 min Scan# 241  
Delta R.T. 0.164 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

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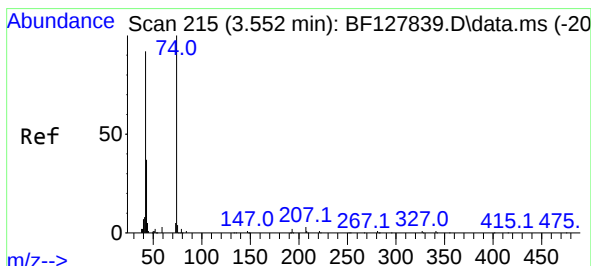
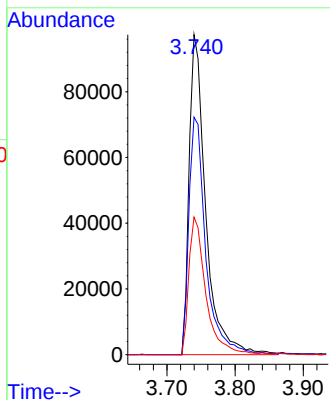
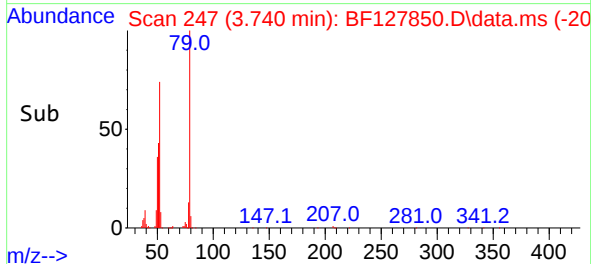
Tgt Ion: 79 Resp: 16388  
Ion Ratio Lower Upper  
79 100  
52 74.2 74.2 111.4  
51 43.0 36.7 55.1

Manual Integrations  
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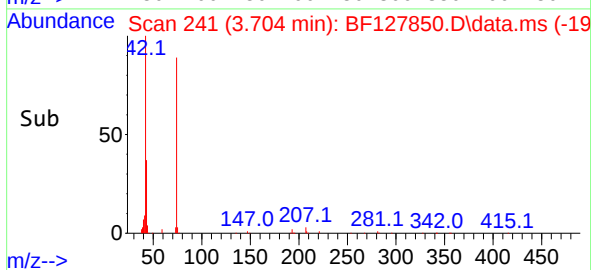
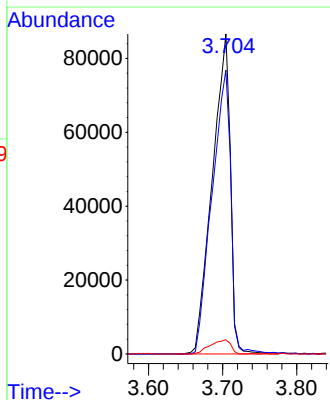
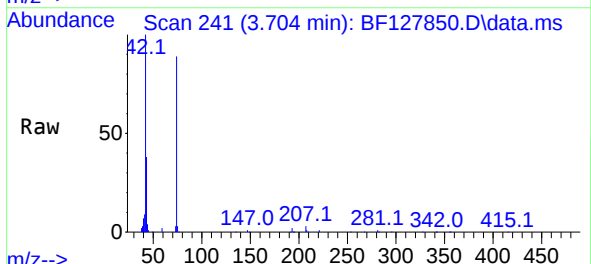
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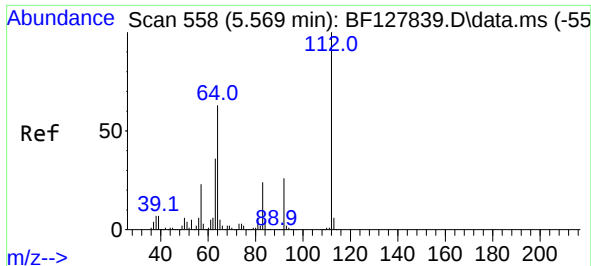
04/20/2022



#4  
n-Nitrosodimethylamine  
Concen: 43.724 ng  
RT: 3.704 min Scan# 241  
Delta R.T. 0.153 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

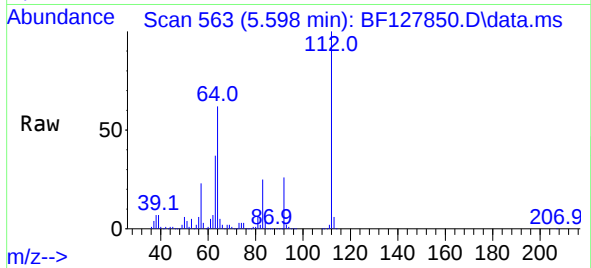
Tgt Ion: 42 Resp: 146627  
Ion Ratio Lower Upper  
42 100  
74 88.7 92.4 138.6  
44 4.4 6.0 9.0





#5  
2-Fluorophenol  
Concen: 127.282 ng  
RT: 5.598 min Scan# 509  
Delta R.T. 0.029 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

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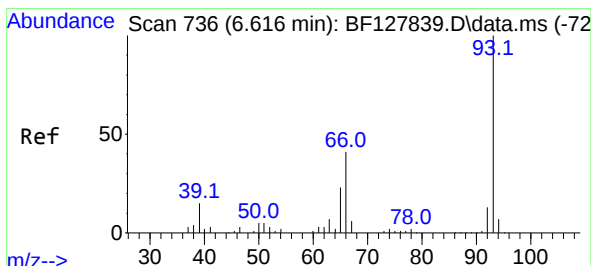
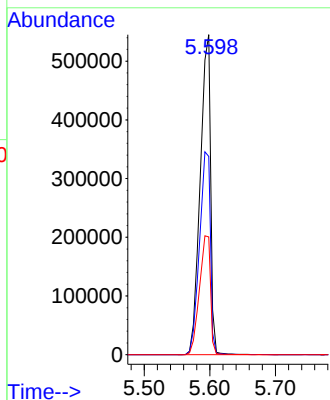
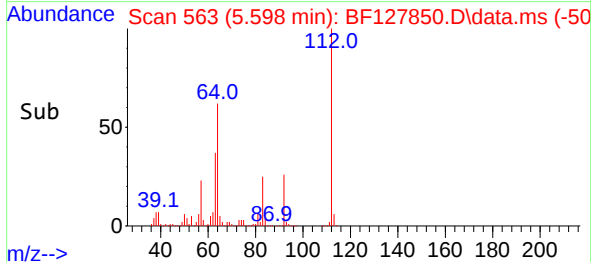
Tgt Ion:112 Resp: 602864  
Ion Ratio Lower Upper  
112 100  
64 62.0 58.4 87.6  
63 36.8 30.1 45.1

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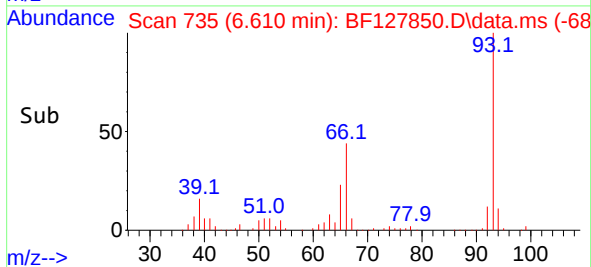
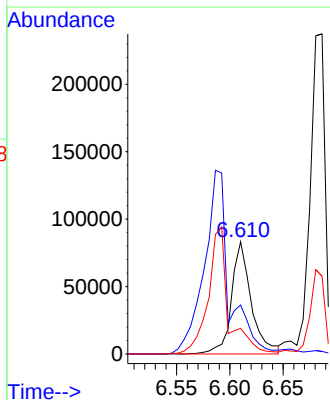
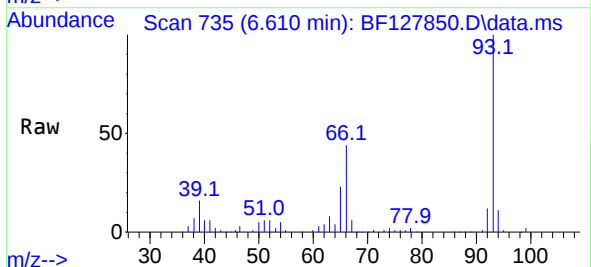
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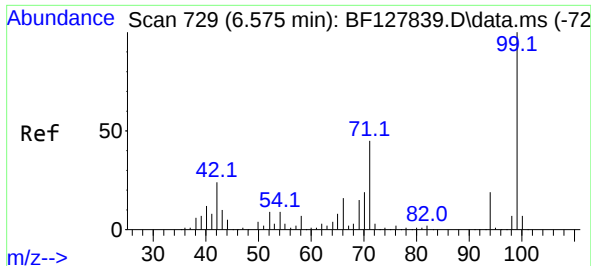
04/20/2022



#6  
Aniline  
Concen: 15.695 ng  
RT: 6.610 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

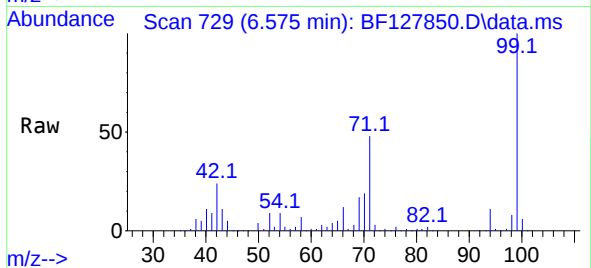
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Ion Ratio Lower Upper  
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66 43.7 36.2 54.4  
65 22.8 18.4 27.6





#7  
Phenol-d6  
Concen: 121.184 ng  
RT: 6.575 min Scan# 729  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
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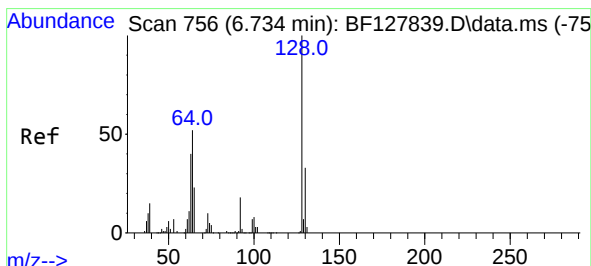
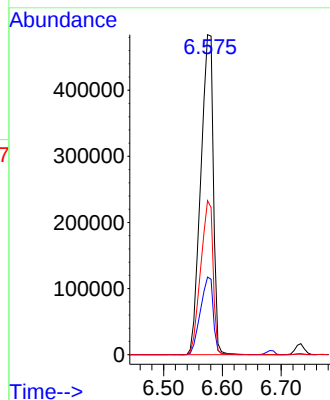
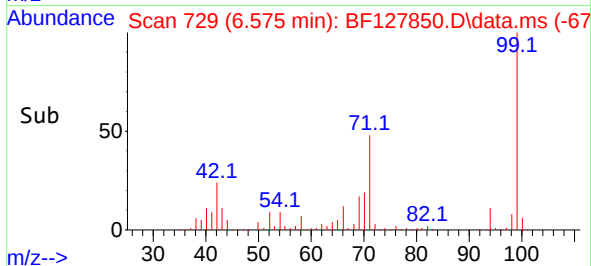
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Ion Ratio Lower Upper  
99 100  
42 24.2 17.8 26.6  
71 48.2 29.6 44.4

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Giraldo

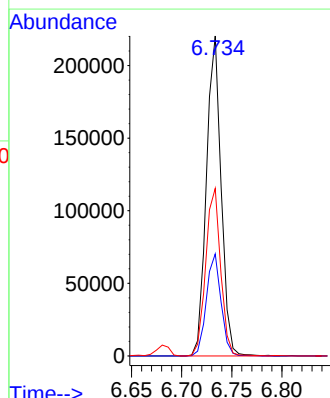
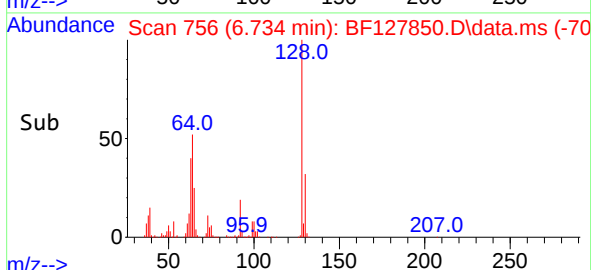
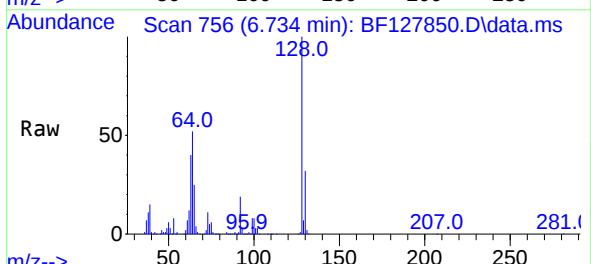
04/20/2022  
Supervised By :Jagrut  
Upadhyay

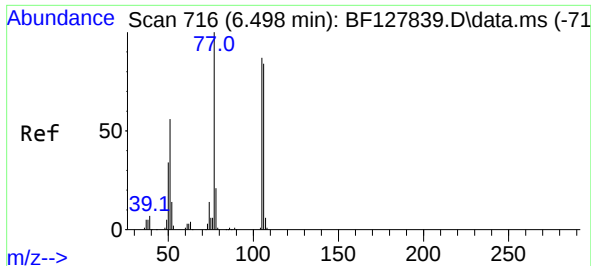
04/20/2022



#8  
2-Chlorophenol  
Concen: 46.941 ng  
RT: 6.734 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

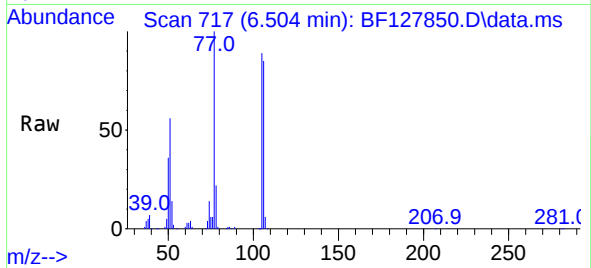
Tgt Ion:128 Resp: 225572  
Ion Ratio Lower Upper  
128 100  
130 31.9 11.3 51.3  
64 52.3 38.4 78.4





#9  
Benzaldehyde  
Concen: 35.546 ng  
RT: 6.504 min Scan# 716  
Delta R.T. 0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



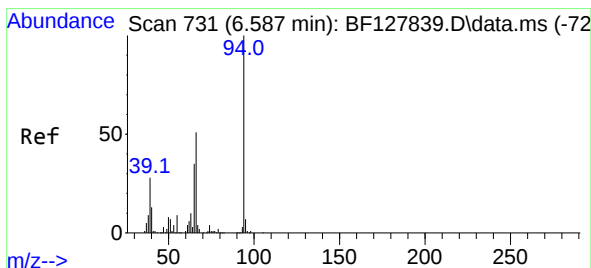
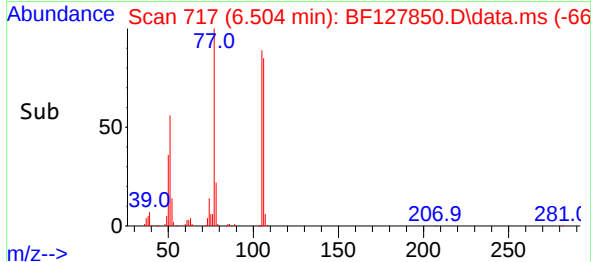
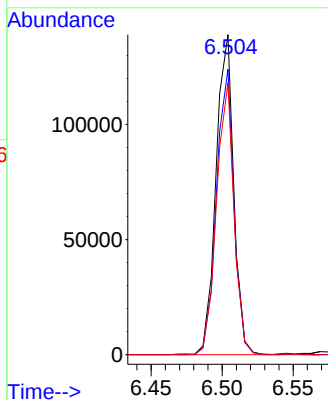
Tgt Ion: 77 Resp: 12015  
Ion Ratio Lower Upper  
77 100  
105 89.2 66.8 106.8  
106 85.0 64.3 104.3

Manual Integrations  
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Reviewed By :Christian  
Giraldo

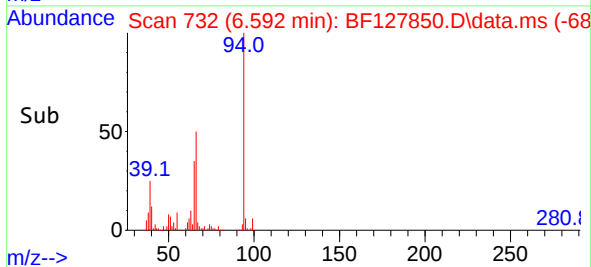
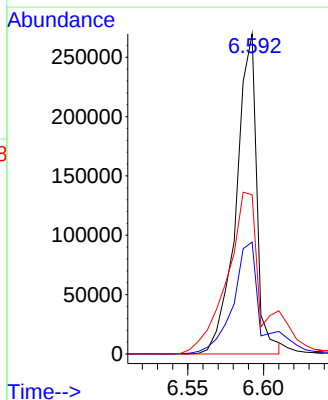
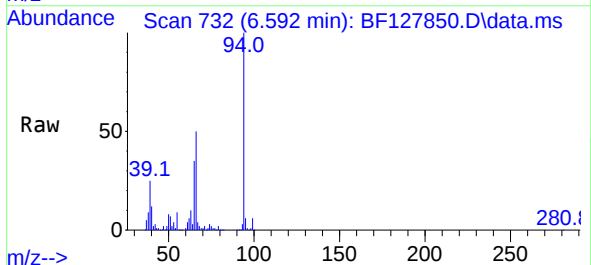
04/20/2022  
Supervised By :Jagrut  
Upadhyay

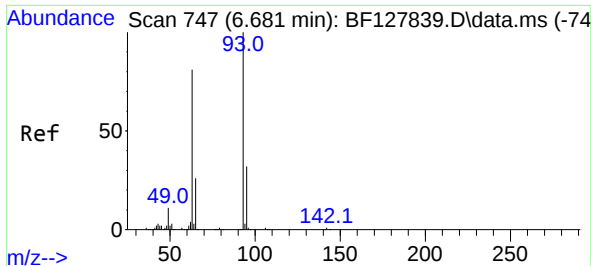
04/20/2022



#10  
Phenol  
Concen: 43.119 ng m  
RT: 6.592 min Scan# 732  
Delta R.T. 0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

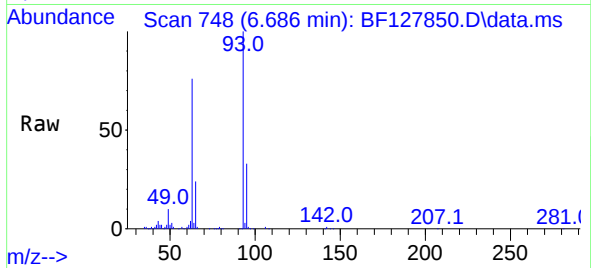
Tgt Ion: 94 Resp: 255795  
Ion Ratio Lower Upper  
94 100  
65 35.0 13.1 53.1  
66 49.8 24.9 64.9





#11  
bis(2-Chloroethyl)ether  
Concen: 48.381 ng  
RT: 6.686 min Scan# 747  
Delta R.T. 0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



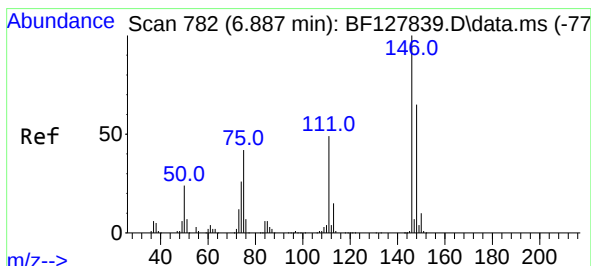
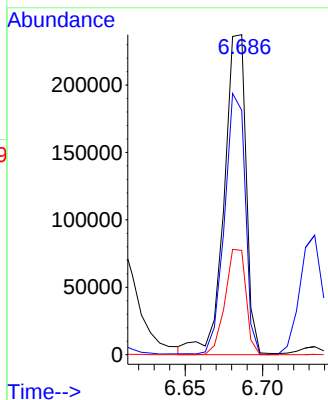
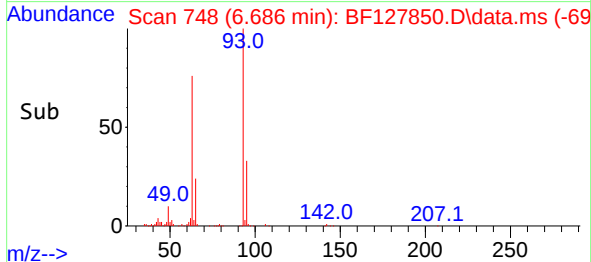
Tgt Ion: 93 Resp: 235959  
Ion Ratio Lower Upper  
93 100  
63 76.4 69.6 109.6  
95 32.6 11.6 51.6

Manual Integrations  
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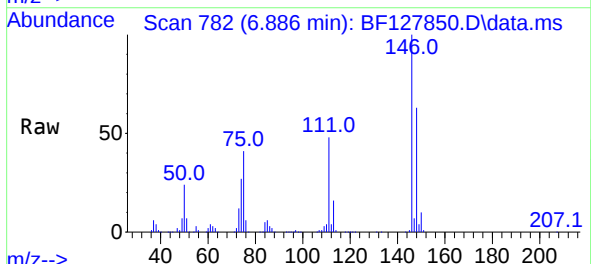
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

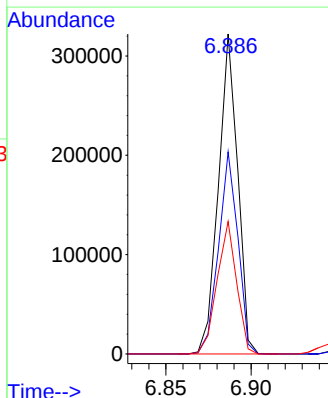
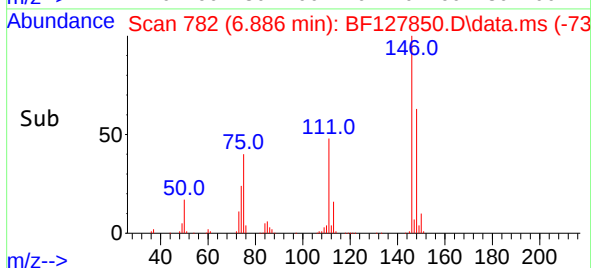
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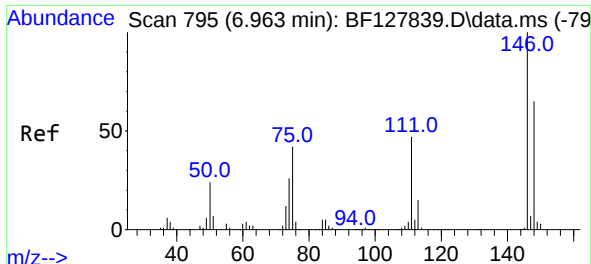


#12  
1,3-Dichlorobenzene  
Concen: 44.299 ng  
RT: 6.886 min Scan# 782  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



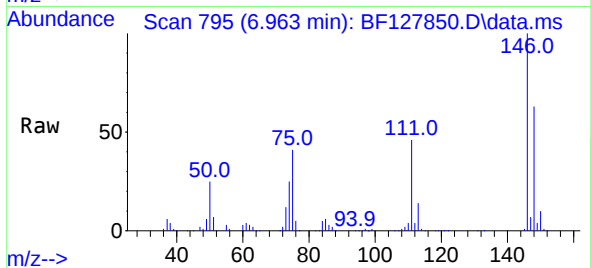
Tgt Ion:146 Resp: 253060  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.6 76.0  
75 41.4 32.4 48.6





#13  
1,4-Dichlorobenzene  
Concen: 47.652 ng  
RT: 6.963 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



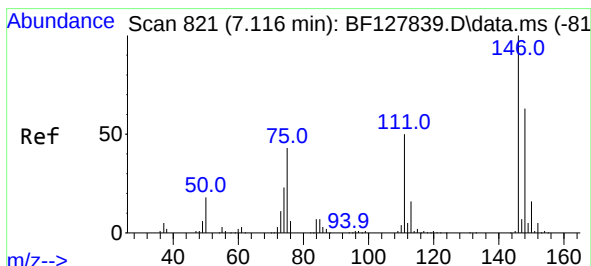
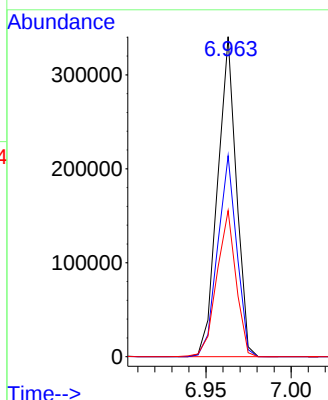
Tgt Ion:146 Resp: 260845  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.3 76.9  
111 45.6 34.2 51.4

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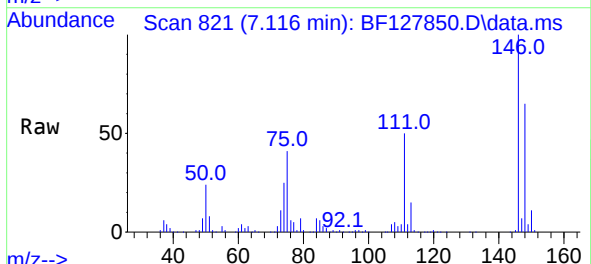
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

