

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051521\  
 Data File : BF123937.D  
 Acq On : 15 May 2021 10:48  
 Operator : JU/CG  
 Sample : PB136395BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB136395BS

Manual Integrations  
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mohammad  
 5/17/2021 11:22:54 AM

Quant Time: May 16 05:17:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 19:05:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 50088    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.186  | 136  | 192638   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.945  | 164  | 103574   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 190793   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 131626   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.557 | 264  | 101765   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 423384   | 118.68 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.528  | 99   | 518904   | 112.13 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 371280   | 83.04  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 164080   | 131.89 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 672014   | 79.84  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 725882   | 83.52  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.834  | 88   | 54926    | 35.06  | ng    | 93       |
| 3) Pyridine                   | 3.563  | 79   | 143360   | 35.45  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.528  | 42   | 109767   | 41.79  | ng    | 95       |
| 6) Aniline                    | 6.563  | 93   | 184410   | 35.10  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.687  | 128  | 149235   | 40.20  | ng    | 95       |
| 9) Benzaldehyde               | 6.451  | 77   | 119317   | 59.58  | ng    | 92       |
| 10) Phenol                    | 6.540  | 94   | 200837   | 42.94  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.640  | 93   | 153720   | 42.29  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 179432m  | 41.49  | ng    |          |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 176949   | 39.99  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 173964   | 42.07  | ng    | 95       |
| 15) Benzyl Alcohol            | 7.040  | 79   | 162013   | 40.53  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 303200   | 41.43  | ng    | 98       |
| 17) 2-Methylphenol            | 7.145  | 107  | 126513   | 42.02  | ng    | 94       |
| 18) Hexachloroethane          | 7.416  | 117  | 67193    | 40.97  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 128518   | 41.10  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 166401   | 41.96  | ng    | 88       |
| 22) Acetophenone              | 7.316  | 105  | 222928   | 40.75  | ng    | # 93     |
| 24) Nitrobenzene              | 7.487  | 77   | 182433   | 39.91  | ng    | 99       |
| 25) Isophorone                | 7.728  | 82   | 325615   | 37.86  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.798  | 139  | 76890    | 44.71  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.834  | 122  | 145295   | 44.12  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 184793   | 42.73  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 131544   | 39.47  | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 146178   | 39.01  | ng    | 96       |
| 31) Naphthalene               | 8.210  | 128  | 440743   | 38.66  | ng    | 98       |
| 32) Benzoic acid              | 7.951  | 122  | 92498    | 51.18  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 82144    | 18.93  | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.328  | 225  | 93721    | 38.20  | ng    | 96       |
| 35) Caprolactam               | 8.622  | 113  | 39262m   | 43.26  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 146818   | 40.28  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 302243   | 39.11  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 279397   | 38.75  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 147262   | 39.42  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.057  | 237  | 235419   | 99.08  | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 101248   | 41.77  | ng    | 97       |

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 QLast Update : Fri May 14 19:05:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 102337   | 40.64 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 379561   | 41.61 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.392  | 162  | 282002   | 38.92 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.481  | 65   | 108298   | 44.26 | ng    | 95       |
| 49) Acenaphthylene            | 9.810  | 152  | 433177   | 40.46 | ng    | 98       |
| 50) Dimethylphthalate         | 9.669  | 163  | 345491   | 41.77 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 73246    | 43.79 | ng    | 93       |
| 52) Acenaphthene              | 9.980  | 154  | 321252   | 43.84 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.892  | 138  | 45258    | 27.23 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 76704    | 84.83 | ng    | 91       |
| 55) Dibenzofuran              | 10.151 | 168  | 408850   | 38.85 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 129209   | 93.98 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.128 | 165  | 99802    | 48.65 | ng    | # 96     |
| 58) Fluorene                  | 10.492 | 166  | 319096   | 40.23 | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 88193m   | 42.59 | ng    |          |
| 60) Diethylphthalate          | 10.369 | 149  | 340285   | 41.54 | ng    | 94       |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 160132   | 40.29 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 73908    | 44.71 | ng    | 92       |
| 63) Azobenzene                | 10.645 | 77   | 363089   | 39.86 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 46028    | 38.64 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.604 | 169  | 283862   | 38.94 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.975 | 248  | 100893   | 40.24 | ng    | 94       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 113513   | 40.55 | ng    | 98       |
| 69) Atrazine                  | 11.127 | 200  | 99406    | 48.28 | ng    | 99       |
| 70) Pentachlorophenol         | 11.233 | 266  | 139445   | 84.03 | ng    | 98       |
| 71) Phenanthrene              | 11.457 | 178  | 474723   | 39.26 | ng    | 99       |
| 72) Anthracene                | 11.510 | 178  | 491128   | 40.08 | ng    | 98       |
| 73) Carbazole                 | 11.657 | 167  | 408504   | 38.11 | ng    | 96       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 532622   | 39.70 | ng    | 99       |
| 75) Fluoranthene              | 12.645 | 202  | 494149   | 39.47 | ng    | 97       |
| 77) Benzidine                 | 12.763 | 184  | 230330   | 72.52 | ng    | # 94     |
| 78) Pyrene                    | 12.874 | 202  | 483050   | 41.34 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 200420   | 43.74 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.063 | 228  | 369696   | 38.84 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 65409    | 22.12 | ng    | 97       |
| 83) Chrysene                  | 14.098 | 228  | 343781   | 37.55 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 275105   | 42.54 | ng    | 94       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 394855   | 40.39 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.062 | 276  | 311741   | 39.67 | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 330813   | 42.02 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 279425   | 38.95 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 282552   | 41.52 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 262550   | 39.67 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 258318   | 38.92 | ng    | # 94     |

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

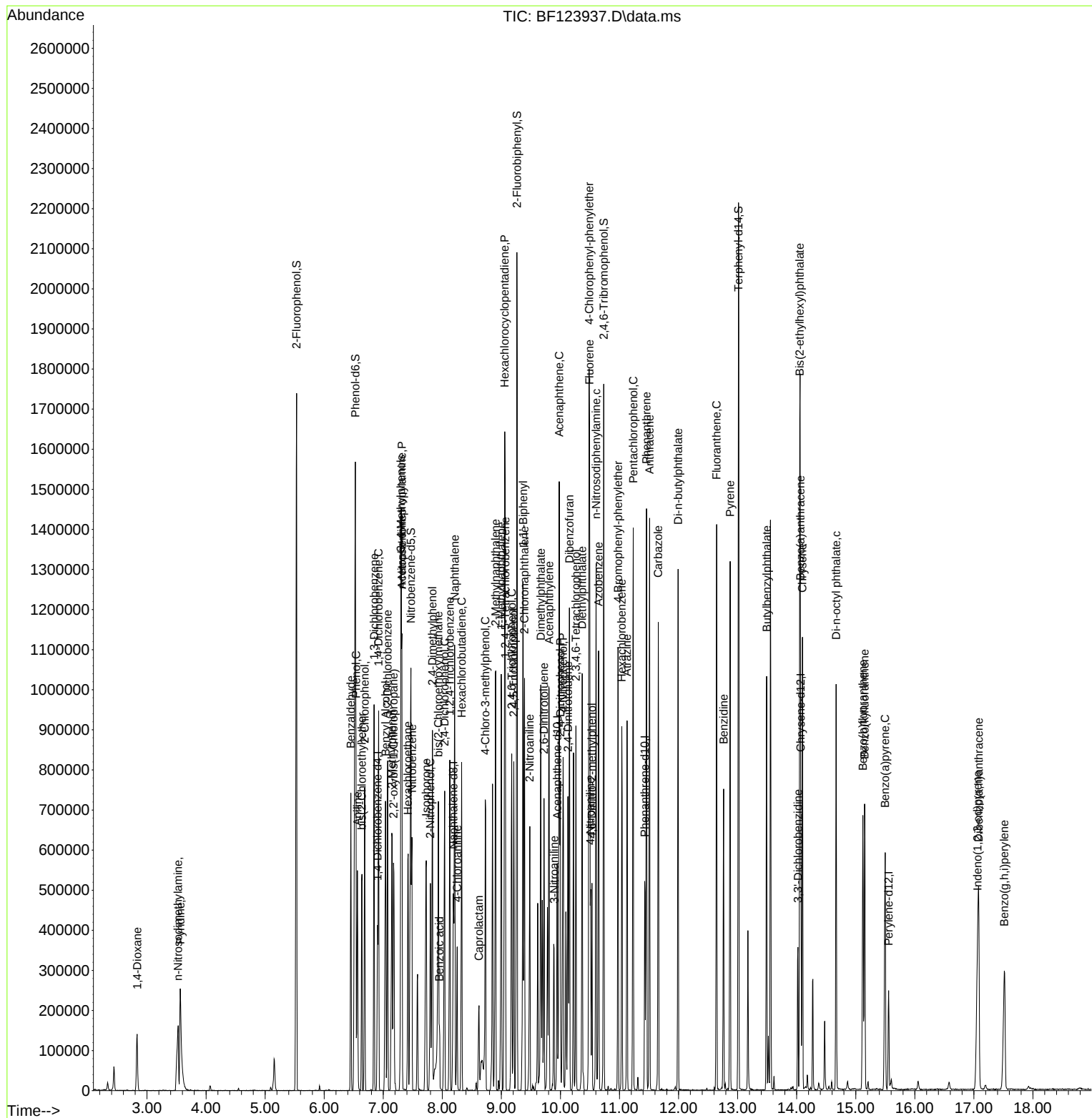
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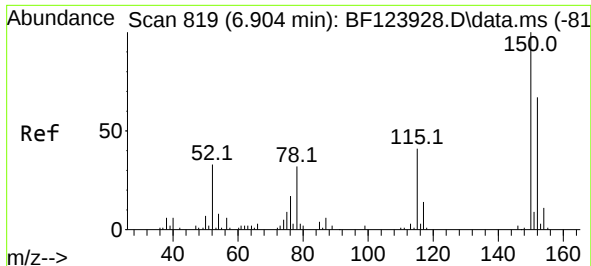
Instrument :  
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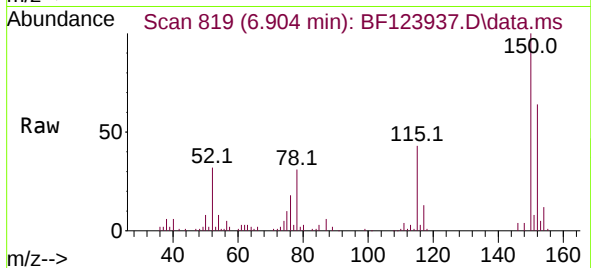
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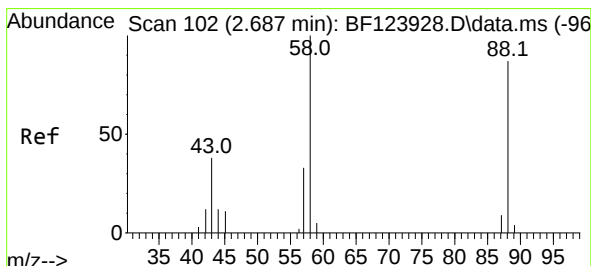
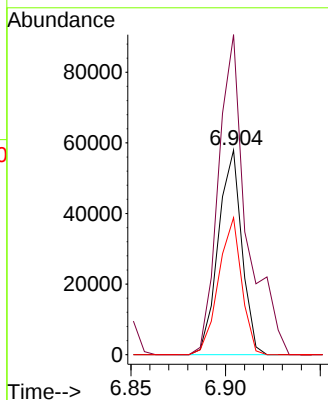
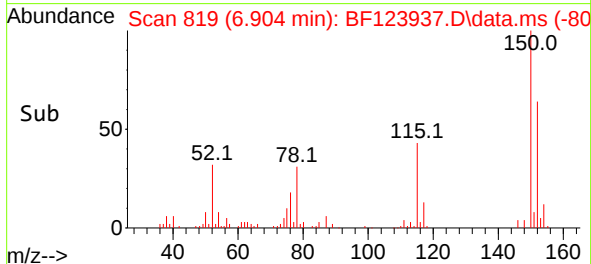




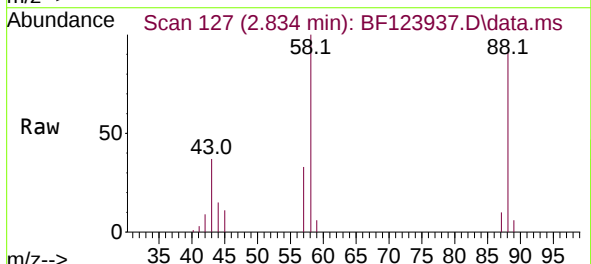
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.904 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



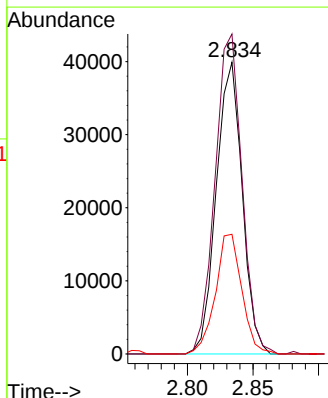
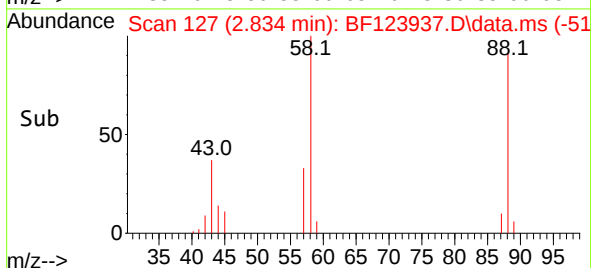
Tgt Ion:152 Resp: 50088  
Ion Ratio Lower Upper  
152 100  
150 156.5 127.0 190.6  
115 67.0 54.3 81.5



#2  
1,4-Dioxane  
Concen: 35.06 ng  
RT: 2.834 min Scan# 127  
Delta R.T. 0.147 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



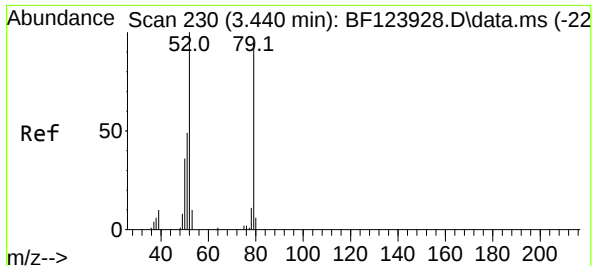
Tgt Ion: 88 Resp: 54926  
Ion Ratio Lower Upper  
88 100  
58 113.6 83.8 125.8  
43 41.8 32.2 48.4



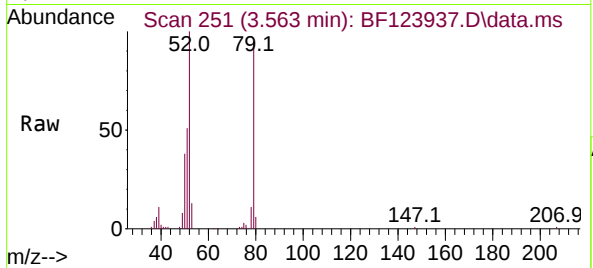
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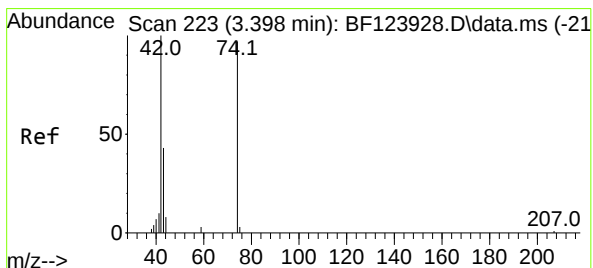
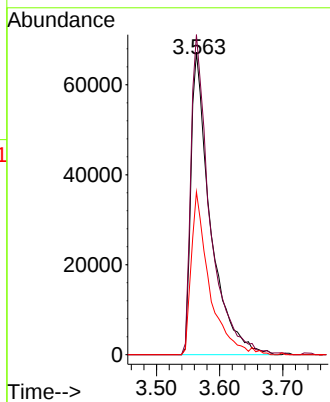
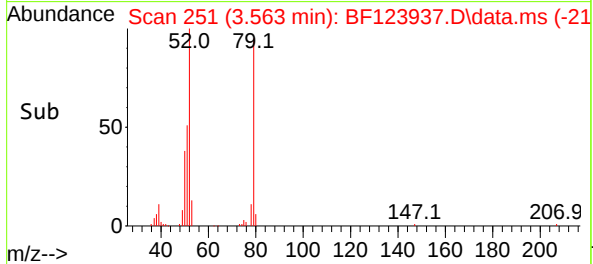
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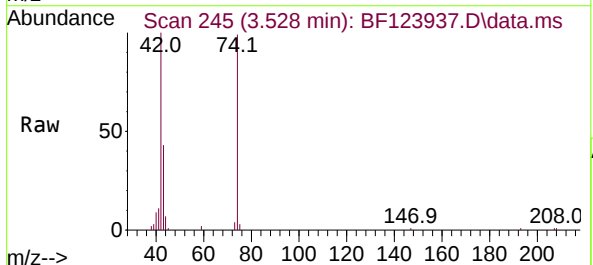
#3  
Pyridine  
Concen: 35.45 ng  
RT: 3.563 min Scan# 251  
Delta R.T. 0.124 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



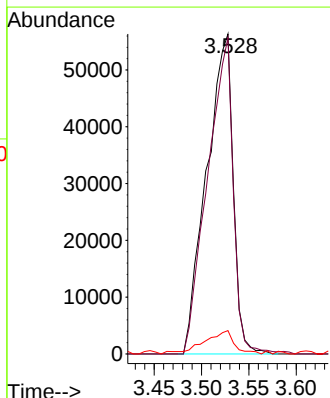
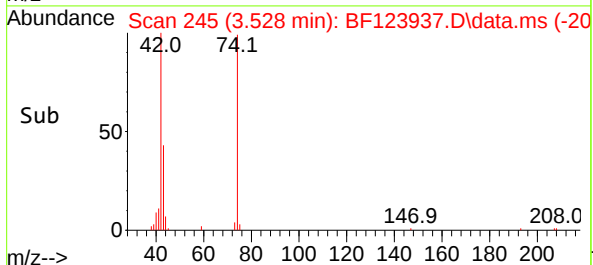
Tgt Ion: 79 Resp: 143360  
Ion Ratio Lower Upper  
79 100  
52 105.8 87.4 131.0  
51 53.8 41.4 62.0



#4  
n-Nitrosodimethylamine  
Concen: 41.79 ng  
RT: 3.528 min Scan# 245  
Delta R.T. 0.129 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



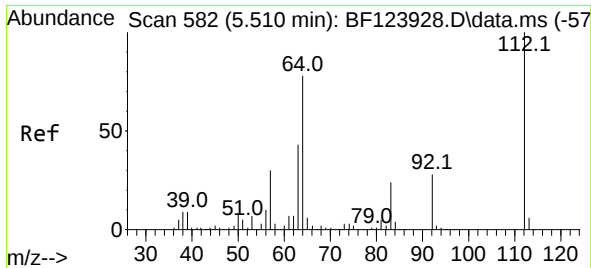
Tgt Ion: 42 Resp: 109767  
Ion Ratio Lower Upper  
42 100  
74 98.8 83.5 125.3  
44 7.3 5.7 8.5



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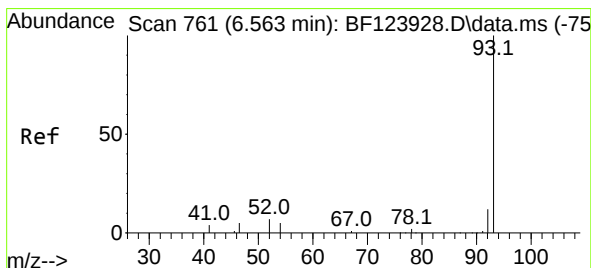
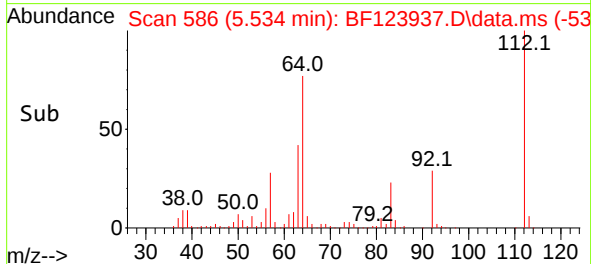
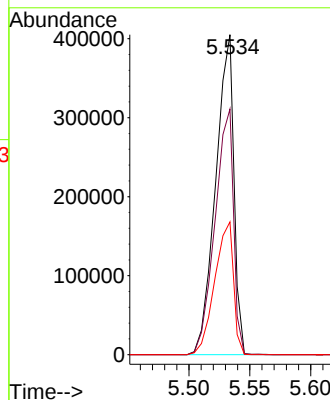
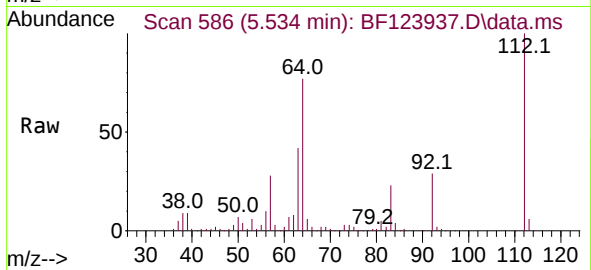
#5  
2-Fluorophenol  
Concen: 118.68 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.024 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion: 112 Resp: 423384  
Ion Ratio Lower Upper  
112 100  
64 76.7 61.4 92.0  
63 41.5 33.0 49.4

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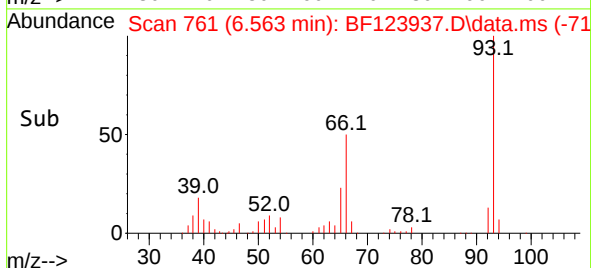
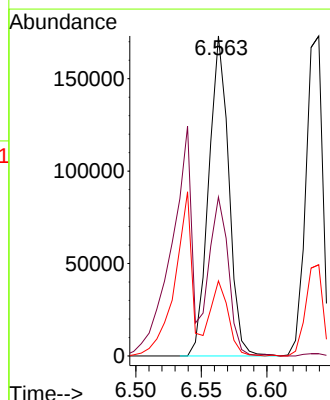
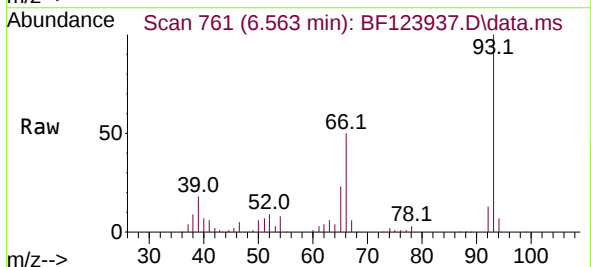
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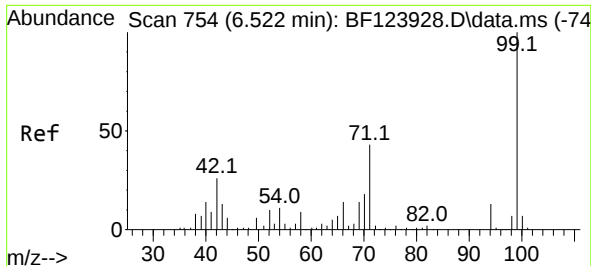
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#6  
Aniline  
Concen: 35.10 ng  
RT: 6.563 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion: 93 Resp: 184410  
Ion Ratio Lower Upper  
93 100  
66 49.7 36.4 54.6  
65 23.4 19.4 29.0





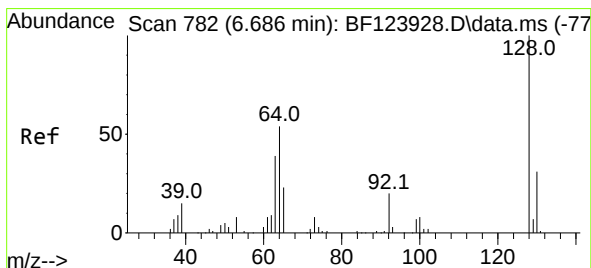
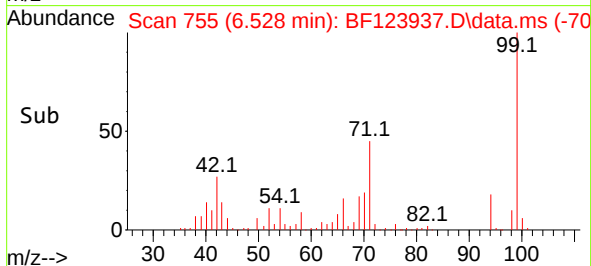
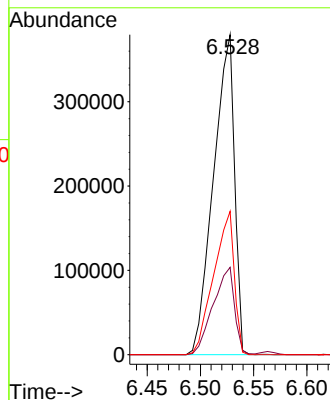
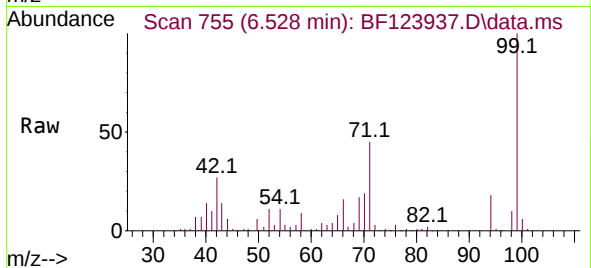
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Phenol-d6  
Concen: 112.13 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion: 99 Resp: 518904  
Ion Ratio Lower Upper  
99 100  
42 27.3 19.8 29.8  
71 44.8 31.1 46.7

Instrument :  
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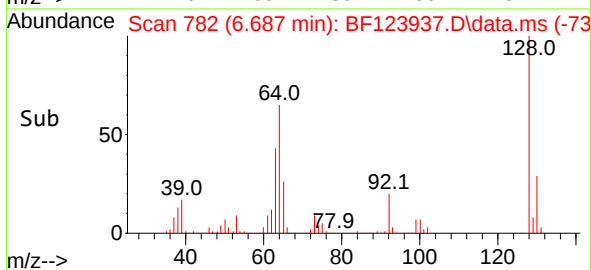
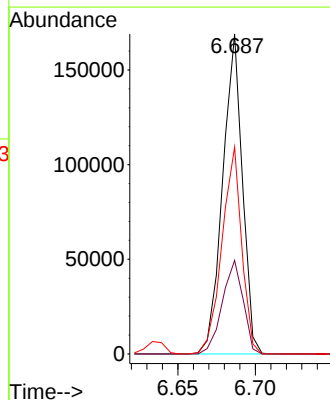
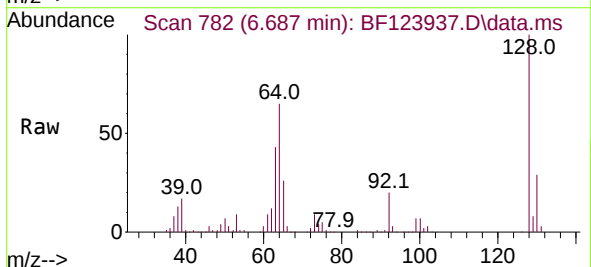
Manual Integrations  
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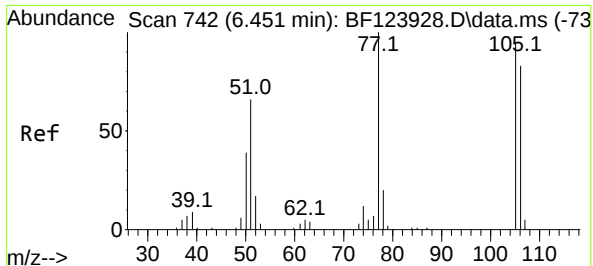
mohammad  
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#8  
2-Chlorophenol  
Concen: 40.20 ng  
RT: 6.687 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