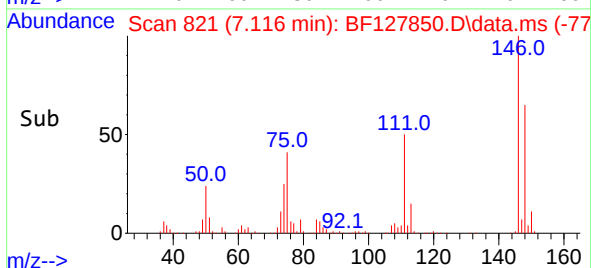
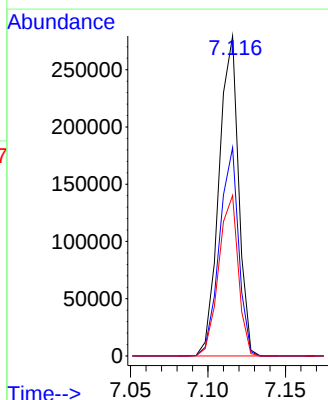
04/20/2022

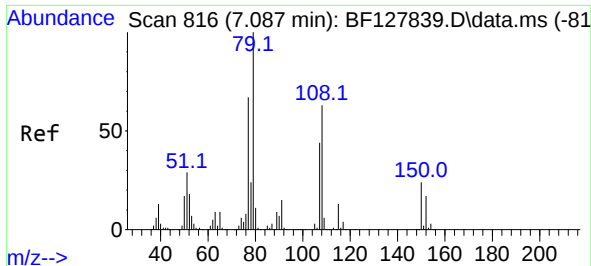


#14  
1,2-Dichlorobenzene  
Concen: 47.125 ng  
RT: 7.116 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



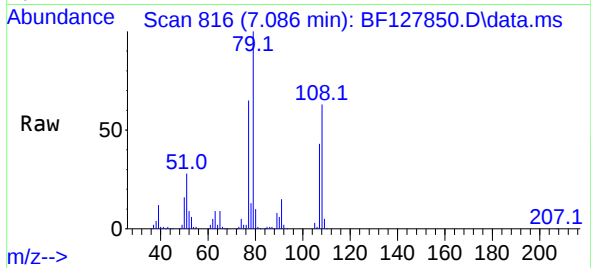
Tgt Ion:146 Resp: 245435  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.4 77.2  
111 50.1 36.4 54.6





#15  
Benzyl Alcohol  
Concen: 42.852 ng  
RT: 7.086 min Scan# 816  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



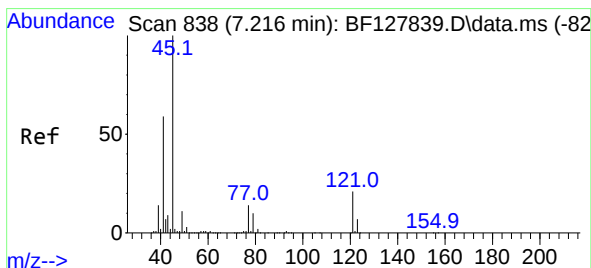
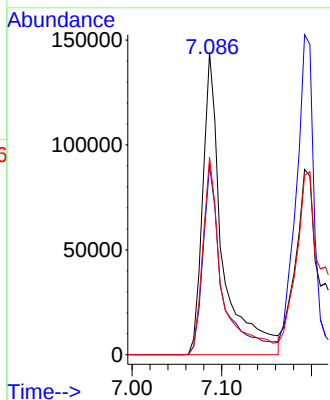
Tgt Ion: 79 Resp: 220600  
Ion Ratio Lower Upper  
79 100  
108 62.7 52.2 78.2  
77 65.4 48.3 72.5

Manual Integrations  
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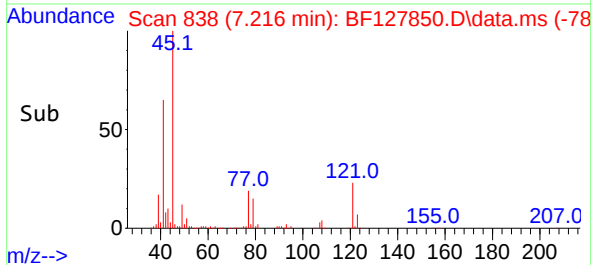
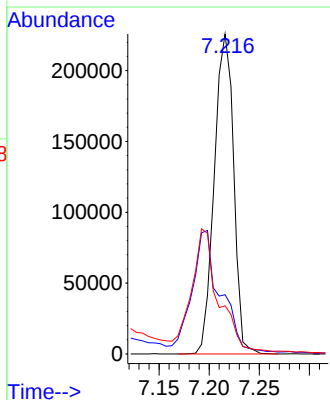
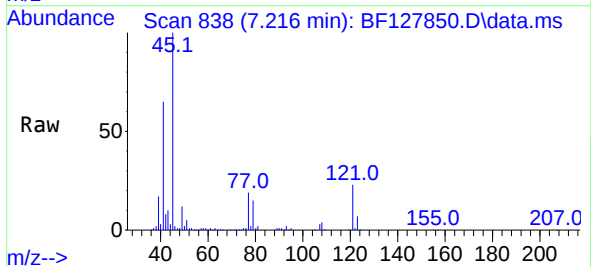
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Supervised By :Jagrut  
Upadhyay

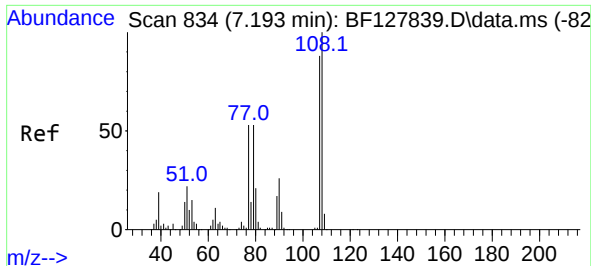
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.108 ng  
RT: 7.216 min Scan# 838  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

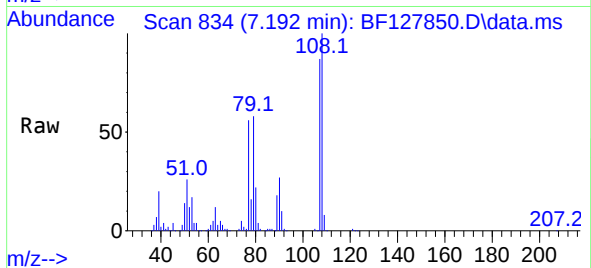
Tgt Ion: 45 Resp: 302380  
Ion Ratio Lower Upper  
45 100  
77 18.5 0.0 32.9  
79 15.0 0.0 29.9





#17  
2-Methylphenol  
Concen: 47.996 ng  
RT: 7.192 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



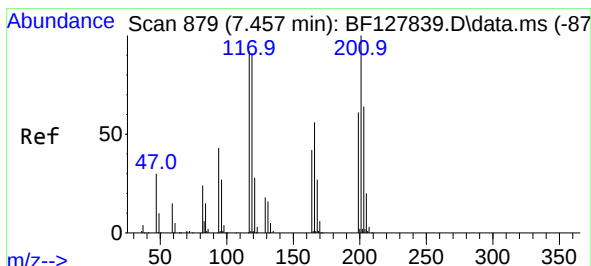
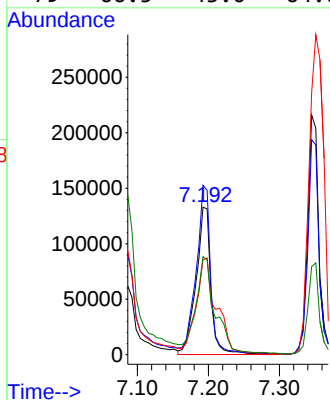
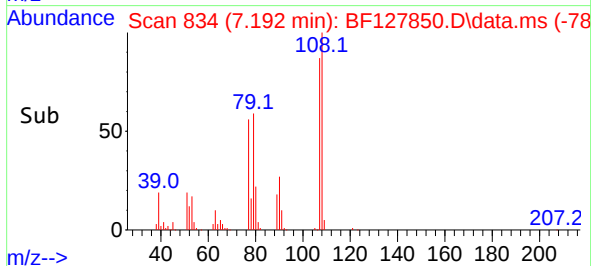
Tgt Ion:107 Resp: 19329  
Ion Ratio Lower Upper  
107 100  
108 114.8 90.7 136.1  
77 64.3 42.9 64.3  
79 66.5 43.0 64.6

Manual Integrations  
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Reviewed By :Christian  
Giraldo

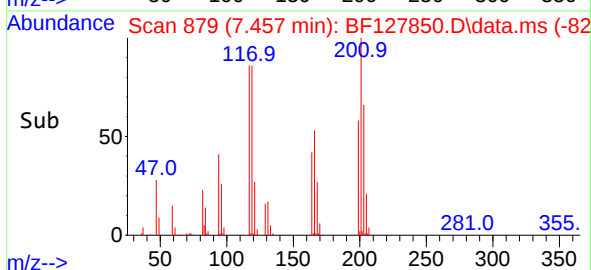
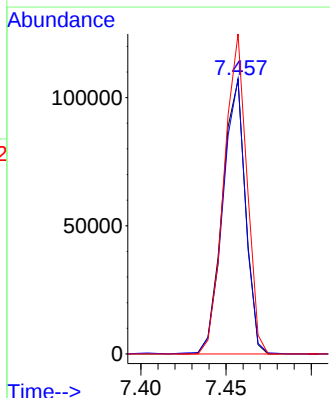
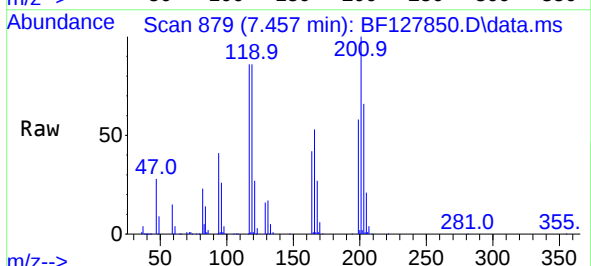
04/20/2022  
Supervised By :Jagrut  
Upadhyay

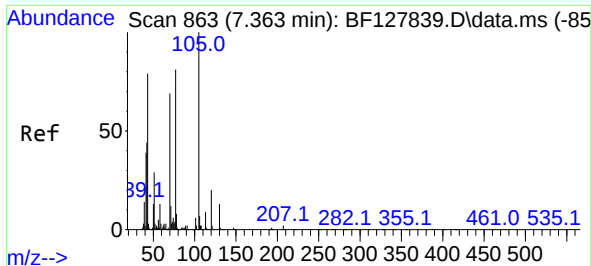
04/20/2022



#18  
Hexachloroethane  
Concen: 44.775 ng  
RT: 7.457 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

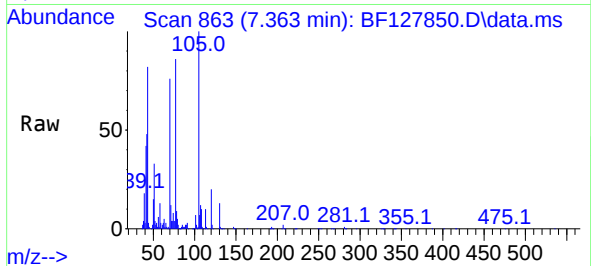
Tgt Ion:117 Resp: 100826  
Ion Ratio Lower Upper  
117 100  
119 100.4 77.6 116.4  
201 116.8 88.2 132.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 46.942 ng  
RT: 7.363 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



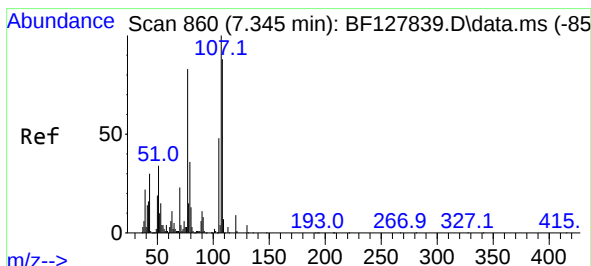
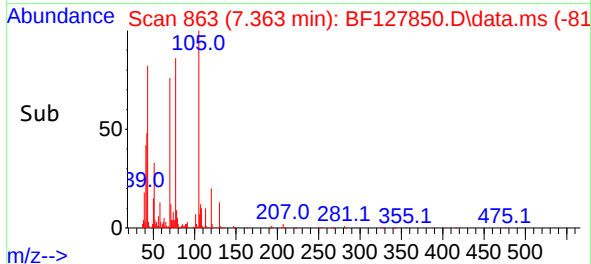
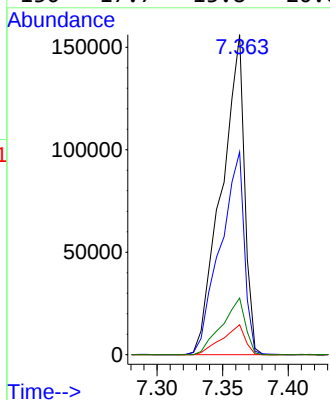
Tgt Ion: 70 Resp: 190578  
Ion Ratio Lower Upper  
70 100  
42 63.4 53.0 79.6  
101 9.4 6.8 10.2  
130 17.7 13.8 20.6

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Giraldo

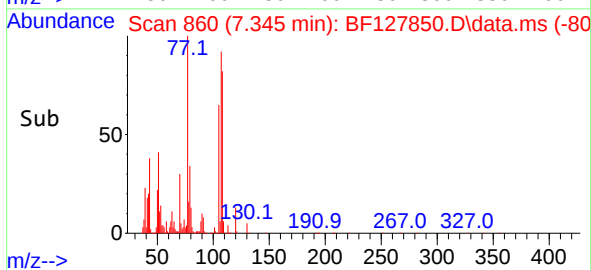
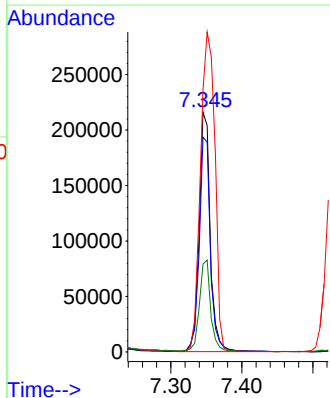
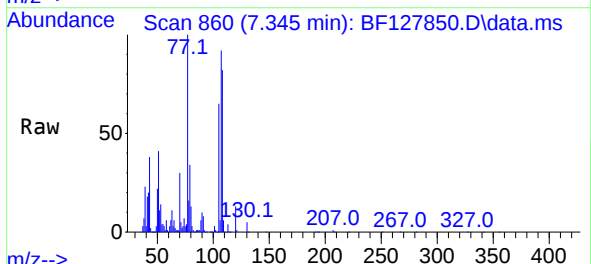
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Supervised By :Jagrut  
Upadhyay

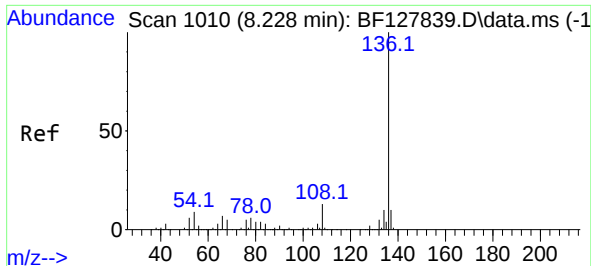
04/20/2022



#20  
3+4-Methylphenols  
Concen: 43.952 ng  
RT: 7.345 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

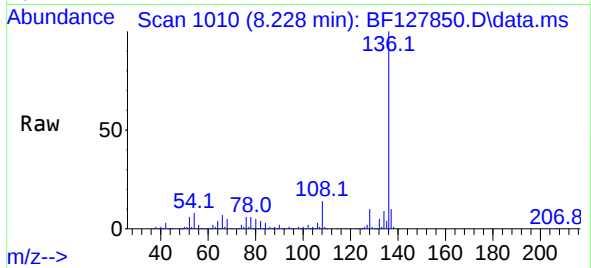
Tgt Ion:107 Resp: 234519  
Ion Ratio Lower Upper  
107 100  
108 89.6 70.7 110.7  
77 109.2 127.9 167.9#  
79 36.7 16.8 56.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.228 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



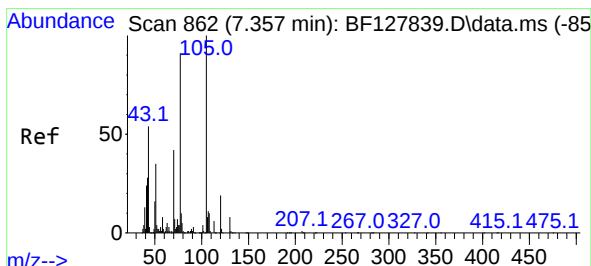
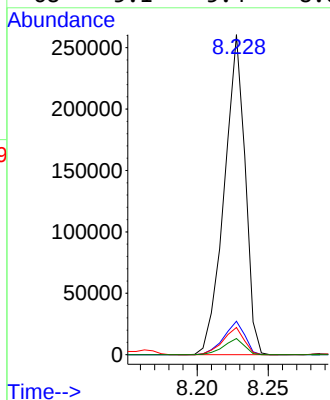
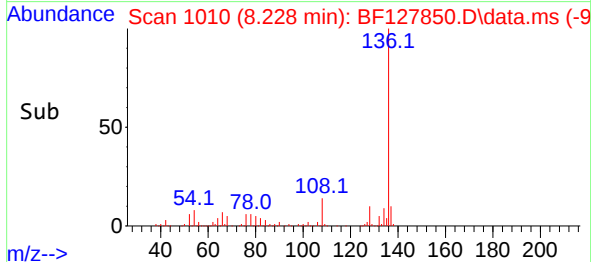
Tgt Ion:136 Resp: 265519  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 8.5 9.2 13.8  
68 5.1 5.4 8.0

Manual Integrations  
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Reviewed By :Christian  
Giraldo

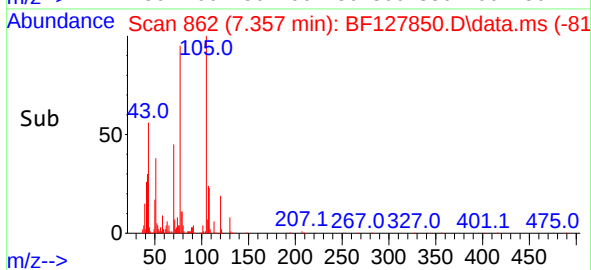
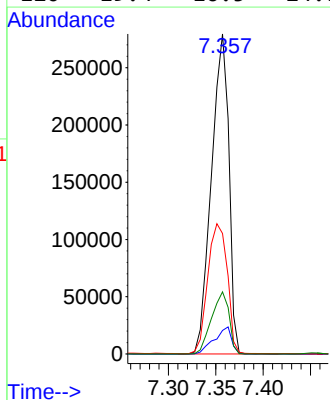
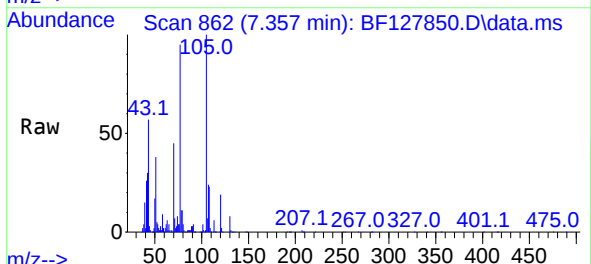
04/20/2022  
Supervised By :Jagrut  
Upadhyay

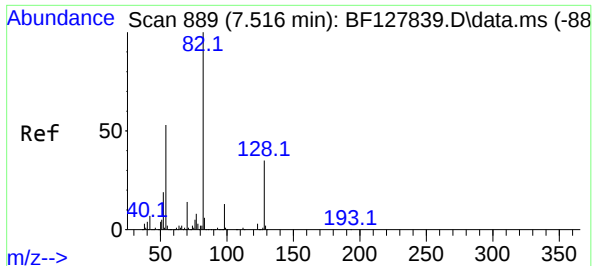
04/20/2022



#22  
Acetophenone  
Concen: 55.997 ng  
RT: 7.357 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Tgt Ion:105 Resp: 357128  
Ion Ratio Lower Upper  
105 100  
71 7.3 7.3 10.9  
51 37.7 38.8 58.2  
120 19.4 16.5 24.7





#23

Nitrobenzene-d5

Concen: 107.708 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF127850.D

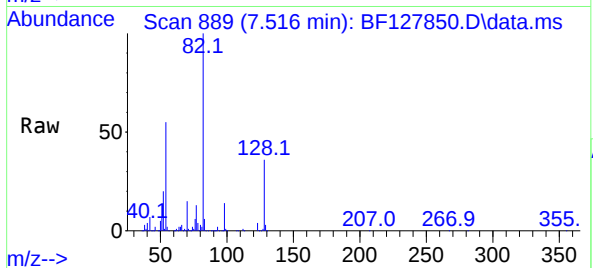
Acq: 19 Apr 2022 19:40

Instrument :

BNA\_F

ClientSampleId :

RCA-EDISON-PILE-1MSD



Tgt Ion: 82 Resp: 61665

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.1  | 30.6  | 45.8  |
| 54  | 54.7  | 48.2  | 72.2  |

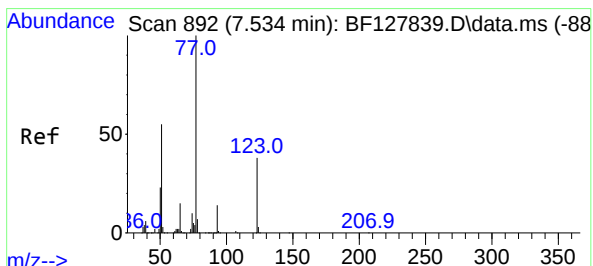
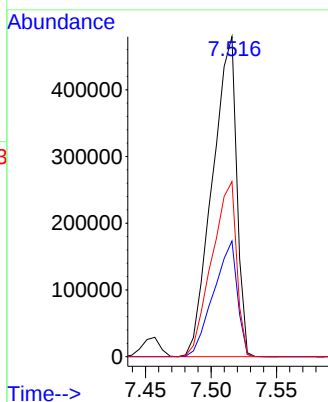
Manual Integrations  
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Upadhyay

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#24

Nitrobenzene

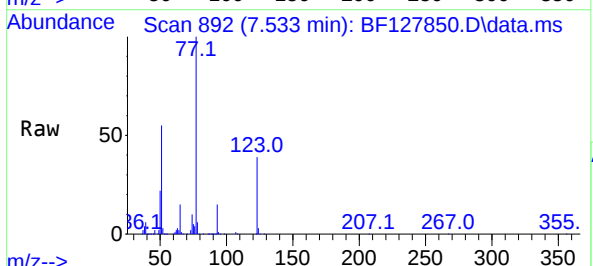
Concen: 55.906 ng

RT: 7.533 min Scan# 892

Delta R.T. -0.000 min

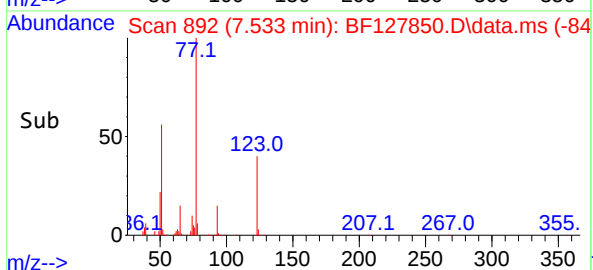
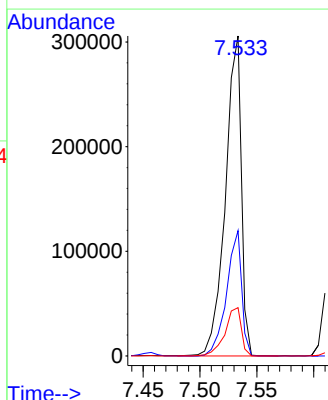
Lab File: BF127850.D

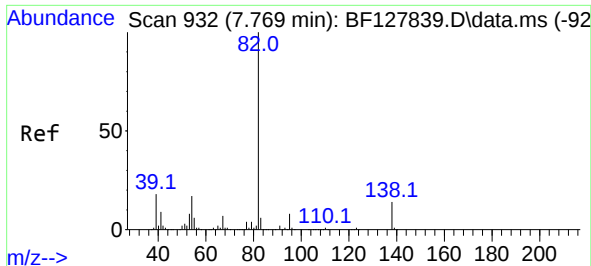
Acq: 19 Apr 2022 19:40



Tgt Ion: 77 Resp: 298192

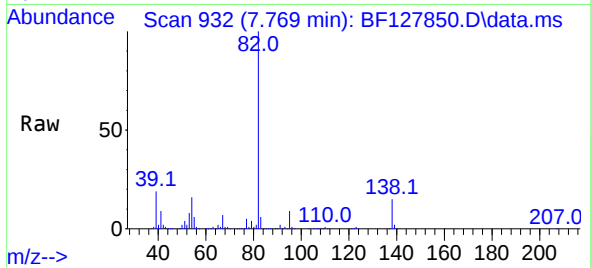
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 39.2  | 32.0  | 48.0  |
| 65  | 15.1  | 12.2  | 18.2  |





#25  
Isophorone  
Concen: 53.137 ng  
RT: 7.769 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



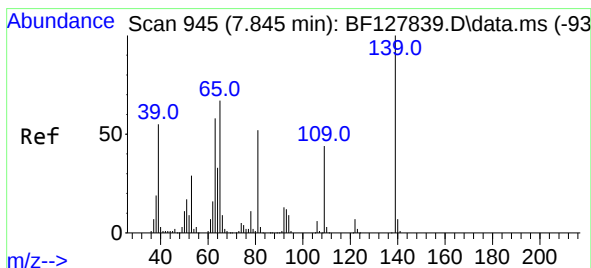
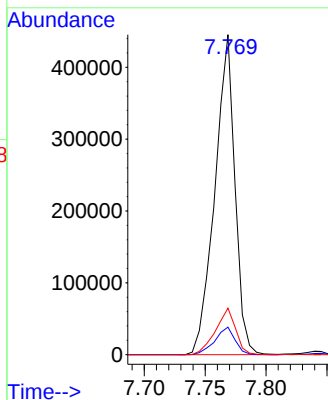
Tgt Ion: 82 Resp: 51186  
Ion Ratio Lower Upper  
82 100  
95 8.6 5.8 8.8  
138 14.6 11.6 17.4

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Reviewed By :Christian  
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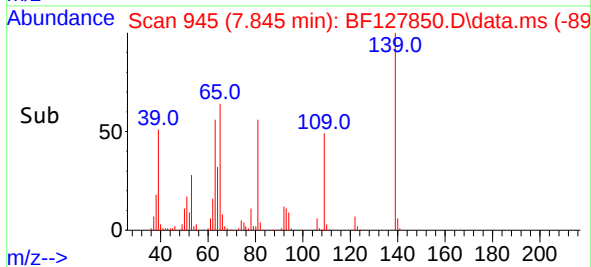
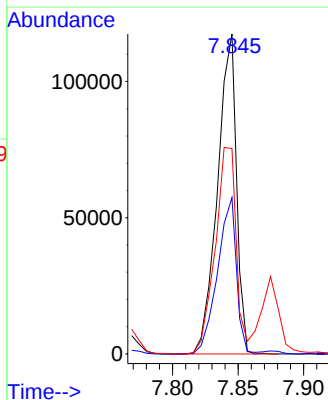
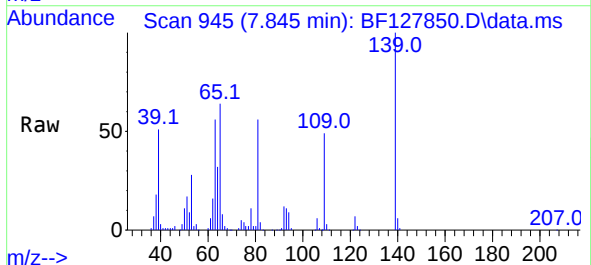
04/20/2022  
Supervised By :Jagrut  
Upadhyay

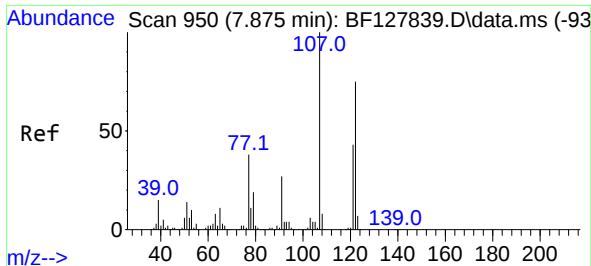
04/20/2022



#26  
2-Nitrophenol  
Concen: 50.716 ng  
RT: 7.845 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

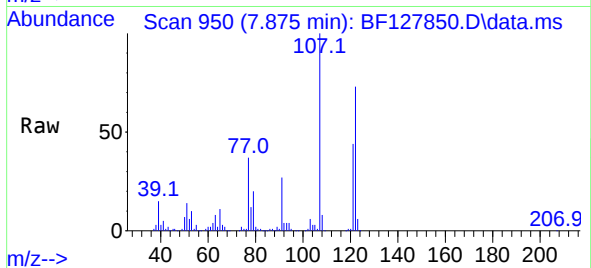
Tgt Ion:139 Resp: 118059  
Ion Ratio Lower Upper  
139 100  
109 48.8 28.2 42.2#  
65 64.2 55.3 82.9





#27  
2,4-Dimethylphenol  
Concen: 54.710 ng  
RT: 7.875 min Scan# 950  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



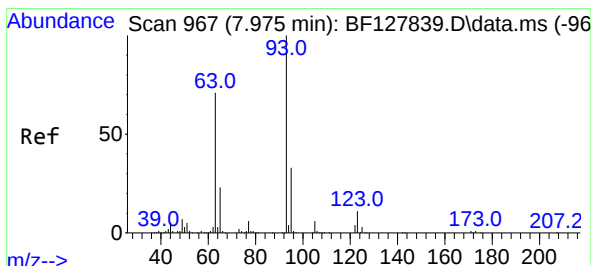
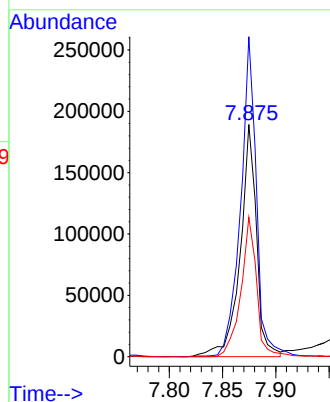
Tgt Ion:122 Resp: 20118  
Ion Ratio Lower Upper  
122 100  
107 137.8 93.0 139.4  
121 60.0 44.9 67.3

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Reviewed By :Christian  
Giraldo

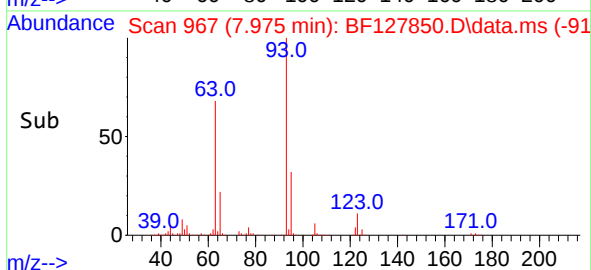
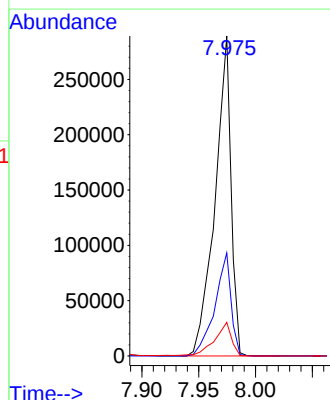
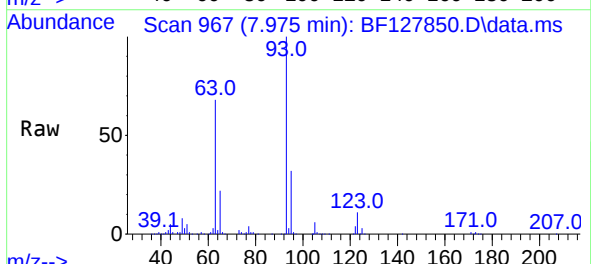
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Supervised By :Jagrut  
Upadhyay

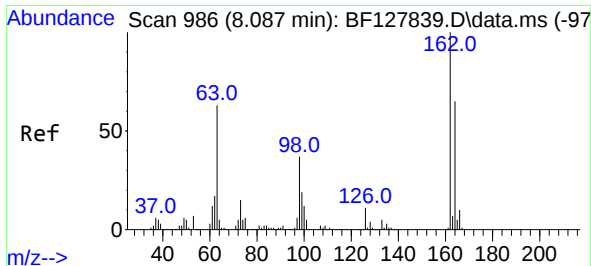
04/20/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.440 ng  
RT: 7.975 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Tgt Ion: 93 Resp: 284238  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.3 39.5  
123 10.5 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 48.279 ng

RT: 8.086 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF127850.D

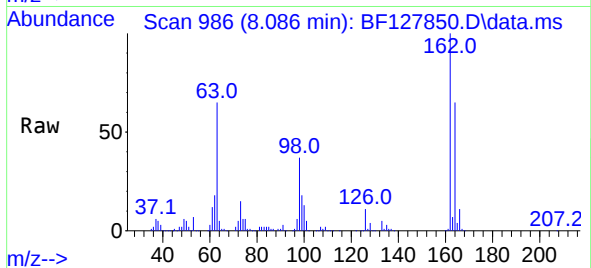
Acq: 19 Apr 2022 19:40

Instrument :

BNA\_F

ClientSampleId :

RCA-EDISON-PILE-1MSD



Tgt Ion:162 Resp: 208170

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 65.5  | 43.7  | 83.7  |
| 98  | 36.8  | 23.5  | 63.5  |

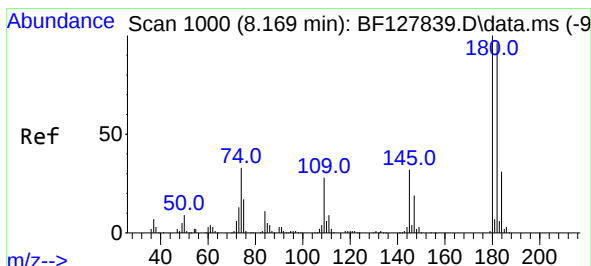
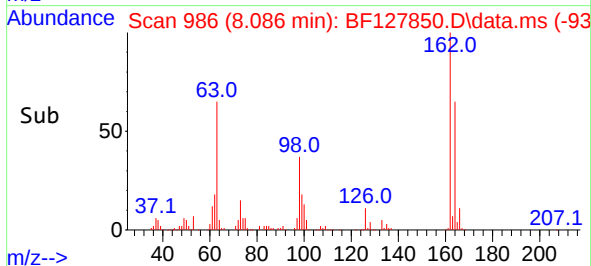
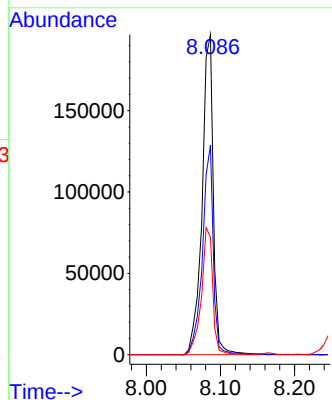
Manual Integrations  
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Reviewed By :Christian  
Giraldo

04/20/2022

Supervised By :Jagrut  
Upadhyay

04/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.070 ng

RT: 8.163 min Scan# 999

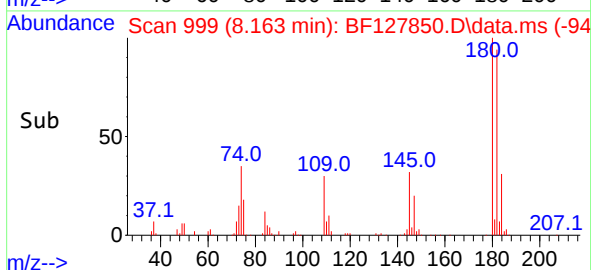
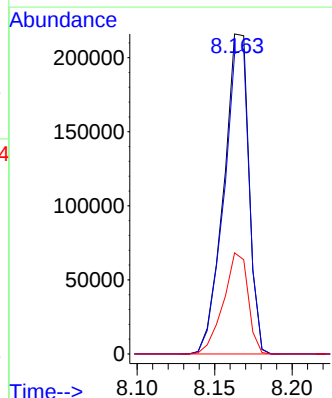
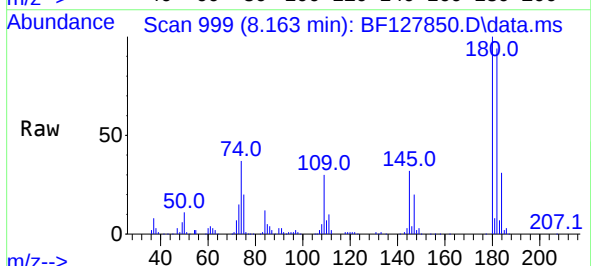
Delta R.T. -0.006 min

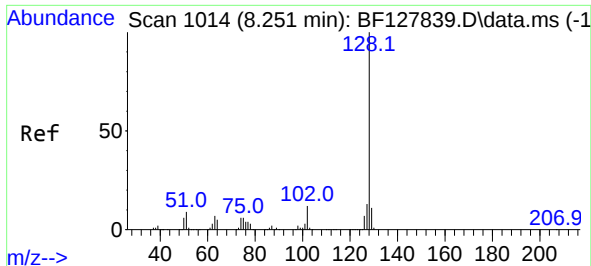
Lab File: BF127850.D

Acq: 19 Apr 2022 19:40

Tgt Ion:180 Resp: 244527

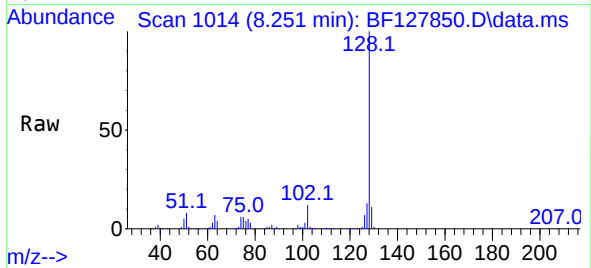
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.8  | 73.8  | 110.6 |
| 145 | 31.6  | 23.3  | 34.9  |





#31  
Naphthalene  
Concen: 48.830 ng  
RT: 8.251 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



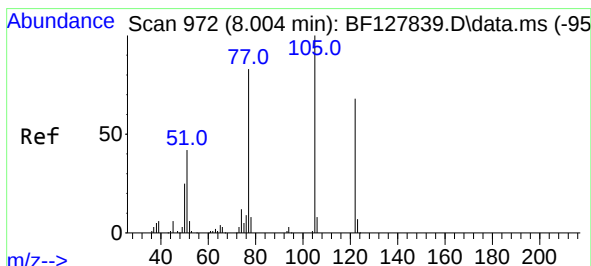
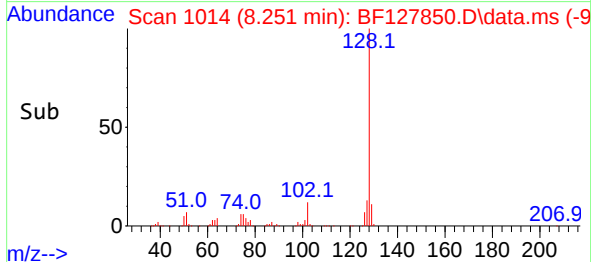
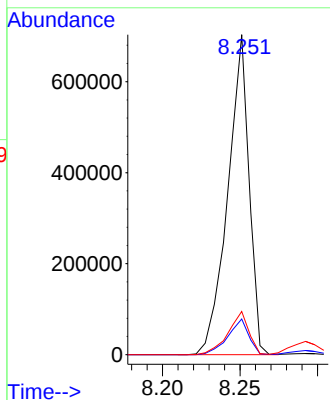
Tgt Ion:128 Resp: 671492  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.4 12.6  
127 13.5 10.2 15.2

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Giraldo

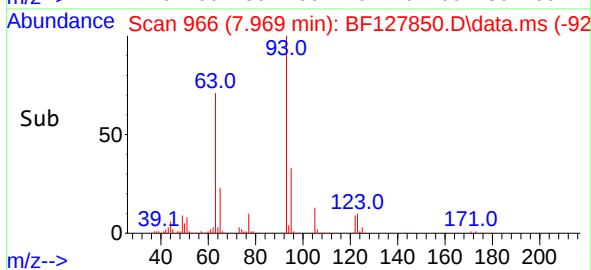
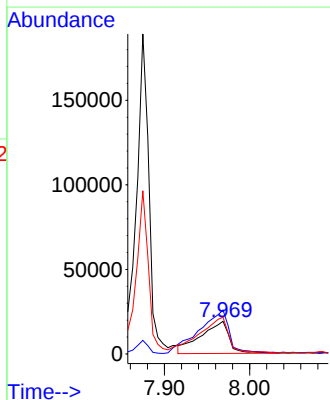
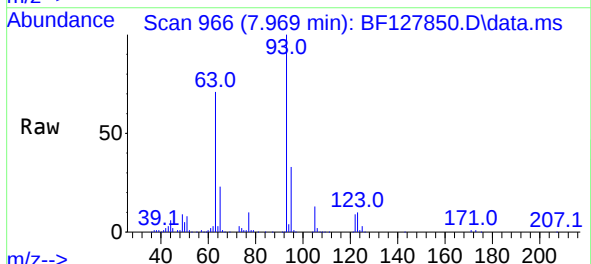
04/20/2022  
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Upadhyay

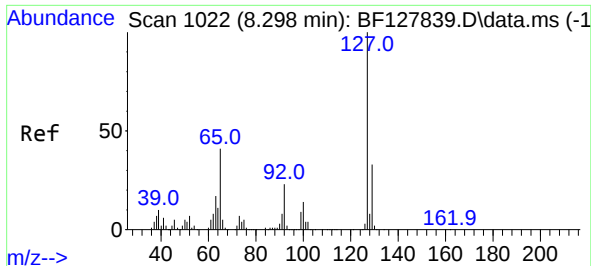
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#32  
Benzoic acid  
Concen: 16.747 ng  
RT: 7.969 min Scan# 966  
Delta R.T. -0.035 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Tgt Ion:122 Resp: 44061  
Ion Ratio Lower Upper  
122 100  
105 134.8 117.1 157.1  
77 113.0 93.0 133.0





#33

4-Chloroaniline

Concen: 7.449 ng

RT: 8.292 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF127850.D

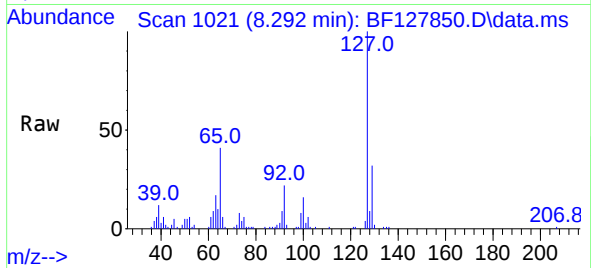
Acq: 19 Apr 2022 19:40

Instrument :

BNA\_F

ClientSampleId :

RCA-EDISON-PILE-1MSD



Tgt Ion:127 Resp: 4065

Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 40.7 31.4 47.0

92 22.2 18.3 27.5

Manual Integrations

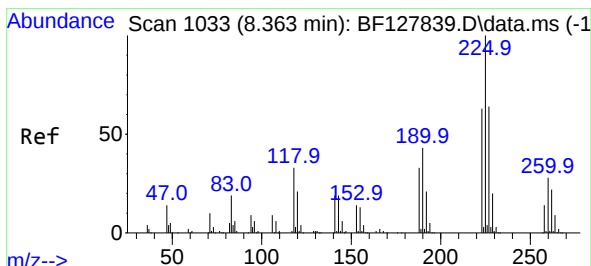
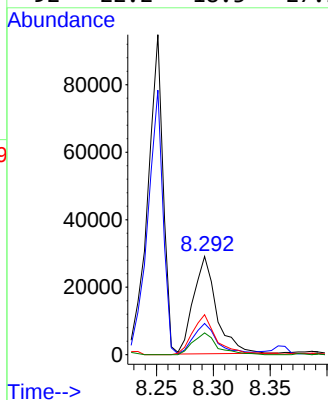
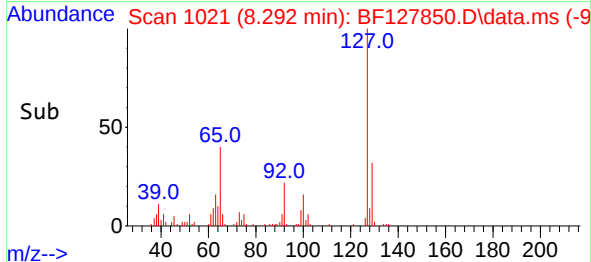
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Reviewed By :Christian Giraldo

04/20/2022

Supervised By :Jagrut Upadhyay

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#34

Hexachlorobutadiene

Concen: 48.750 ng

RT: 8.363 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BF127850.D

Acq: 19 Apr 2022 19:40

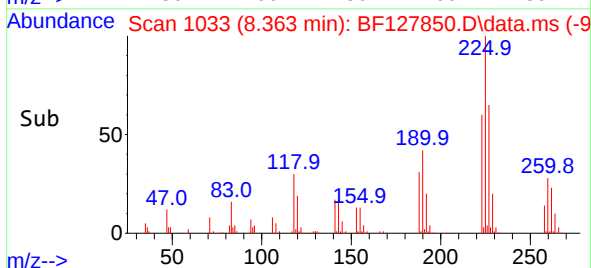
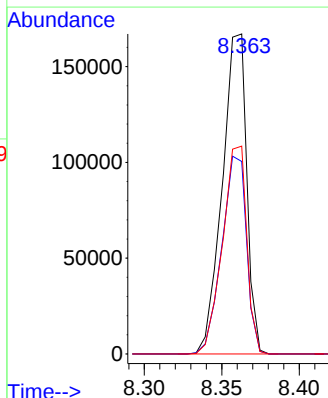
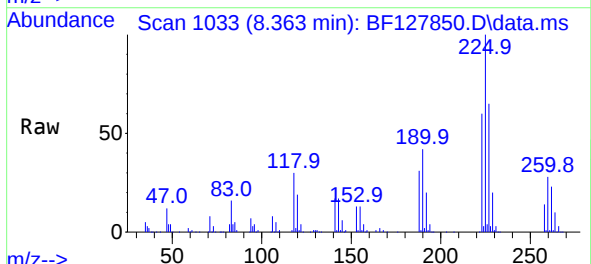
Tgt Ion:225 Resp: 183502

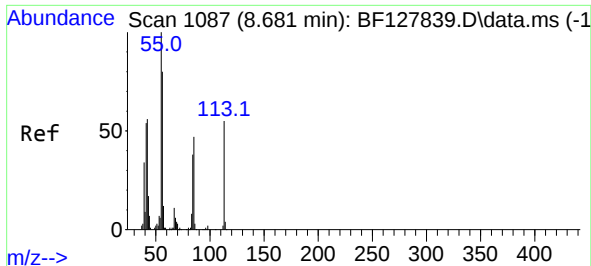
Ion Ratio Lower Upper

225 100

223 60.1 50.6 76.0

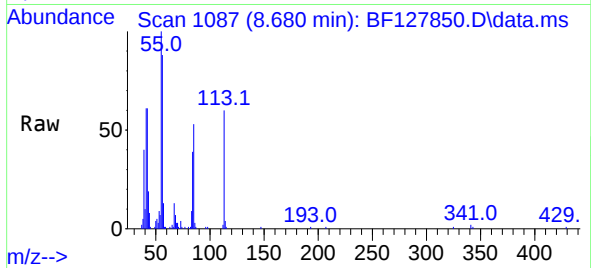
227 64.9 49.6 74.4





#35  
Caprolactam  
Concen: 33.166 ng m  
RT: 8.680 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



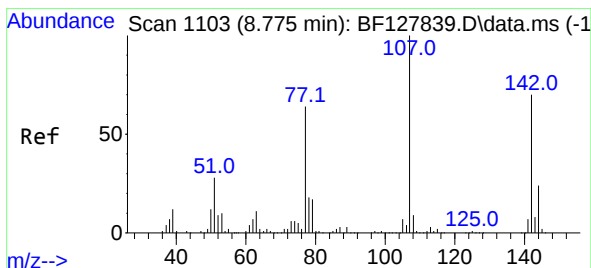
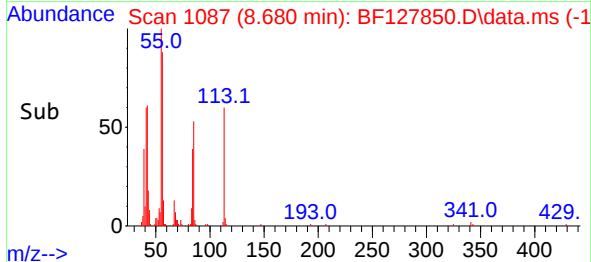
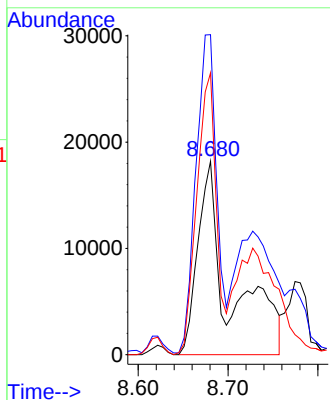
Tgt Ion:113 Resp: 44910  
Ion Ratio Lower Upper  
113 100  
55 165.5 218.7 258.7  
56 145.7 156.2 196.2

Manual Integrations  
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Giraldo

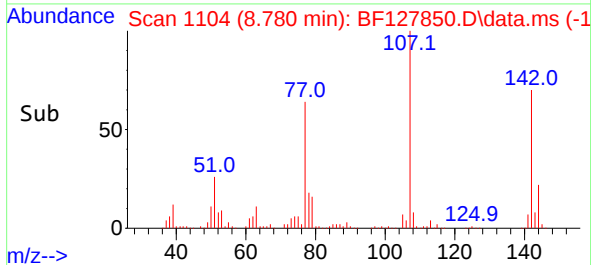
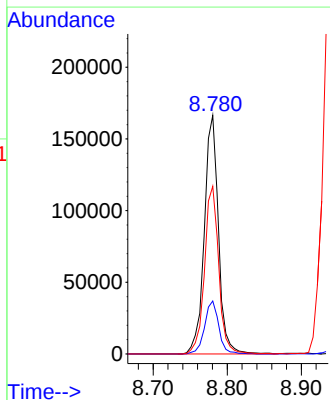
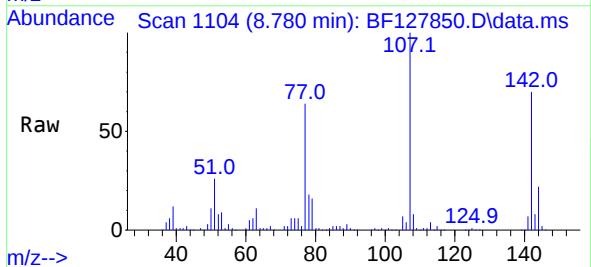
04/20/2022  
Supervised By :Jagrut  
Upadhyay

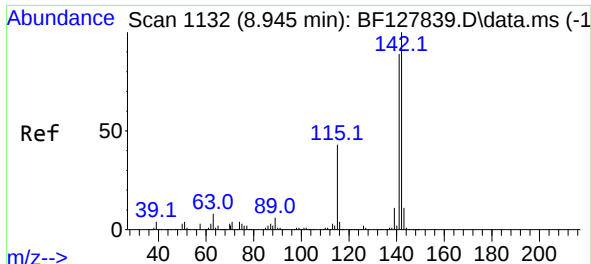
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#36  
4-Chloro-3-methylphenol  
Concen: 43.882 ng  
RT: 8.780 min Scan# 1104  
Delta R.T. 0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Tgt Ion:107 Resp: 221542  
Ion Ratio Lower Upper  
107 100  
144 22.2 19.3 28.9  
142 70.3 59.8 89.8