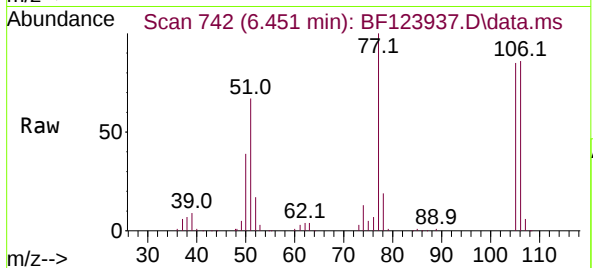
Tgt Ion:128 Resp: 149235  
Ion Ratio Lower Upper  
128 100  
130 29.3 12.6 52.6  
64 64.7 41.5 81.5





#9  
Benzaldehyde  
Concen: 59.58 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

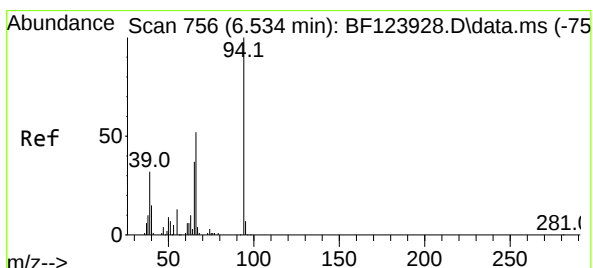
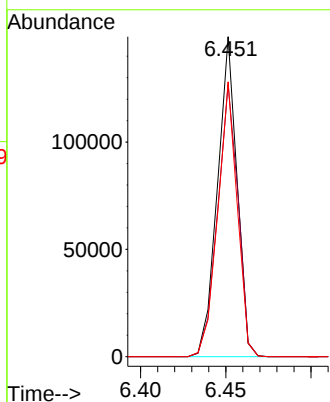
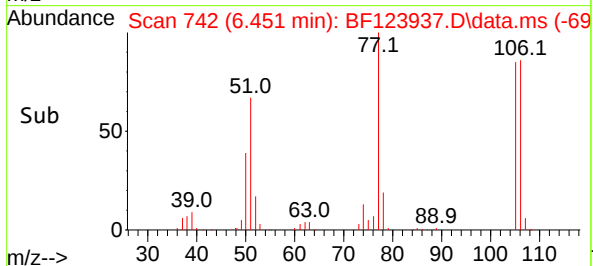
Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS



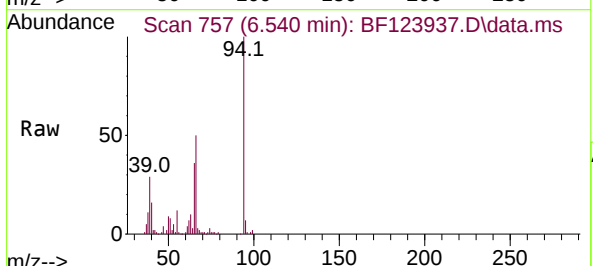
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 119317 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 85.0  | 75.2  | 115.2  |
| 106       | 85.9  | 71.6  | 111.6  |

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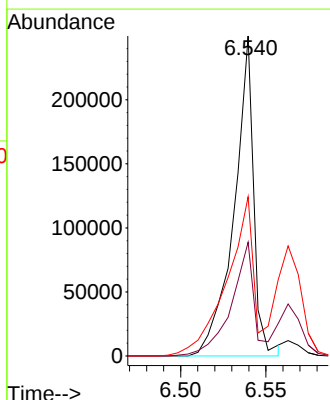
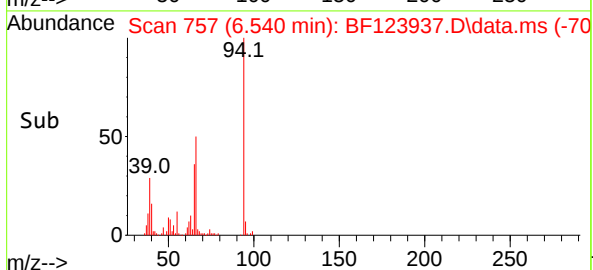
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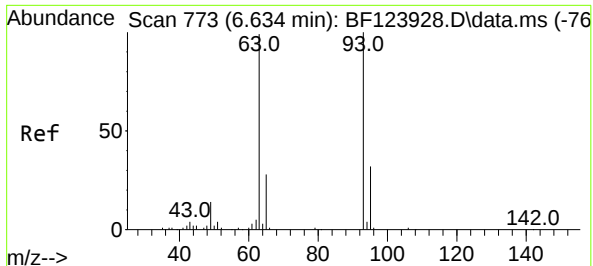


#10  
Phenol  
Concen: 42.94 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

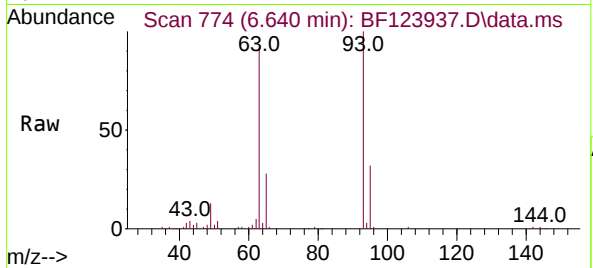


|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 200837 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 35.5  | 18.1  | 58.1   |
| 66        | 49.8  | 29.0  | 69.0   |

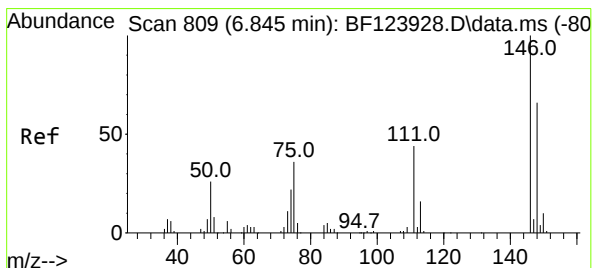
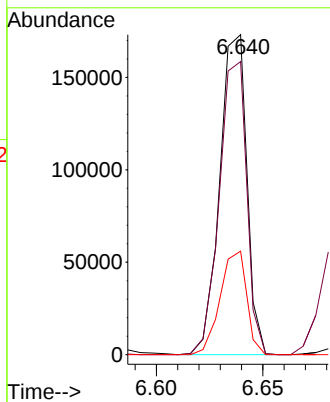
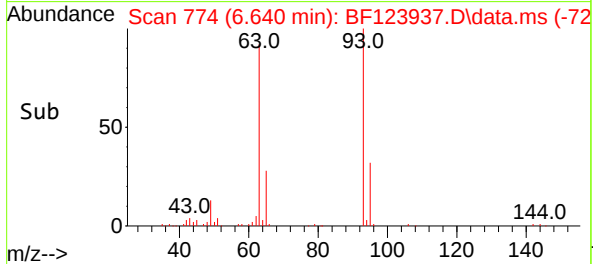




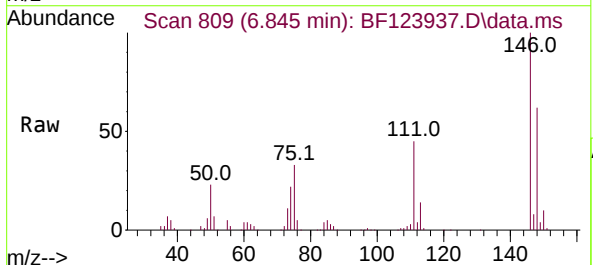
#11  
bis(2-Chloroethyl)ether  
Concen: 42.29 ng  
RT: 6.640 min Scan# 774  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



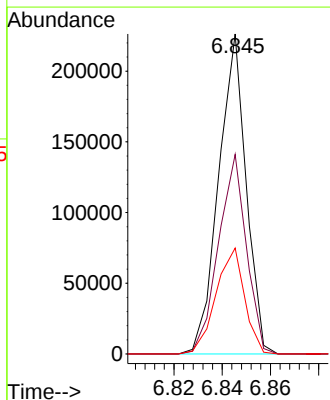
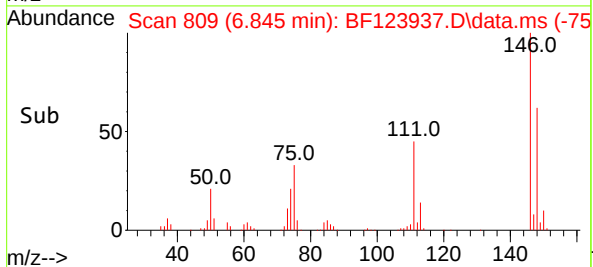
Tgt Ion: 93 Resp: 153720  
Ion Ratio Lower Upper  
93 100  
63 91.6 76.1 116.1  
95 32.4 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 41.49 ng m  
RT: 6.845 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



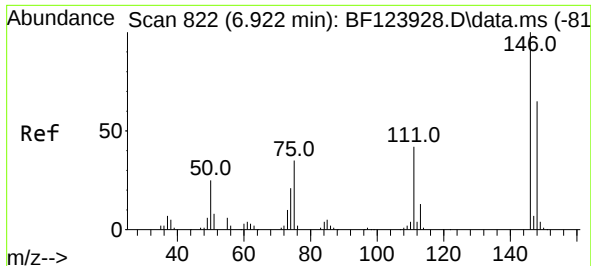
Tgt Ion: 146 Resp: 179432  
Ion Ratio Lower Upper  
146 100  
148 62.4 50.9 76.3  
75 33.1 34.2 51.4#



Instrument :  
BNA\_F  
ClientSampleId :  
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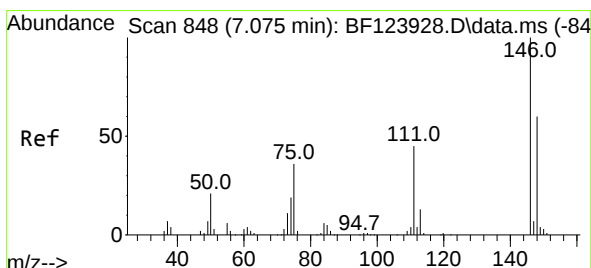
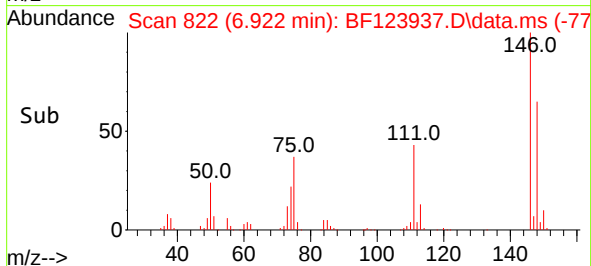
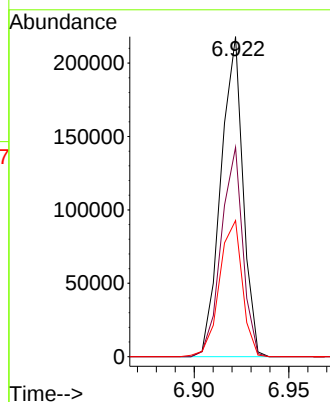
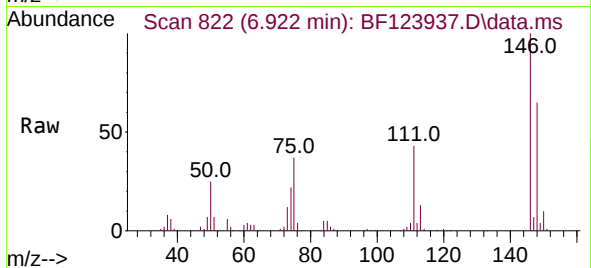
#13  
1,4-Dichlorobenzene  
Concen: 39.99 ng  
RT: 6.922 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:146 Resp: 176949  
Ion Ratio Lower Upper  
146 100  
148 65.4 49.9 74.9  
111 42.5 39.5 59.3

Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

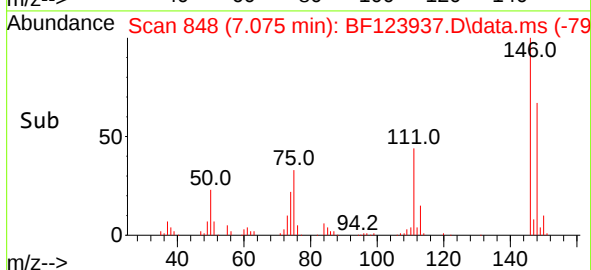
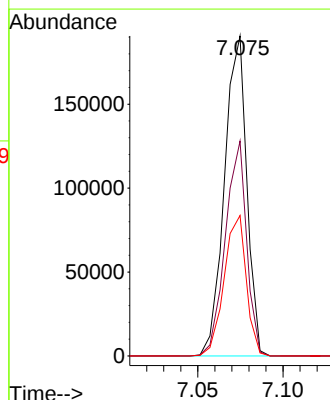
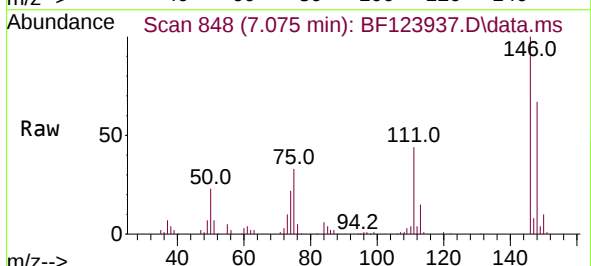
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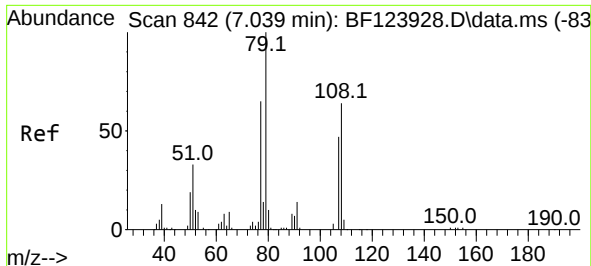
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#14  
1,2-Dichlorobenzene  
Concen: 42.07 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:146 Resp: 173964  
Ion Ratio Lower Upper  
146 100  
148 67.1 51.6 77.4  
111 43.9 38.4 57.6





#15

Benzyl Alcohol

Concen: 40.53 ng

RT: 7.040 min Scan# 842

Delta R.T. 0.000 min

Lab File: BF123937.D

Acq: 15 May 2021 10:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 162013 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 62.7  | 55.8  | 83.8   |
| 77       | 58.2  | 49.9  | 74.9   |

Instrument :

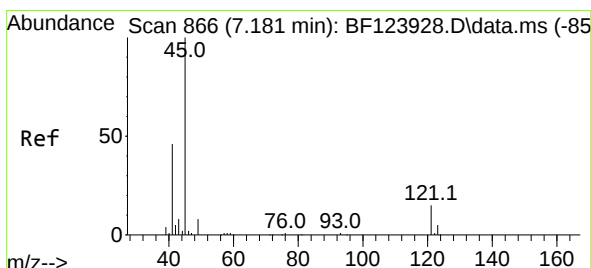
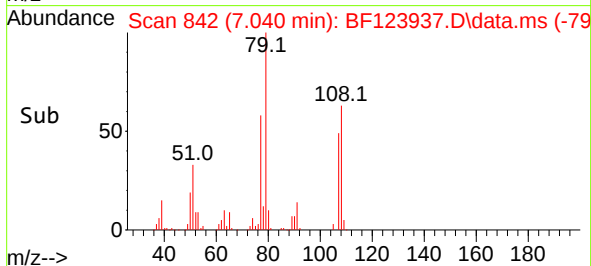
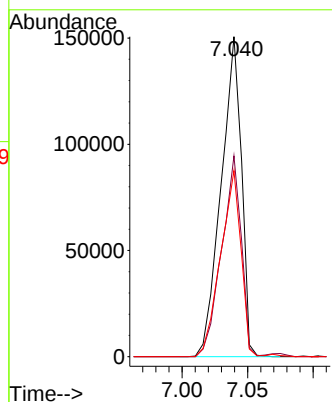
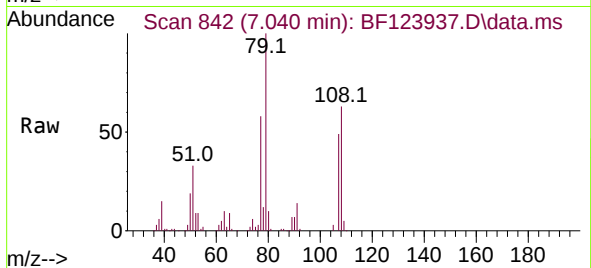
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ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.43 ng

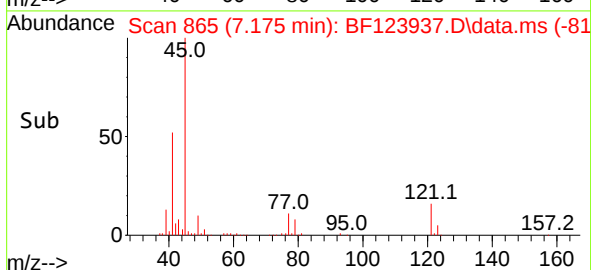
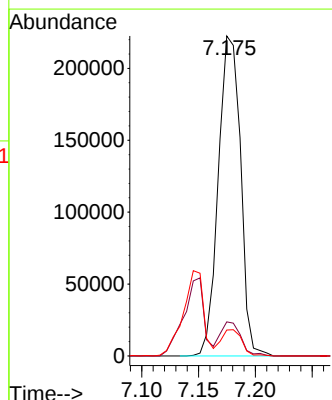
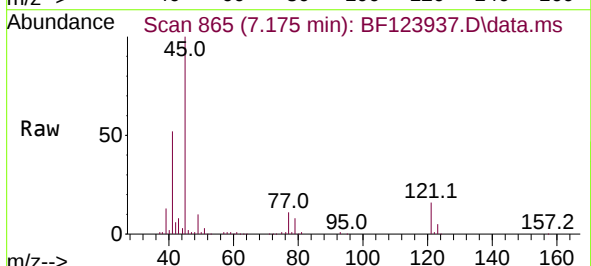
RT: 7.175 min Scan# 865

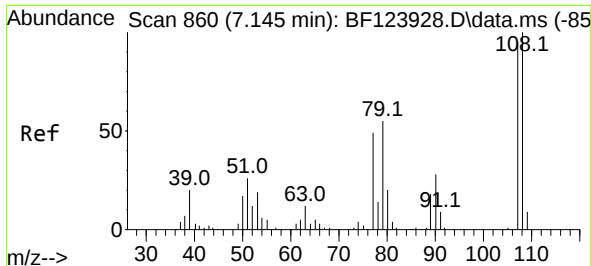
Delta R.T. -0.006 min

Lab File: BF123937.D

Acq: 15 May 2021 10:48

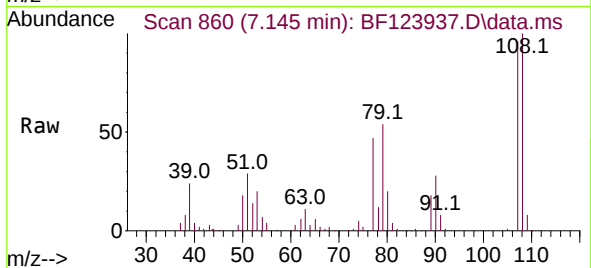
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 303200 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 10.7  | 0.0   | 30.0   |
| 79       | 8.1   | 0.0   | 27.3   |





#17  
2-Methylphenol  
Concen: 42.02 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

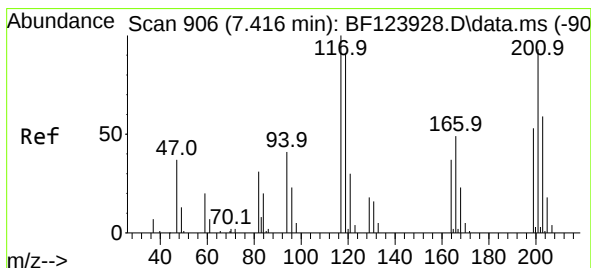
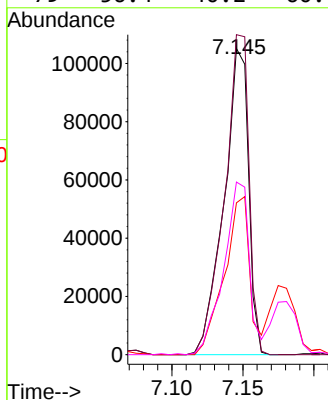
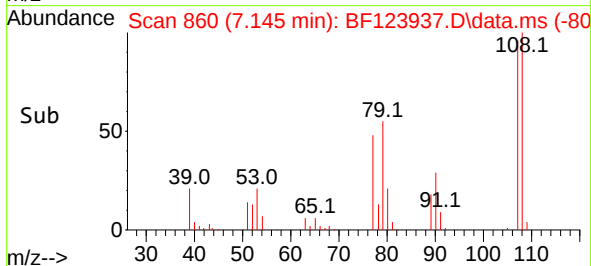
Instrument :  
BNA\_F  
ClientSampleId :  
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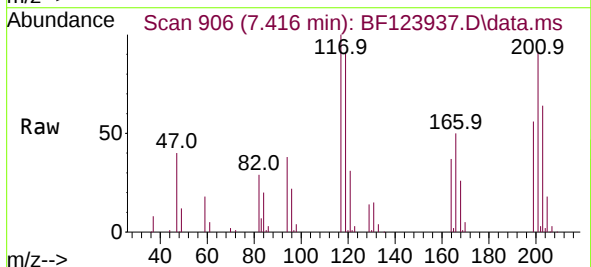
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 104.5 | 89.8  | 134.8 |
| 77      | 49.6  | 40.9  | 61.3  |
| 79      | 56.4  | 40.2  | 60.4  |

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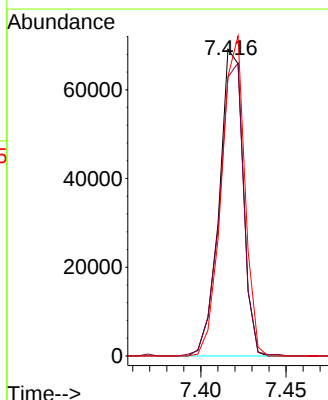
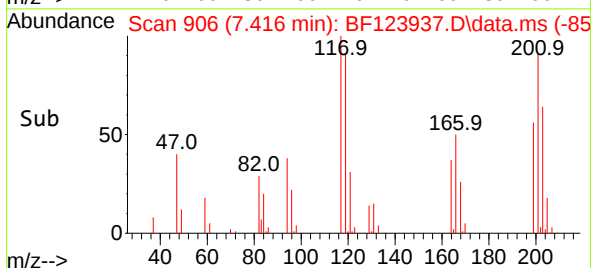
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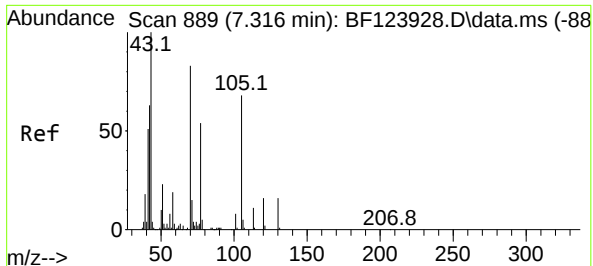


#18  
Hexachloroethane  
Concen: 40.97 ng  
RT: 7.416 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



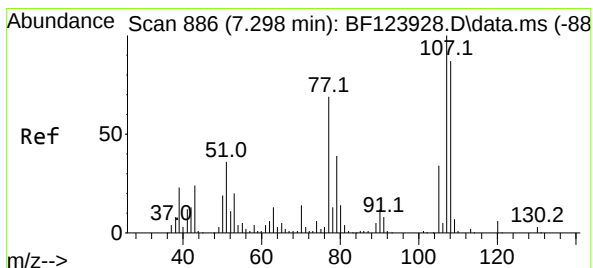
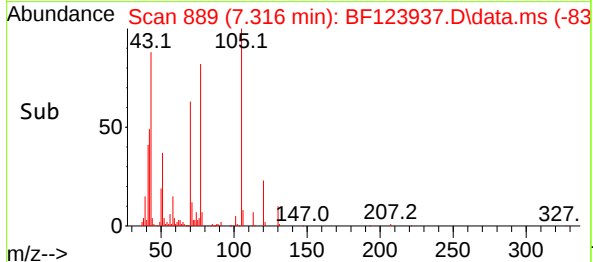
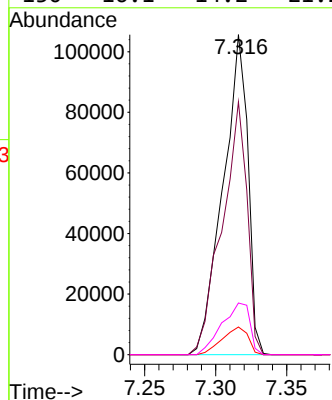
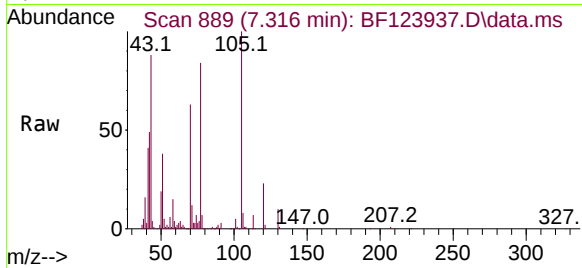
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.9  | 77.8  | 116.8 |
| 201     | 91.1  | 67.8  | 101.8 |





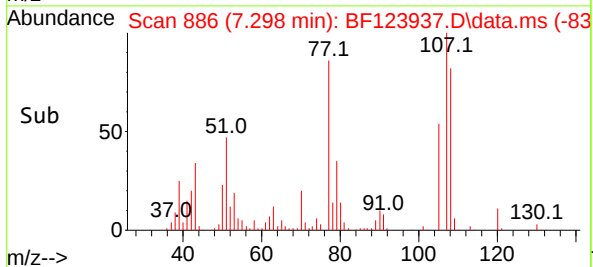
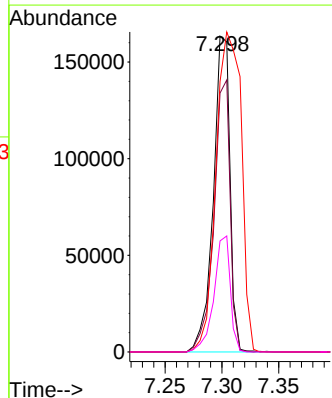
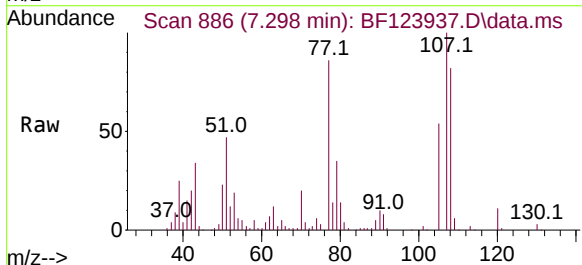
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.10 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 128518 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 79.0  | 60.1  | 90.1   |
| 101       | 8.6   | 7.4   | 11.2   |
| 130       | 16.1  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 41.96 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