#37  
2-Methylnaphthalene  
Concen: 46.299 ng  
RT: 8.939 min Scan# 1132  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD

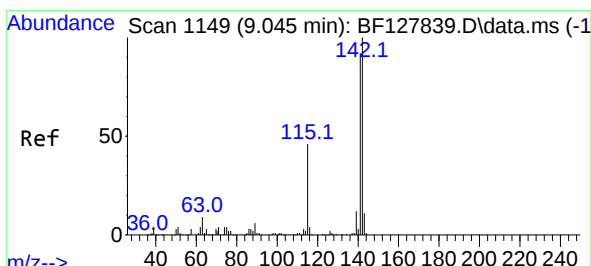
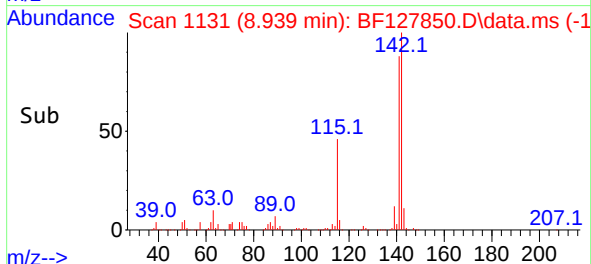
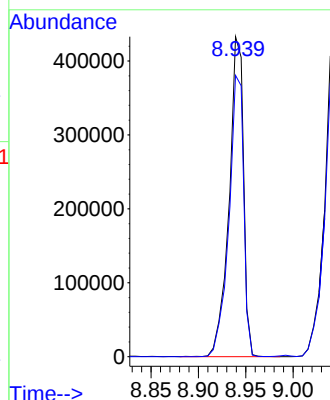
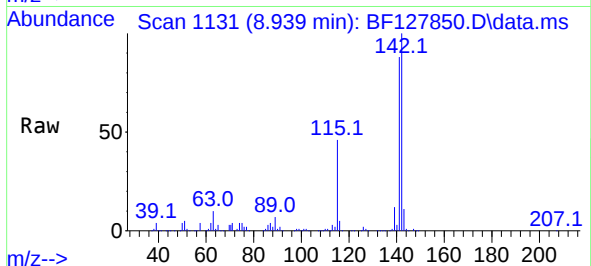
Tgt Ion:142 Resp: 45871  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.6 106.0

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Giraldo

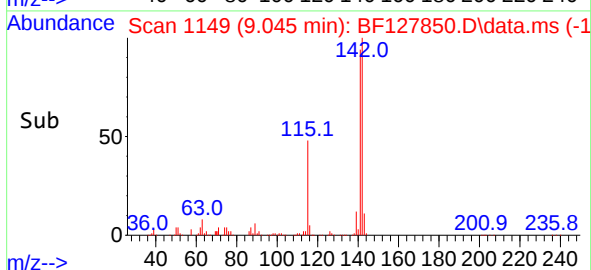
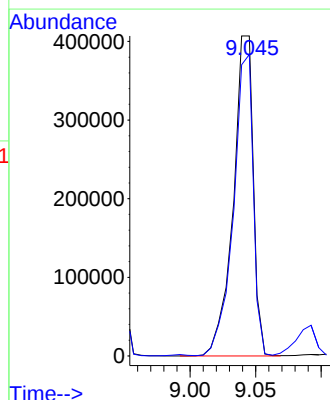
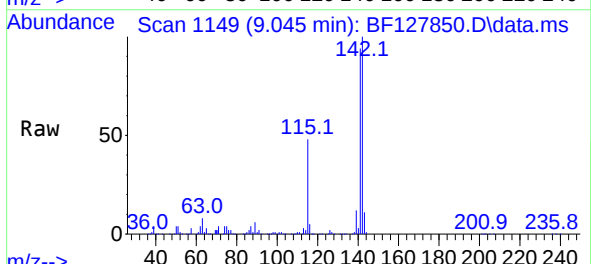
04/20/2022  
Supervised By :Jagrut  
Upadhyay

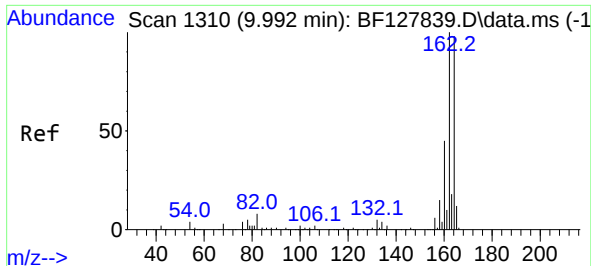
04/20/2022



#38  
1-Methylnaphthalene  
Concen: 45.394 ng  
RT: 9.045 min Scan# 1149  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

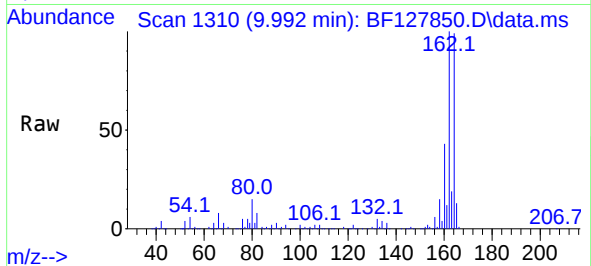
Tgt Ion:142 Resp: 435057  
Ion Ratio Lower Upper  
142 100  
141 94.2 74.2 111.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.992 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



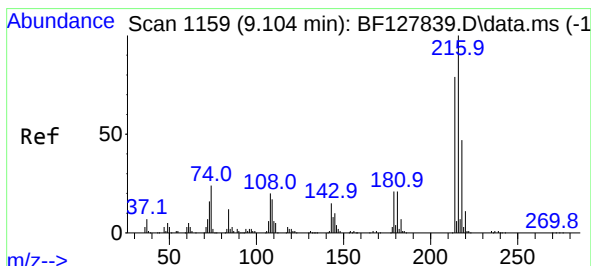
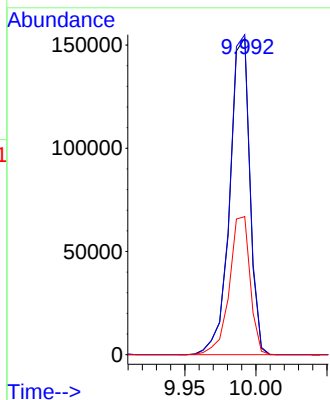
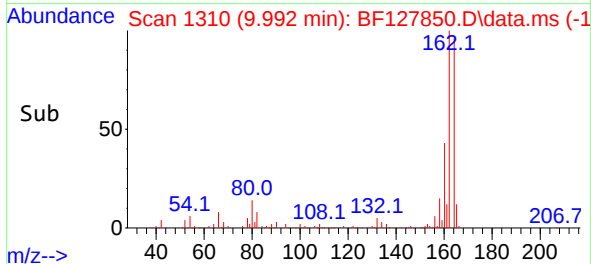
Tgt Ion:164 Resp: 15124  
Ion Ratio Lower Upper  
164 100  
162 101.1 81.2 121.8  
160 43.6 34.6 52.0

Manual Integrations  
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Giraldo

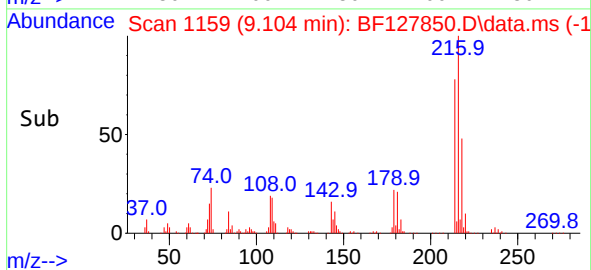
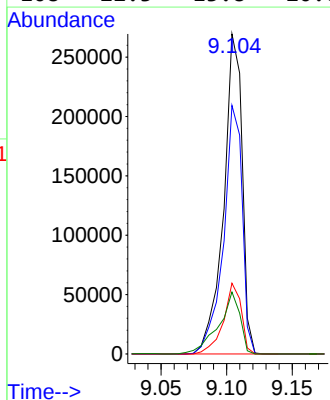
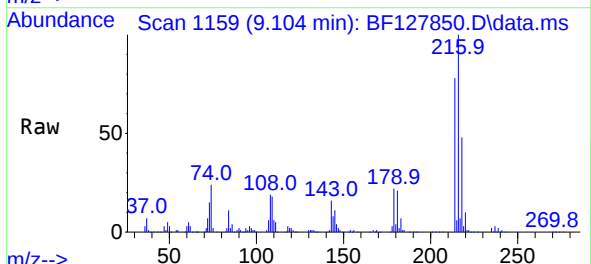
04/20/2022  
Supervised By :Jagrut  
Upadhyay

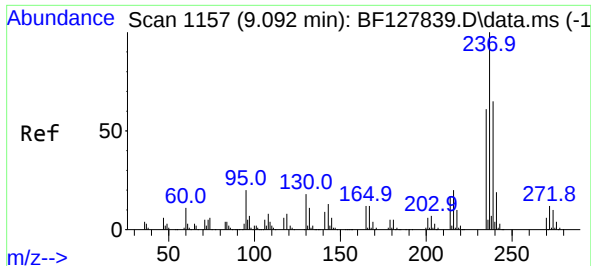
04/20/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.288 ng  
RT: 9.104 min Scan# 1159  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

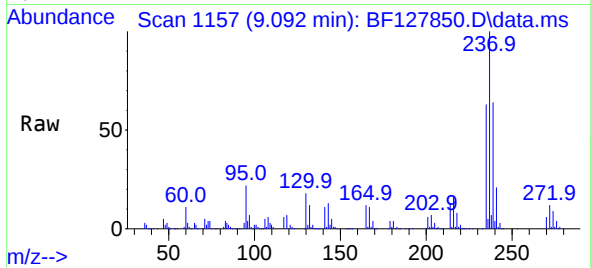
Tgt Ion:216 Resp: 264387  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.0 94.4  
179 21.4 15.5 23.3  
108 22.3 13.8 20.6#





#41  
Hexachlorocyclopentadiene  
Concen: 105.182 ng  
RT: 9.092 min Scan# 1157  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



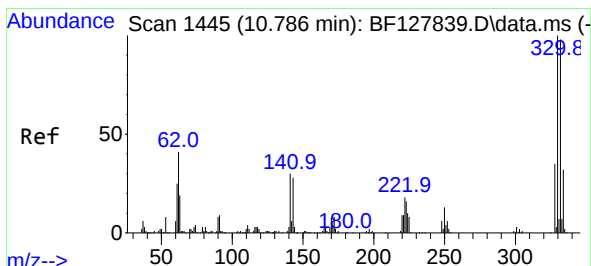
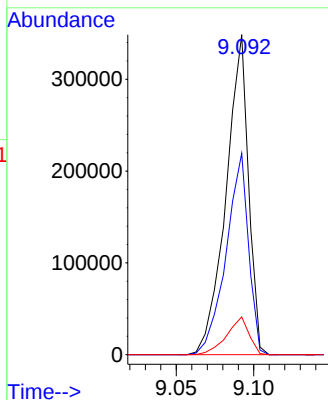
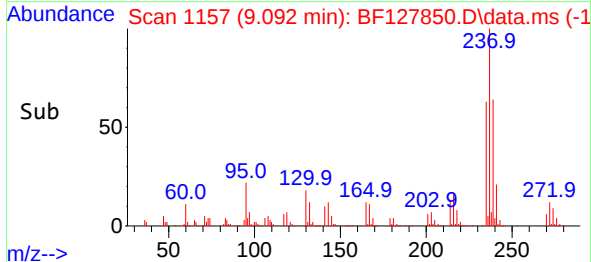
Tgt Ion:237 Resp: 350919  
Ion Ratio Lower Upper  
237 100  
235 63.0 40.4 80.4  
272 11.8 0.0 31.8

Manual Integrations  
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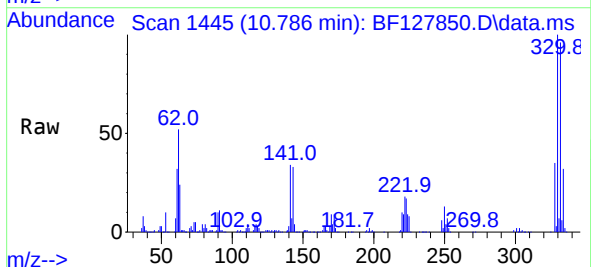
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

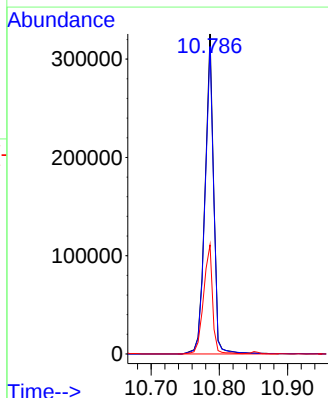
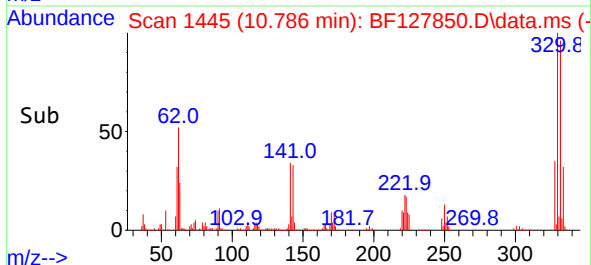
04/20/2022

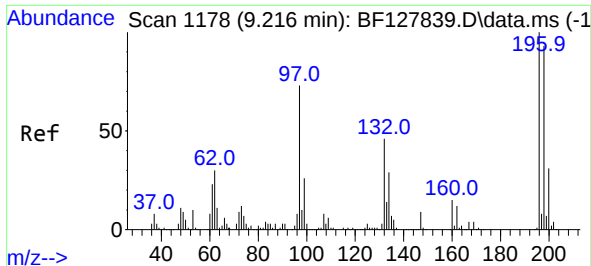


#42  
2,4,6-Tribromophenol  
Concen: 156.133 ng  
RT: 10.786 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



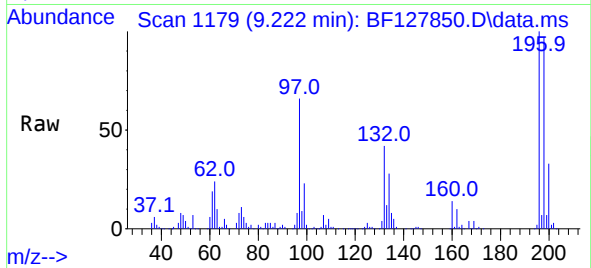
Tgt Ion:330 Resp: 287659  
Ion Ratio Lower Upper  
330 100  
332 96.8 79.1 118.7  
141 35.6 26.2 39.4





#43  
2,4,6-Trichlorophenol  
Concen: 44.052 ng  
RT: 9.222 min Scan# 1179  
Delta R.T. 0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



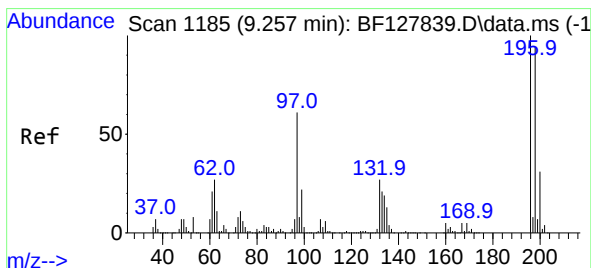
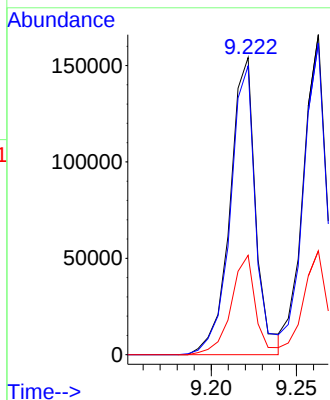
Tgt Ion:196 Resp: 161410  
Ion Ratio Lower Upper  
196 100  
198 97.2 77.8 116.6  
200 33.4 25.9 38.9

Manual Integrations  
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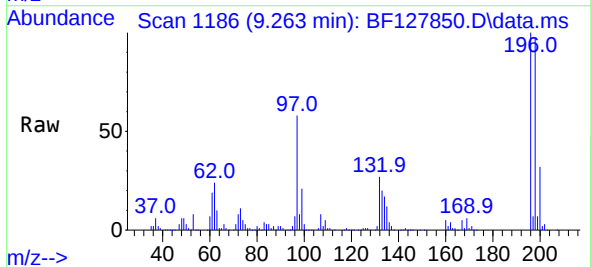
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

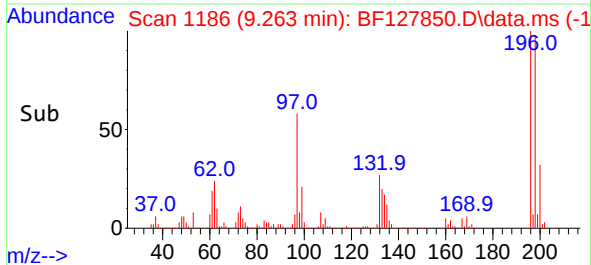
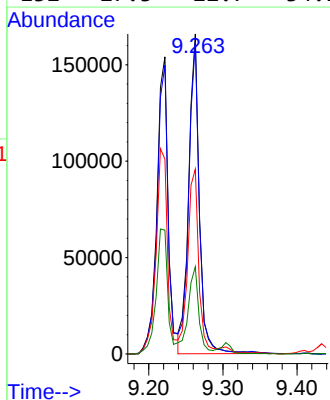
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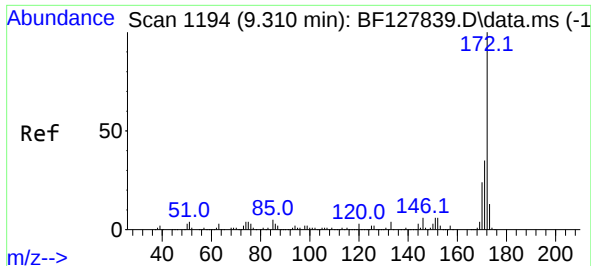


#44  
2,4,5-Trichlorophenol  
Concen: 43.112 ng  
RT: 9.263 min Scan# 1186  
Delta R.T. 0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



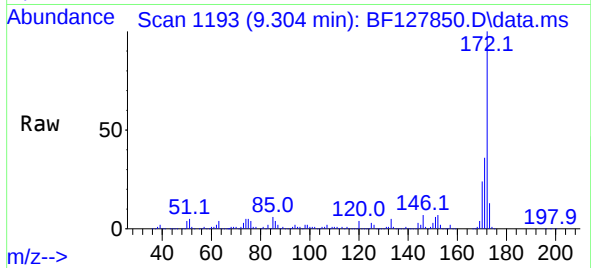
Tgt Ion:196 Resp: 167205  
Ion Ratio Lower Upper  
196 100  
198 97.4 75.3 112.9  
97 57.7 46.8 70.2  
132 27.3 22.7 34.1





#45  
2-Fluorobiphenyl  
Concen: 98.945 ng  
RT: 9.304 min Scan# 1194  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



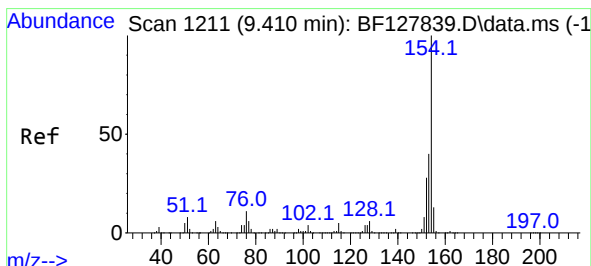
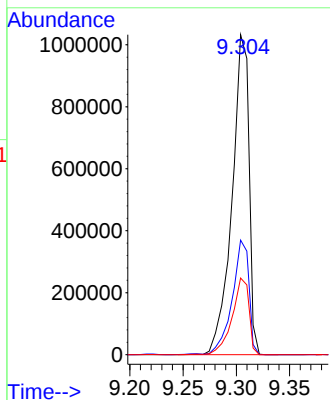
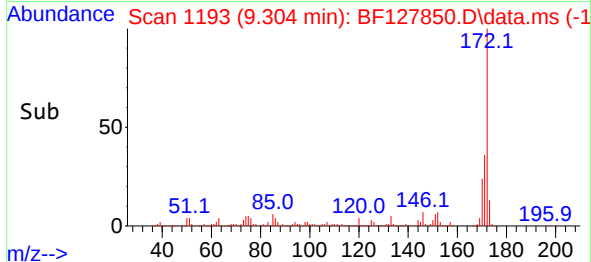
Tgt Ion:172 Resp: 1145690  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.4 42.6  
170 24.0 18.6 27.8

Manual Integrations  
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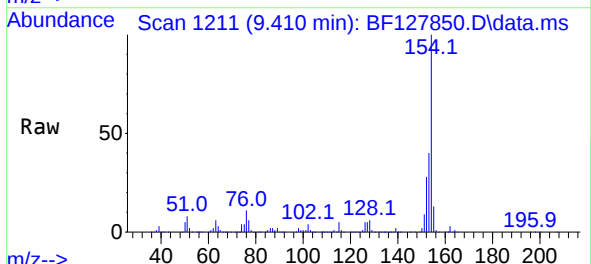
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

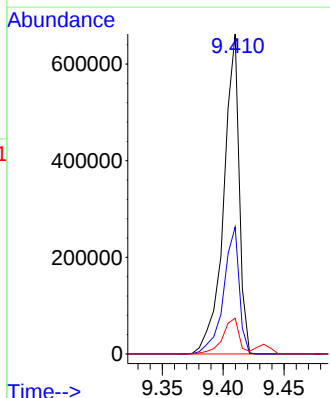
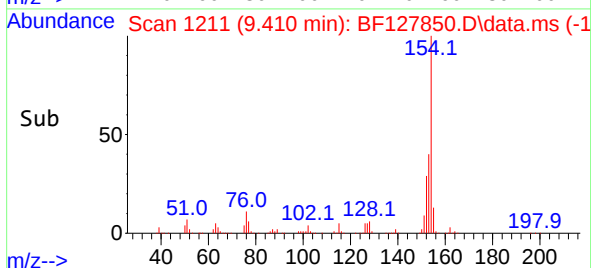
04/20/2022

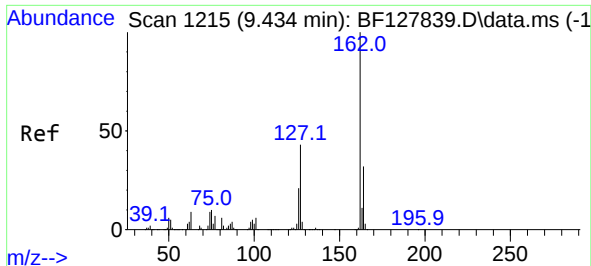


#46  
1,1'-Biphenyl  
Concen: 48.335 ng  
RT: 9.410 min Scan# 1211  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



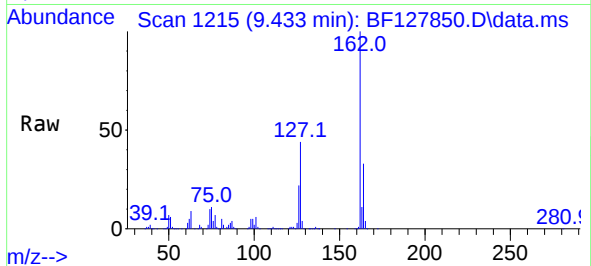
Tgt Ion:154 Resp: 586636  
Ion Ratio Lower Upper  
154 100  
153 39.7 20.3 60.3  
76 11.2 0.0 33.9





#47  
2-Chloronaphthalene  
Concen: 45.790 ng  
RT: 9.433 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



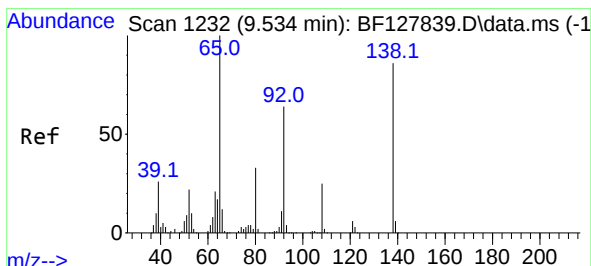
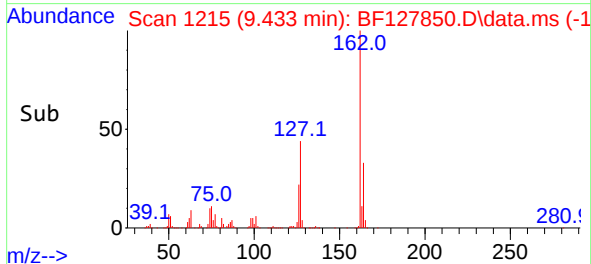
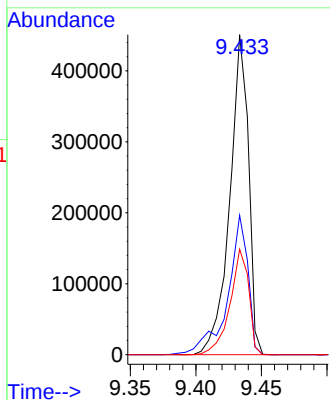
Tgt Ion:162 Resp: 44865  
Ion Ratio Lower Upper  
162 100  
127 43.6 31.8 47.6  
164 33.0 26.4 39.6

Manual Integrations  
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Reviewed By :Christian  
Giraldo

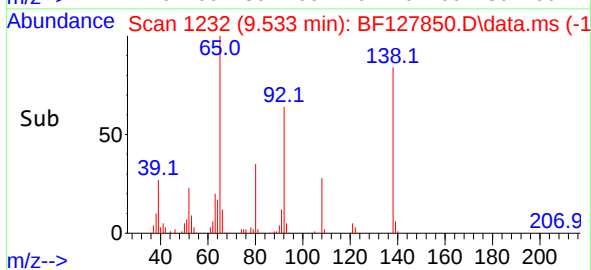
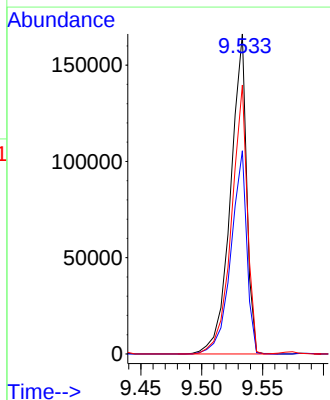
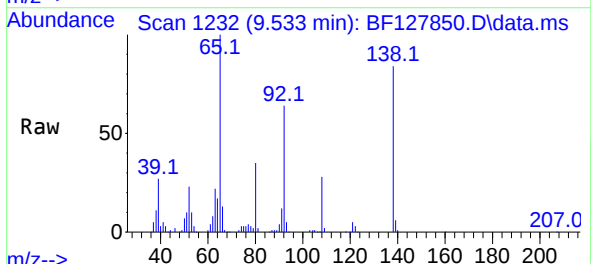
04/20/2022  
Supervised By :Jagrut  
Upadhyay

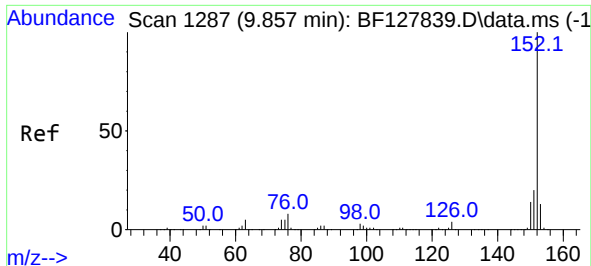
04/20/2022



#48  
2-Nitroaniline  
Concen: 44.928 ng  
RT: 9.533 min Scan# 1232  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

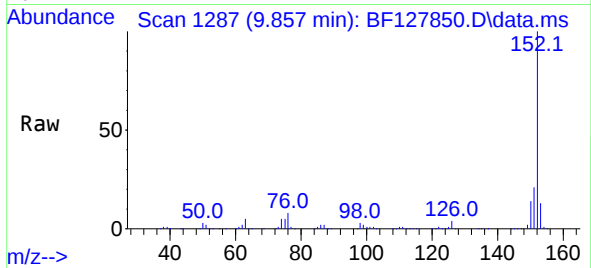
Tgt Ion: 65 Resp: 152689  
Ion Ratio Lower Upper  
65 100  
92 63.5 50.0 75.0  
138 84.1 64.1 96.1





#49  
Acenaphthylene  
Concen: 51.140 ng  
RT: 9.857 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



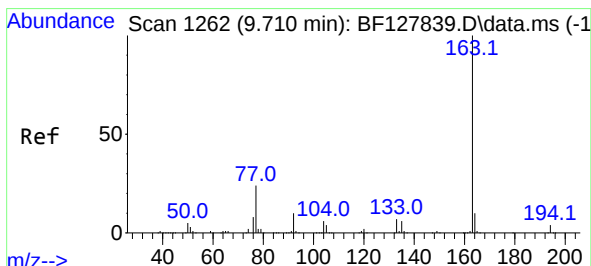
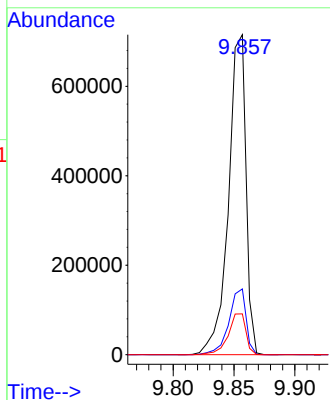
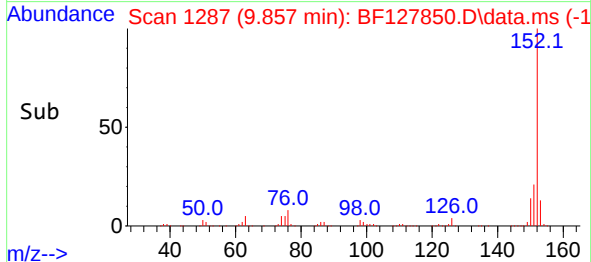
Tgt Ion:152 Resp: 71729  
Ion Ratio Lower Upper  
152 100  
151 20.6 15.8 23.8  
153 12.8 10.5 15.7

Manual Integrations  
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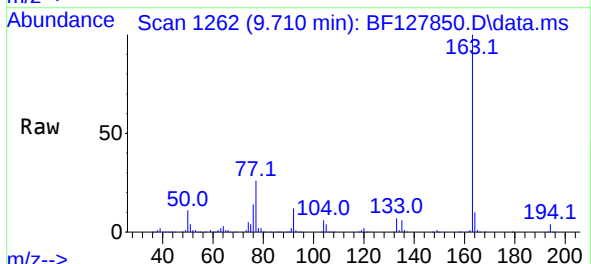
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

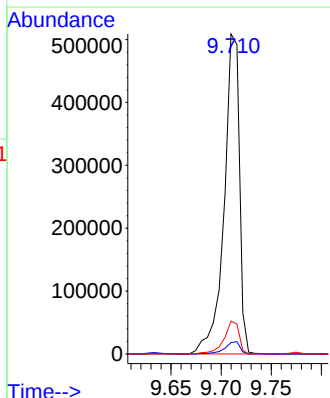
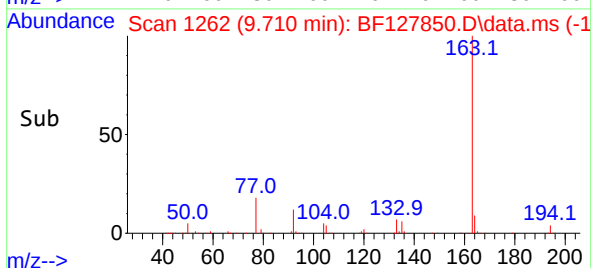
04/20/2022

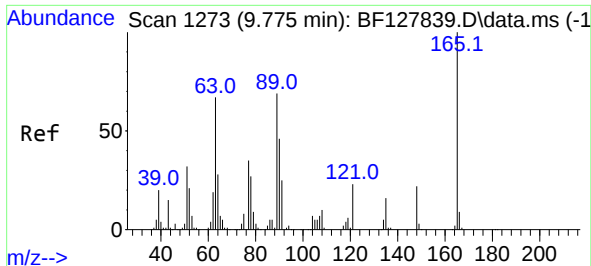


#50  
Dimethylphthalate  
Concen: 47.645 ng  
RT: 9.710 min Scan# 1262  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



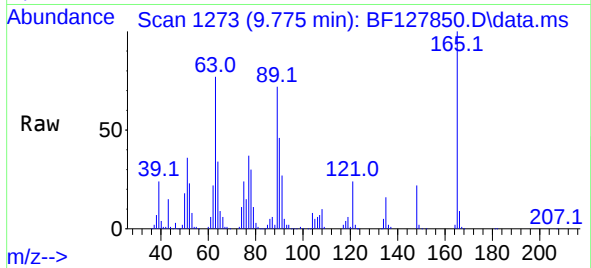
Tgt Ion:163 Resp: 540841  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.3 4.9  
164 10.3 7.8 11.8





#51  
2,6-Dinitrotoluene  
Concen: 48.981 ng  
RT: 9.775 min Scan# 110638  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



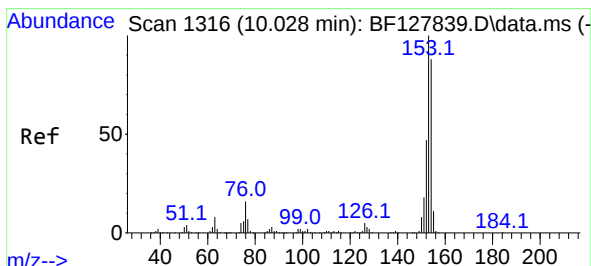
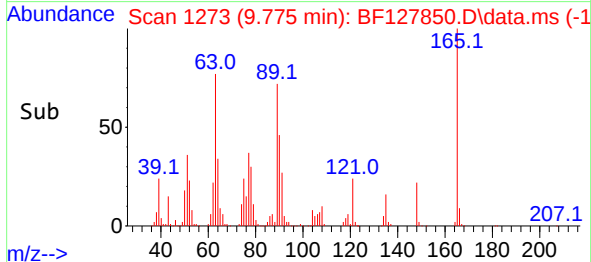
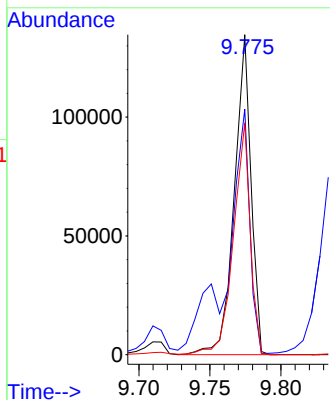
Tgt Ion:165 Resp: 110638  
Ion Ratio Lower Upper  
165 100  
63 76.7 58.3 87.5  
89 72.4 51.5 77.3

Manual Integrations  
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Reviewed By :Christian  
Giraldo

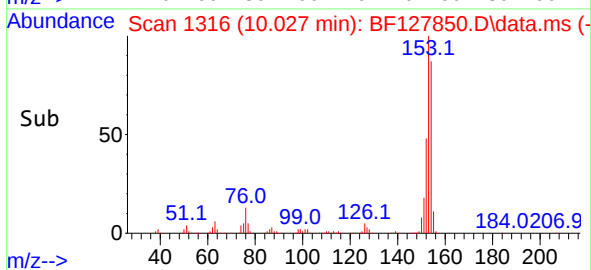
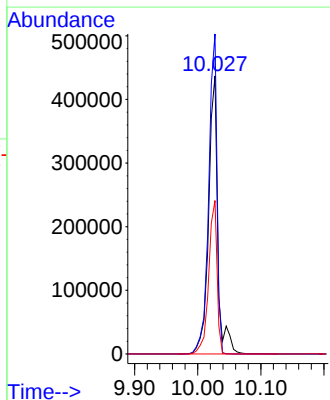
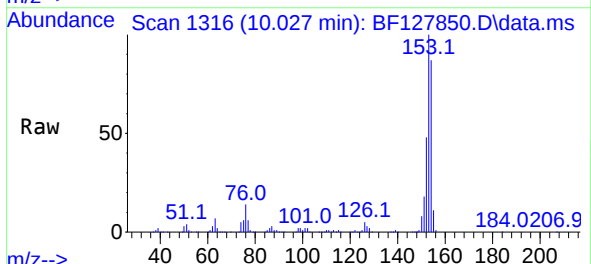
04/20/2022  
Supervised By :Jagrut  
Upadhyay

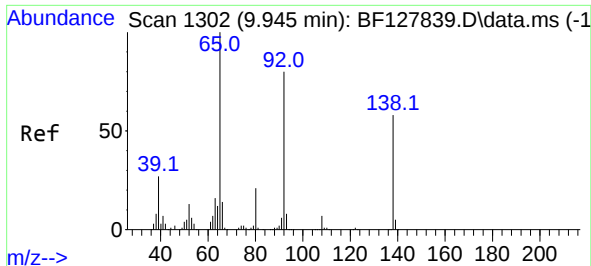
04/20/2022



#52  
Acenaphthene  
Concen: 49.019 ng  
RT: 10.027 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

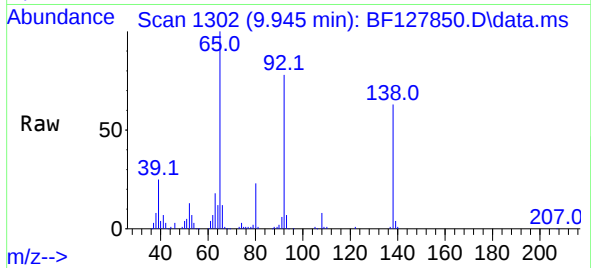
Tgt Ion:154 Resp: 442076  
Ion Ratio Lower Upper  
154 100  
153 115.1 87.6 131.4  
152 55.2 42.9 64.3





#53  
3-Nitroaniline  
Concen: 19.075 ng  
RT: 9.945 min Scan# 1302  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



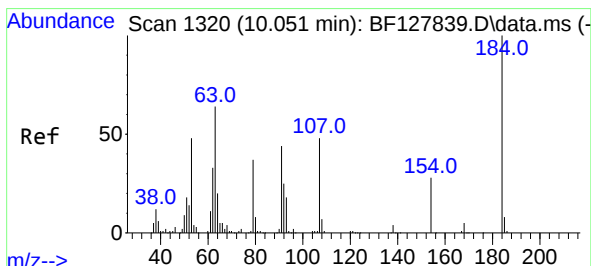
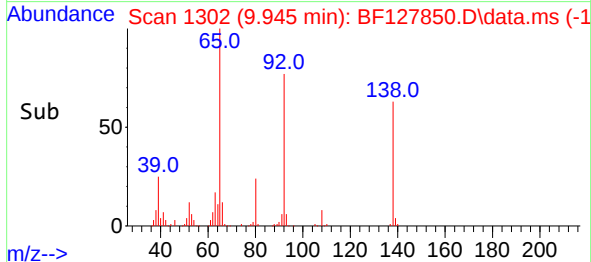
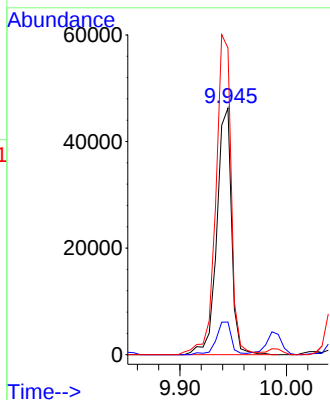
Tgt Ion:138 Resp: 44440  
Ion Ratio Lower Upper  
138 100  
108 13.2 9.4 14.0  
92 124.4 106.1 159.1

Manual Integrations  
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Reviewed By :Christian  
Giraldo

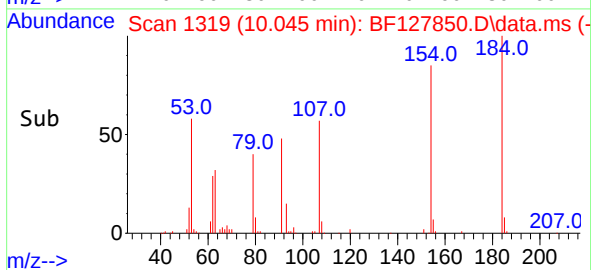
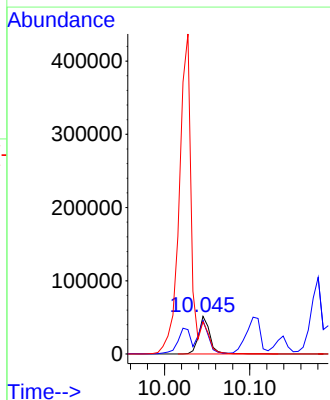
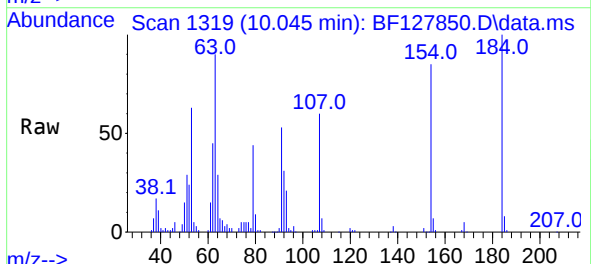
04/20/2022  
Supervised By :Jagrut  
Upadhyay

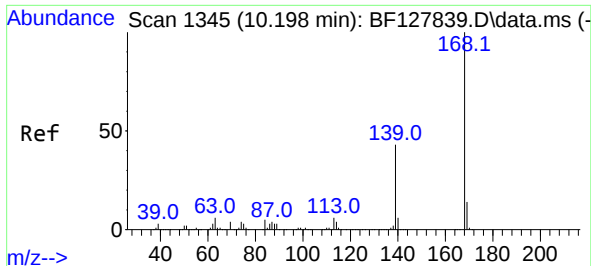
04/20/2022



#54  
2,4-Dinitrophenol  
Concen: 37.013 ng  
RT: 10.045 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

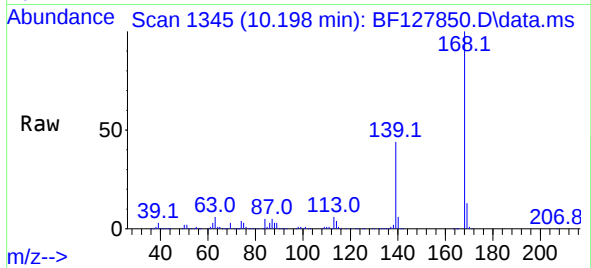
Tgt Ion:184 Resp: 46914  
Ion Ratio Lower Upper  
184 100  
63 89.6 58.1 87.1#  
154 85.4 53.2 79.8#





#55  
Dibenzofuran  
Concen: 49.527 ng  
RT: 10.198 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



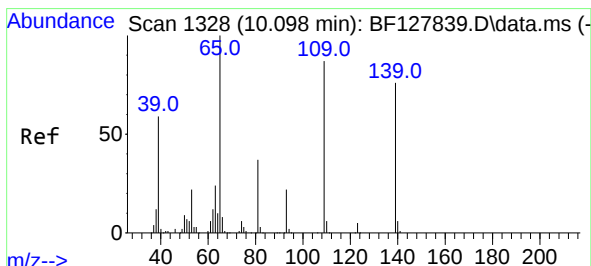
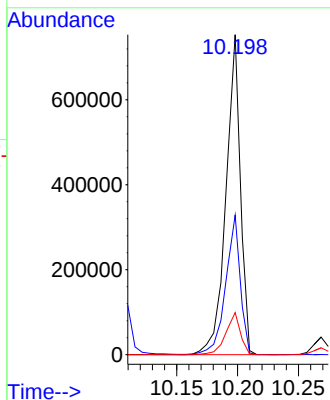
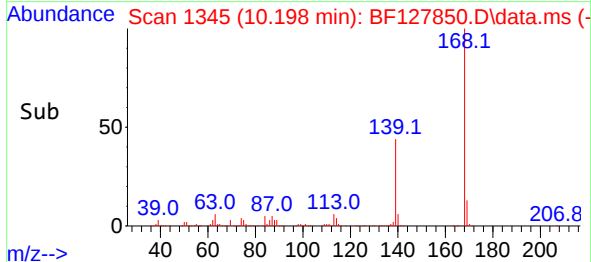
Tgt Ion:168 Resp: 62392  
Ion Ratio Lower Upper  
168 100  
139 43.6 30.3 45.5  
169 13.1 10.8 16.2

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

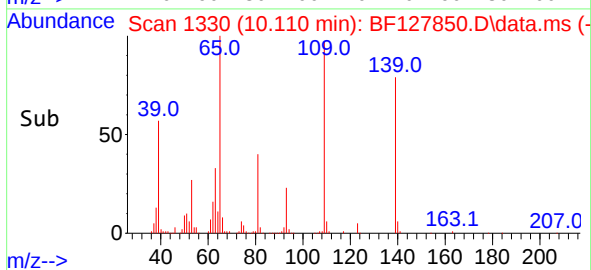
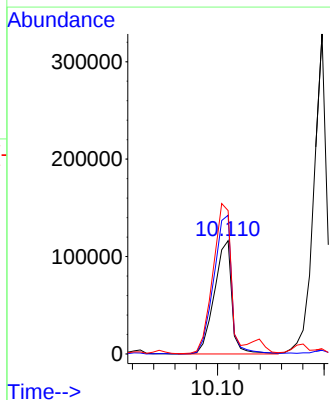
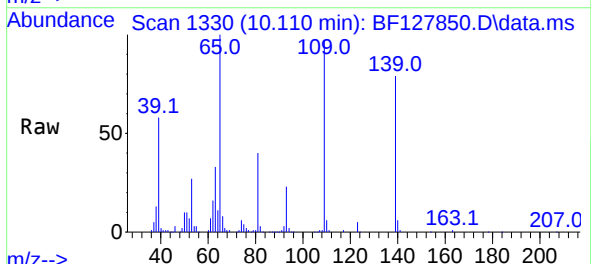
04/20/2022  
Supervised By :Jagrut  
Upadhyay

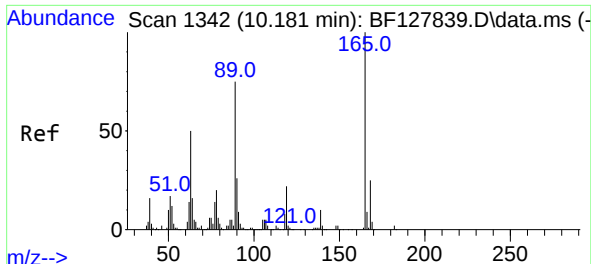
04/20/2022



#56  
4-Nitrophenol  
Concen: 76.584 ng  
RT: 10.110 min Scan# 1330  
Delta R.T. 0.012 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

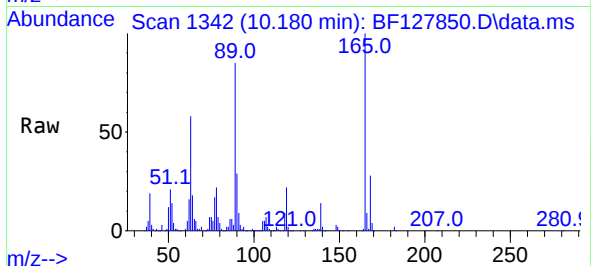
Tgt Ion:139 Resp: 131824  
Ion Ratio Lower Upper  
139 100  
109 122.5 64.3 104.3#  
65 126.6 117.5 157.5





#57  
2,4-Dinitrotoluene  
Concen: 52.060 ng  
RT: 10.180 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



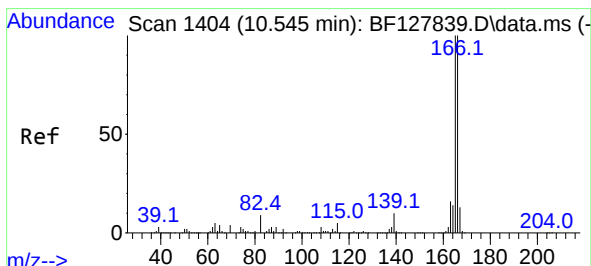
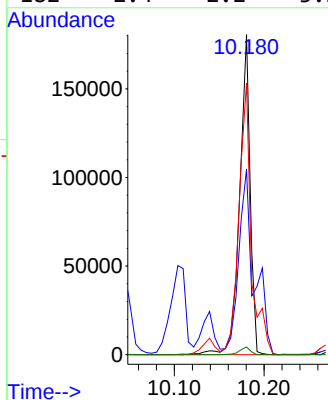
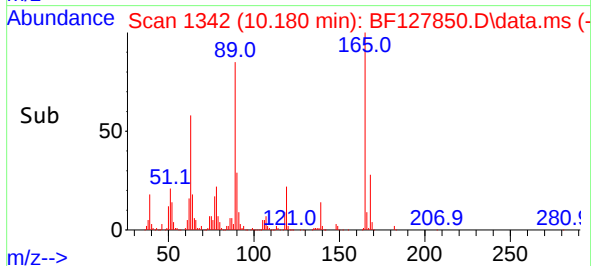
Tgt Ion:165 Resp: 147249  
Ion Ratio Lower Upper  
165 100  
63 58.0 53.1 79.7  
89 84.8 69.2 103.8  
182 2.4 2.2 3.2

Manual Integrations  
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Reviewed By :Christian  
Giraldo

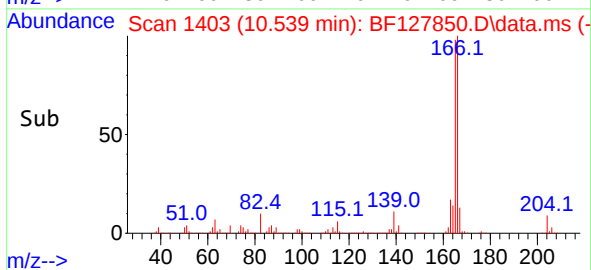
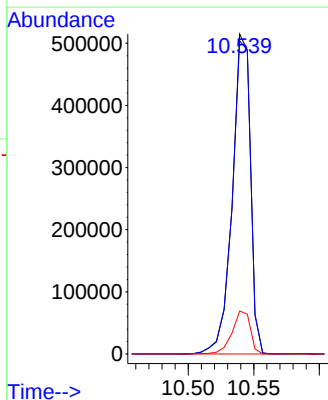
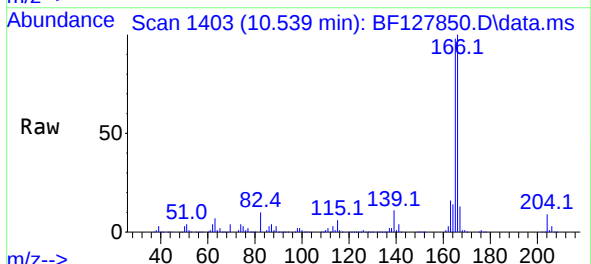
04/20/2022  
Supervised By :Jagrut  
Upadhyay

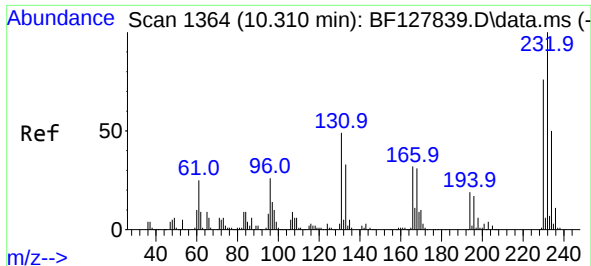
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#58  
Fluorene  
Concen: 51.640 ng  
RT: 10.539 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