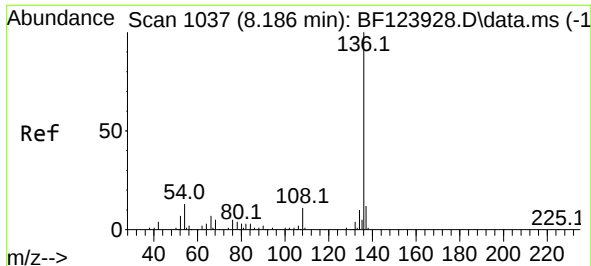
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 166401 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 81.9  | 71.5  | 111.5  |
| 77        | 85.6  | 82.0  | 122.0  |
| 79        | 35.2  | 14.1  | 54.1   |



Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS

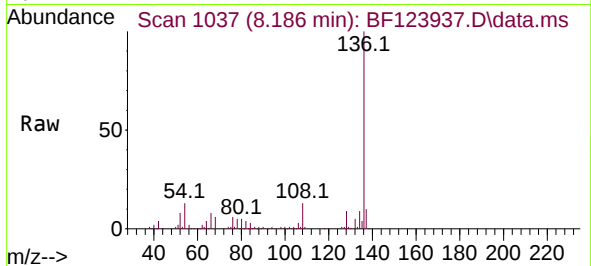
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.186 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

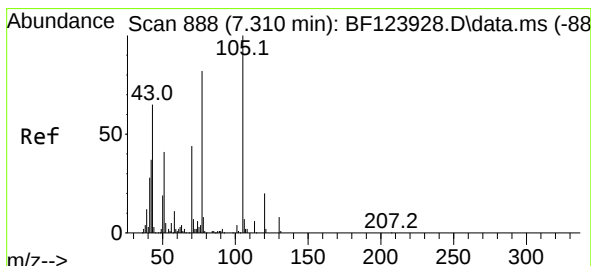
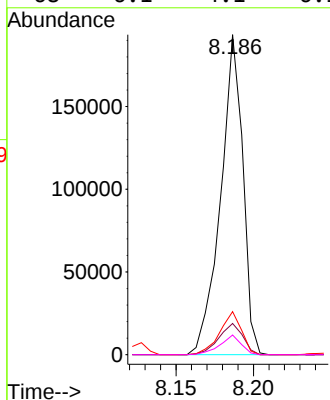
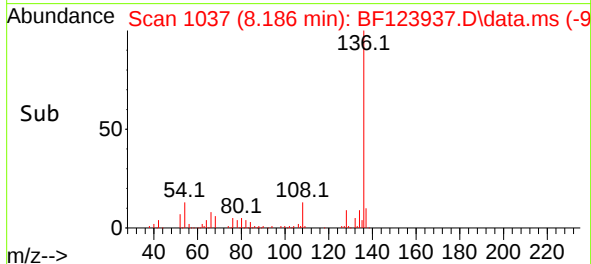
Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS



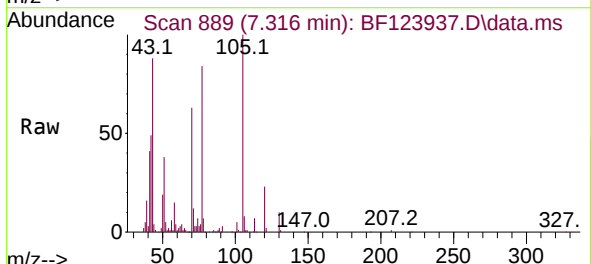
Tgt Ion:136 Resp: 192638  
Ion Ratio Lower Upper  
136 100  
137 9.7 8.7 13.1  
54 13.5 9.8 14.6  
68 6.1 4.1 6.1#

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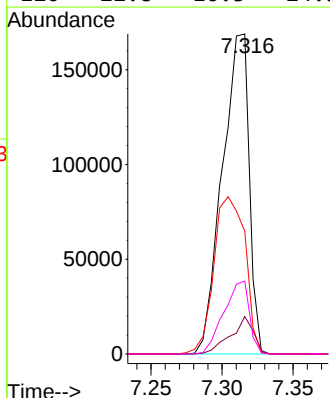
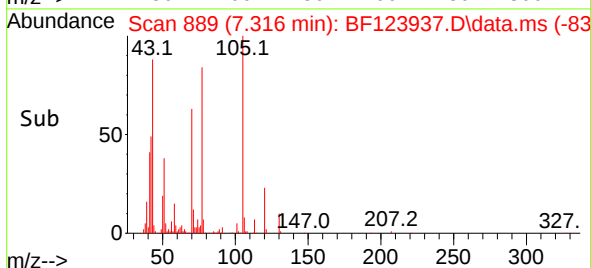
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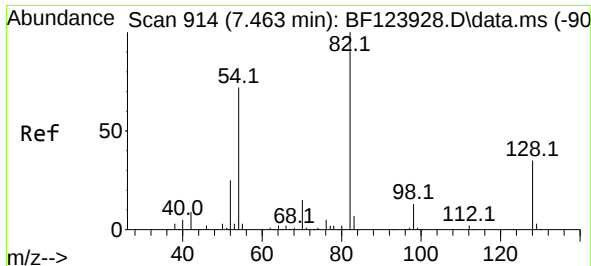


#22  
Acetophenone  
Concen: 40.75 ng  
RT: 7.316 min Scan# 889  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



Tgt Ion:105 Resp: 222928  
Ion Ratio Lower Upper  
105 100  
71 11.7 4.2 6.4#  
51 38.4 33.6 50.4  
120 22.8 16.3 24.5





#23

Nitrobenzene-d5

Concen: 83.04 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.006 min

Lab File: BF123937.D

Acq: 15 May 2021 10:48

Tgt Ion: 82 Resp: 371280

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.3  | 29.4  | 44.2  |
| 54  | 70.2  | 54.1  | 81.1  |

Instrument :

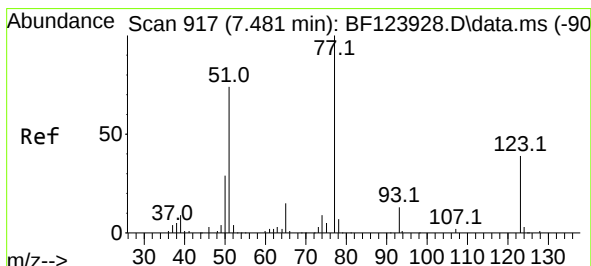
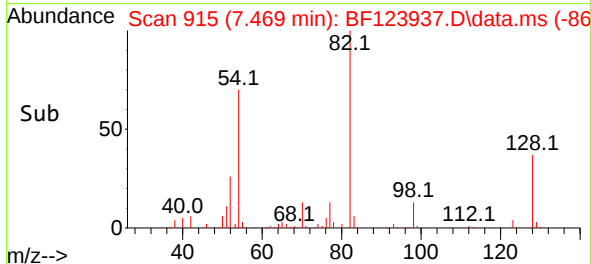
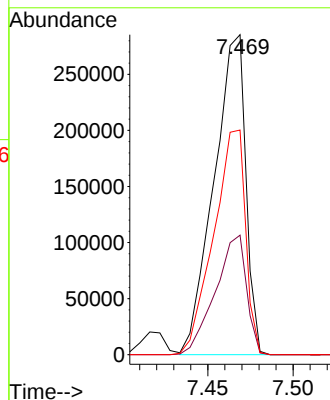
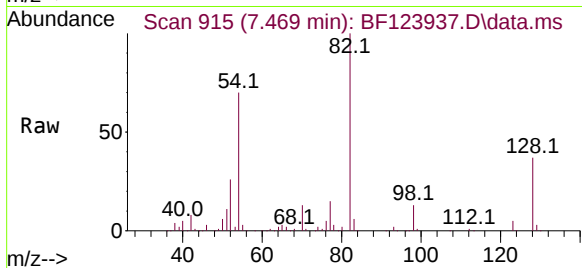
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ClientSampleId :

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#24

Nitrobenzene

Concen: 39.91 ng

RT: 7.487 min Scan# 918

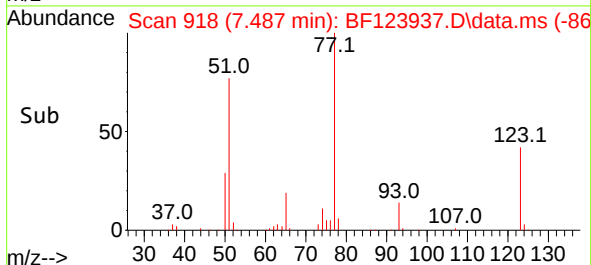
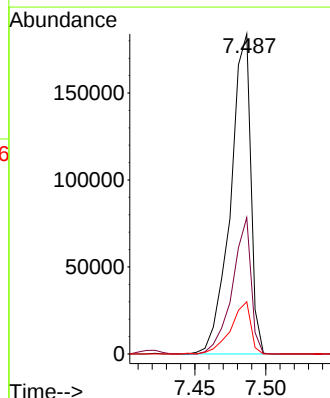
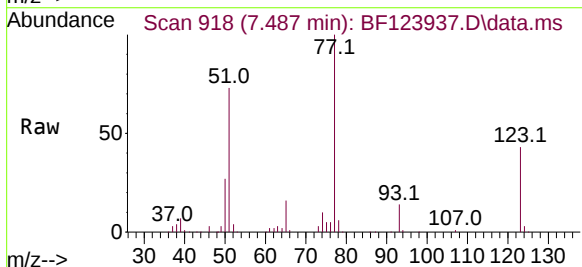
Delta R.T. 0.006 min

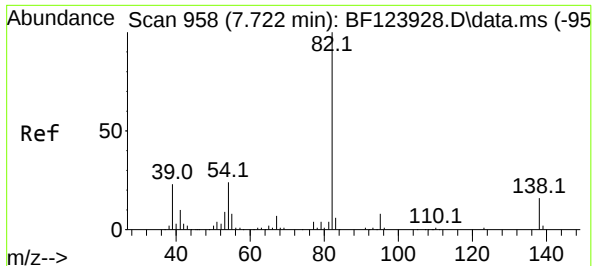
Lab File: BF123937.D

Acq: 15 May 2021 10:48

Tgt Ion: 77 Resp: 182433

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.6  | 34.5  | 51.7  |
| 65  | 16.3  | 12.2  | 18.2  |





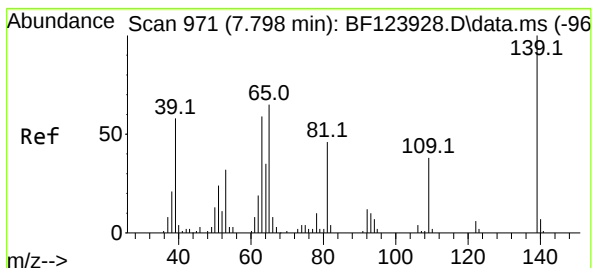
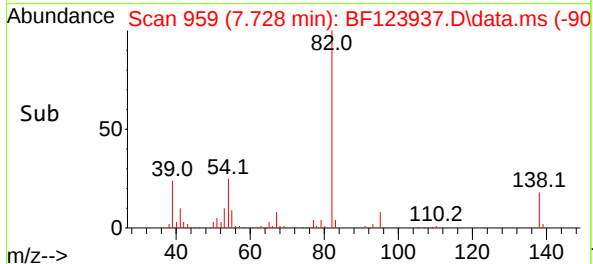
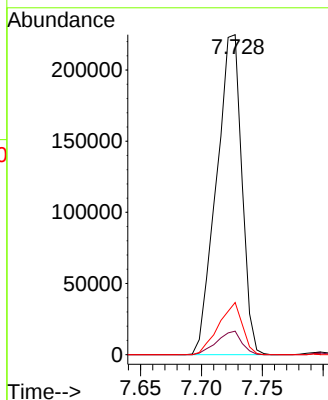
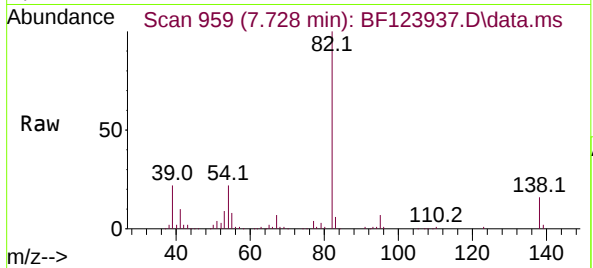
#25  
Isophorone  
Concen: 37.86 ng  
RT: 7.728 min Scan# 959  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

|             |                |
|-------------|----------------|
| Tgt Ion: 82 | Resp: 325615   |
| Ion Ratio   | Lower Upper    |
| 82          | 100            |
| 95          | 7.4 5.8 8.6    |
| 138         | 16.3 11.8 17.8 |

Instrument :  
BNA\_F  
ClientSampled :  
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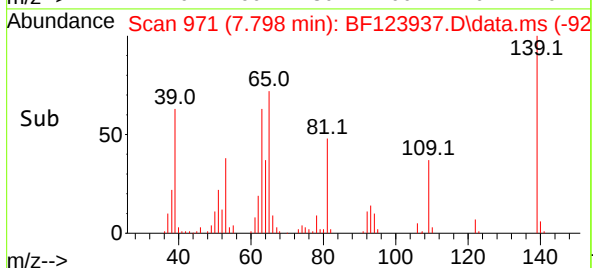
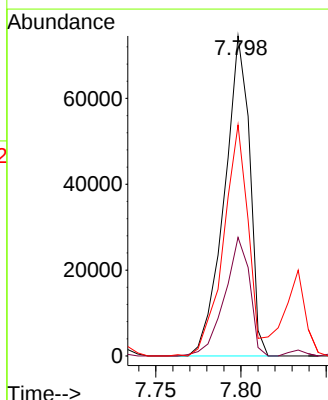
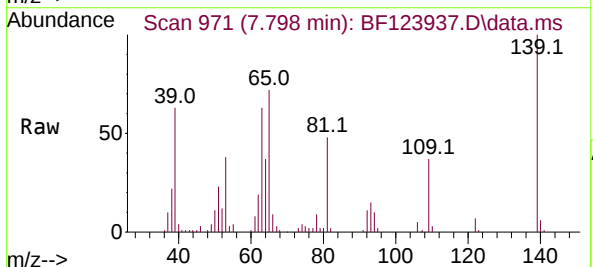
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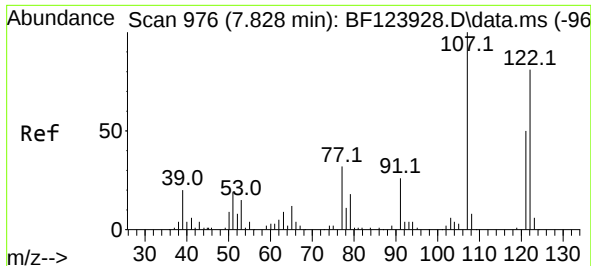
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#26  
2-Nitrophenol  
Concen: 44.71 ng  
RT: 7.798 min Scan# 971  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

|              |                |
|--------------|----------------|
| Tgt Ion: 139 | Resp: 76890    |
| Ion Ratio    | Lower Upper    |
| 139          | 100            |
| 109          | 37.0 28.6 43.0 |
| 65           | 72.2 56.8 85.2 |





#27

2,4-Dimethylphenol

Concen: 44.12 ng

RT: 7.834 min Scan# 977

Delta R.T. 0.006 min

Lab File: BF123937.D

Acq: 15 May 2021 10:48

Tgt Ion: 122 Resp: 145295

Ion Ratio Lower Upper

122 100

107 117.6 106.3 159.5

121 61.5 45.4 68.0

Instrument :

BNA\_F

ClientSampled :

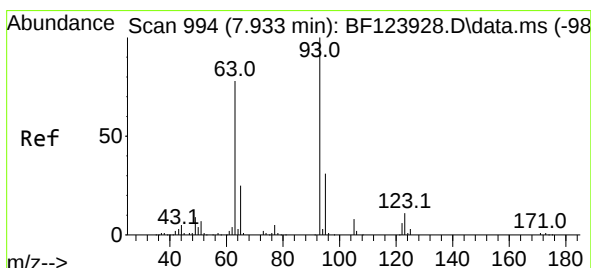
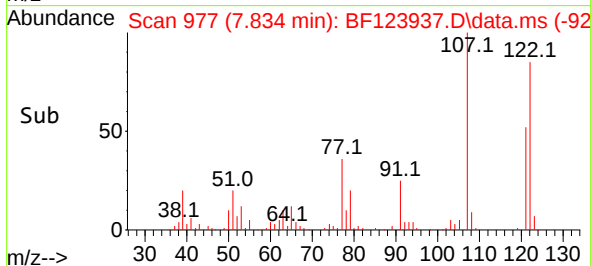
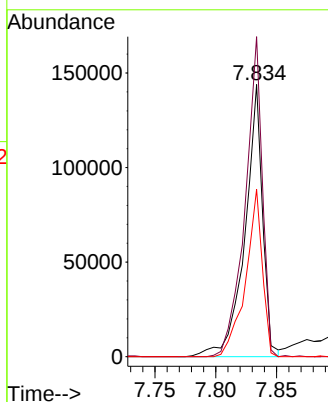
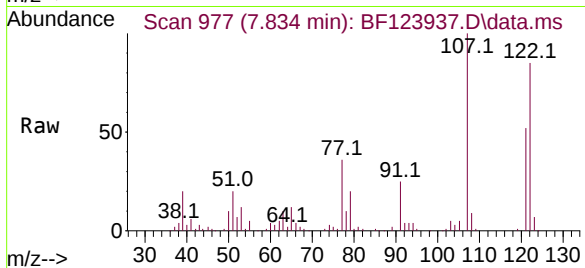
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#28

bis(2-Chloroethoxy)methane

Concen: 42.73 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF123937.D

Acq: 15 May 2021 10:48

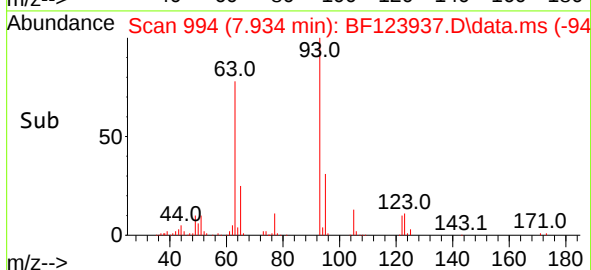
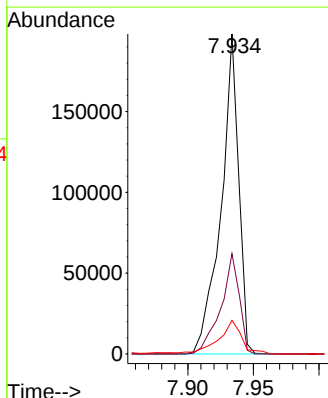
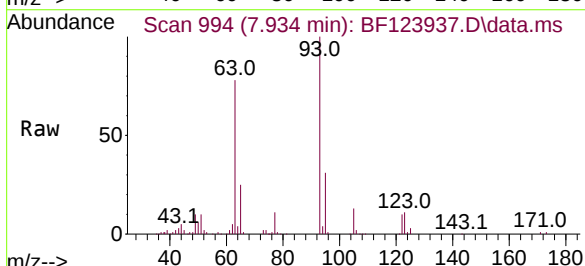
Tgt Ion: 93 Resp: 184793

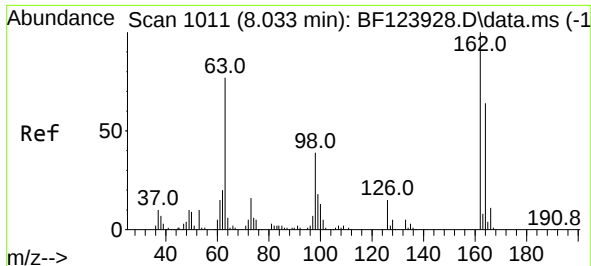
Ion Ratio Lower Upper

93 100

95 31.4 26.5 39.7

123 10.5 8.4 12.6





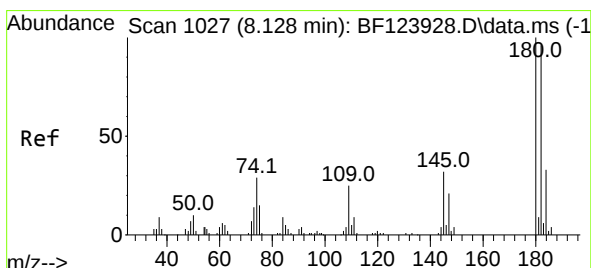
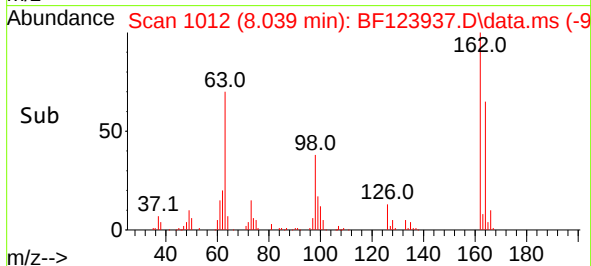
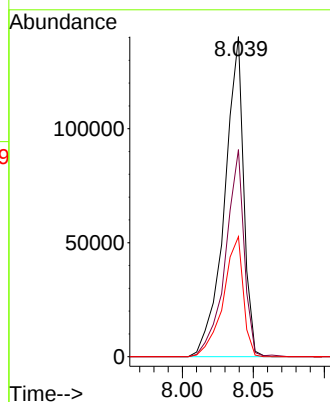
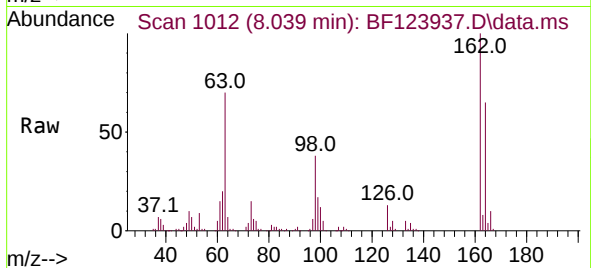
#29  
2,4-Dichlorophenol  
Concen: 39.47 ng  
RT: 8.039 min Scan# 1012  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:162 Resp: 131544  
Ion Ratio Lower Upper  
162 100  
164 64.7 44.1 84.1  
98 37.5 27.3 67.3

Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

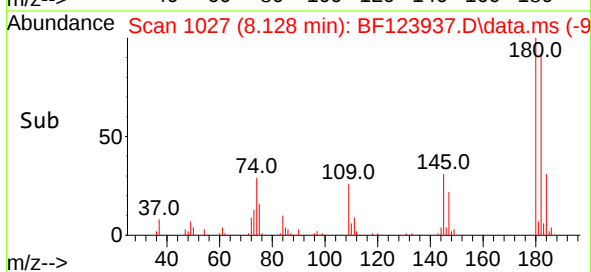
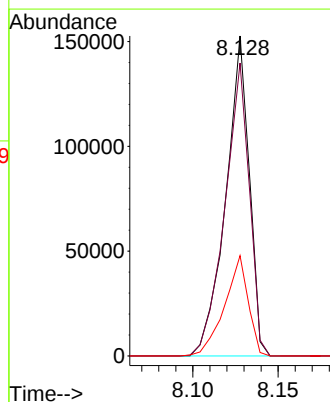
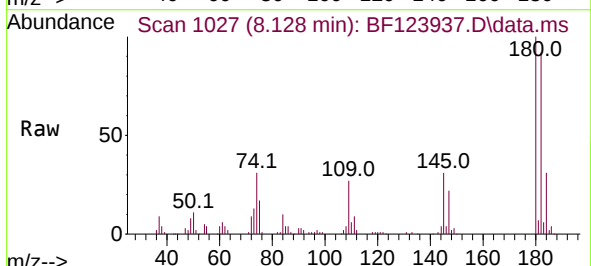
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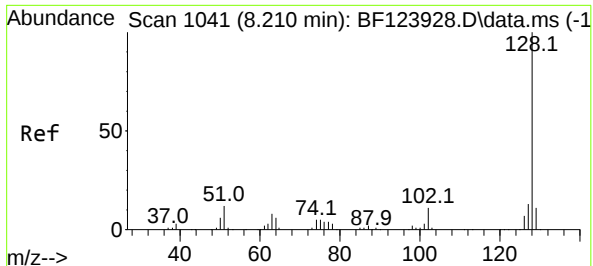
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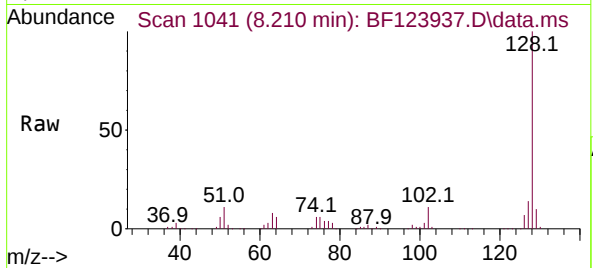
#30  
1,2,4-Trichlorobenzene  
Concen: 39.01 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:180 Resp: 146178  
Ion Ratio Lower Upper  
180 100  
182 91.6 77.2 115.8  
145 31.3 26.0 39.0

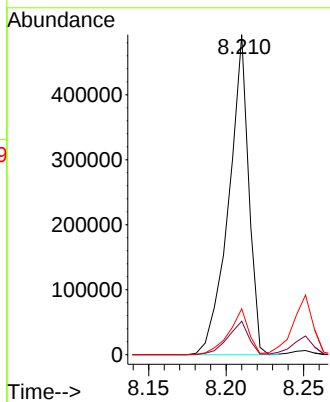
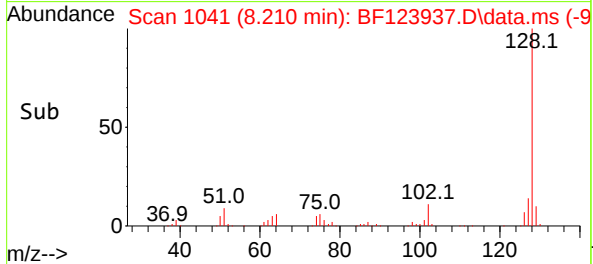




#31  
Naphthalene  
Concen: 38.66 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



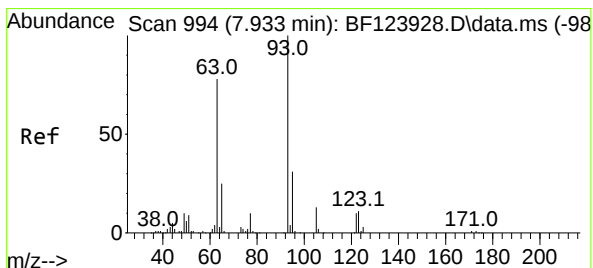
Tgt Ion:128 Resp: 440743  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.9 13.3  
127 14.3 10.8 16.2



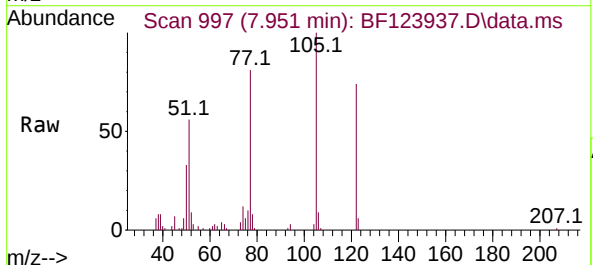
Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS

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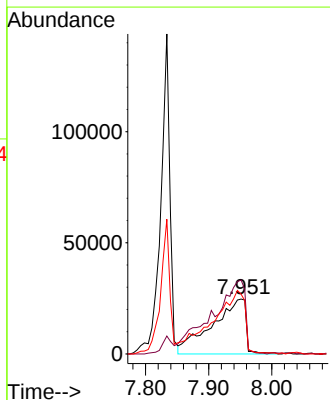
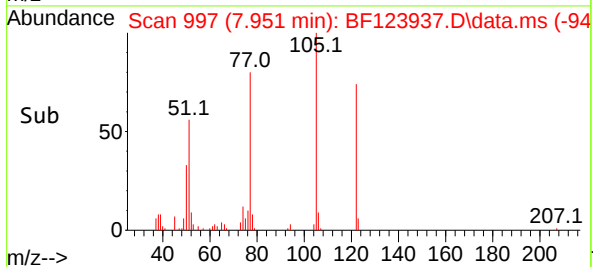
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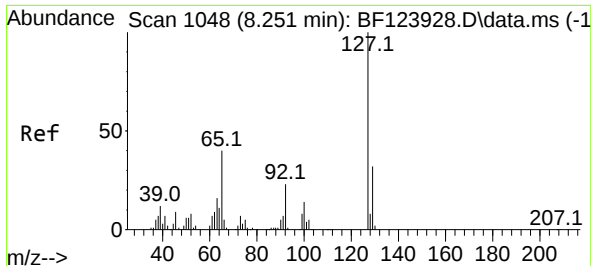