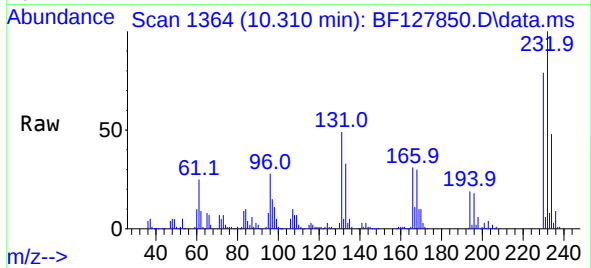
Tgt Ion:166 Resp: 496318  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.1 117.1  
167 13.4 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.909 ng m  
RT: 10.310 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



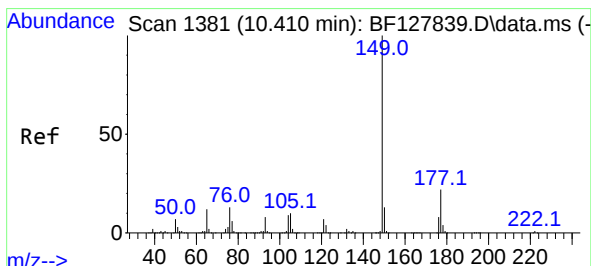
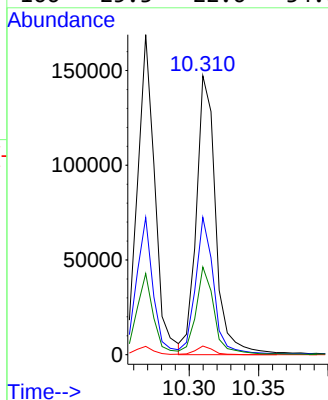
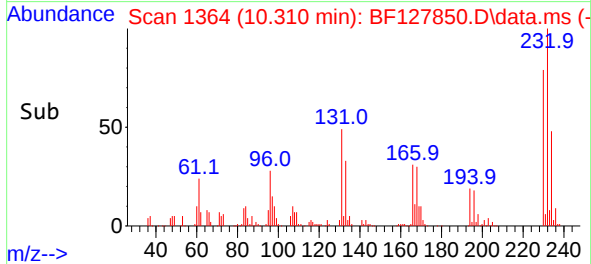
Tgt Ion:232 Resp: 143517  
Ion Ratio Lower Upper  
232 100  
131 42.6 33.4 50.0  
130 2.7 1.8 2.6  
166 25.3 22.6 34.0

Manual Integrations  
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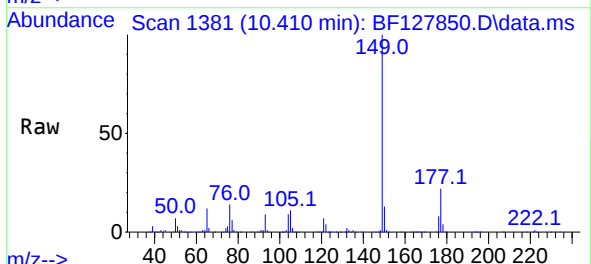
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

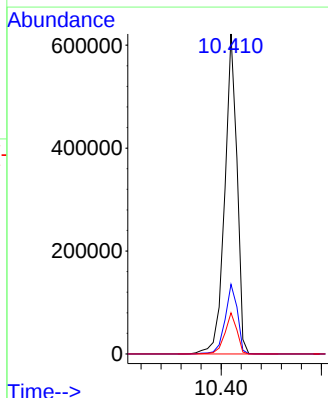
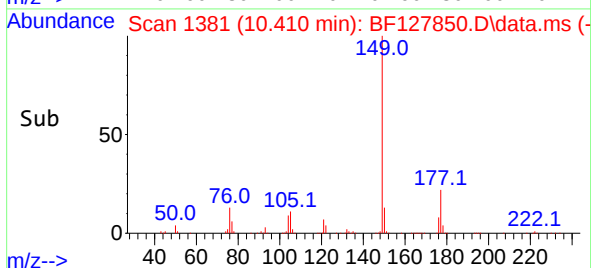
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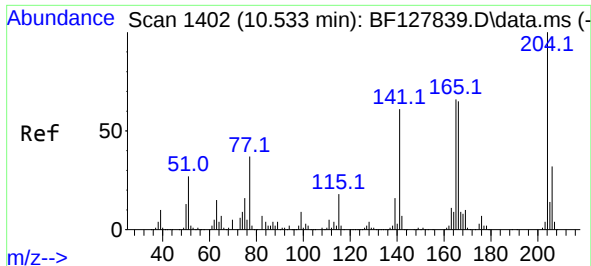


#60  
Diethylphthalate  
Concen: 50.592 ng  
RT: 10.410 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



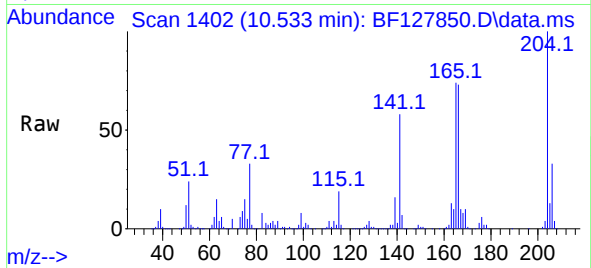
Tgt Ion:149 Resp: 525066  
Ion Ratio Lower Upper  
149 100  
177 21.7 18.9 28.3  
150 12.8 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 51.018 ng  
RT: 10.533 min Scan# 1402  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



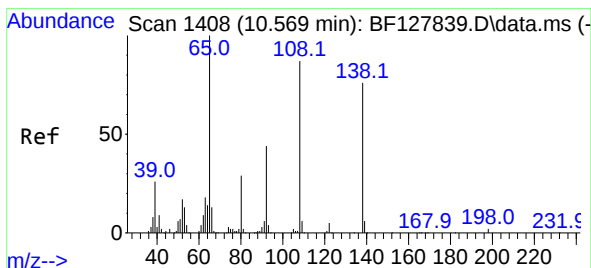
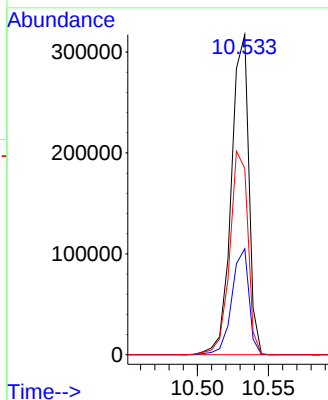
Tgt Ion:204 Resp: 272120  
Ion Ratio Lower Upper  
204 100  
206 33.1 25.9 38.9  
141 58.2 47.8 71.8

Manual Integrations  
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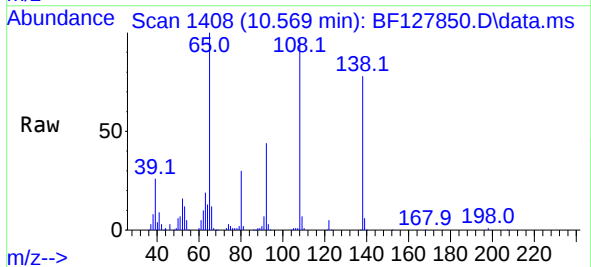
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

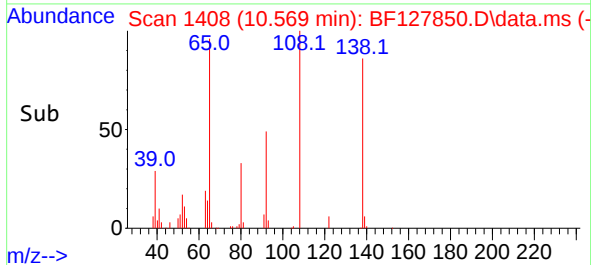
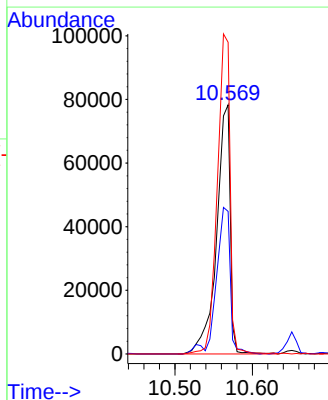
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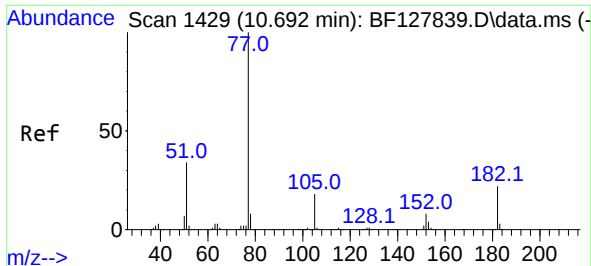


#62  
4-Nitroaniline  
Concen: 46.010 ng  
RT: 10.569 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



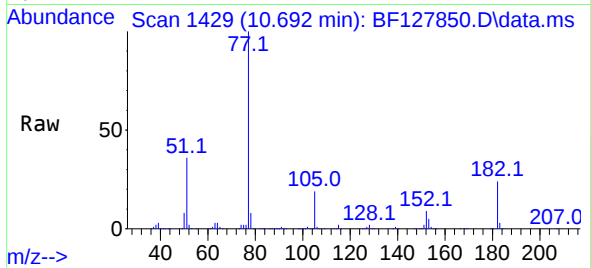
Tgt Ion:138 Resp: 95671  
Ion Ratio Lower Upper  
138 100  
92 57.3 40.5 80.5  
108 125.1 69.2 109.2#





#63  
Azobenzene  
Concen: 49.190 ng  
RT: 10.692 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



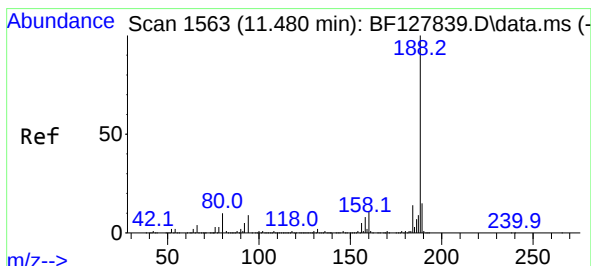
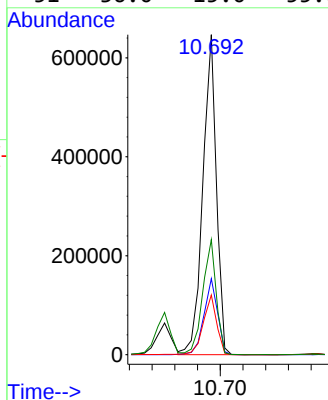
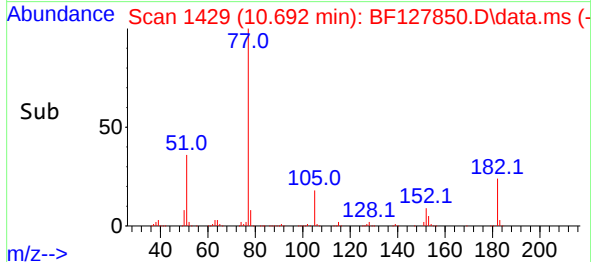
Tgt Ion: 77 Resp: 535052  
Ion Ratio Lower Upper  
77 100  
182 23.8 4.5 44.5  
105 18.7 0.3 40.3  
51 36.0 15.0 55.0

Manual Integrations  
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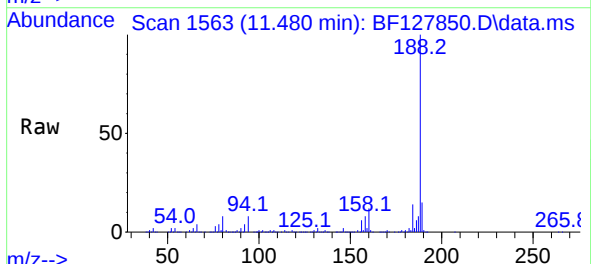
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

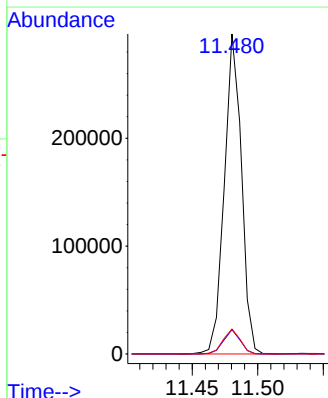
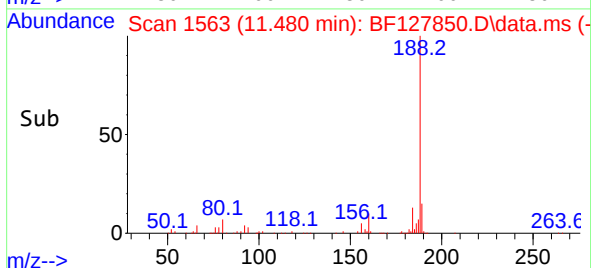
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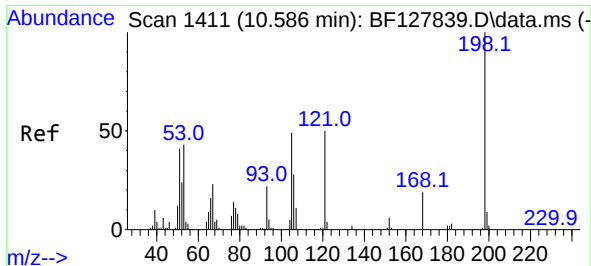


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 1563  
Delta R.T. 0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



Tgt Ion:188 Resp: 268947  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.4 11.0  
80 7.8 8.0 12.0#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 24.377 ng  
RT: 10.586 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD

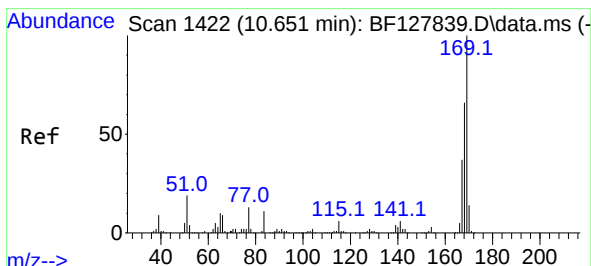
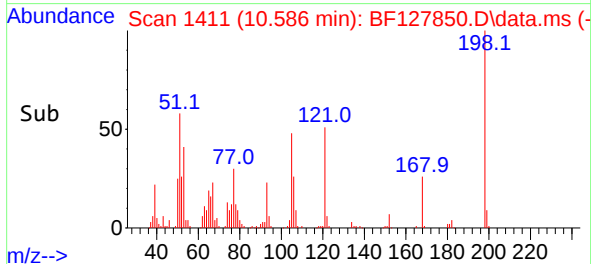
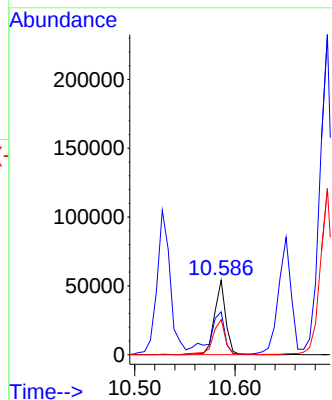
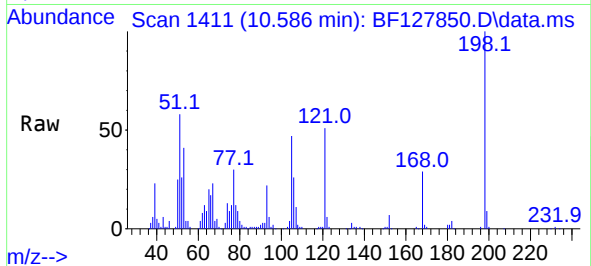
Tgt Ion:198 Resp: 4189  
Ion Ratio Lower Upper  
198 100  
51 57.6 42.7 82.7  
105 47.0 25.4 65.4

Manual Integrations  
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Reviewed By :Christian  
Giraldo

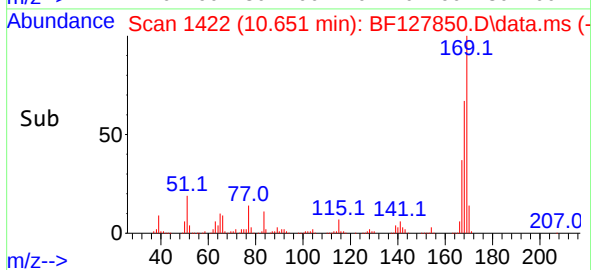
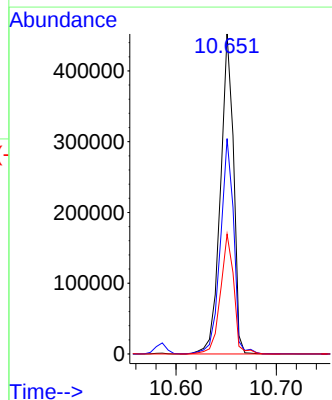
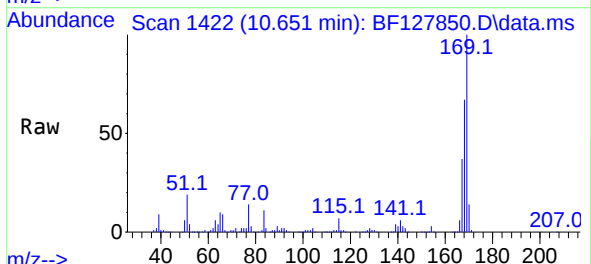
04/20/2022  
Supervised By :Jagrut  
Upadhyay

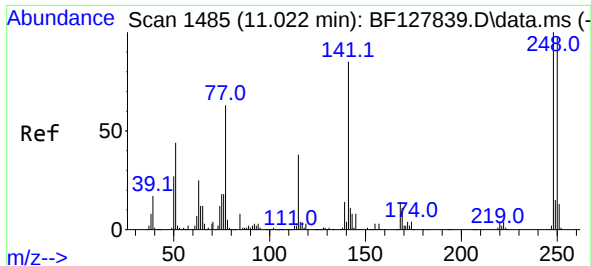
04/20/2022



#66  
n-Nitrosodiphenylamine  
Concen: 46.613 ng  
RT: 10.651 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

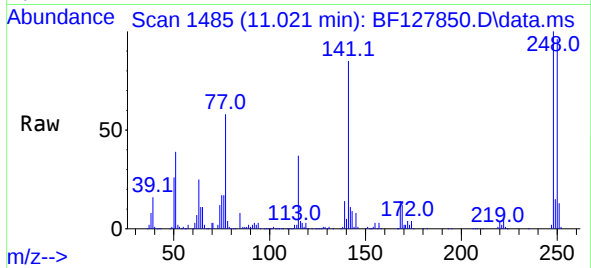
Tgt Ion:169 Resp: 409499  
Ion Ratio Lower Upper  
169 100  
168 67.3 52.7 79.1  
167 37.5 28.9 43.3





#67  
4-Bromophenyl-phenylether  
Concen: 46.765 ng  
RT: 11.021 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



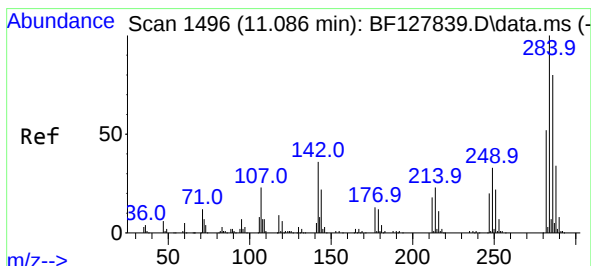
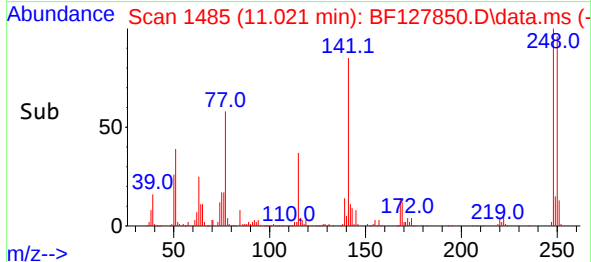
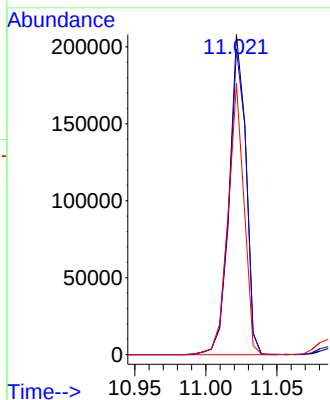
Tgt Ion:248 Resp: 17045  
Ion Ratio Lower Upper  
248 100  
250 95.5 76.6 115.0  
141 84.8 52.2 78.2

Manual Integrations  
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Reviewed By :Christian  
Giraldo

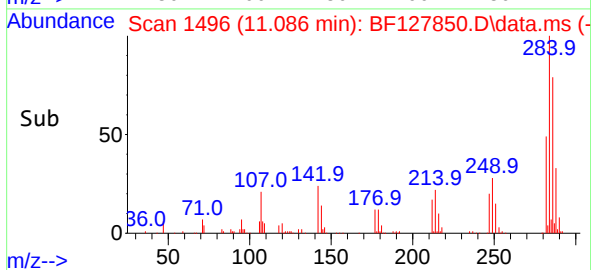
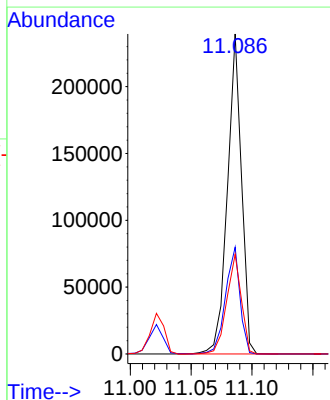
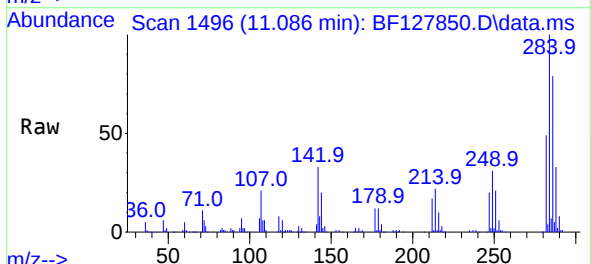
04/20/2022  
Supervised By :Jagrut  
Upadhyay

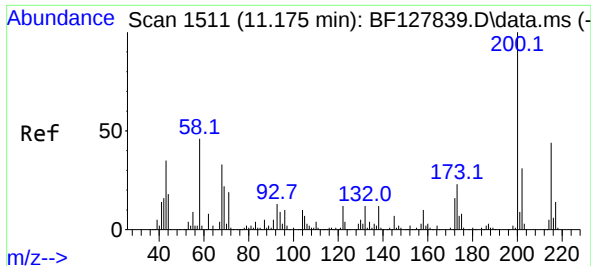
04/20/2022



#68  
Hexachlorobenzene  
Concen: 49.131 ng  
RT: 11.086 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

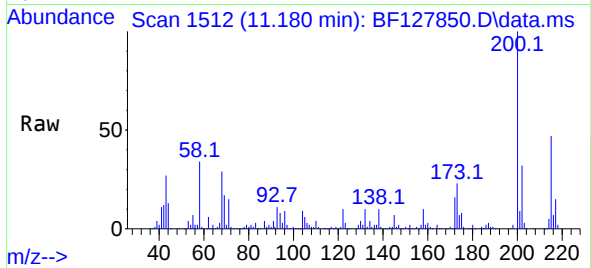
Tgt Ion:284 Resp: 191906  
Ion Ratio Lower Upper  
284 100  
142 33.4 23.8 35.8  
249 31.1 23.9 35.9





#69  
Atrazine  
Concen: 54.393 ng  
RT: 11.180 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



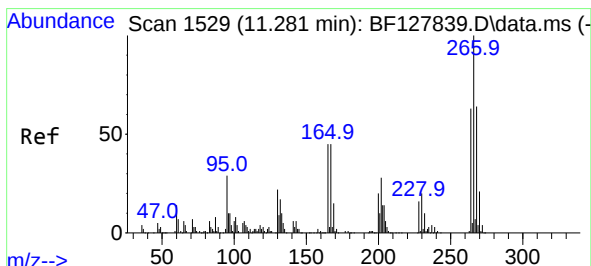
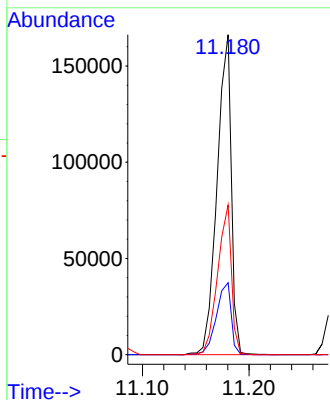
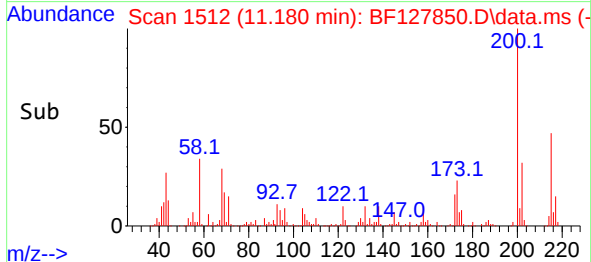
Tgt Ion:200 Resp: 153810  
Ion Ratio Lower Upper  
200 100  
173 22.5 2.9 42.9  
215 46.8 28.0 68.0

Manual Integrations  
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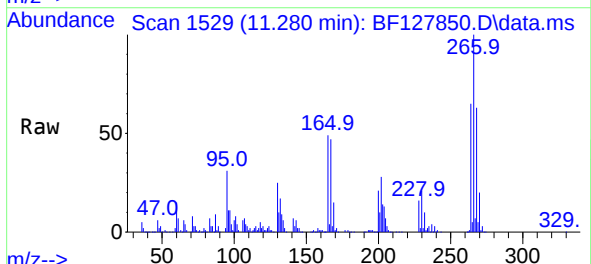
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