#32  
Benzoic acid  
Concen: 51.18 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.018 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



Tgt Ion:122 Resp: 92498  
Ion Ratio Lower Upper  
122 100  
105 134.6 107.8 147.8  
77 108.8 81.6 121.6





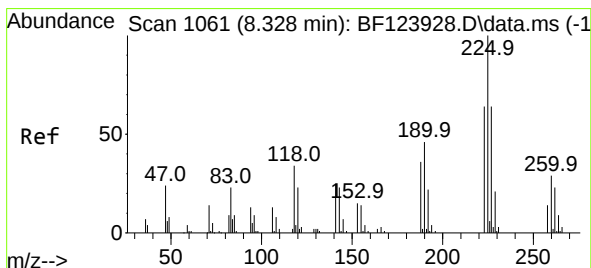
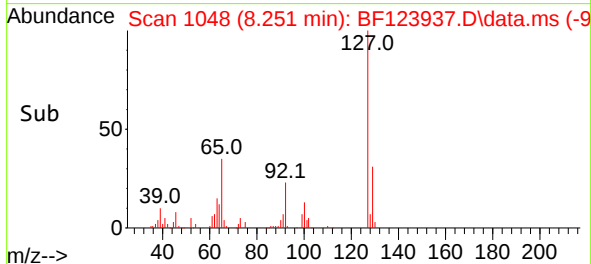
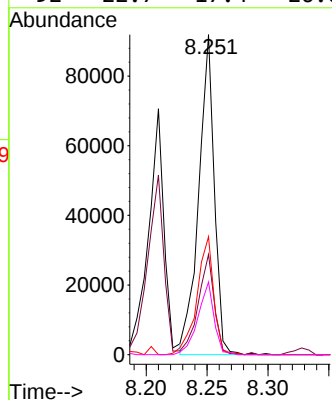
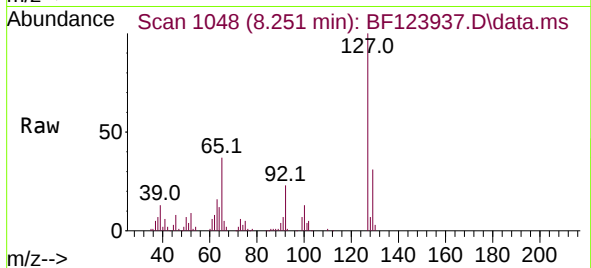
#33  
4-Chloroaniline  
Concen: 18.93 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.3  | 25.7  | 38.5  |
| 65      | 36.8  | 34.5  | 51.7  |
| 92      | 22.7  | 17.4  | 26.0  |

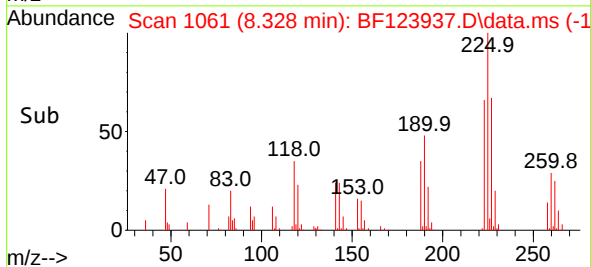
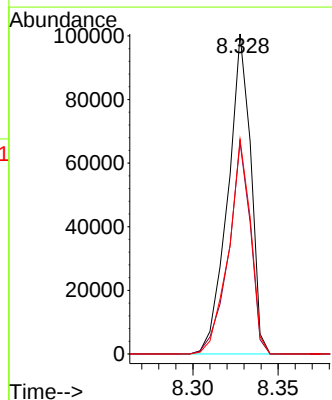
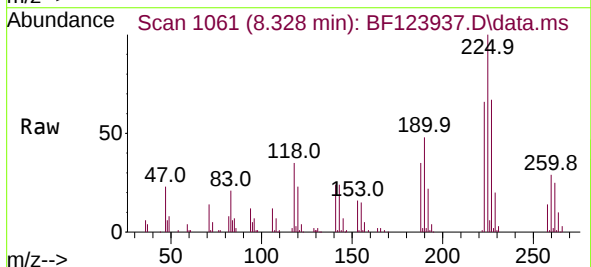
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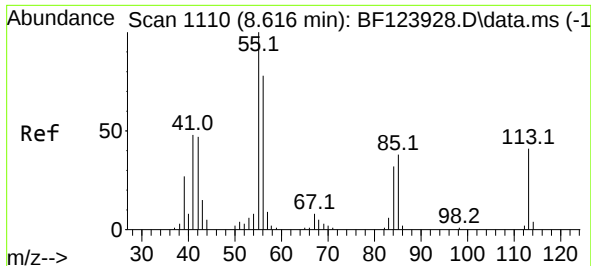
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#34  
Hexachlorobutadiene  
Concen: 38.20 ng  
RT: 8.328 min Scan# 1061  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.2  | 50.4  | 75.6  |
| 227     | 67.1  | 51.4  | 77.0  |





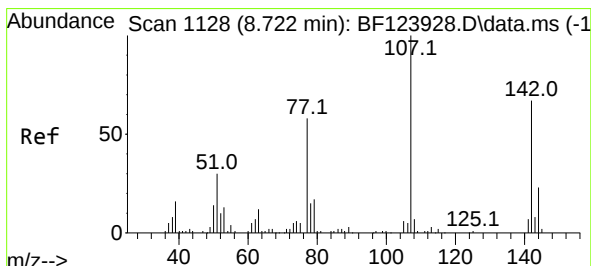
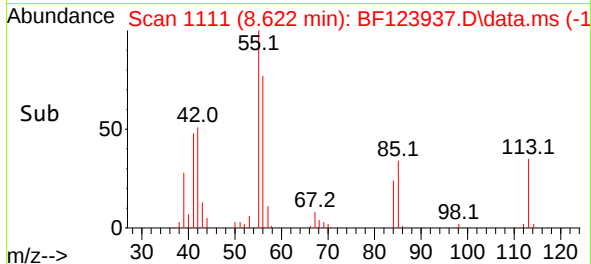
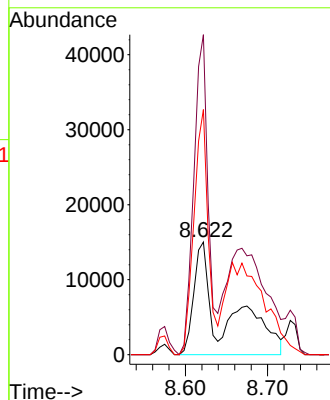
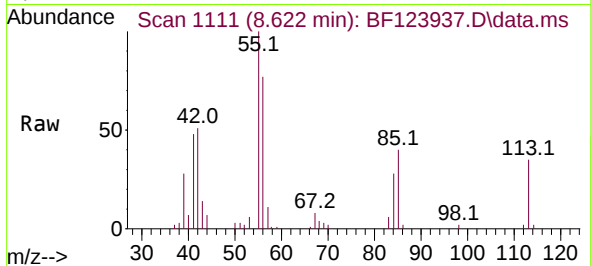
#35  
Caprolactam  
Concen: 43.26 ng m  
RT: 8.622 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:113 Resp: 39262  
Ion Ratio Lower Upper  
113 100  
55 284.0 254.9 294.9  
56 217.6 179.4 219.4

Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

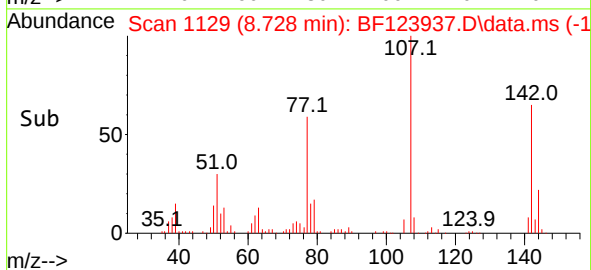
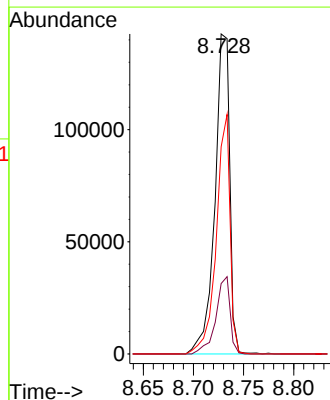
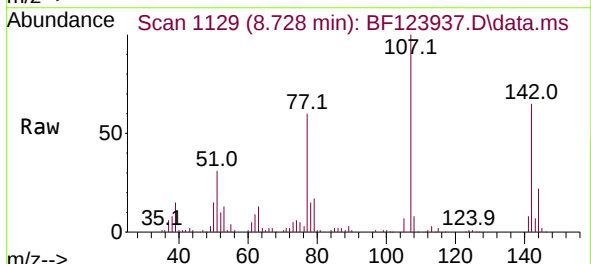
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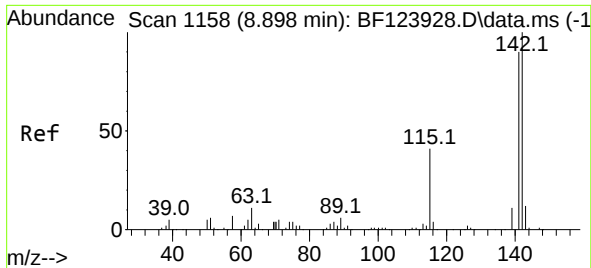
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#36  
4-Chloro-3-methylphenol  
Concen: 40.28 ng  
RT: 8.728 min Scan# 1129  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:107 Resp: 146818  
Ion Ratio Lower Upper  
107 100  
144 22.0 16.3 24.5  
142 64.7 50.1 75.1





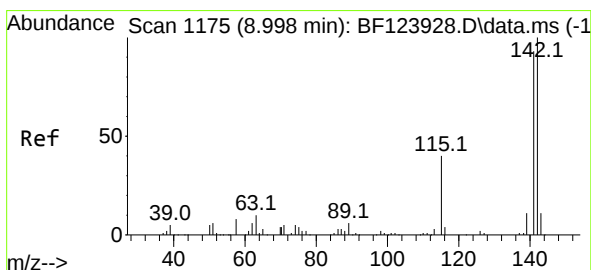
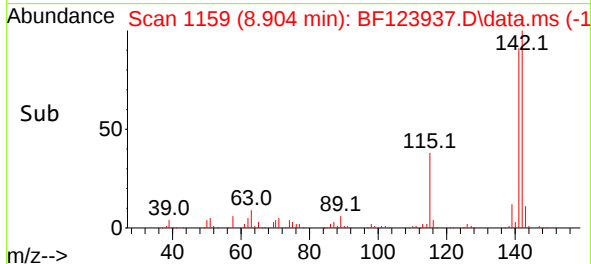
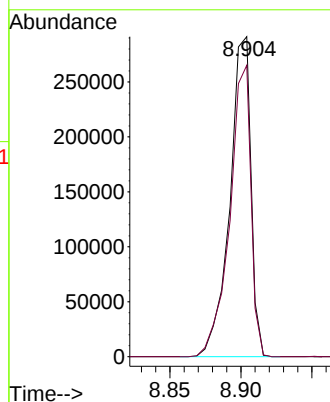
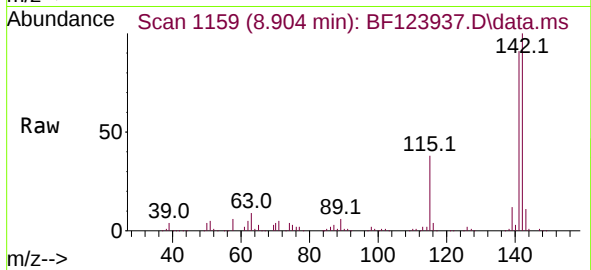
#37  
2-Methylnaphthalene  
Concen: 39.11 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS

Tgt Ion:142 Resp: 302243  
Ion Ratio Lower Upper  
142 100  
141 91.1 71.8 107.6

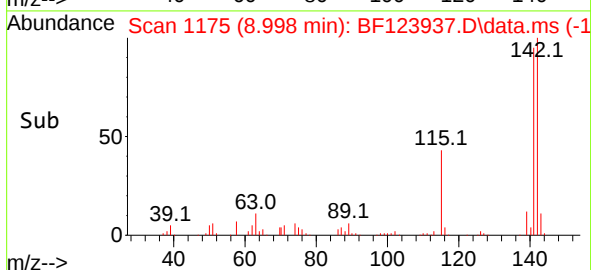
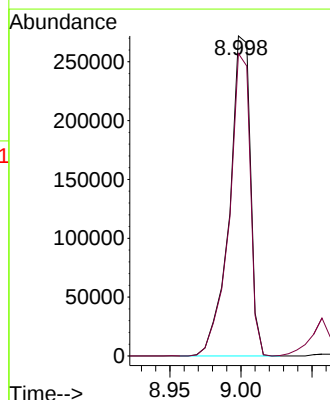
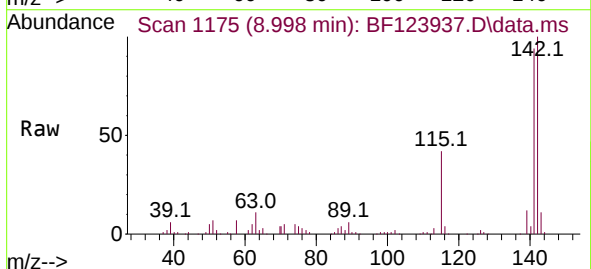
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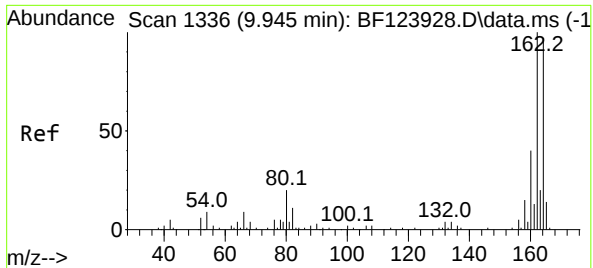
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 38.75 ng  
RT: 8.998 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

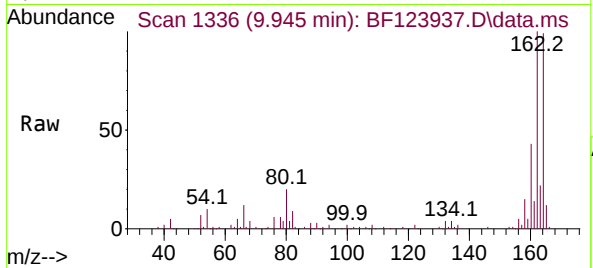
Tgt Ion:142 Resp: 279397  
Ion Ratio Lower Upper  
142 100  
141 94.5 72.8 109.2





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

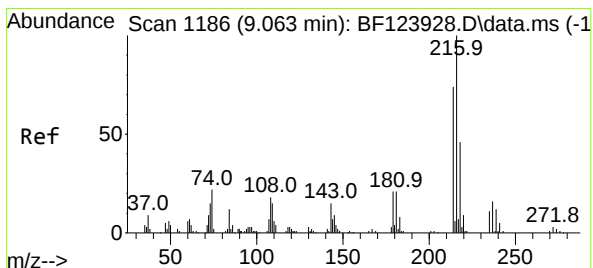
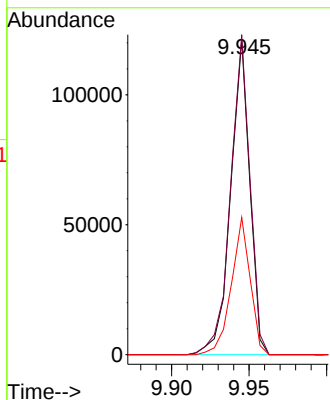
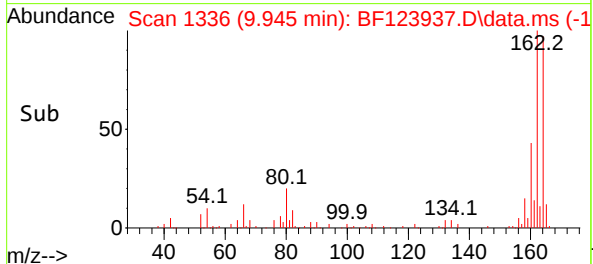
Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS



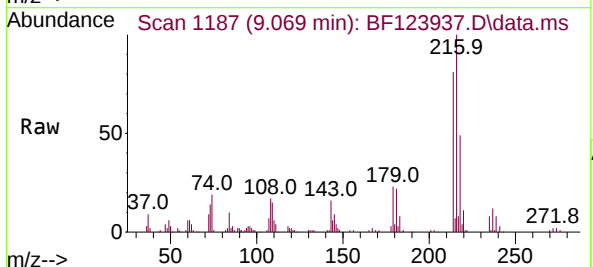
Tgt Ion:164 Resp: 103574  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.7 121.1  
160 43.5 37.3 55.9

Manual Integrations  
APPROVED

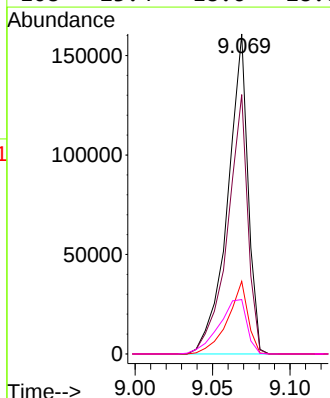
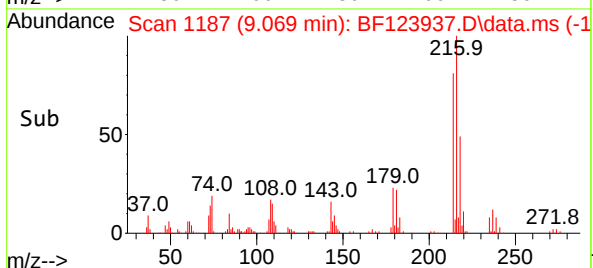
mohammad  
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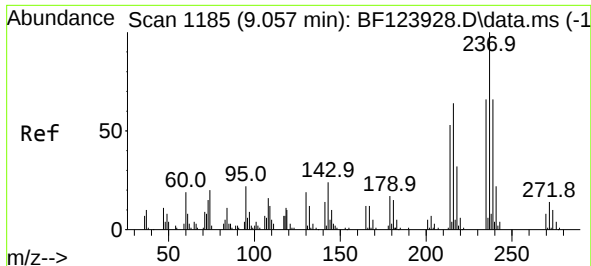


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.42 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



Tgt Ion:216 Resp: 147262  
Ion Ratio Lower Upper  
216 100  
214 80.5 63.8 95.8  
179 22.6 17.9 26.9  
108 23.4 18.6 28.0





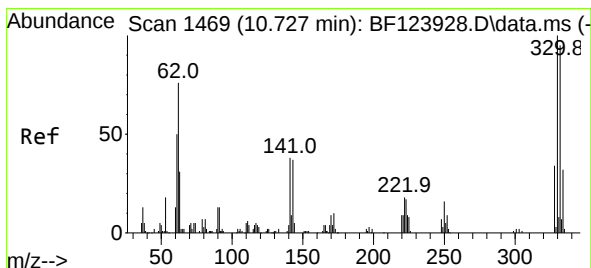
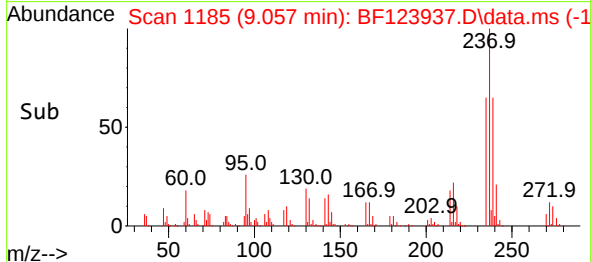
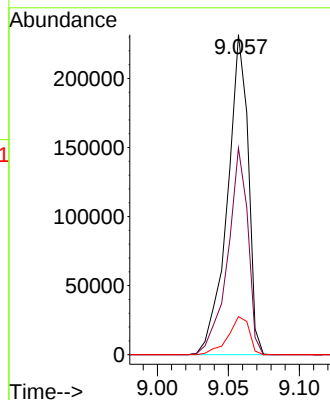
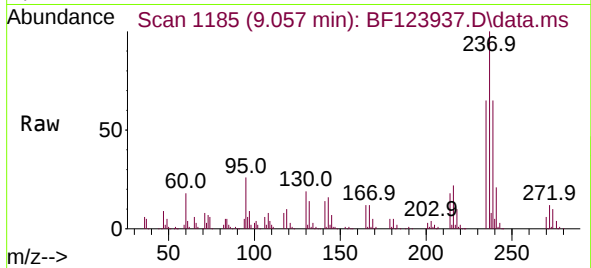
#41  
Hexachlorocyclopentadiene  
Concen: 99.08 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion: 237 Resp: 235419  
Ion Ratio Lower Upper  
237 100  
235 64.6 38.8 78.8  
272 11.9 0.0 32.4

Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS

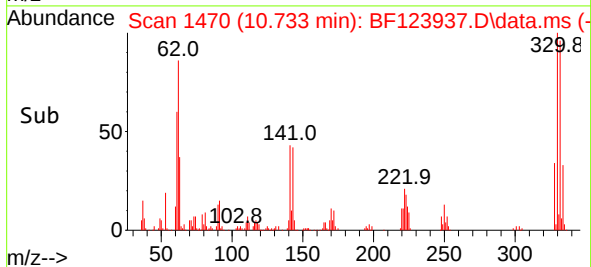
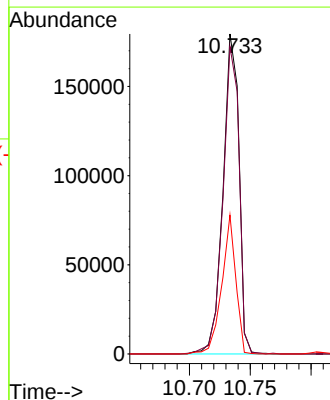
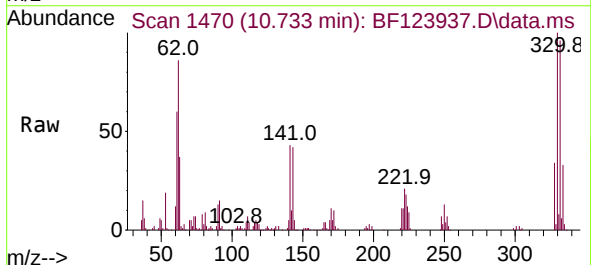
Manual Integrations  
APPROVED

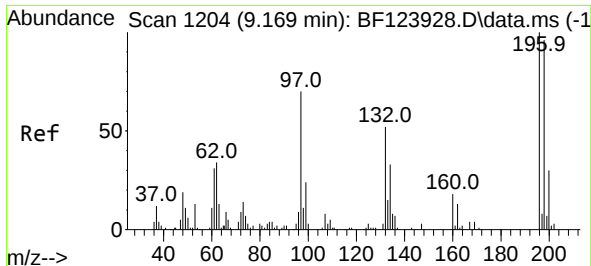
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 131.89 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

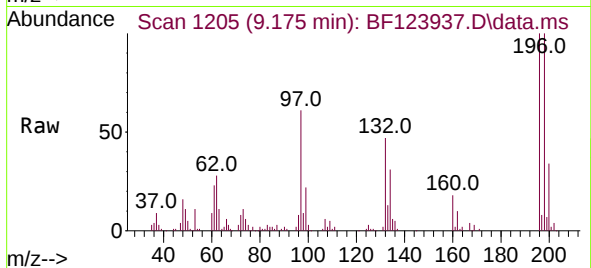
Tgt Ion: 330 Resp: 164080  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.1 115.7  
141 38.2 27.9 41.9





#43  
2,4,6-Trichlorophenol  
Concen: 41.77 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

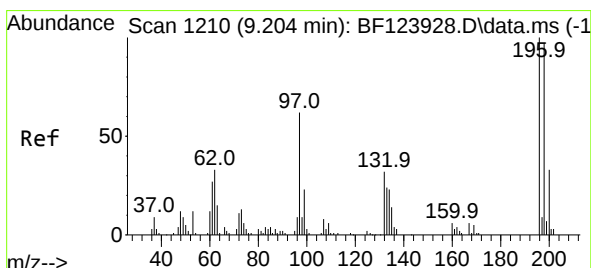
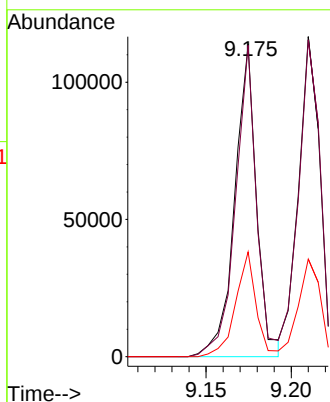
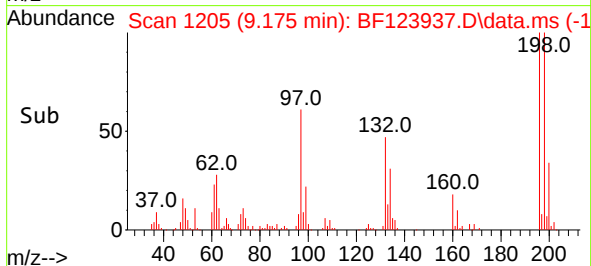
Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS



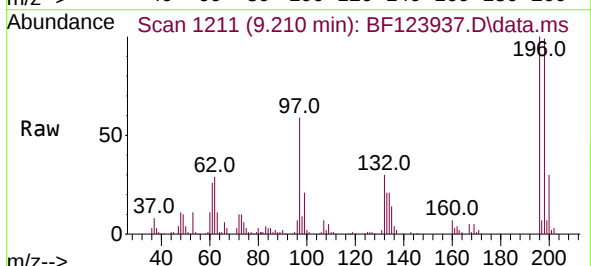
Tgt Ion:196 Resp: 101248  
Ion Ratio Lower Upper  
196 100  
198 99.7 78.2 117.2  
200 33.6 25.0 37.6

Manual Integrations  
APPROVED

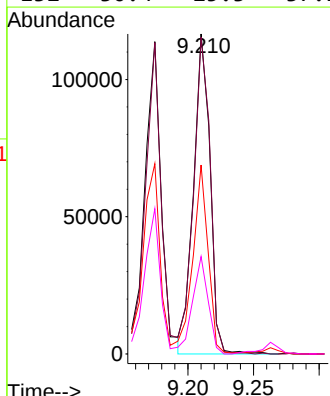
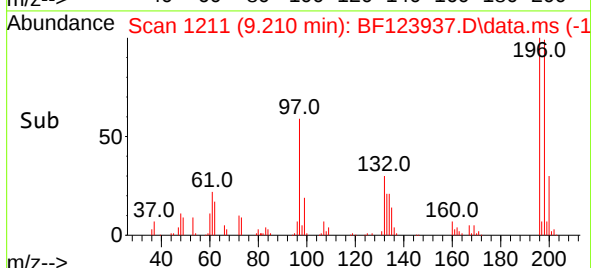
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5/17/2021 11:22:54 AM

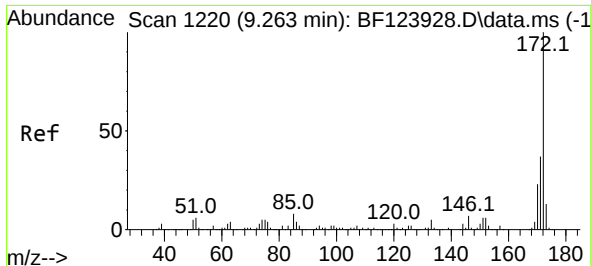


#44  
2,4,5-Trichlorophenol  
Concen: 40.64 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



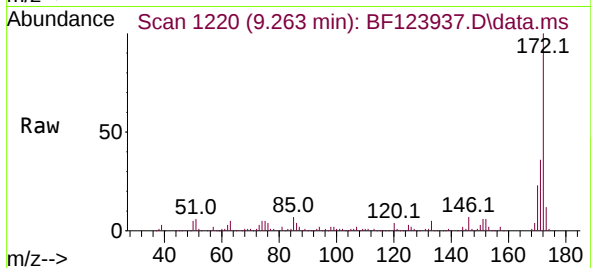
Tgt Ion:196 Resp: 102337  
Ion Ratio Lower Upper  
196 100  
198 99.0 76.5 114.7  
97 59.1 52.9 79.3  
132 30.4 25.3 37.9





#45  
2-Fluorobiphenyl  
Concen: 79.84 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

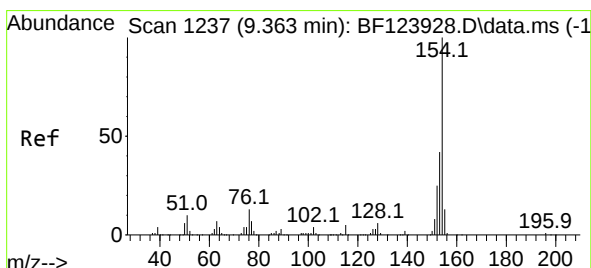
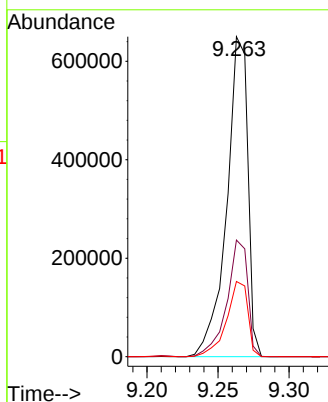
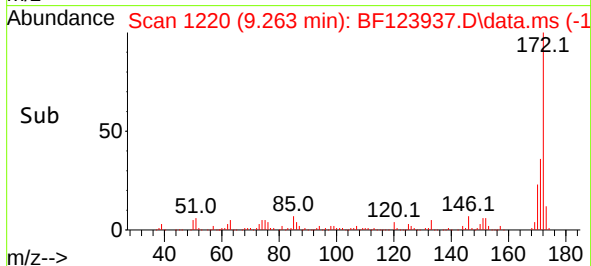
Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS



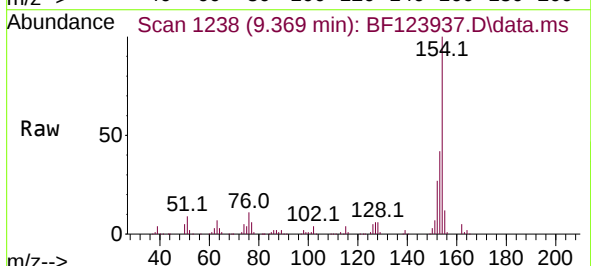
Tgt Ion:172 Resp: 672014  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.1 42.1  
170 23.5 19.2 28.8

Manual Integrations  
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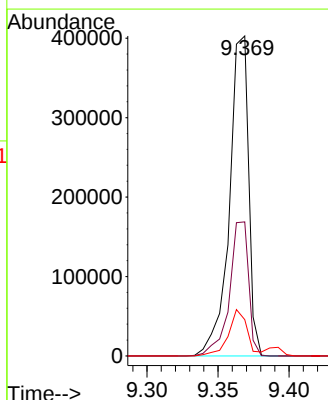
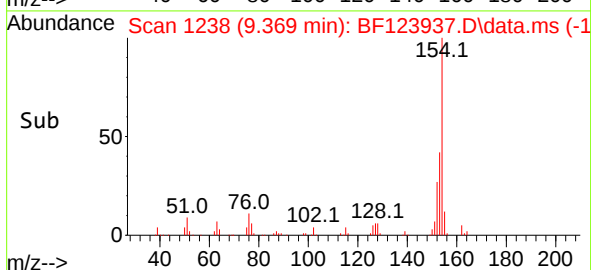
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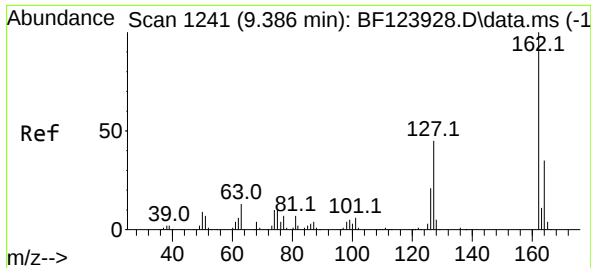


#46  
1,1'-Biphenyl  
Concen: 41.61 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



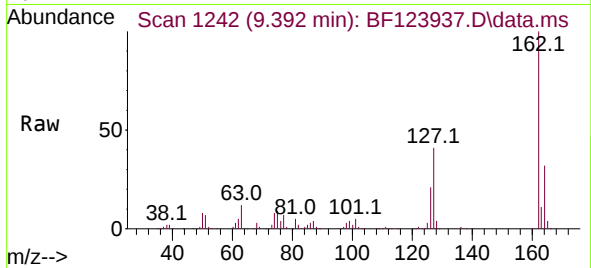
Tgt Ion:154 Resp: 379561  
Ion Ratio Lower Upper  
154 100  
153 41.9 20.7 60.7  
76 11.3 0.0 31.7





#47  
2-Chloronaphthalene  
Concen: 38.92 ng  
RT: 9.392 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

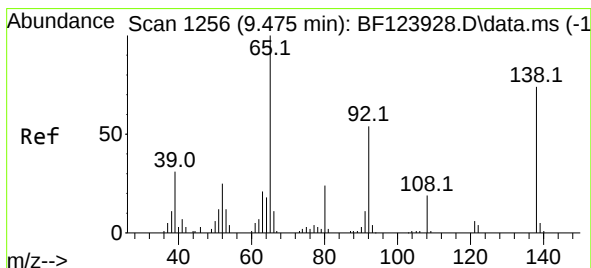
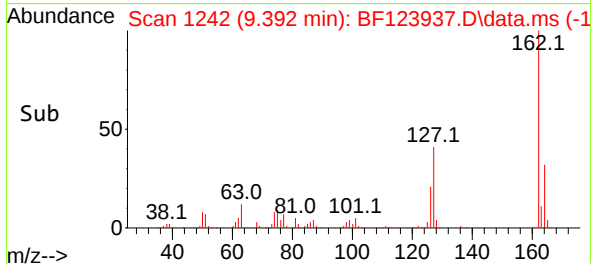
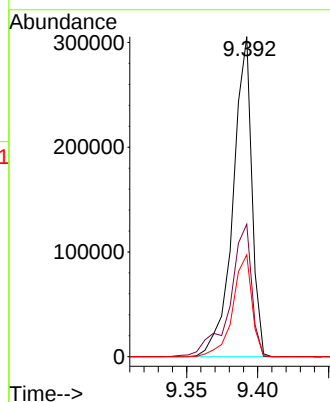
Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS



Tgt Ion:162 Resp: 282002  
Ion Ratio Lower Upper  
162 100  
127 41.4 36.2 54.2  
164 31.9 25.4 38.2

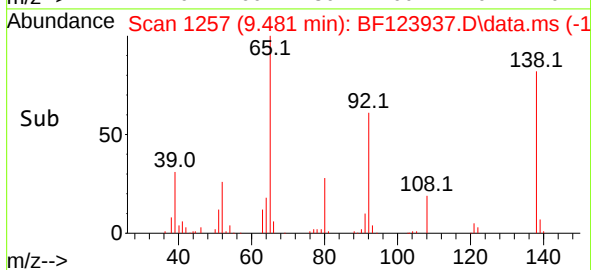
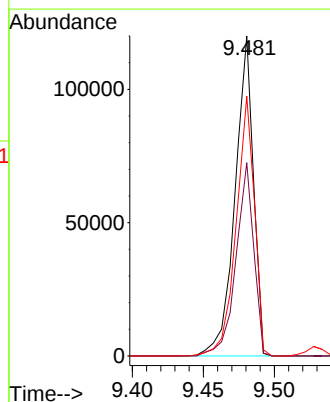
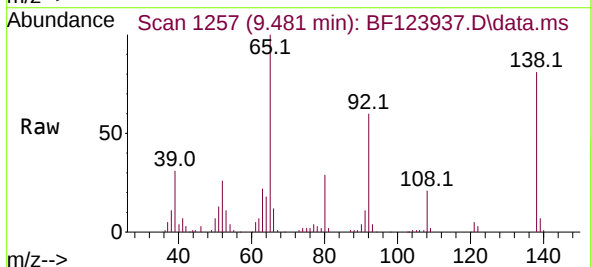
Manual Integrations  
APPROVED

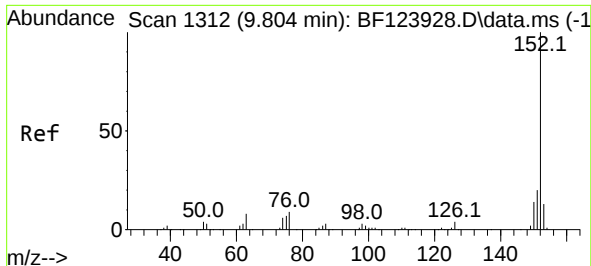
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#48  
2-Nitroaniline  
Concen: 44.26 ng  
RT: 9.481 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion: 65 Resp: 108298  
Ion Ratio Lower Upper  
65 100  
92 60.4 47.1 70.7  
138 81.2 70.2 105.2





#49

Acenaphthylene

Concen: 40.46 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF123937.D

Acq: 15 May 2021 10:48

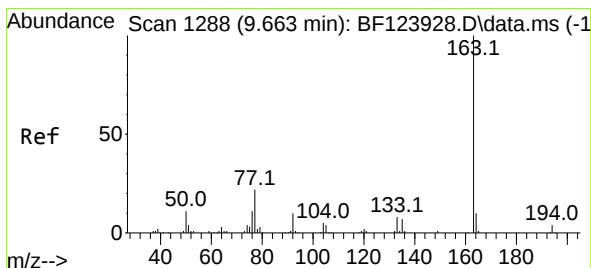
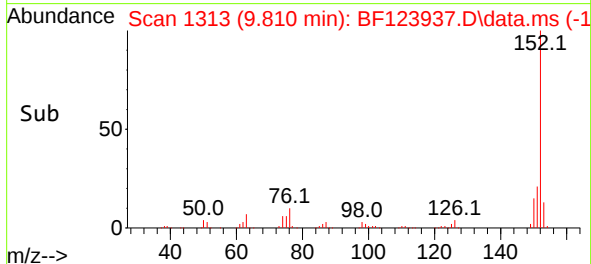
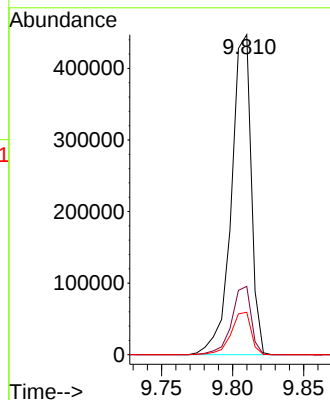
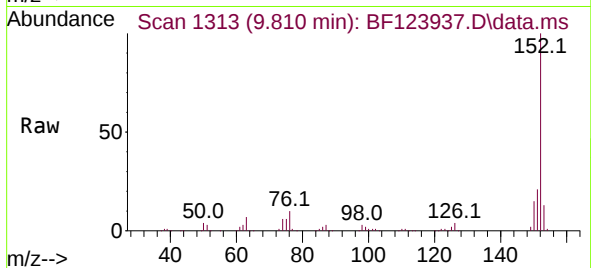
Tgt Ion:152 Resp: 433177

Ion Ratio Lower Upper

152 100

151 21.3 16.0 24.0

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 41.77 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.006 min

Lab File: BF123937.D

Acq: 15 May 2021 10:48

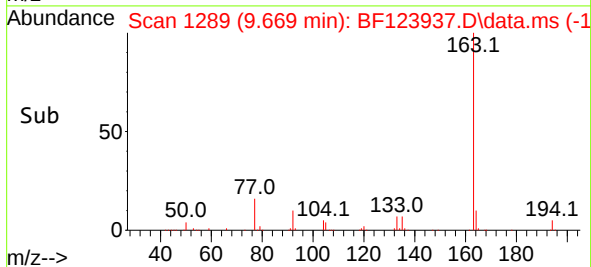
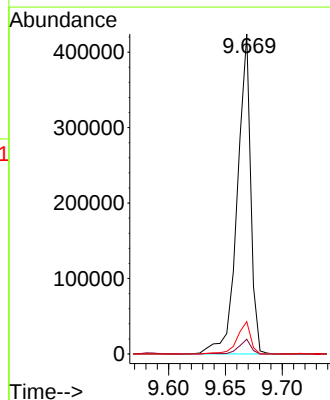
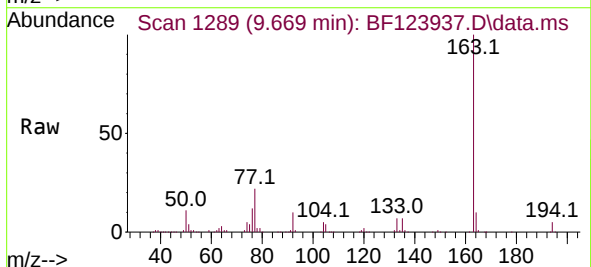
Tgt Ion:163 Resp: 345491

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

164 10.1 8.2 12.2



Instrument :

BNA\_F

ClientSampleId :

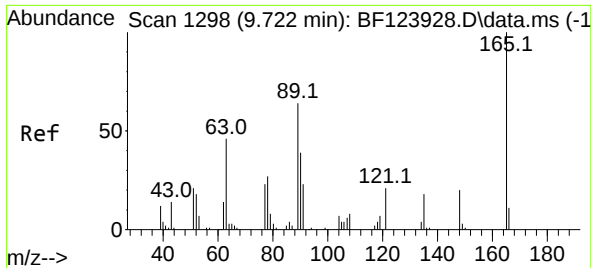
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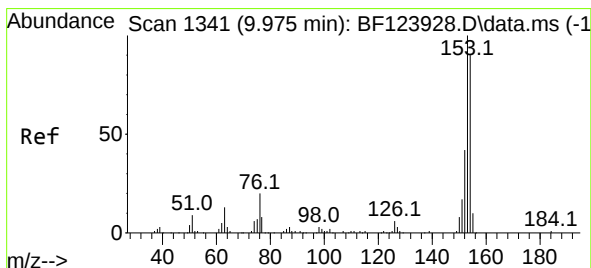
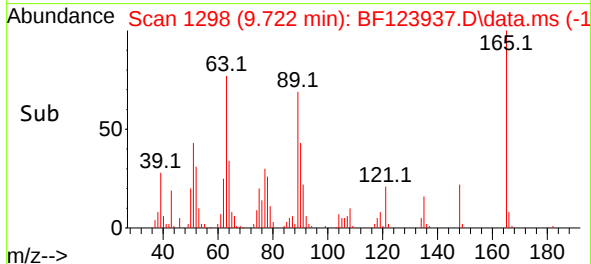
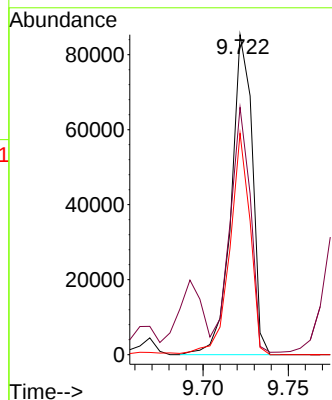
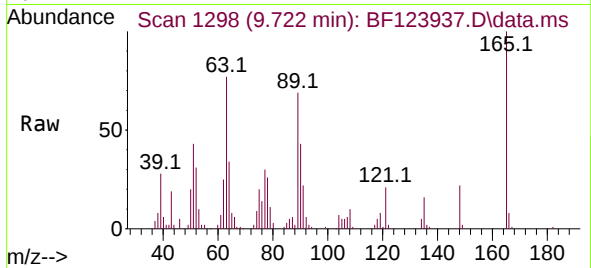
#51  
2,6-Dinitrotoluene  
Concen: 43.79 ng  
RT: 9.722 min Scan# 1298  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:165 Resp: 73246  
Ion Ratio Lower Upper  
165 100  
63 77.3 67.7 101.5  
89 69.2 58.8 88.2

Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

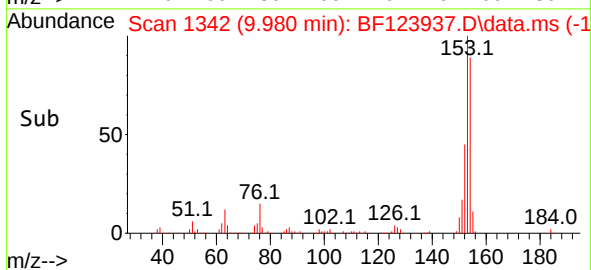
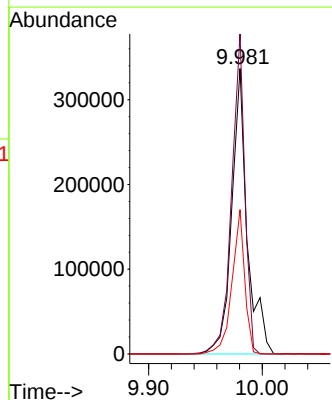
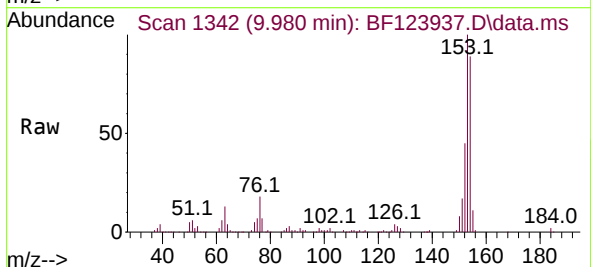
Manual Integrations  
APPROVED

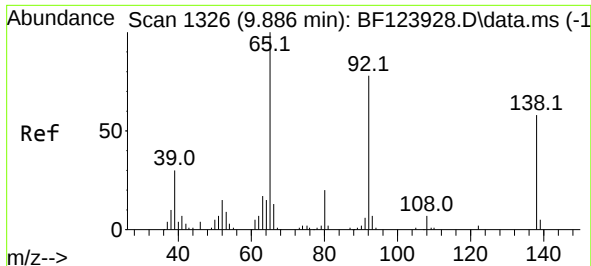
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#52  
Acenaphthene  
Concen: 43.84 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:154 Resp: 321252  
Ion Ratio Lower Upper  
154 100  
153 112.1 88.1 132.1  
152 50.6 43.4 65.0





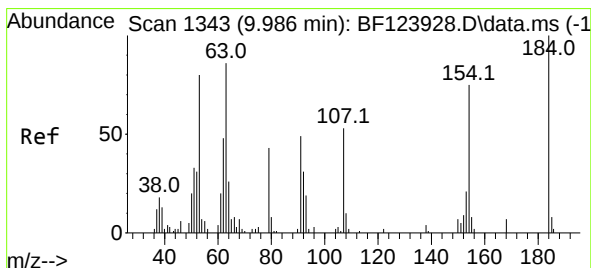
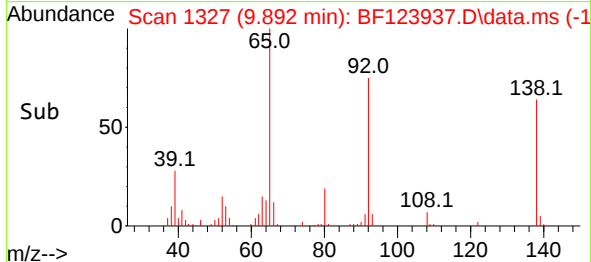
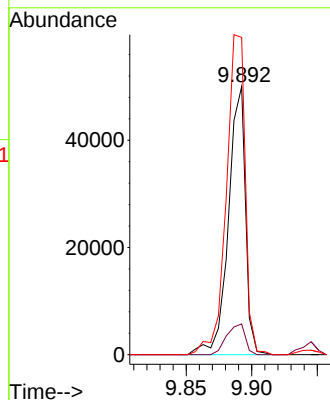
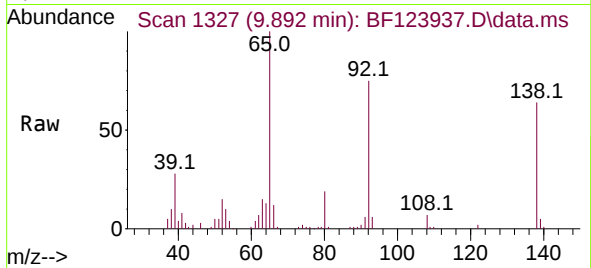
#53  
3-Nitroaniline  
Concen: 27.23 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:138 Resp: 45258  
Ion Ratio Lower Upper  
138 100  
108 11.5 10.2 15.4  
92 118.4 103.3 154.9

Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

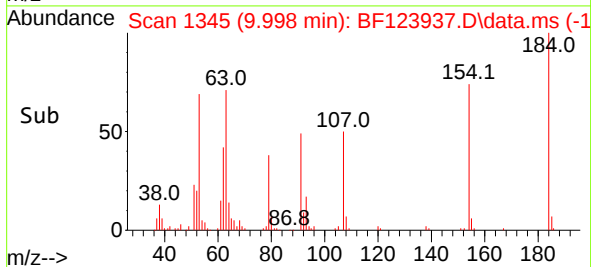
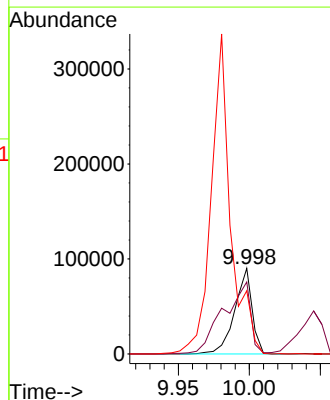
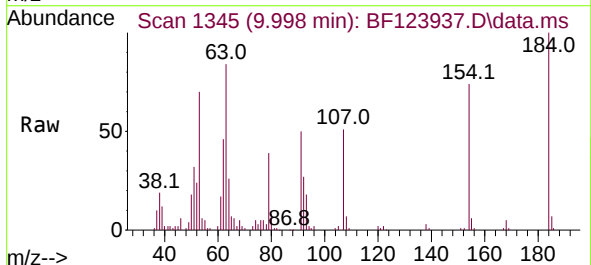
Manual Integrations  
APPROVED

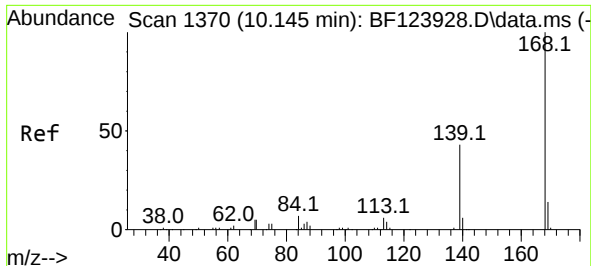
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#54  
2,4-Dinitrophenol  
Concen: 84.83 ng  
RT: 9.998 min Scan# 1345  
Delta R.T. 0.012 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

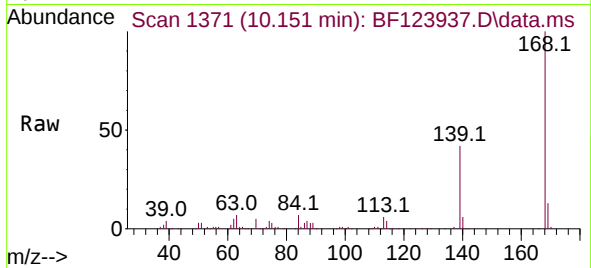
Tgt Ion:184 Resp: 76704  
Ion Ratio Lower Upper  
184 100  
63 84.1 73.5 110.3  
154 73.8 52.5 78.7





#55  
Dibenzofuran  
Concen: 38.85 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

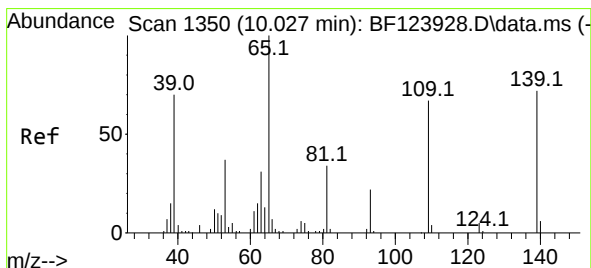
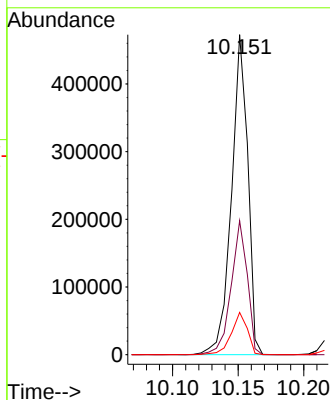
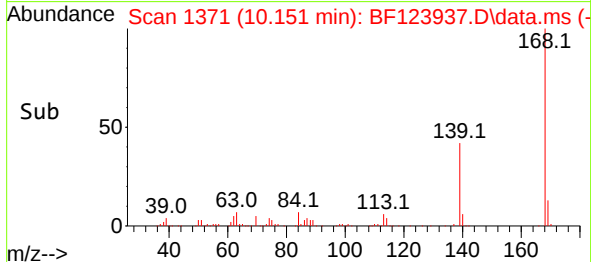
Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS



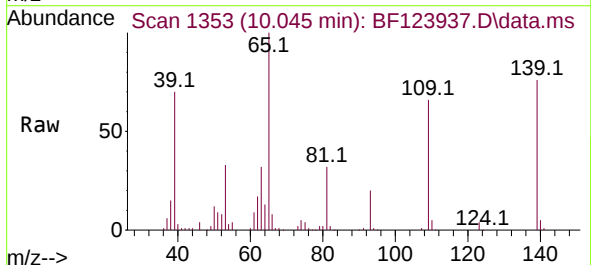
Tgt Ion:168 Resp: 408850  
Ion Ratio Lower Upper  
168 100  
139 41.9 33.2 49.8  
169 13.2 10.8 16.2

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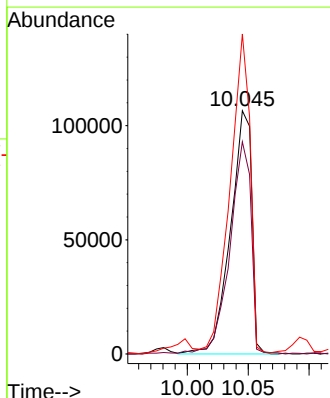
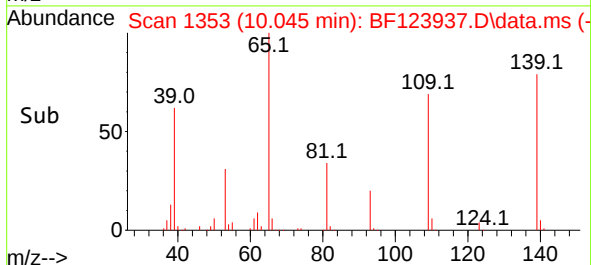
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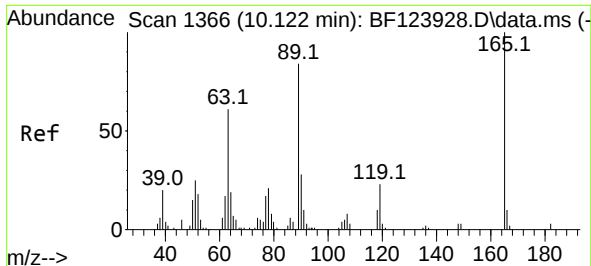