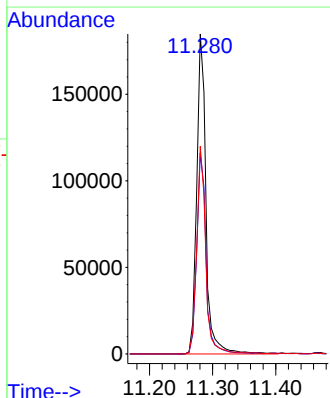
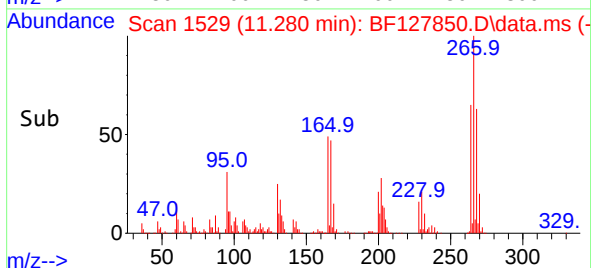
04/20/2022

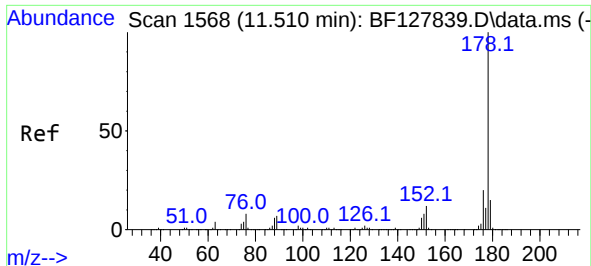


#70  
Pentachlorophenol  
Concen: 89.075 ng  
RT: 11.280 min Scan# 1529  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



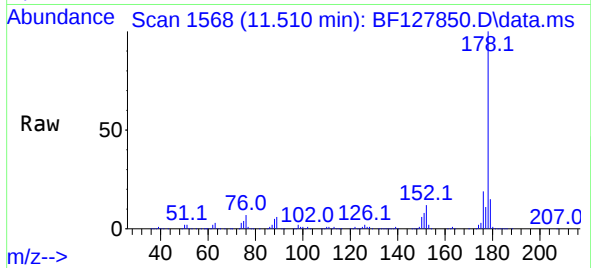
Tgt Ion:266 Resp: 187305  
Ion Ratio Lower Upper  
266 100  
268 62.8 50.4 75.6  
264 64.9 48.5 72.7





#71  
Phenanthrene  
Concen: 47.838 ng  
RT: 11.510 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



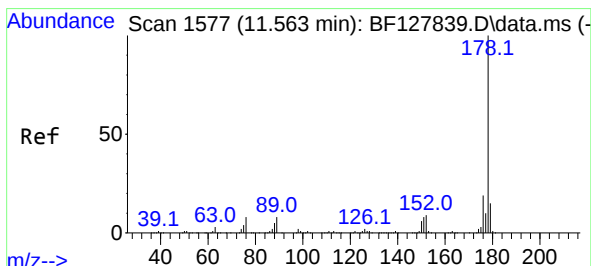
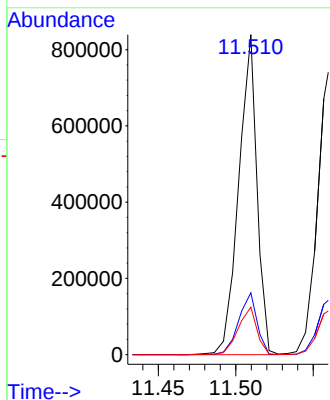
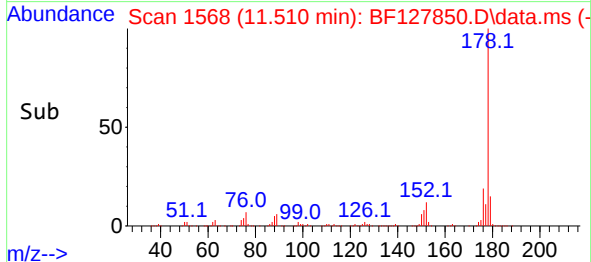
Tgt Ion:178 Resp: 687710  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 14.8 12.4 18.6

Manual Integrations  
APPROVED

Reviewed By :Christian  
Giraldo

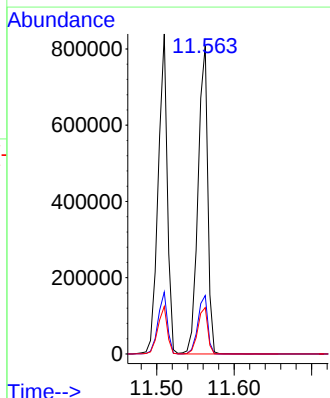
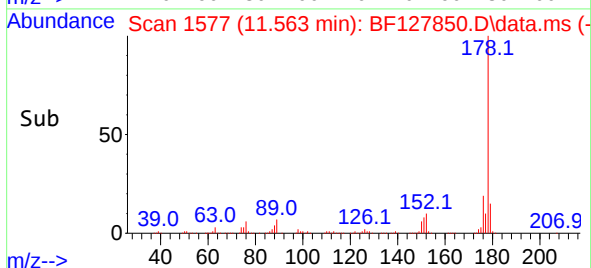
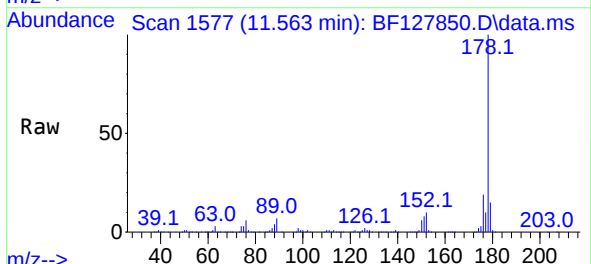
04/20/2022  
Supervised By :Jagrut  
Upadhyay

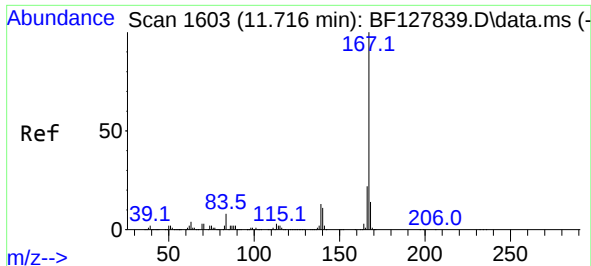
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#72  
Anthracene  
Concen: 48.272 ng  
RT: 11.563 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

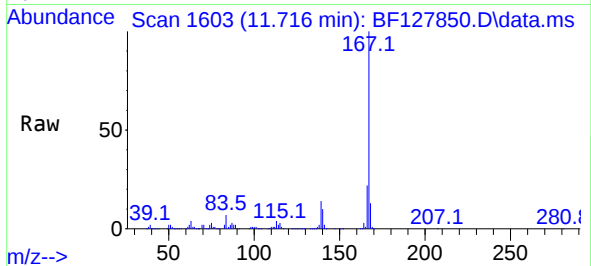
Tgt Ion:178 Resp: 701116  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.6 22.0  
179 15.1 12.4 18.6





#73  
 Carbazole  
 Concen: 43.775 ng  
 RT: 11.716 min Scan# 1603  
 Delta R.T. -0.000 min  
 Lab File: BF127850.D  
 Acq: 19 Apr 2022 19:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RCA-EDISON-PILE-1MSD



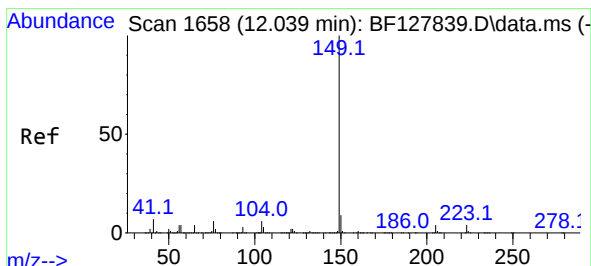
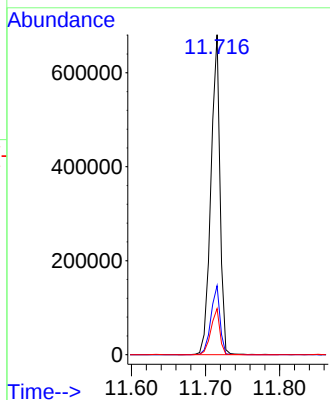
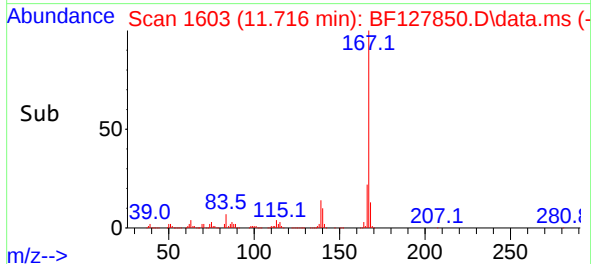
Tgt Ion:167 Resp: 578749  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.0 25.4  
 139 14.4 10.5 15.7

Manual Integrations  
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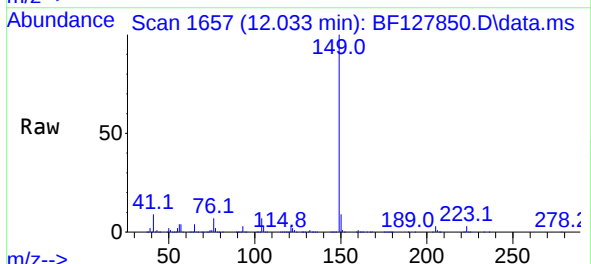
Reviewed By :Christian  
 Giraldo

04/20/2022  
 Supervised By :Jagrut  
 Upadhyay

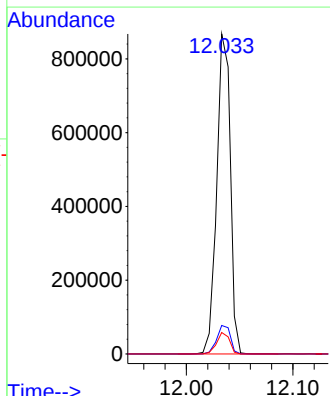
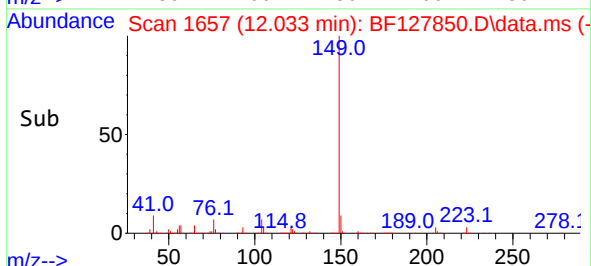
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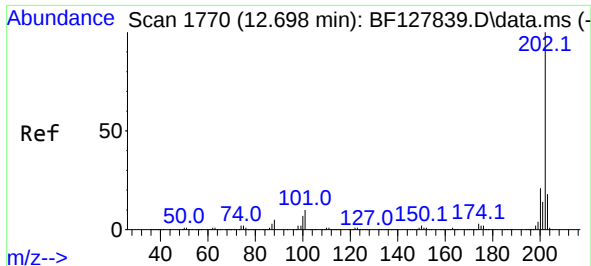


#74  
 Di-n-butylphthalate  
 Concen: 47.834 ng  
 RT: 12.033 min Scan# 1657  
 Delta R.T. -0.006 min  
 Lab File: BF127850.D  
 Acq: 19 Apr 2022 19:40



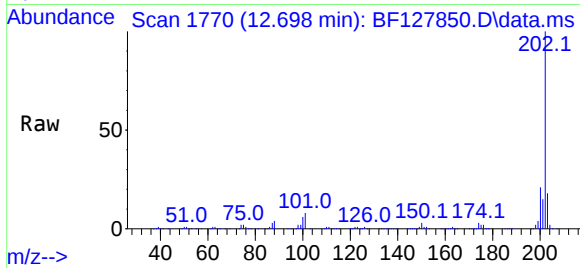
Tgt Ion:149 Resp: 763182  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.5 11.3  
 104 6.7 4.2 6.2#





#75  
Fluoranthene  
Concen: 44.253 ng  
RT: 12.698 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



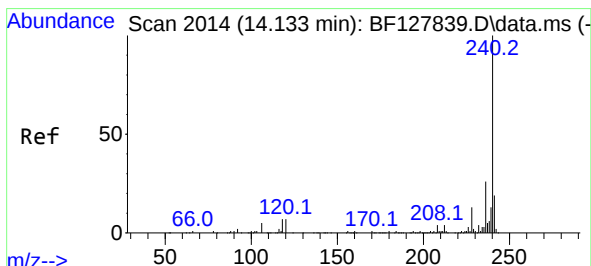
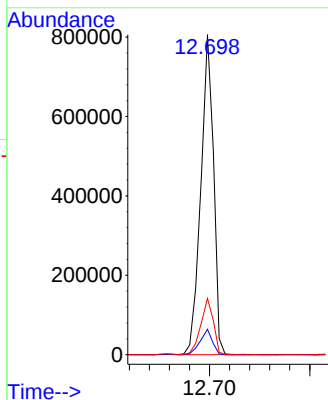
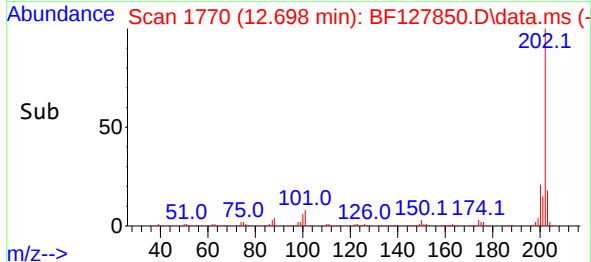
Tgt Ion:202 Resp: 71282  
Ion Ratio Lower Upper  
202 100  
101 8.0 0.0 29.0  
203 17.6 0.0 37.7

Manual Integrations  
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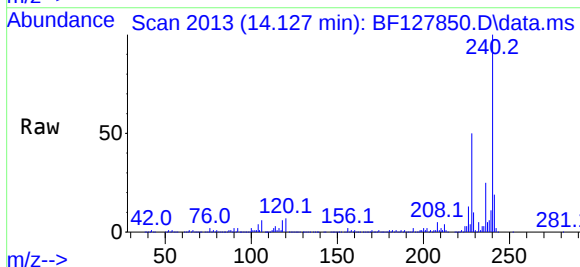
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

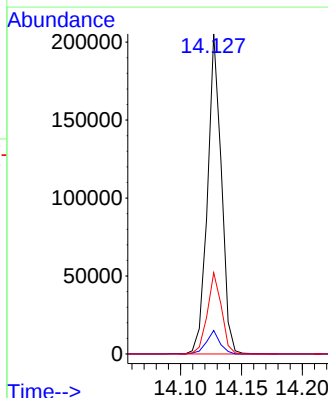
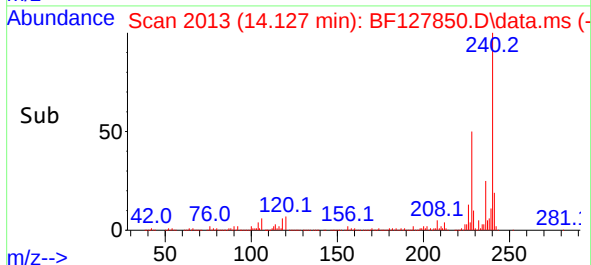
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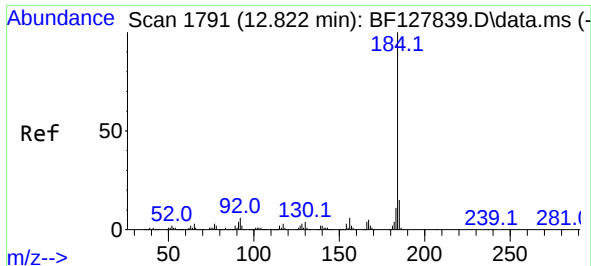


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



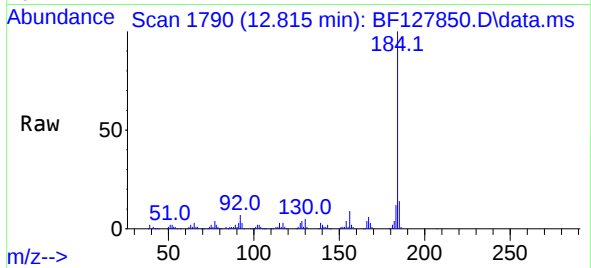
Tgt Ion:240 Resp: 161441  
Ion Ratio Lower Upper  
240 100  
120 7.4 7.1 10.7  
236 25.4 20.7 31.1





#77  
Benzidine  
Concen: 24.857 ng  
RT: 12.815 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



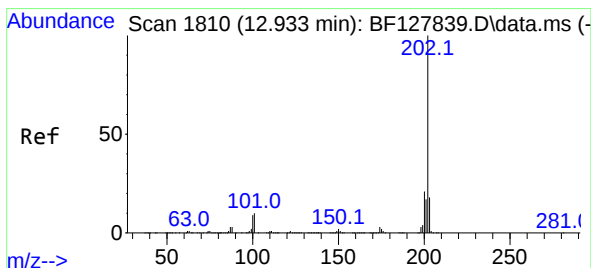
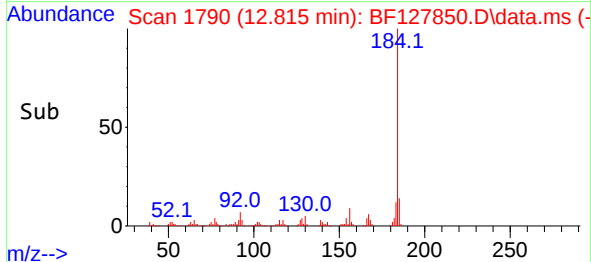
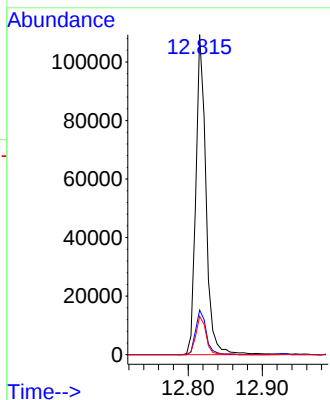
Tgt Ion:184 Resp: 103544  
Ion Ratio Lower Upper  
184 100  
185 14.0 12.2 18.2  
183 12.0 9.4 14.0

Manual Integrations  
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Reviewed By :Christian  
Giraldo

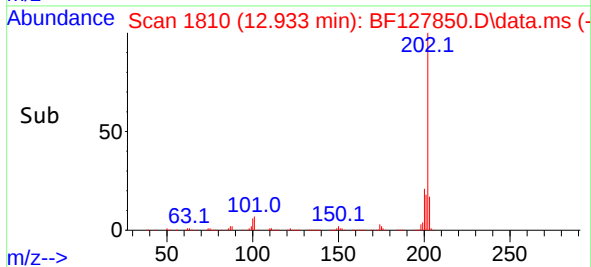
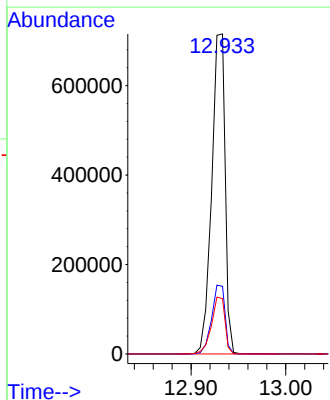
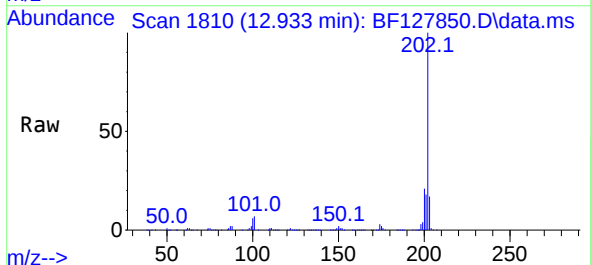
04/20/2022  
Supervised By :Jagrut  
Upadhyay

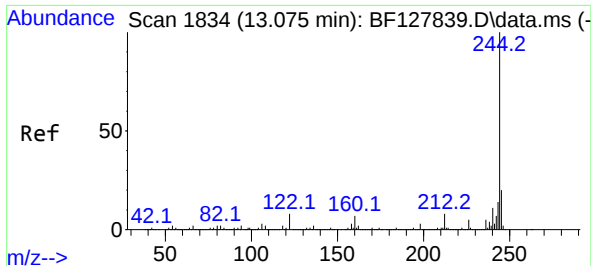
04/20/2022



#78  
Pyrene  
Concen: 51.498 ng  
RT: 12.933 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

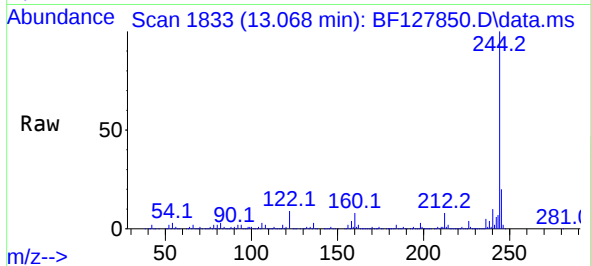
Tgt Ion:202 Resp: 703769  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.1 25.7  
203 17.3 14.3 21.5





#79  
 Terphenyl-d14  
 Concen: 114.944 ng  
 RT: 13.068 min Scan# 11  
 Delta R.T. -0.007 min  
 Lab File: BF127850.D  
 Acq: 19 Apr 2022 19:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RCA-EDISON-PILE-1MSD



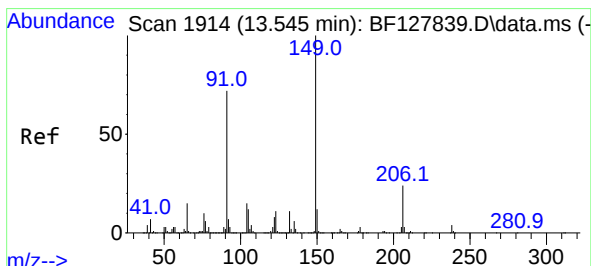
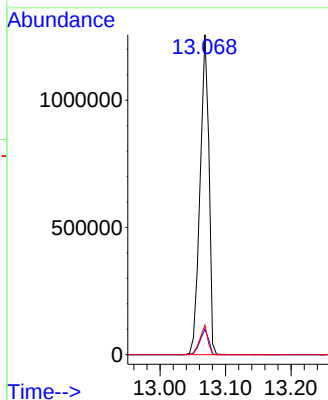
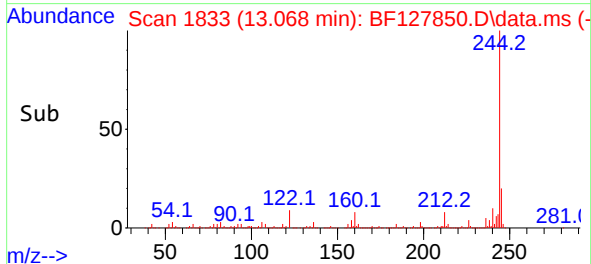
Tgt Ion:244 Resp: 1182224  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 5.7 8.5  
 122 9.2 6.2 9.2

Manual Integrations  
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Reviewed By :Christian  
 Giraldo

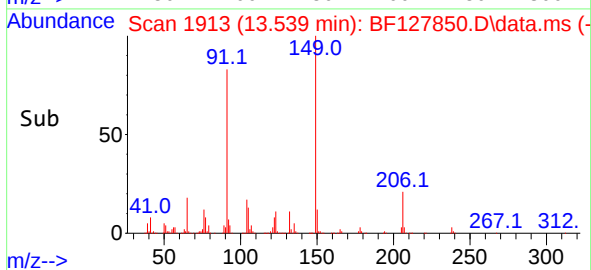
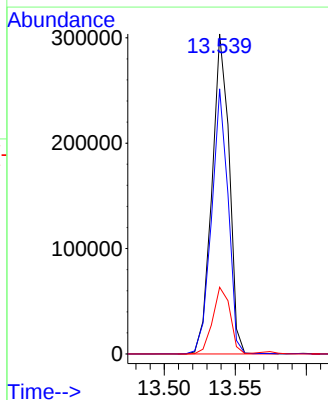
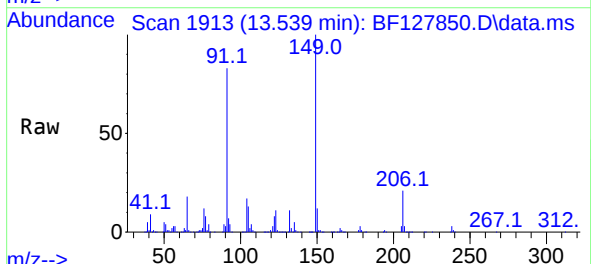
04/20/2022  
 Supervised By :Jagrut  
 Upadhyay

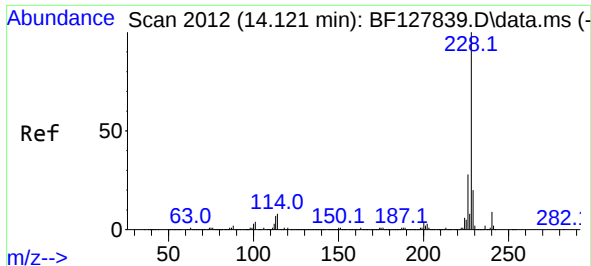
04/20/2022



#80  
 Butylbenzylphthalate  
 Concen: 48.018 ng  
 RT: 13.539 min Scan# 1913  
 Delta R.T. -0.006 min  
 Lab File: BF127850.D  
 Acq: 19 Apr 2022 19:40