#56  
4-Nitrophenol  
Concen: 93.98 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.018 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

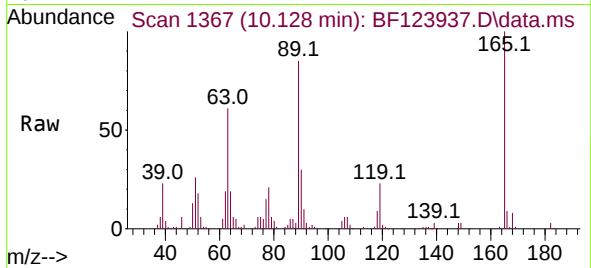


Tgt Ion:139 Resp: 129209  
Ion Ratio Lower Upper  
139 100  
109 87.3 63.2 103.2  
65 131.6 110.0 150.0

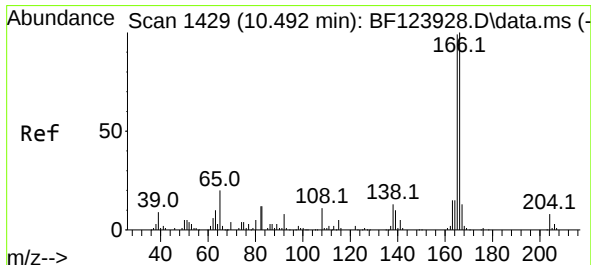
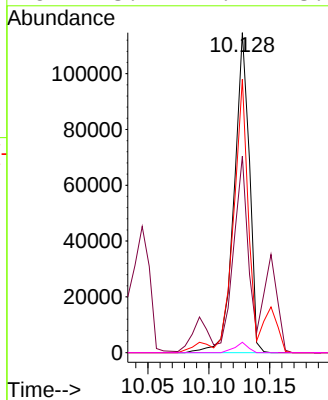
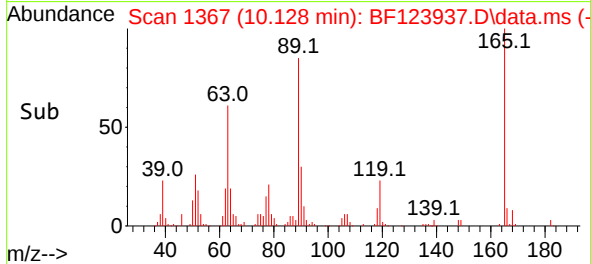




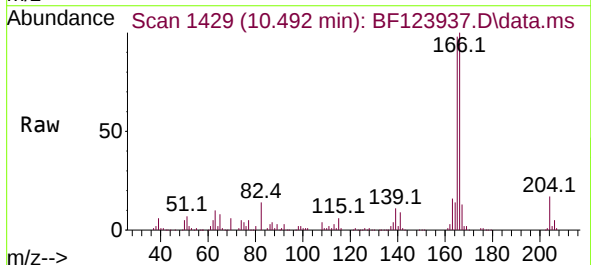
#57  
2,4-Dinitrotoluene  
Concen: 48.65 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



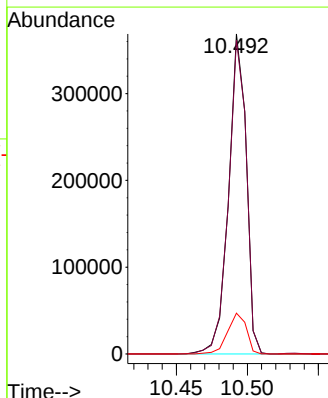
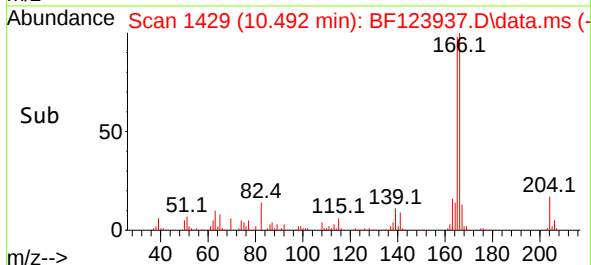
Tgt Ion:165 Resp: 99802  
Ion Ratio Lower Upper  
165 100  
63 61.4 43.5 65.3  
89 85.5 67.7 101.5  
182 3.2 2.1 3.1#



#58  
Fluorene  
Concen: 40.23 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



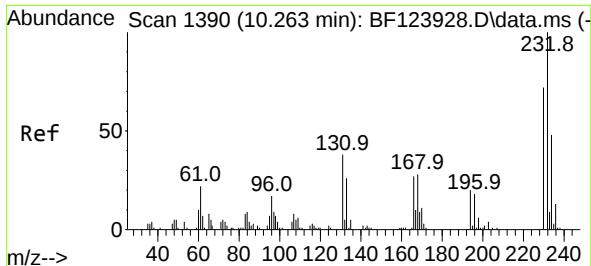
Tgt Ion:166 Resp: 319096  
Ion Ratio Lower Upper  
166 100  
165 98.1 73.5 110.3  
167 12.7 10.7 16.1



Instrument :  
BNA\_F  
ClientSampled :  
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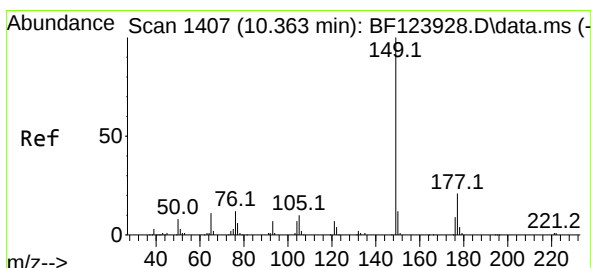
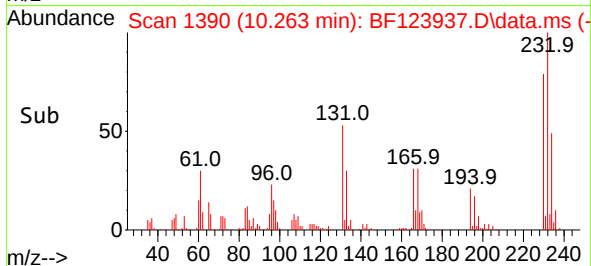
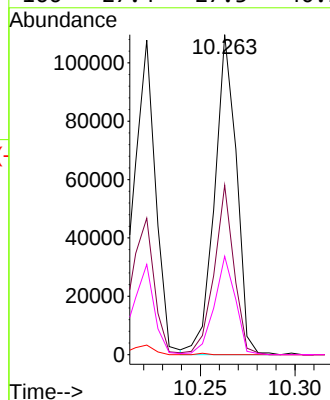
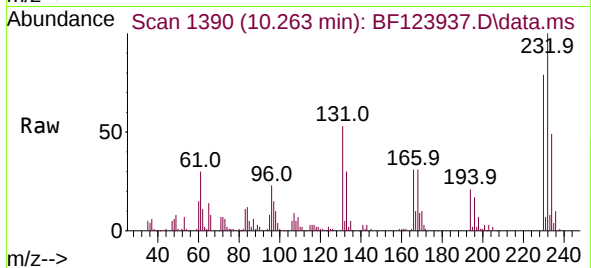
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.59 ng m  
RT: 10.263 min Scan# 1390  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 88193 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 44.5  | 43.2  | 64.8  |
| 130       | 2.9   | 2.2   | 3.2   |
| 166       | 27.4  | 27.3  | 40.9  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS

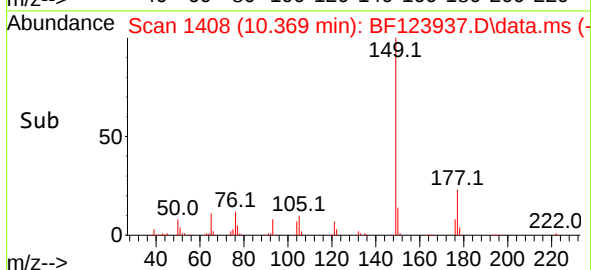
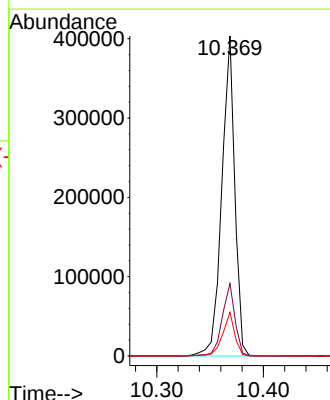
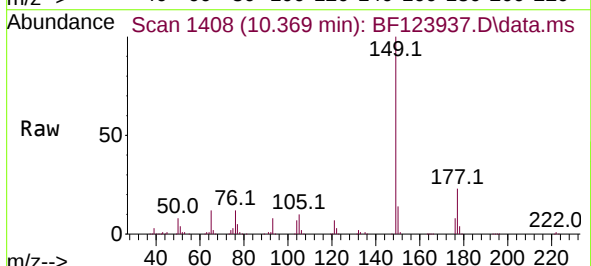
Manual Integrations  
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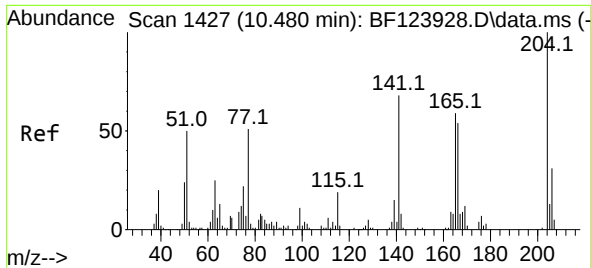
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#60  
Diethylphthalate  
Concen: 41.54 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 340285 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.6  | 15.4  | 23.2   |
| 150       | 13.6  | 9.9   | 14.9   |





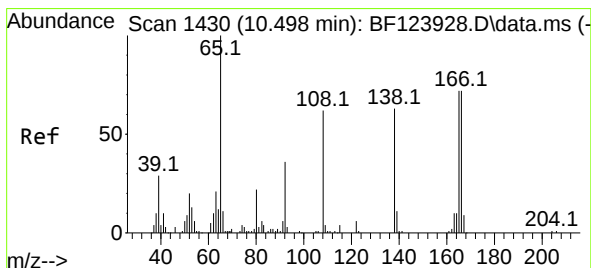
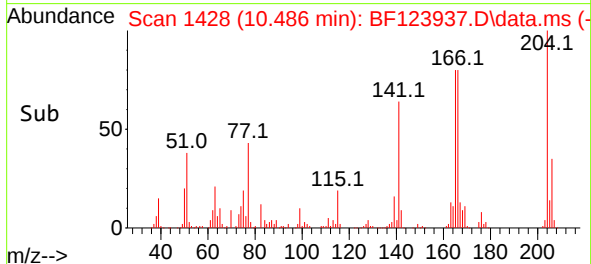
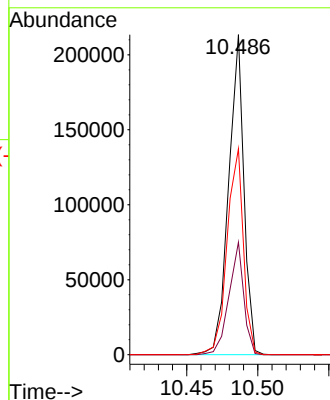
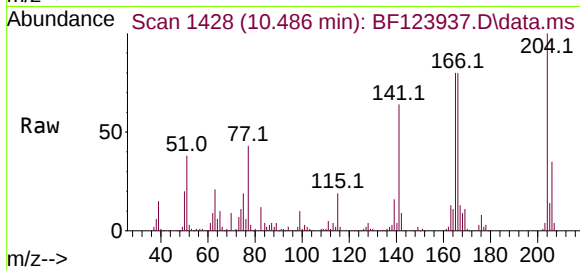
#61  
4-Chlorophenyl-phenylether  
Concen: 40.29 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Instrument :  
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ClientSampled :  
PB136395BS

Tgt Ion:204 Resp: 160132  
Ion Ratio Lower Upper  
204 100  
206 35.2 25.7 38.5  
141 64.3 55.5 83.3

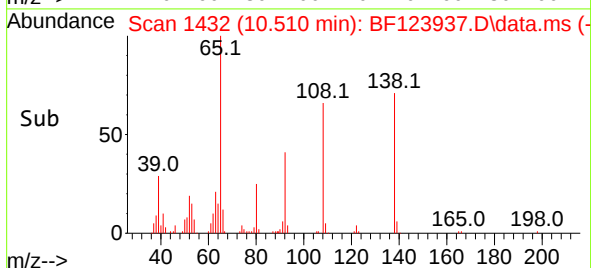
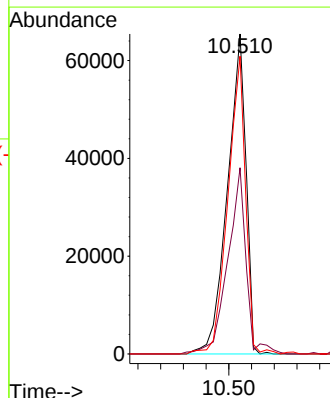
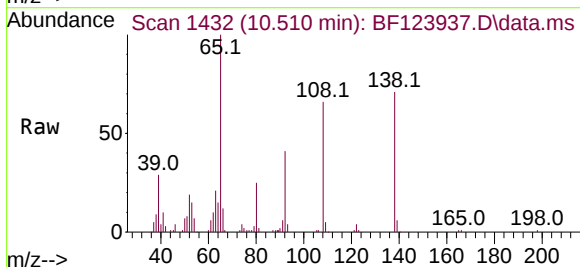
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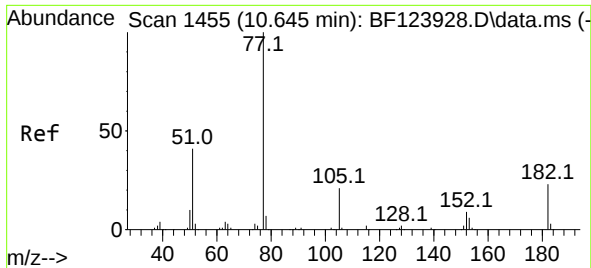
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#62  
4-Nitroaniline  
Concen: 44.71 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.012 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:138 Resp: 73908  
Ion Ratio Lower Upper  
138 100  
92 58.2 35.8 75.8  
108 93.0 63.6 103.6





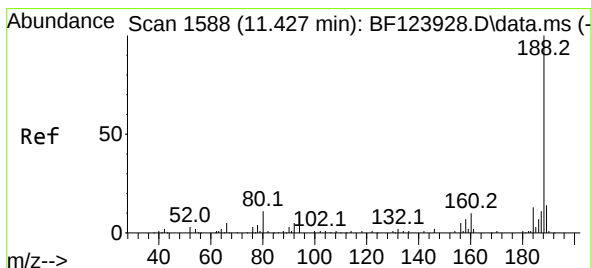
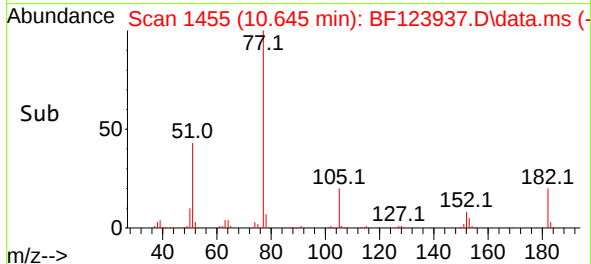
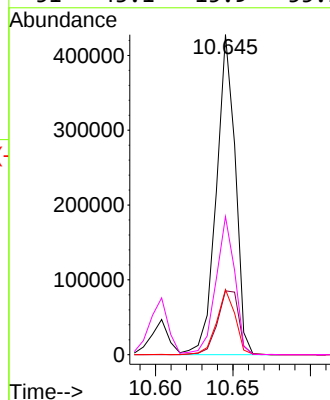
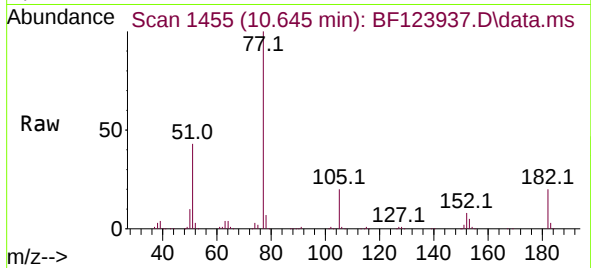
#63  
Azobenzene  
Concen: 39.86 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 363089 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 19.9    | 1.7 41.7     |
| 105 20.3    | 1.7 41.7     |
| 51 43.1     | 15.9 55.9    |

Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

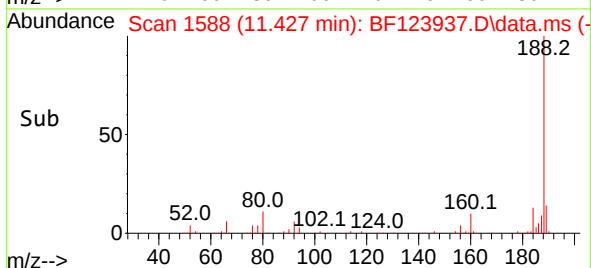
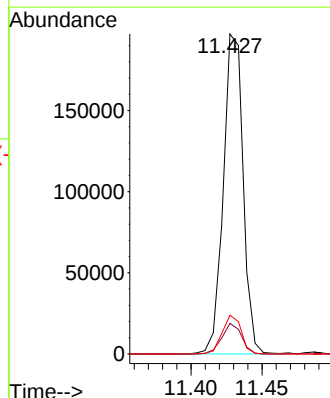
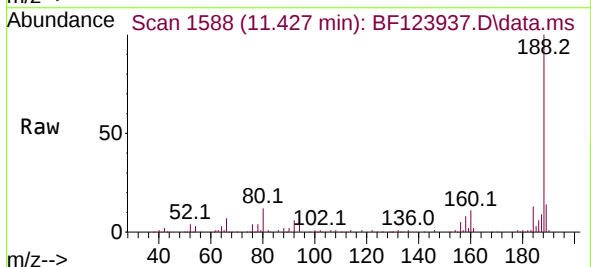
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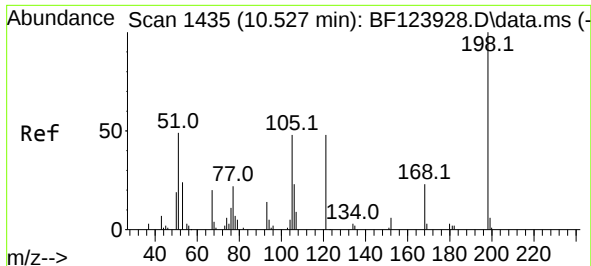
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:188 | Resp: | 190793 |       |
| Ion         | Ratio | Lower  | Upper |
| 188         | 100   |        |       |
| 94          | 9.6   | 6.9    | 10.3  |
| 80          | 12.1  | 8.2    | 12.2  |





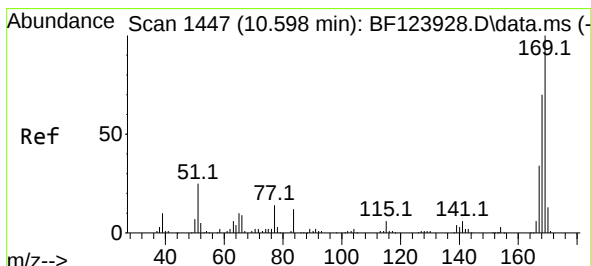
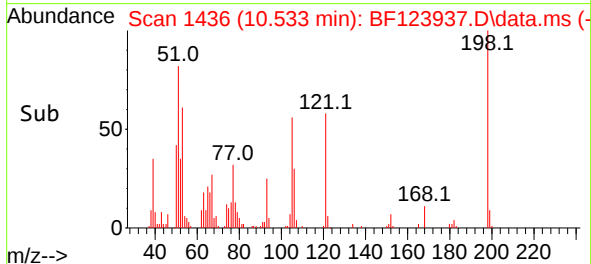
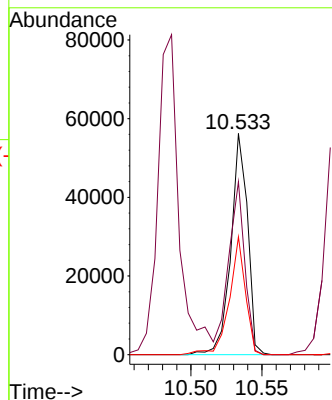
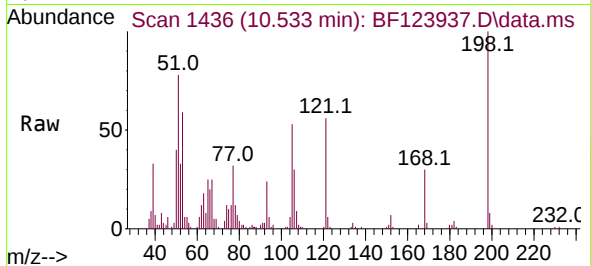
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.64 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:198 Resp: 46028  
Ion Ratio Lower Upper  
198 100  
51 78.2 64.8 104.8  
105 53.3 42.6 82.6

Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

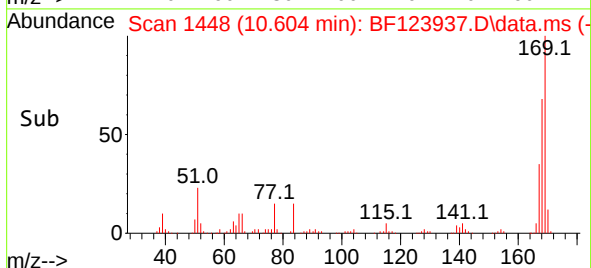
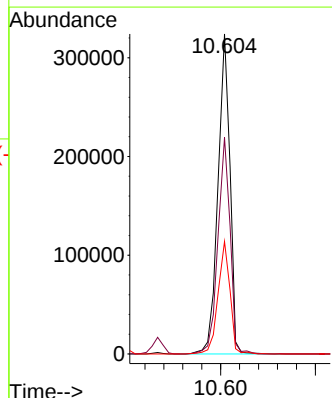
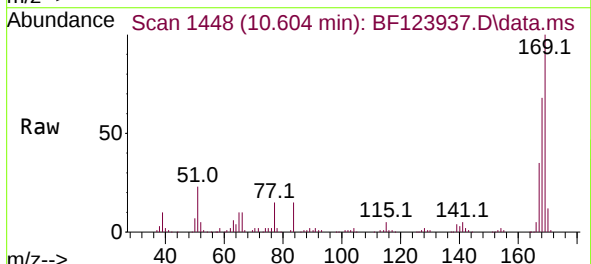
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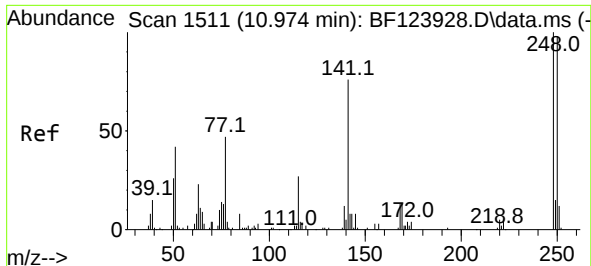
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#66  
n-Nitrosodiphenylamine  
Concen: 38.94 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

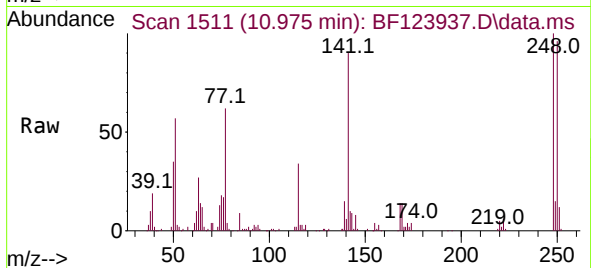
Tgt Ion:169 Resp: 283862  
Ion Ratio Lower Upper  
169 100  
168 67.7 53.3 79.9  
167 35.2 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 40.24 ng  
RT: 10.975 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

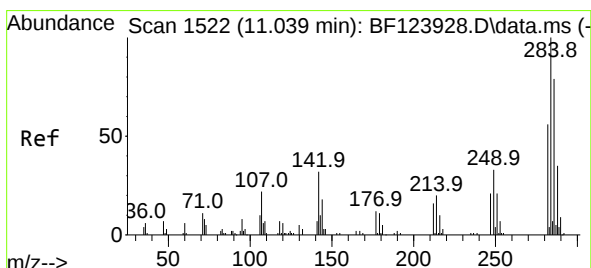
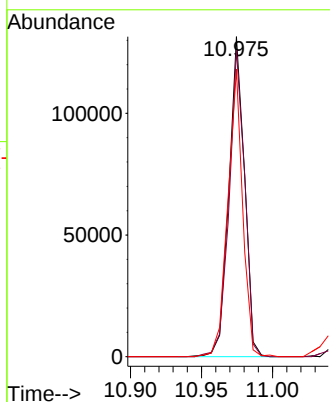
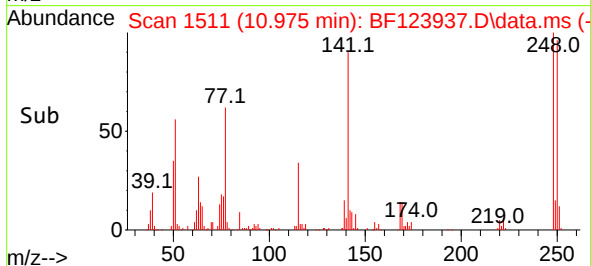
Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS



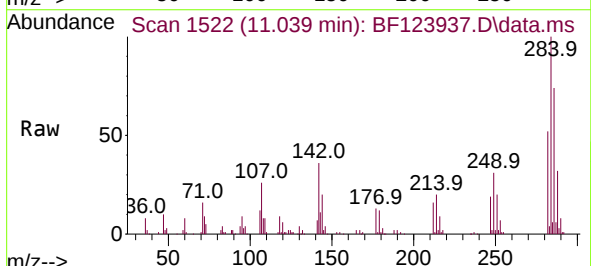
Tgt Ion:248 Resp: 100893  
Ion Ratio Lower Upper  
248 100  
250 95.8 77.4 116.2  
141 89.8 63.7 95.5

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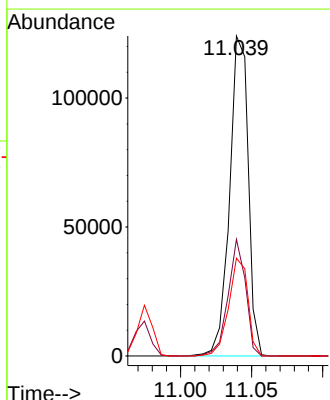
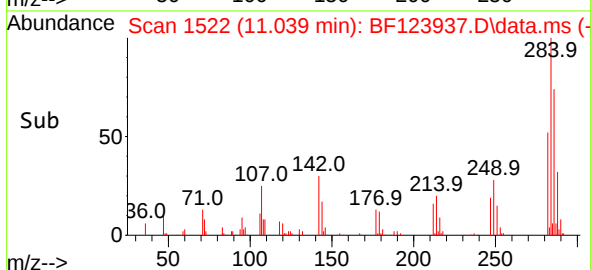
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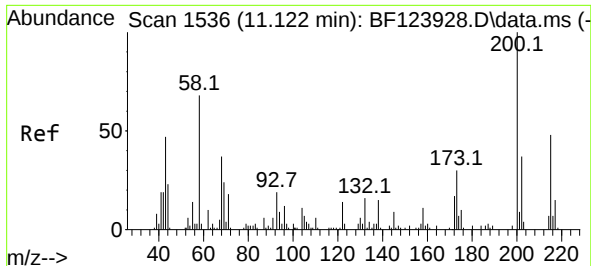


#68  
Hexachlorobenzene  
Concen: 40.55 ng  
RT: 11.039 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