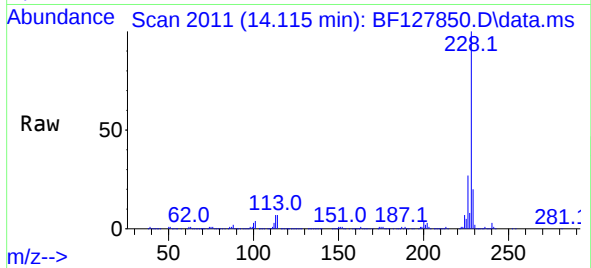
Tgt Ion:149 Resp: 256544  
 Ion Ratio Lower Upper  
 149 100  
 91 82.8 69.1 103.7  
 206 20.9 17.7 26.5





#81  
Benzo(a)anthracene  
Concen: 47.876 ng  
RT: 14.115 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



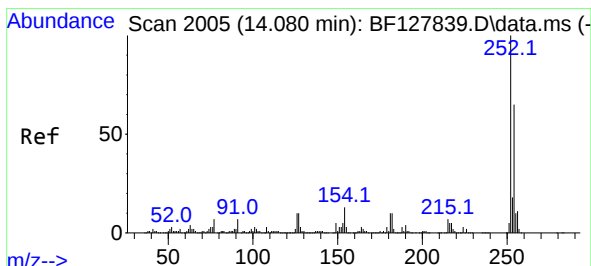
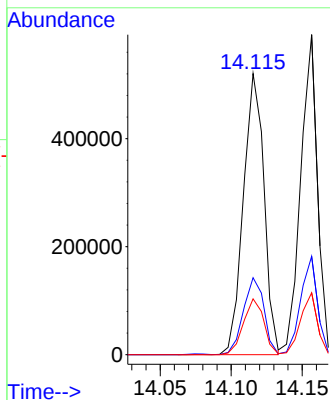
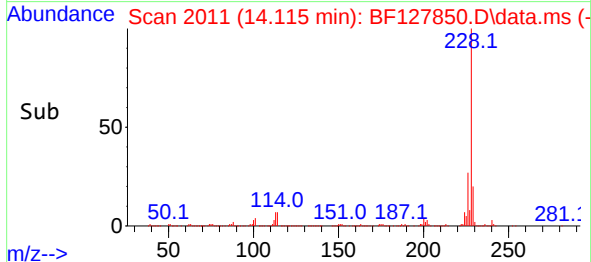
Tgt Ion:228 Resp: 52797  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.6 32.4  
229 19.9 15.4 23.2

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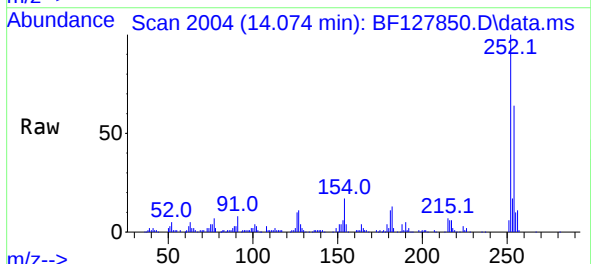
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

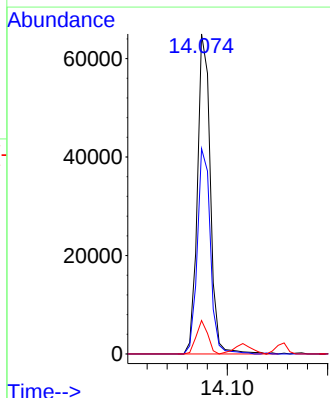
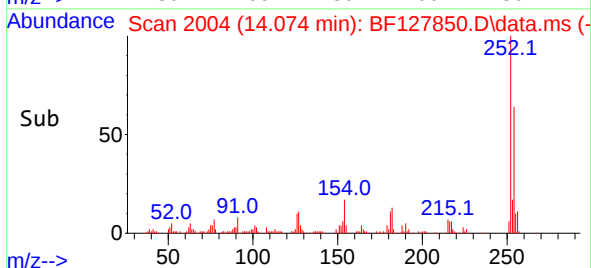
04/20/2022

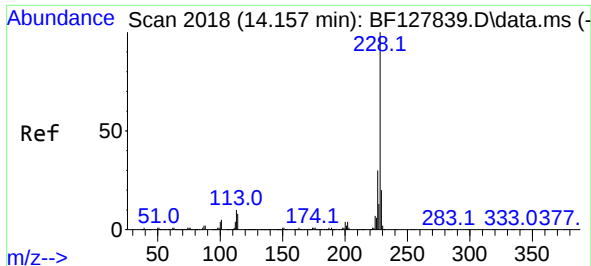


#82  
3,3'-Dichlorobenzidine  
Concen: 16.734 ng  
RT: 14.074 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



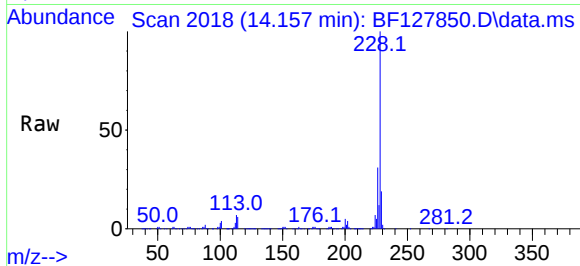
Tgt Ion:252 Resp: 58280  
Ion Ratio Lower Upper  
252 100  
254 64.2 50.2 75.4  
126 10.4 8.7 13.1





#83  
Chrysene  
Concen: 47.396 ng  
RT: 14.157 min Scan# 2007  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



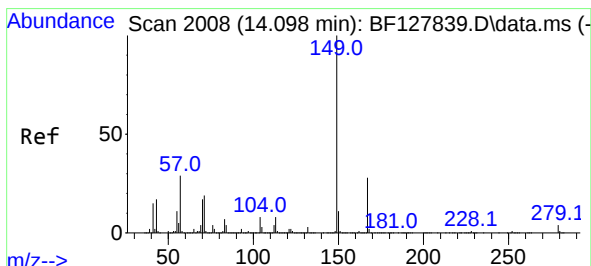
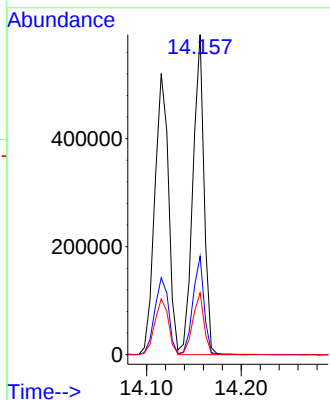
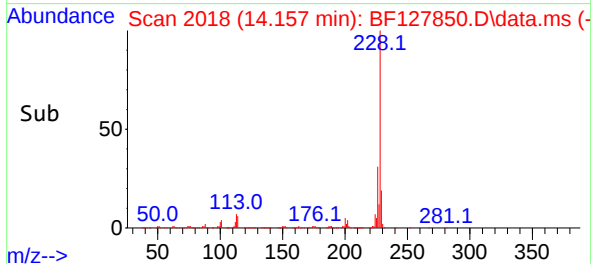
Tgt Ion:228 Resp: 487364  
Ion Ratio Lower Upper  
228 100  
226 30.7 24.2 36.4  
229 19.4 15.4 23.2

Manual Integrations  
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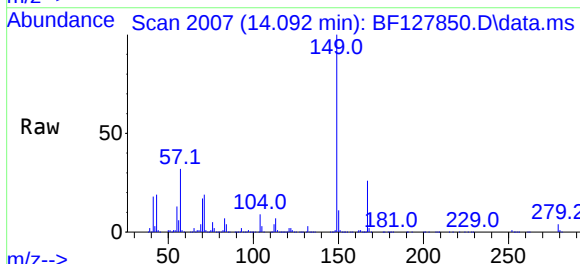
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

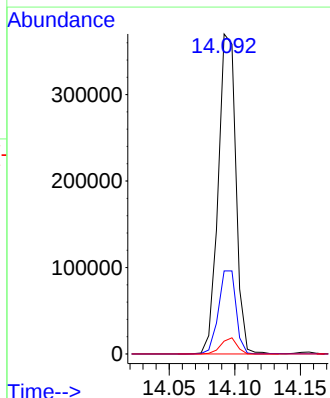
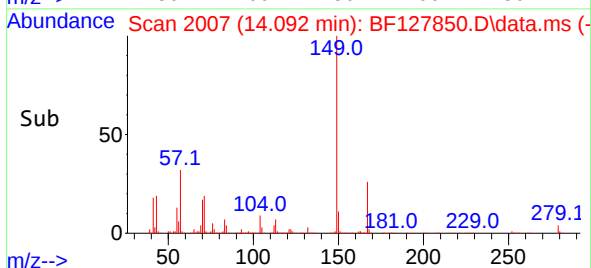
04/20/2022

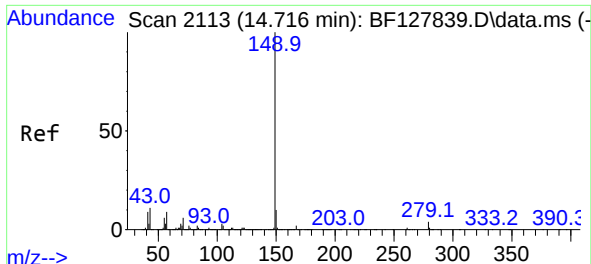


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.567 ng  
RT: 14.092 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



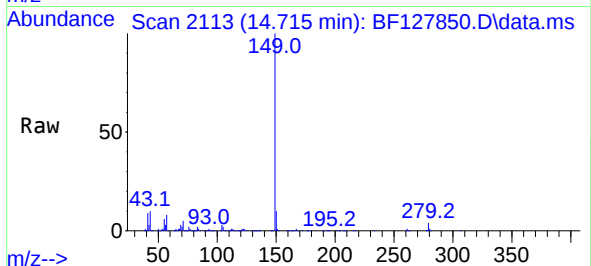
Tgt Ion:149 Resp: 345660  
Ion Ratio Lower Upper  
149 100  
167 25.9 22.9 34.3  
279 4.0 3.2 4.8





#85  
Di-n-octyl phthalate  
Concen: 46.558 ng  
RT: 14.715 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



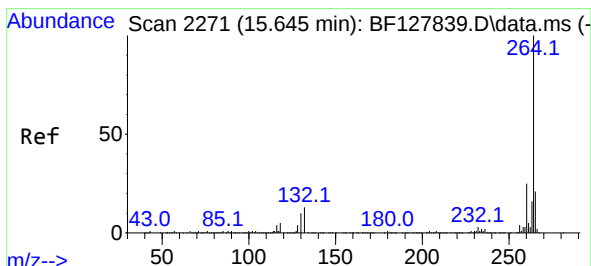
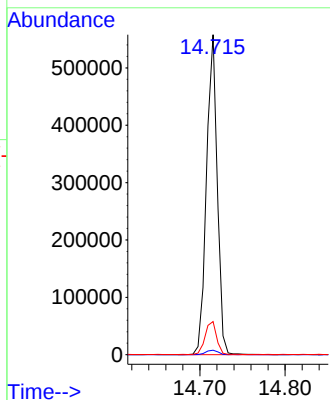
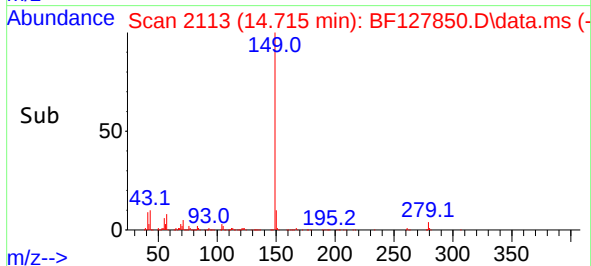
Tgt Ion:149 Resp: 48902  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.0 11.0 16.6

Manual Integrations  
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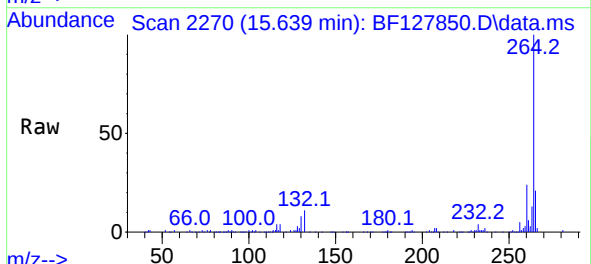
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

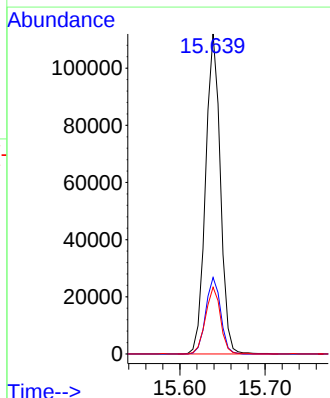
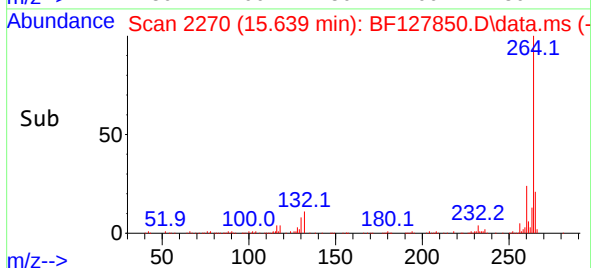
04/20/2022

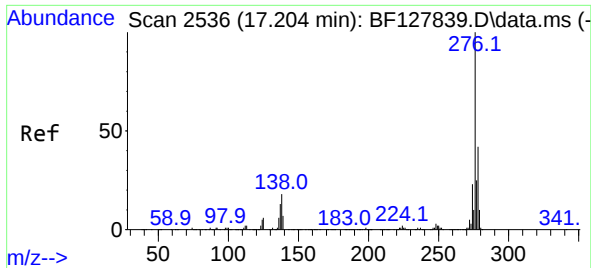


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.639 min Scan# 2270  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



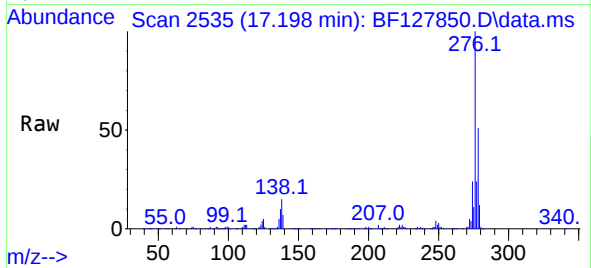
Tgt Ion:264 Resp: 134646  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.1 28.7  
265 20.9 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.724 ng  
RT: 17.198 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



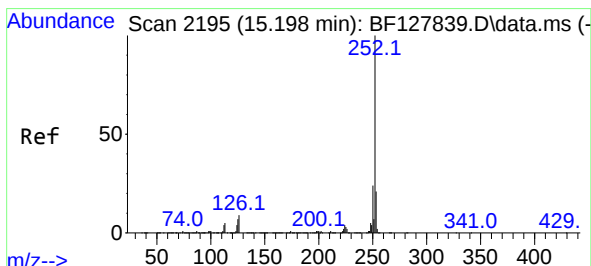
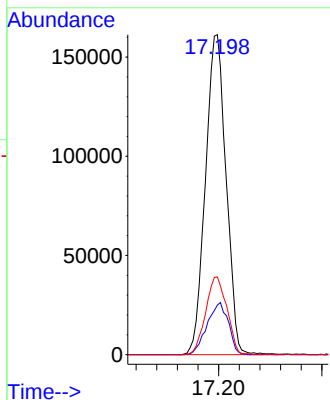
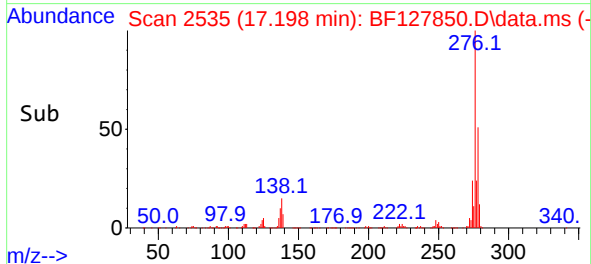
Tgt Ion:276 Resp: 447492  
Ion Ratio Lower Upper  
276 100  
138 16.8 17.1 25.7  
277 25.0 19.9 29.9

Manual Integrations  
APPROVED

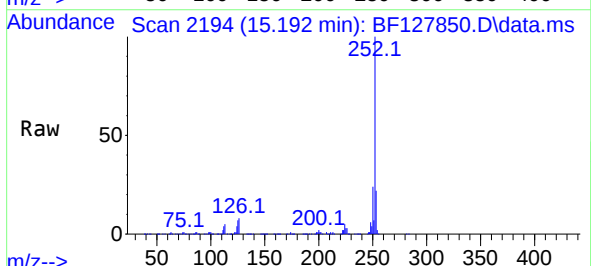
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

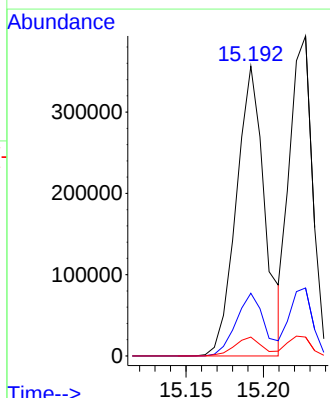
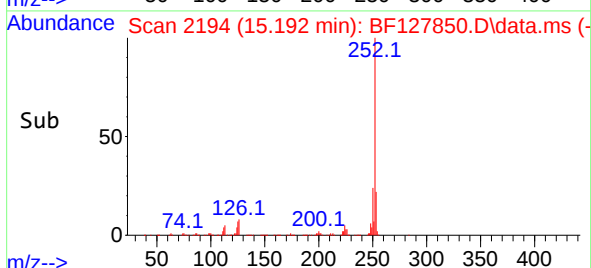
04/20/2022

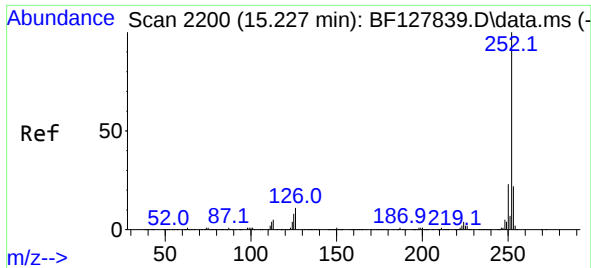


#88  
Benzo(b)fluoranthene  
Concen: 51.573 ng  
RT: 15.192 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



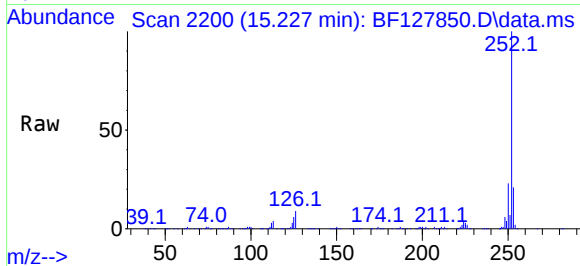
Tgt Ion:252 Resp: 455582  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 6.5 7.0 10.4





#89  
Benzo(k)fluoranthene  
Concen: 47.294 ng  
RT: 15.227 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



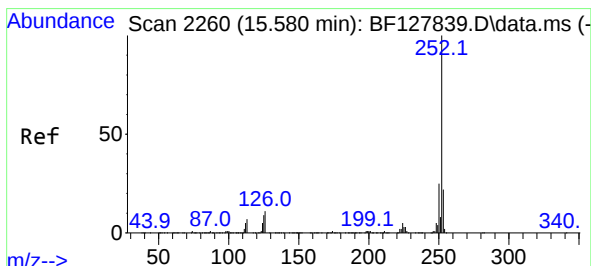
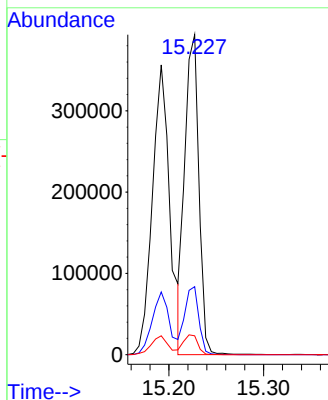
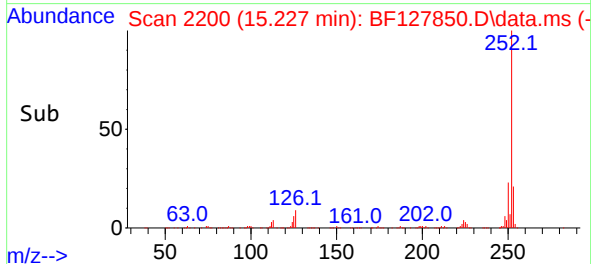
Tgt Ion:252 Resp: 405439  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.3 25.9  
125 5.9 6.9 10.3

Manual Integrations  
APPROVED

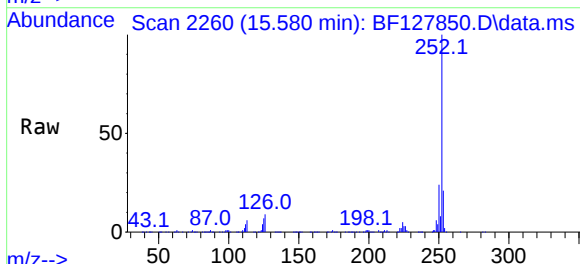
Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

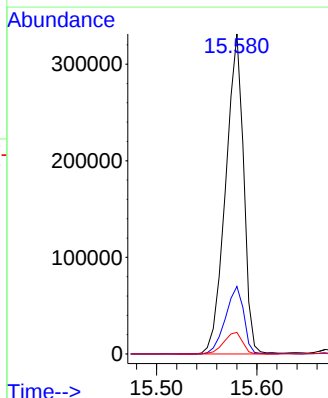
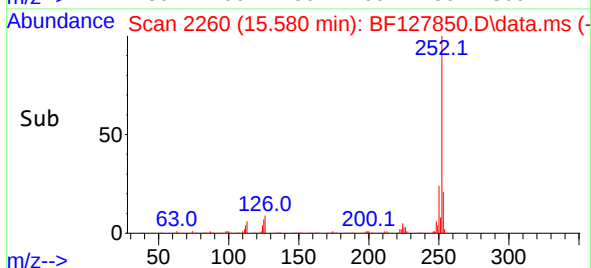
04/20/2022

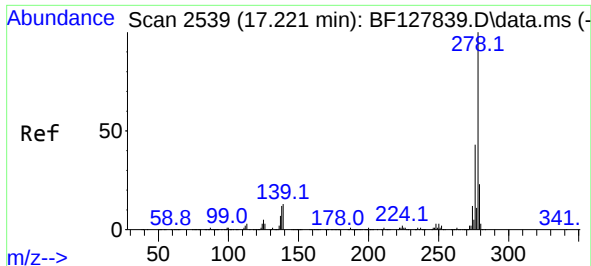


#90  
Benzo(a)pyrene  
Concen: 57.654 ng  
RT: 15.580 min Scan# 2260  
Delta R.T. -0.000 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40



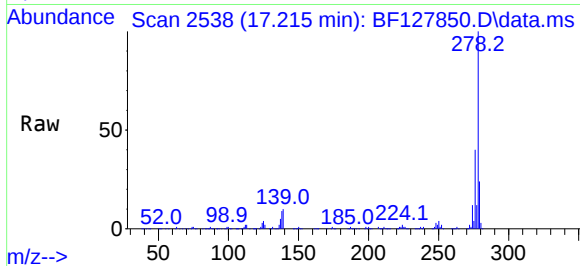
Tgt Ion:252 Resp: 410840  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.0 25.6  
125 6.7 6.7 10.1





#91  
Dibenzo(a,h)anthracene  
Concen: 54.468 ng  
RT: 17.215 min Scan# 2539  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



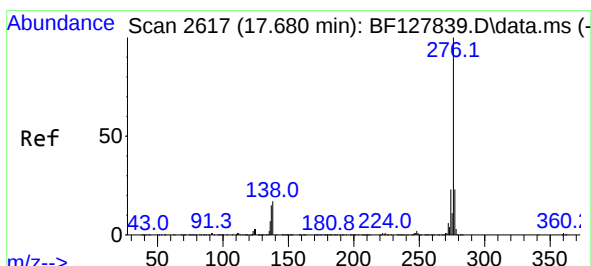
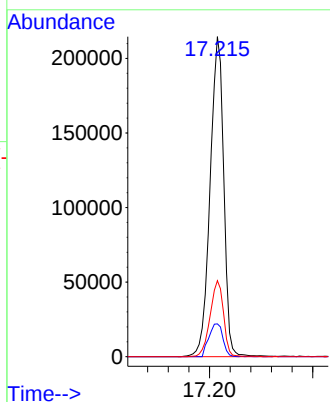
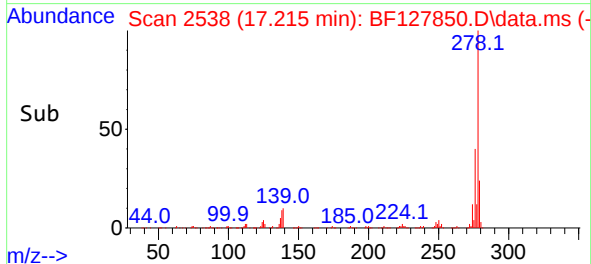
Tgt Ion:278 Resp: 39263  
Ion Ratio Lower Upper  
278 100  
139 10.2 10.8 16.2  
279 23.7 17.7 26.5

Manual Integrations  
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Reviewed By :Christian  
Giraldo

04/20/2022  
Supervised By :Jagrut  
Upadhyay

04/20/2022



#92  
Benzo(g,h,i)perylene  
Concen: 52.020 ng  
RT: 17.674 min Scan# 2616  
Delta R.T. -0.006 min  
Lab File: BF127850.D  
Acq: 19 Apr 2022 19:40

Tgt Ion:276 Resp: 380827  
Ion Ratio Lower Upper  
276 100  
277 22.7 19.0 28.4  
138 14.2 14.6 22.0