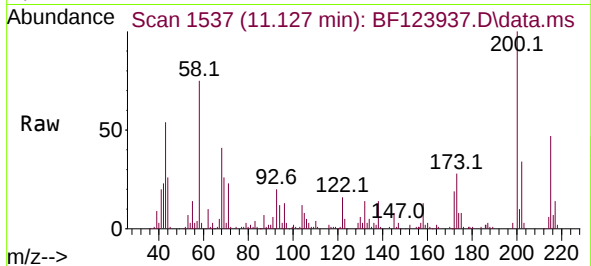


Tgt Ion:284 Resp: 113513  
Ion Ratio Lower Upper  
284 100  
142 36.4 28.3 42.5  
249 30.5 23.5 35.3

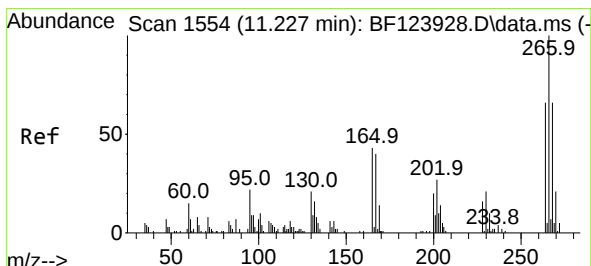
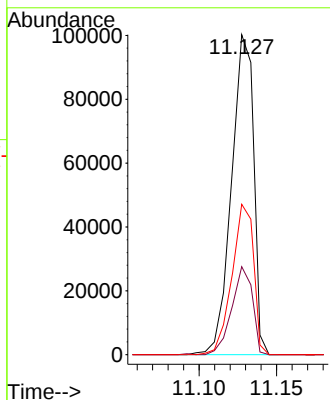
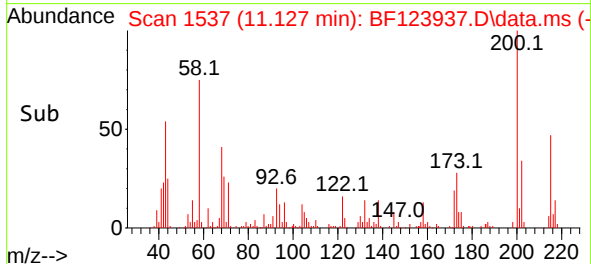




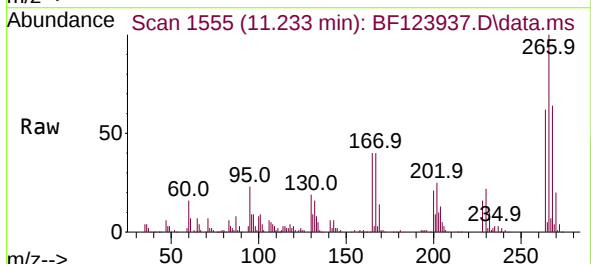
#69  
Atrazine  
Concen: 48.28 ng  
RT: 11.127 min Scan# 1537  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



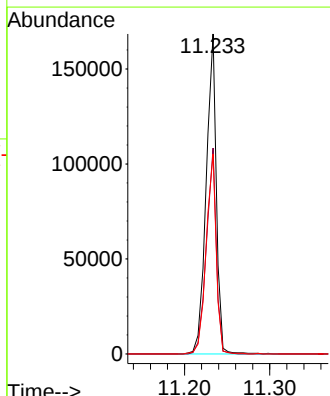
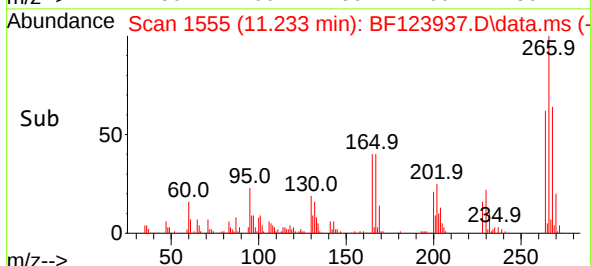
Tgt Ion:200 Resp: 99406  
Ion Ratio Lower Upper  
200 100  
173 27.5 6.9 46.9  
215 47.0 26.5 66.5



#70  
Pentachlorophenol  
Concen: 84.03 ng  
RT: 11.233 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



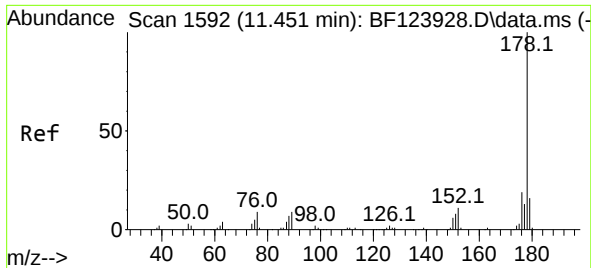
Tgt Ion:266 Resp: 139445  
Ion Ratio Lower Upper  
266 100  
268 64.4 51.6 77.4  
264 62.5 52.6 78.8



Instrument :  
BNA\_F  
ClientSampleId :  
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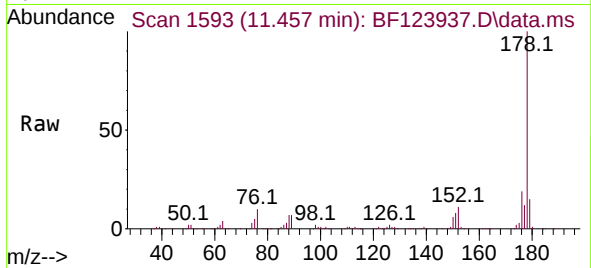
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#71  
Phenanthrene  
Concen: 39.26 ng  
RT: 11.457 min Scan# 1593  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

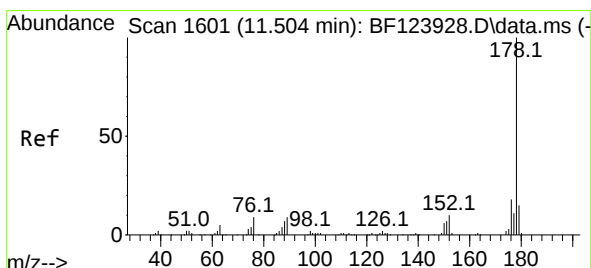
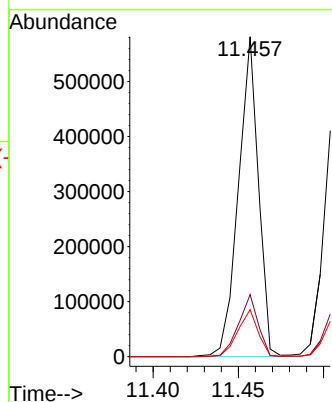
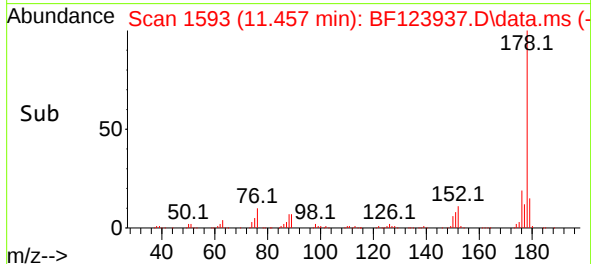
Instrument :  
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ClientSampleID :  
PB136395BS



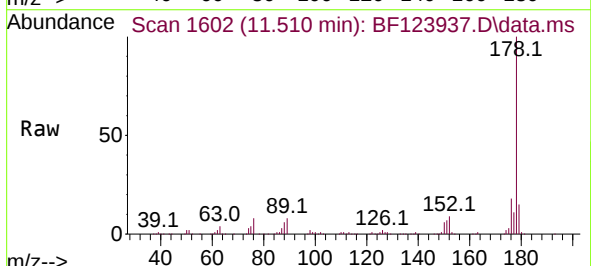
Tgt Ion:178 Resp: 474723  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.6 23.4  
179 14.7 12.5 18.7

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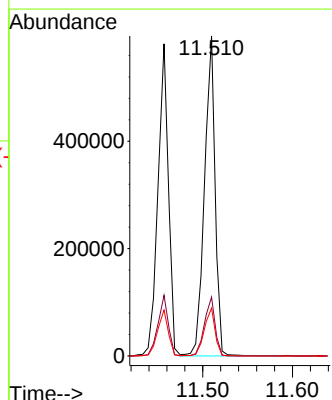
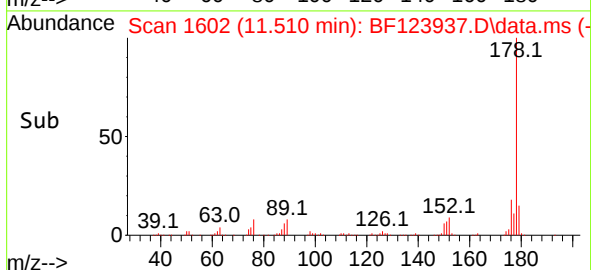
mohammad  
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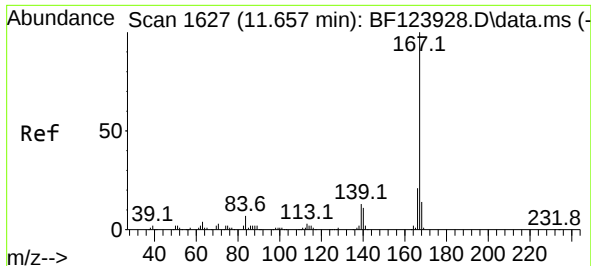


#72  
Anthracene  
Concen: 40.08 ng  
RT: 11.510 min Scan# 1602  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
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Tgt Ion:178 Resp: 491128  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.4 23.0  
179 14.9 12.6 18.8





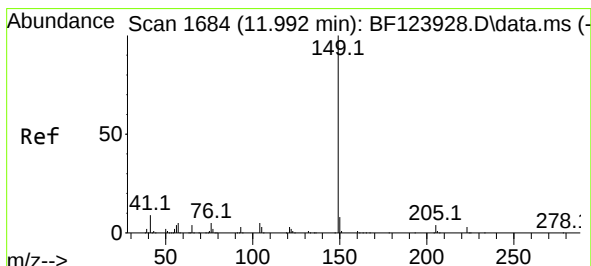
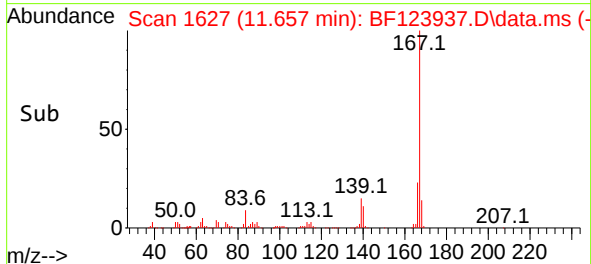
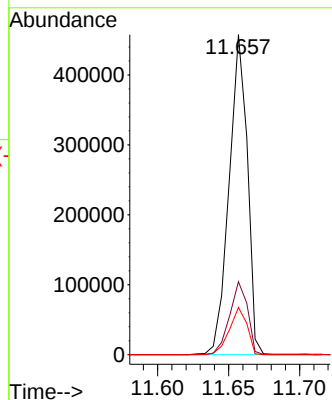
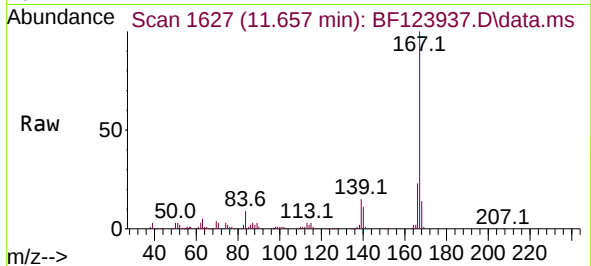
#73  
 Carbazole  
 Concen: 38.11 ng  
 RT: 11.657 min Scan# 1627  
 Delta R.T. 0.000 min  
 Lab File: BF123937.D  
 Acq: 15 May 2021 10:48

|             |              |
|-------------|--------------|
| Tgt Ion:167 | Resp: 408504 |
| Ion Ratio   | Lower Upper  |
| 167 100     |              |
| 166 22.8    | 17.0 25.6    |
| 139 14.7    | 10.4 15.6    |

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB136395BS

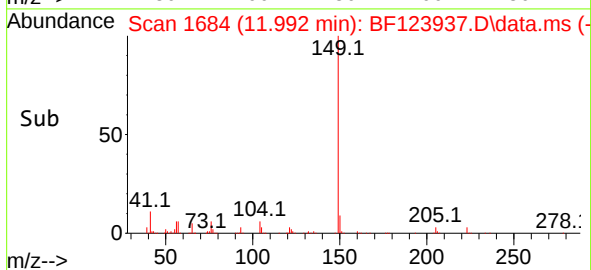
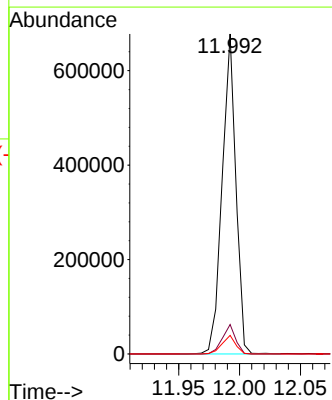
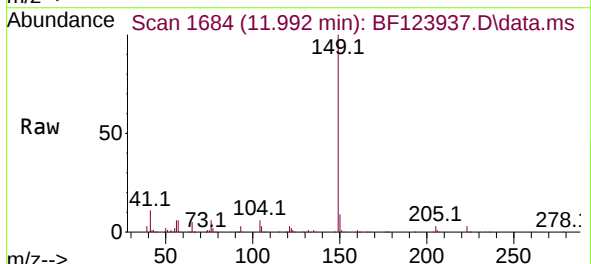
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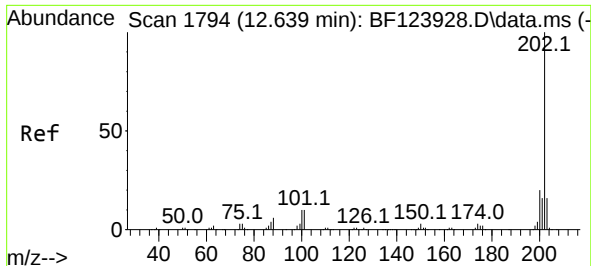
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 39.70 ng  
 RT: 11.992 min Scan# 1684  
 Delta R.T. 0.000 min  
 Lab File: BF123937.D  
 Acq: 15 May 2021 10:48

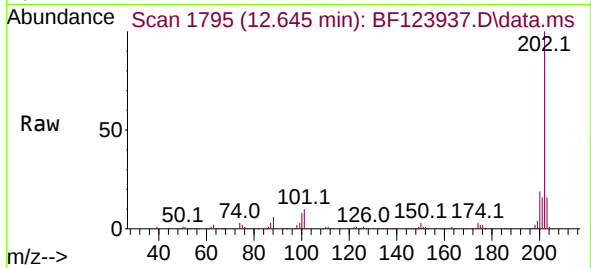
|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:149 | Resp: 532622 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 149 100     |              |       |  |
| 150 9.2     | 7.8          | 11.8  |  |
| 104 5.8     | 4.6          | 6.8   |  |





#75  
Fluoranthene  
Concen: 39.47 ng  
RT: 12.645 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

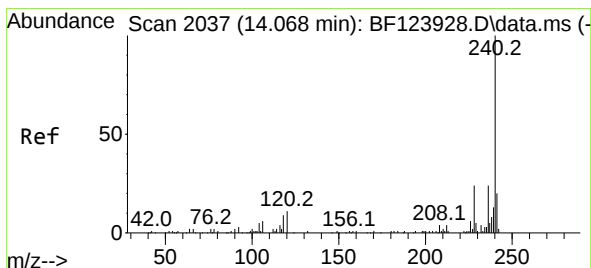
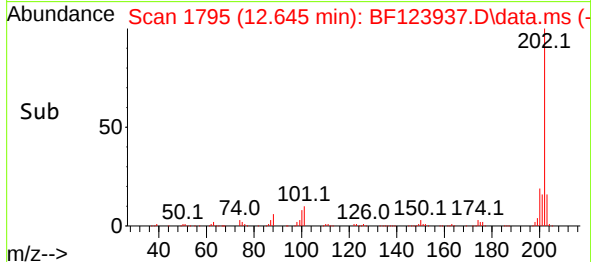
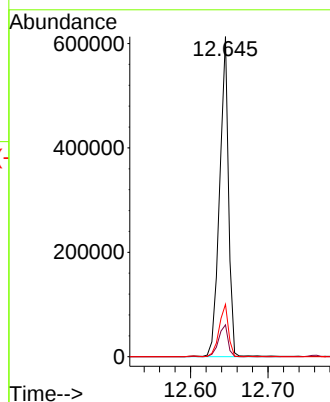
Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS



Tgt Ion:202 Resp: 494149  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.9  
203 16.4 0.0 37.5

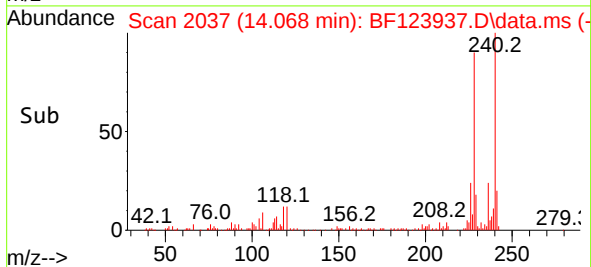
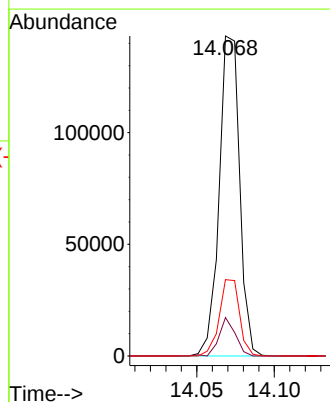
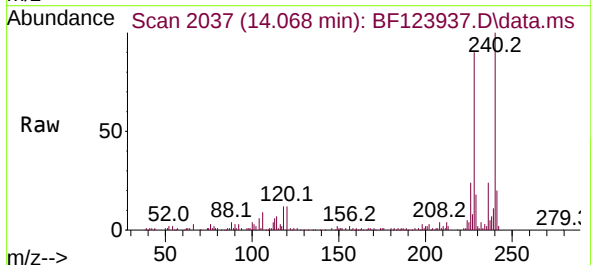
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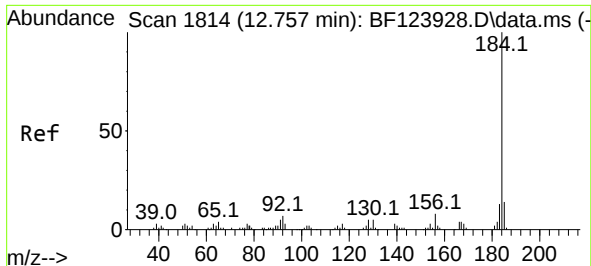
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

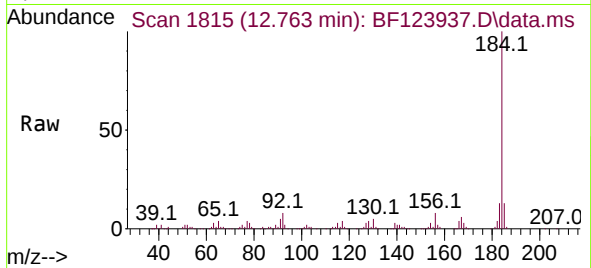
Tgt Ion:240 Resp: 131626  
Ion Ratio Lower Upper  
240 100  
120 12.0 7.2 10.8#  
236 23.8 19.0 28.4





#77  
Benzidine  
Concen: 72.52 ng  
RT: 12.763 min Scan# 1815  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

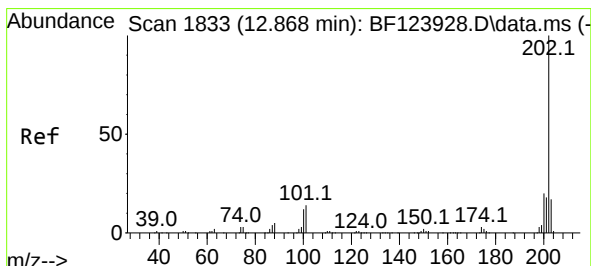
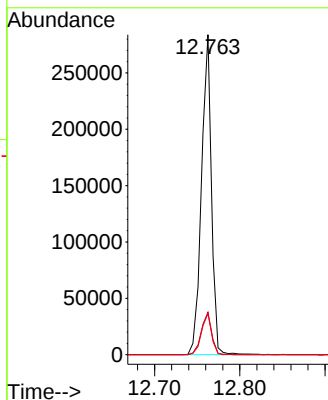
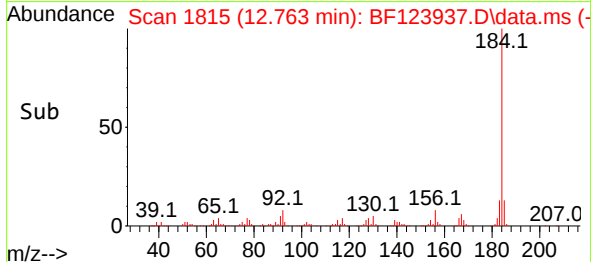
Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS



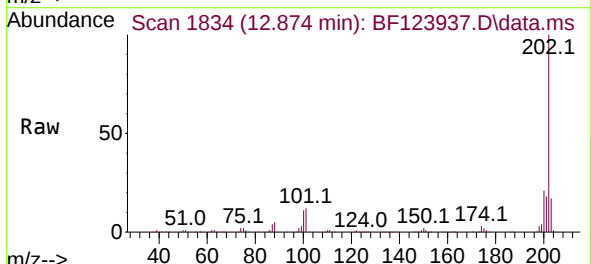
Tgt Ion:184 Resp: 230330  
Ion Ratio Lower Upper  
184 100  
185 13.3 12.1 18.1  
183 12.9 7.8 11.8#

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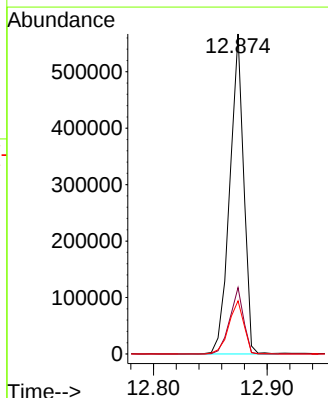
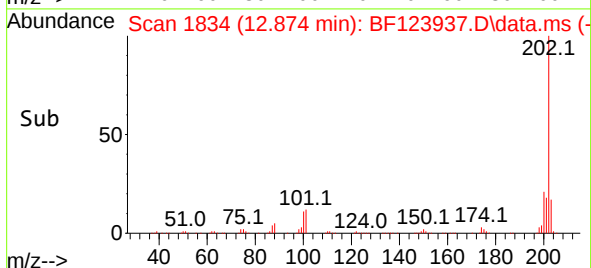
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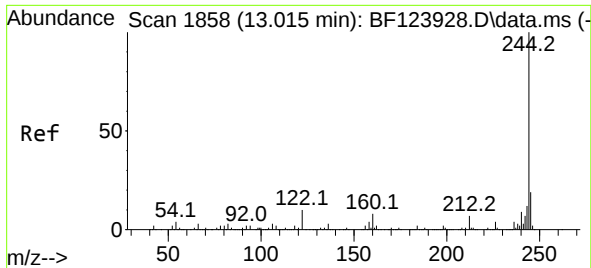


#78  
Pyrene  
Concen: 41.34 ng  
RT: 12.874 min Scan# 1834  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

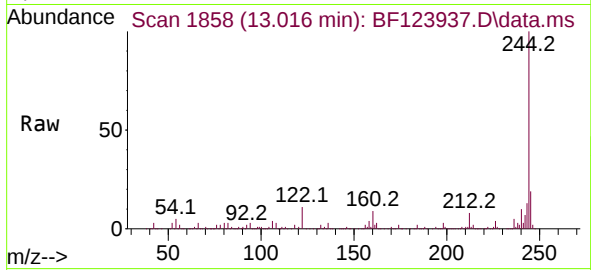


Tgt Ion:202 Resp: 483050  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.1 24.1  
203 16.6 14.8 22.2

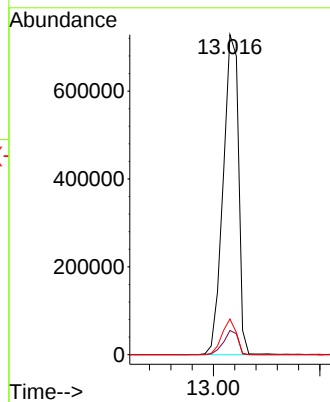
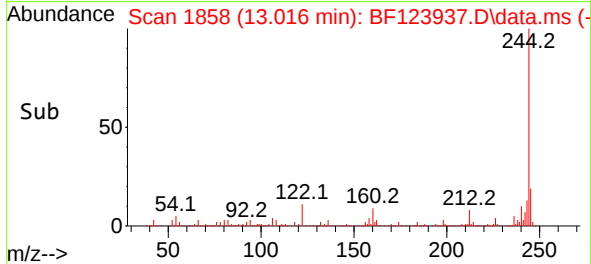




#79  
Terphenyl-d14  
Concen: 83.52 ng  
RT: 13.016 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



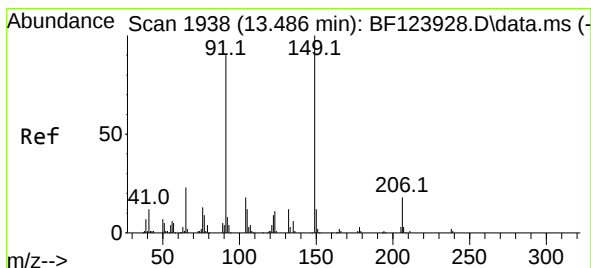
Tgt Ion:244 Resp: 725882  
Ion Ratio Lower Upper  
244 100  
212 7.6 5.7 8.5  
122 11.1 9.7 14.5



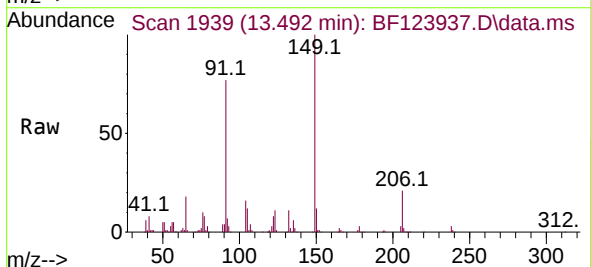
Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS

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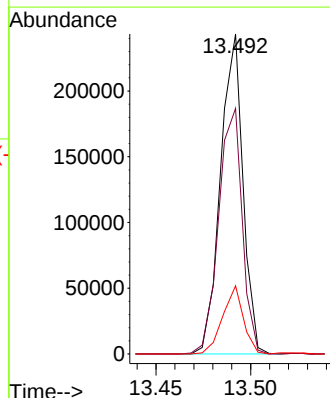
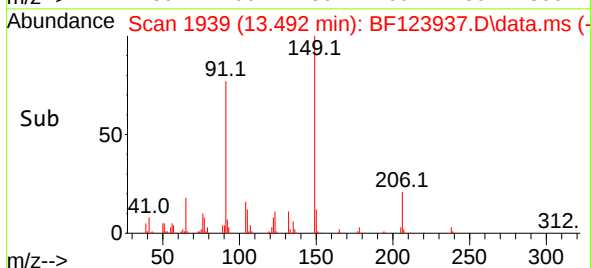
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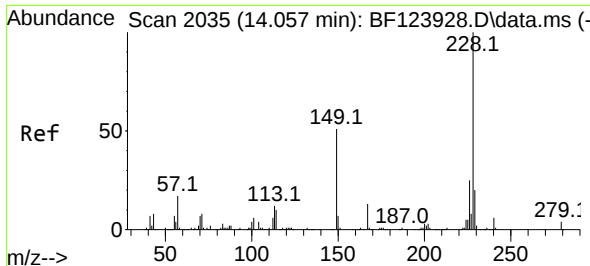


#80  
Butylbenzylphthalate  
Concen: 43.74 ng  
RT: 13.492 min Scan# 1939  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

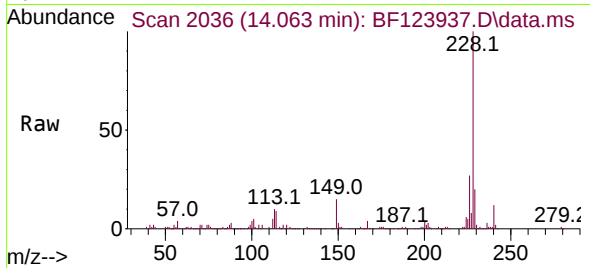


Tgt Ion:149 Resp: 200420  
Ion Ratio Lower Upper  
149 100  
91 76.7 63.6 95.4  
206 21.3 14.5 21.7





#81  
Benzo(a)anthracene  
Concen: 38.84 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

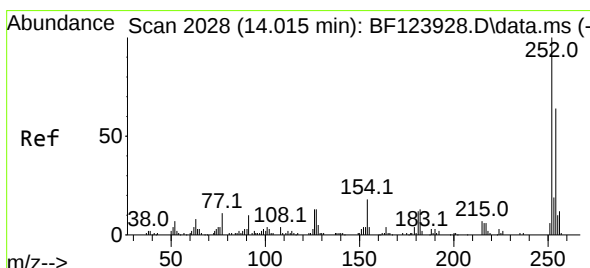
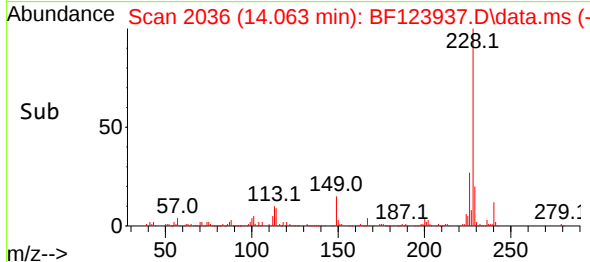
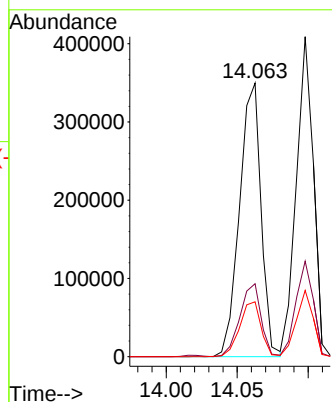


Tgt Ion:228 Resp: 369696  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.4 33.6  
229 20.1 16.0 24.0

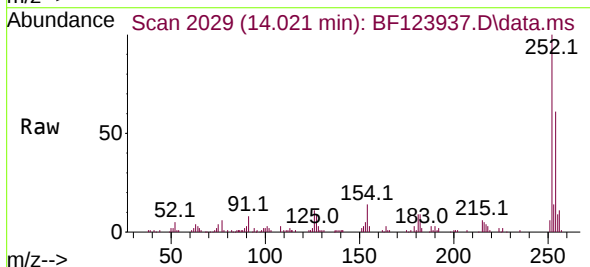
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ClientSampleId :  
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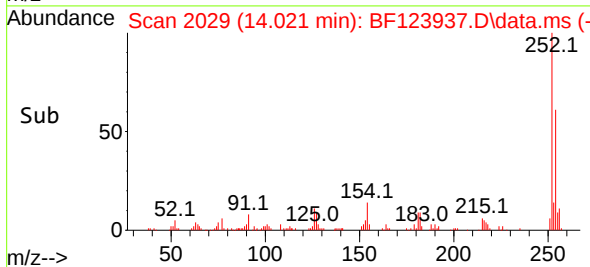
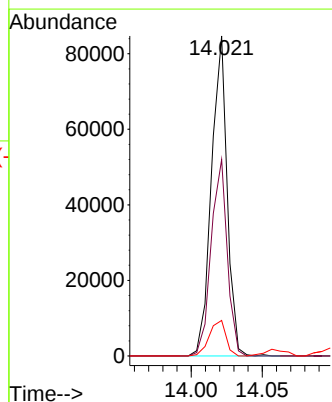
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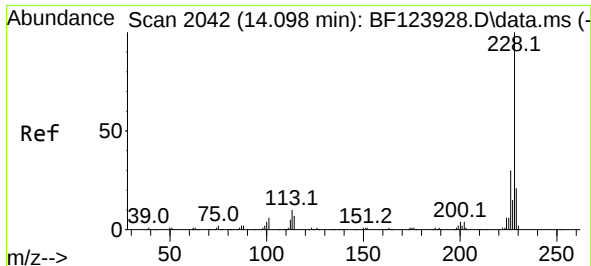


#82  
3,3'-Dichlorobenzidine  
Concen: 22.12 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

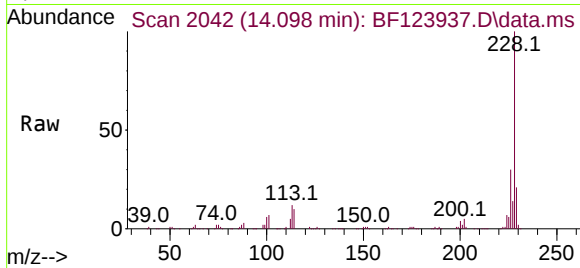


Tgt Ion:252 Resp: 65409  
Ion Ratio Lower Upper  
252 100  
254 61.4 51.1 76.7  
126 11.1 7.7 11.5

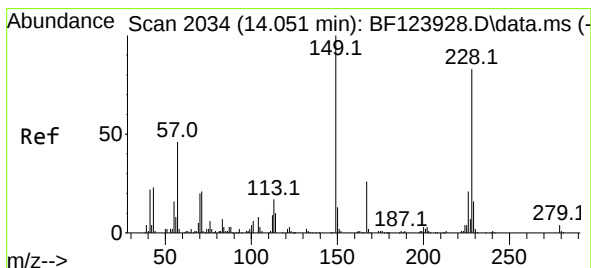
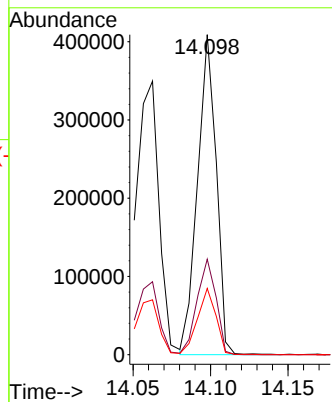
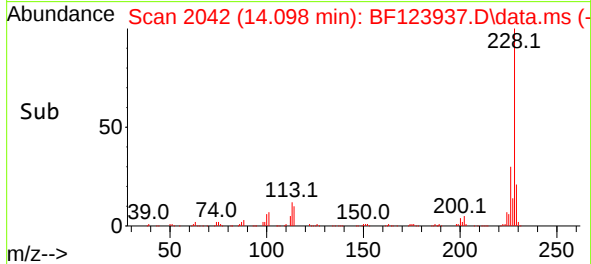




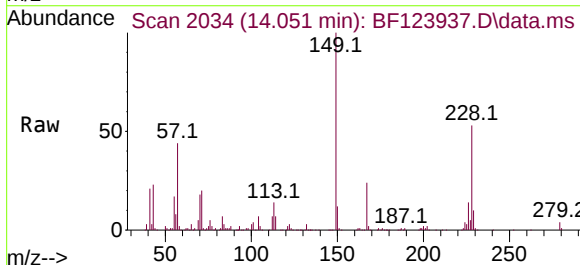
#83  
Chrysene  
Concen: 37.55 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



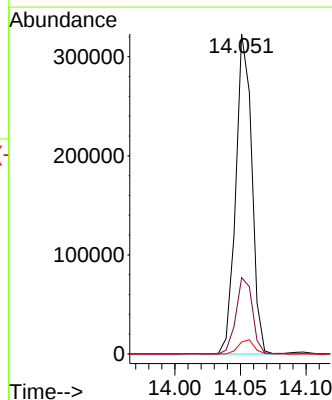
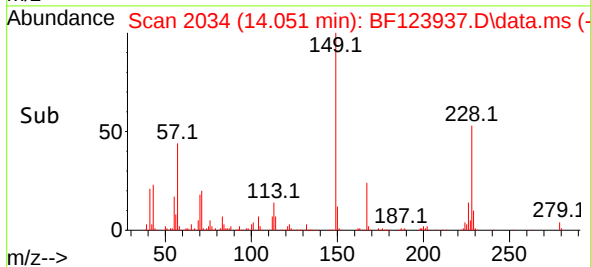
Tgt Ion:228 Resp: 343781  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.3 36.5  
229 20.7 16.2 24.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.54 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



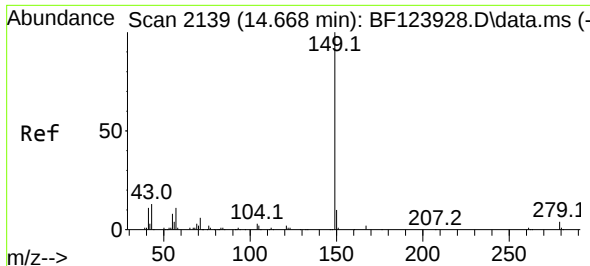
Tgt Ion:149 Resp: 275105  
Ion Ratio Lower Upper  
149 100  
167 23.8 21.8 32.6  
279 3.7 3.3 4.9



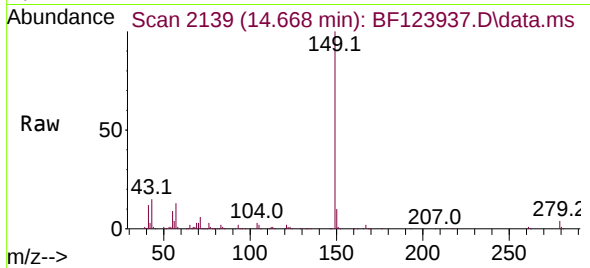
Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

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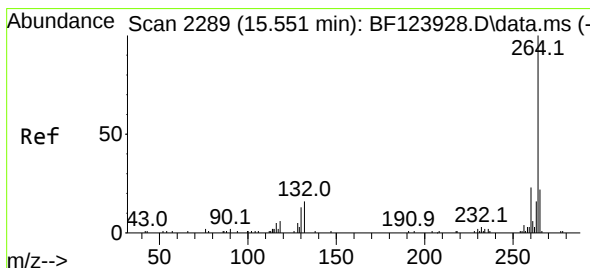
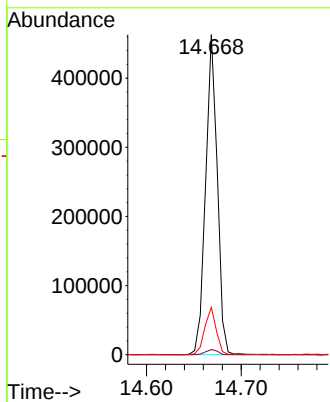
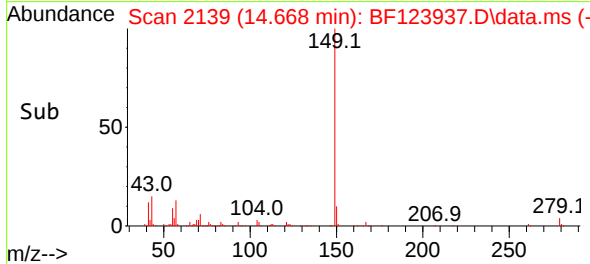
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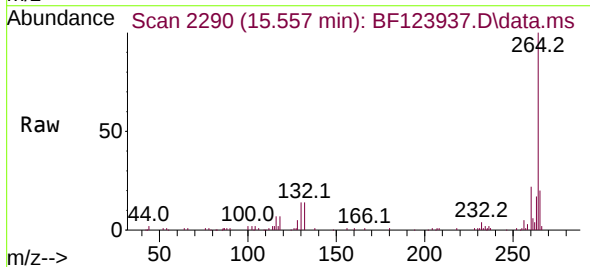
#85  
Di-n-octyl phthalate  
Concen: 40.39 ng  
RT: 14.668 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



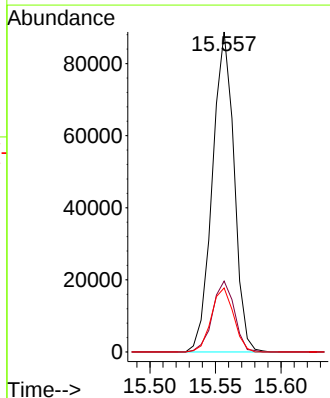
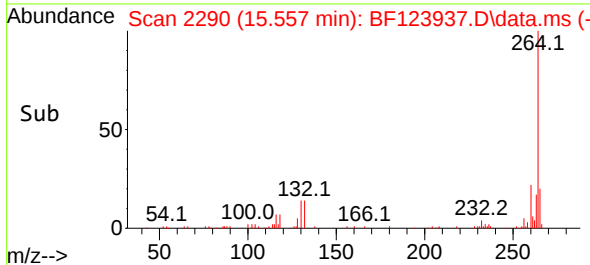
Tgt Ion:149 Resp: 394855  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 14.6 11.8 17.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.557 min Scan# 2290  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



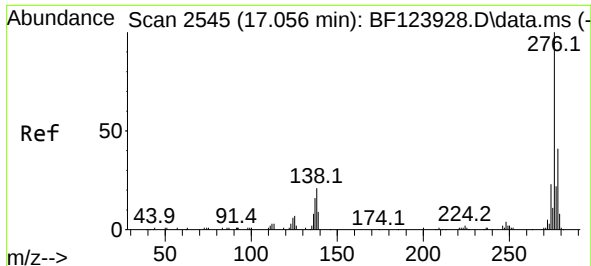
Tgt Ion:264 Resp: 101765  
Ion Ratio Lower Upper  
264 100  
260 22.1 18.7 28.1  
265 20.0 17.8 26.8



Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS

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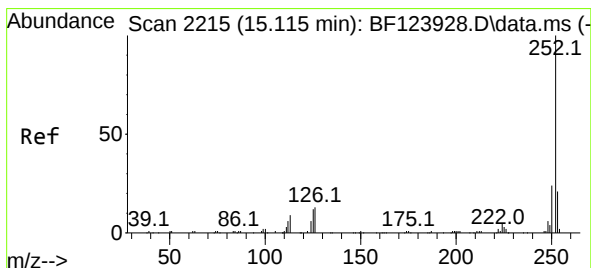
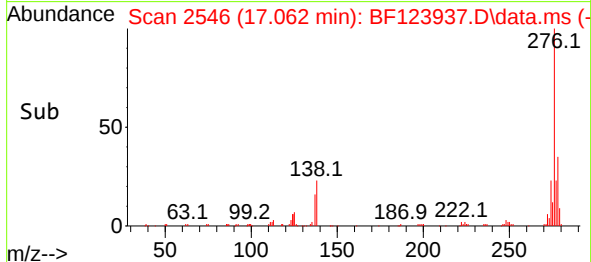
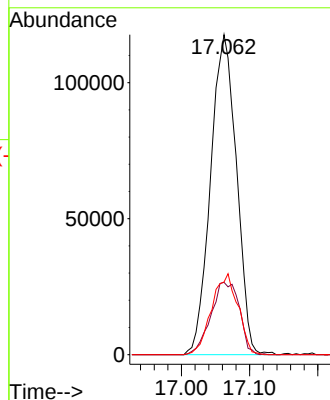
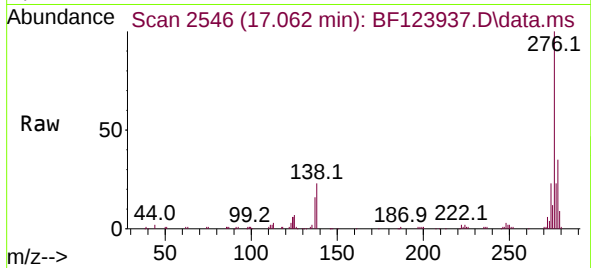
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.67 ng  
RT: 17.062 min Scan# 2546  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

Tgt Ion:276 Resp: 311741  
Ion Ratio Lower Upper  
276 100  
138 24.9 16.2 24.2#  
277 25.7 20.1 30.1

Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

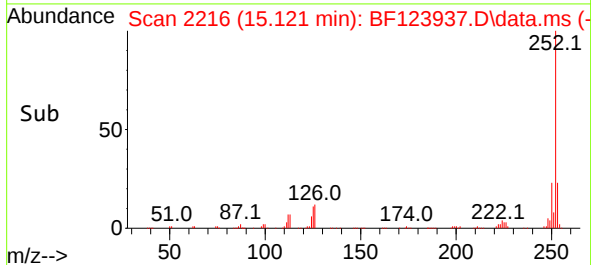
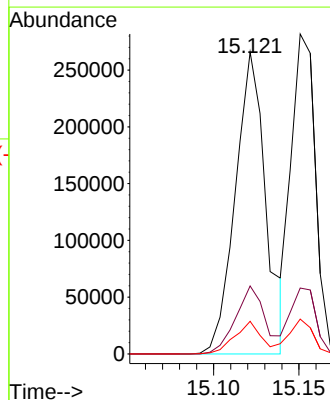
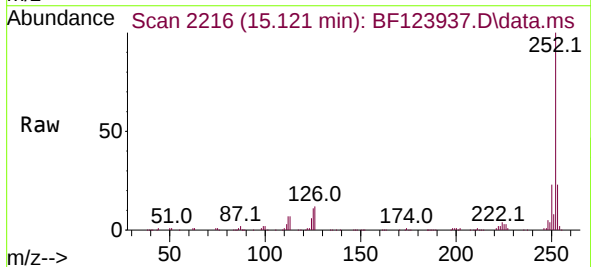
Manual Integrations  
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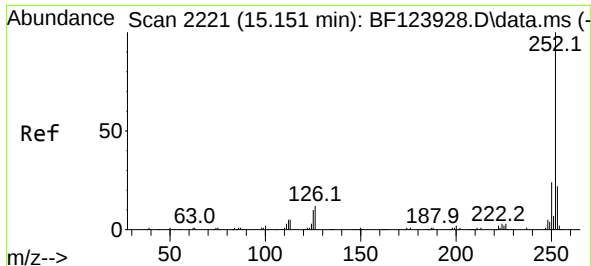
mohammad  
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#88  
Benzo(b)fluoranthene  
Concen: 42.02 ng  
RT: 15.121 min Scan# 2216  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

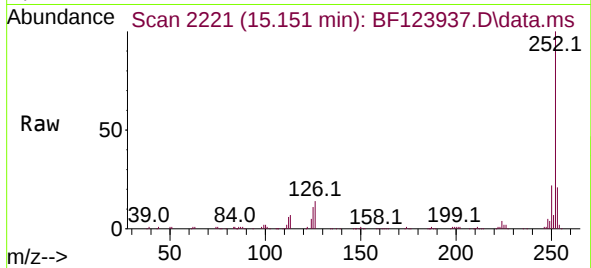
Tgt Ion:252 Resp: 330813  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.1 27.1  
125 10.8 6.2 9.4#





#89  
Benzo(k)fluoranthene  
Concen: 38.95 ng  
RT: 15.151 min Scan# 2221  
Delta R.T. 0.000 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

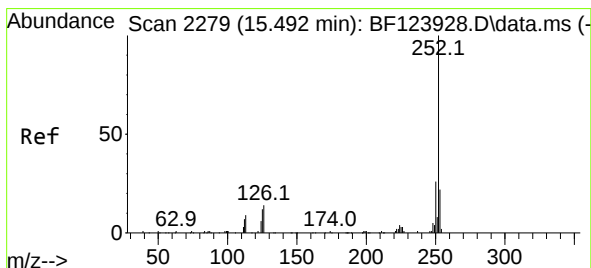
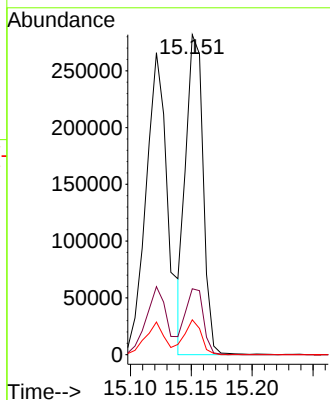
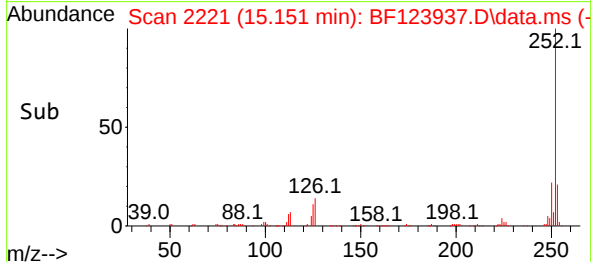
Instrument :  
BNA\_F  
ClientSampleId :  
PB136395BS



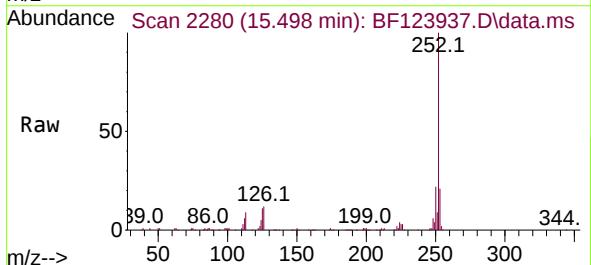
Tgt Ion:252 Resp: 279425  
Ion Ratio Lower Upper  
252 100  
253 20.6 17.9 26.9  
125 10.9 7.0 10.6#

Manual Integrations  
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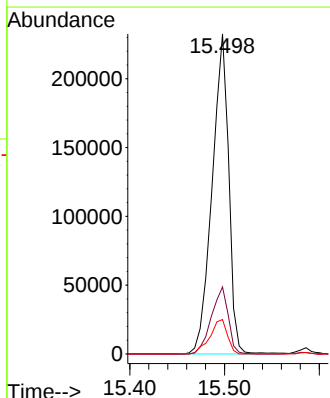
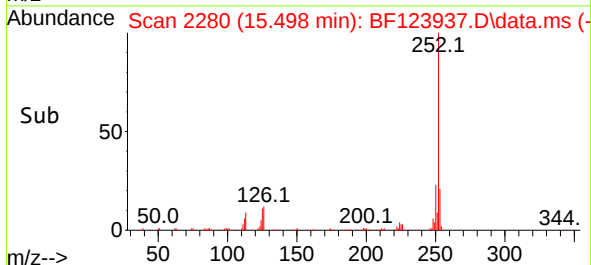
mohammad  
5/17/2021 11:22:54 AM

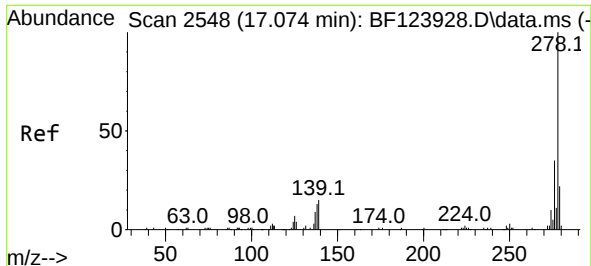


#90  
Benzo(a)pyrene  
Concen: 41.52 ng  
RT: 15.498 min Scan# 2280  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48

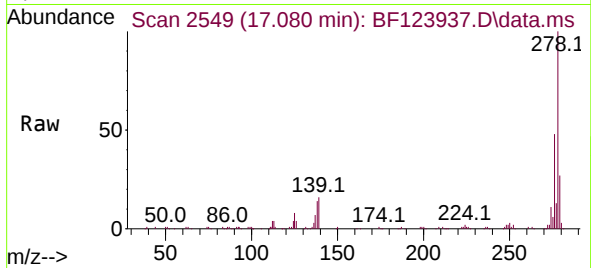


Tgt Ion:252 Resp: 282552  
Ion Ratio Lower Upper  
252 100  
253 21.0 18.4 27.6  
125 10.8 8.0 12.0

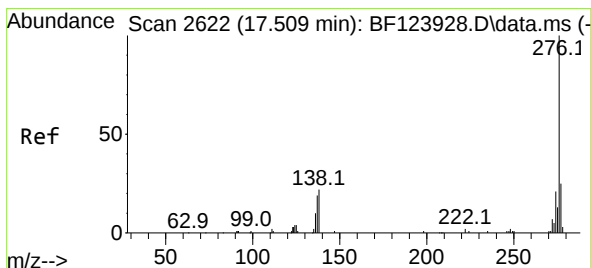
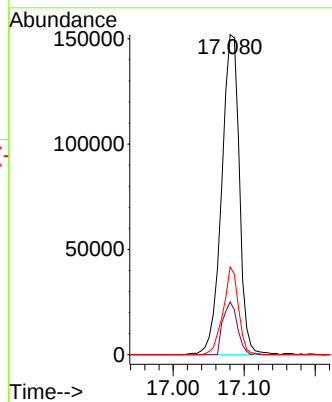
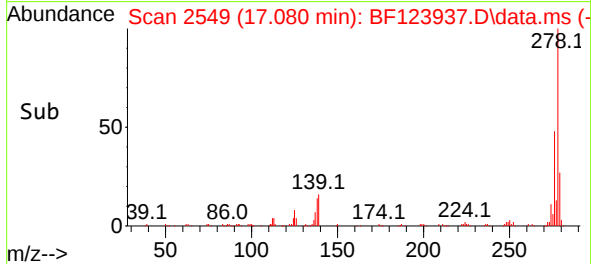




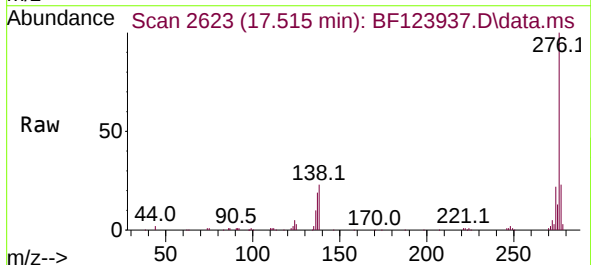
#91  
Dibenzo(a,h)anthracene  
Concen: 39.67 ng  
RT: 17.080 min Scan# 2549  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



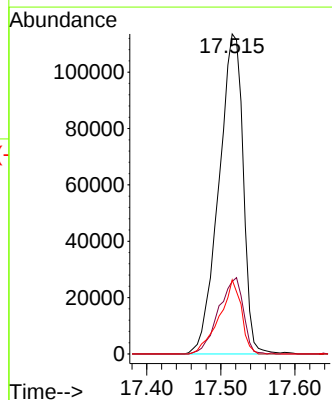
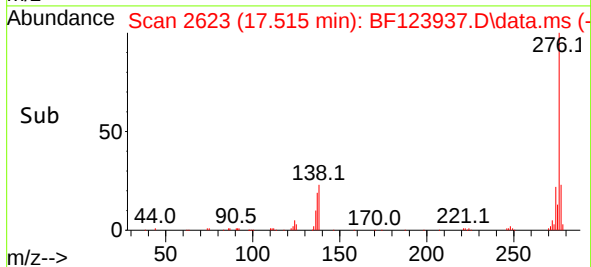
Tgt Ion:278 Resp: 262550  
Ion Ratio Lower Upper  
278 100  
139 16.4 10.2 15.2#  
279 27.5 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 38.92 ng  
RT: 17.515 min Scan# 2623  
Delta R.T. 0.006 min  
Lab File: BF123937.D  
Acq: 15 May 2021 10:48



Tgt Ion:276 Resp: 258318  
Ion Ratio Lower Upper  
276 100  
277 22.7 18.2 27.2  
138 23.1 13.8 20.6#



Instrument :  
BNA\_F  
ClientSampled :  
PB136395BS

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