

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050721\  
 Data File : BF123871.D  
 Acq On : 7 May 2021 17:44  
 Operator : JU/CG  
 Sample : PB136245BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB136245BSD

Manual Integrations  
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mohammad  
 5/10/2021 3:25:56 PM

Quant Time: May 07 18:23:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 07 13:43:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.775  | 152  | 167539   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 713260   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 353487   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.304 | 188  | 684726   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 431362   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.386 | 264  | 320564   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.410  | 112  | 798246   | 75.48 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.428  | 99   | 860354   | 59.06 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 1132367  | 71.67 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 367837   | 83.59 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 1732530  | 71.38 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 1729751  | 77.22 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 146692   | 25.75 | ng    | 95       |
| 3) Pyridine                   | 3.310  | 79   | 413779   | 29.72 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.269  | 42   | 304195   | 39.66 | ng    | 81       |
| 6) Aniline                    | 6.439  | 93   | 460111   | 27.31 | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.569  | 128  | 438965   | 38.59 | ng    | 97       |
| 9) Benzaldehyde               | 6.322  | 77   | 67219    | 9.53  | ng    | 97       |
| 10) Phenol                    | 6.439  | 94   | 564835   | 36.09 | ng    | # 70     |
| 11) bis(2-Chloroethyl)ether   | 6.516  | 93   | 459371   | 40.21 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.716  | 146  | 537204   | 46.74 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.792  | 146  | 551767   | 47.45 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.945  | 146  | 543853   | 48.16 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.928  | 79   | 533030   | 46.68 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 1187963  | 48.89 | ng    | 96       |
| 17) 2-Methylphenol            | 7.045  | 107  | 479697   | 49.48 | ng    | 93       |
| 18) Hexachloroethane          | 7.292  | 117  | 247955   | 53.87 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 448169   | 49.82 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 620683   | 50.32 | ng    | # 89     |
| 22) Acetophenone              | 7.192  | 105  | 879254   | 45.35 | ng    | # 96     |
| 24) Nitrobenzene              | 7.363  | 77   | 713305   | 43.34 | ng    | 98       |
| 25) Isophorone                | 7.604  | 82   | 1239545  | 41.84 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 307772   | 45.82 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 496714   | 47.08 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 714050   | 47.30 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 452459   | 43.51 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 489054   | 44.88 | ng    | 98       |
| 31) Naphthalene               | 8.086  | 128  | 1613084  | 43.92 | ng    | 100      |
| 32) Benzoic acid              | 7.863  | 122  | 329930   | 45.81 | ng    | 92       |
| 33) 4-Chloroaniline           | 8.133  | 127  | 390636   | 25.49 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.204  | 225  | 301293   | 45.37 | ng    | 98       |
| 35) Caprolactam               | 8.510  | 113  | 153449m  | 42.03 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 576957   | 44.47 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 1067557  | 44.60 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 995719   | 44.26 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.945  | 216  | 462686   | 44.48 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.933  | 237  | 441934   | 97.53 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 307018   | 42.85 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050721\  
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 Sample : PB136245BSD  
 Misc :  
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Instrument :  
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

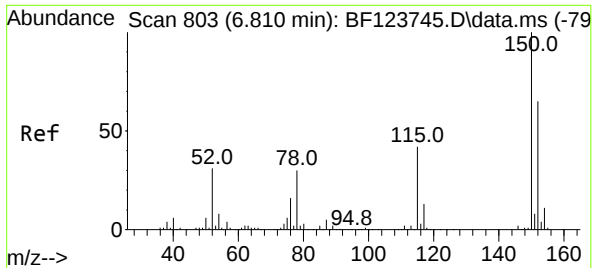
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Quant Time: May 07 18:23:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 07 13:43:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.110  | 196  | 336710   | 43.80 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 1249207  | 43.14 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 947654   | 43.40 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.369  | 65   | 423384   | 44.02 | ng    | 98       |
| 49) Acenaphthylene            | 9.680  | 152  | 1538044  | 43.64 | ng    | 99       |
| 50) Dimethylphthalate         | 9.551  | 163  | 1088299  | 43.71 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.610  | 165  | 247834   | 43.06 | ng    | 92       |
| 52) Acenaphthene              | 9.857  | 154  | 927377   | 43.19 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.774  | 138  | 213208   | 31.01 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.886  | 184  | 277117   | 90.65 | ng    | 94       |
| 55) Dibenzofuran              | 10.027 | 168  | 1360549  | 41.89 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.957  | 139  | 377175   | 75.33 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 326594   | 41.62 | ng    | 94       |
| 58) Fluorene                  | 10.369 | 166  | 1092057  | 43.75 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232  | 273081   | 44.86 | ng    | 96       |
| 60) Diethylphthalate          | 10.245 | 149  | 1168787  | 44.10 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204  | 499177   | 42.91 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 273747   | 40.18 | ng    | 96       |
| 63) Azobenzene                | 10.522 | 77   | 1226685  | 40.27 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.422 | 198  | 182082   | 42.92 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.480 | 169  | 946136   | 42.24 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.851 | 248  | 317507   | 44.03 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.916 | 284  | 361729   | 44.07 | ng    | 97       |
| 69) Atrazine                  | 11.010 | 200  | 248427   | 36.69 | ng    | 99       |
| 70) Pentachlorophenol         | 11.116 | 266  | 352858   | 84.36 | ng    | 97       |
| 71) Phenanthrene              | 11.333 | 178  | 1532521  | 42.67 | ng    | 100      |
| 72) Anthracene                | 11.380 | 178  | 1560433  | 43.70 | ng    | 99       |
| 73) Carbazole                 | 11.539 | 167  | 1466874  | 40.64 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.868 | 149  | 1775709  | 43.82 | ng    | 99       |
| 75) Fluoranthene              | 12.515 | 202  | 1615199  | 41.23 | ng    | 99       |
| 77) Benzidine                 | 12.639 | 184  | 394752   | 35.34 | ng    | 98       |
| 78) Pyrene                    | 12.745 | 202  | 1583870  | 47.30 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.368 | 149  | 672501   | 47.01 | ng    | 93       |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 1109900  | 42.46 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.898 | 252  | 289349   | 36.04 | ng    | 95       |
| 83) Chrysene                  | 13.974 | 228  | 1080376  | 41.08 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.927 | 149  | 781614   | 43.98 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.539 | 149  | 1164767  | 40.99 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.821 | 276  | 1057102  | 56.62 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.974 | 252  | 943553   | 43.68 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.004 | 252  | 921161   | 44.68 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.327 | 252  | 822162   | 44.51 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.833 | 278  | 878019   | 55.70 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.250 | 276  | 910170   | 57.65 | ng    | 99       |

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





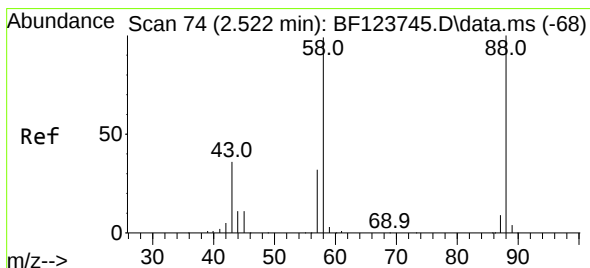
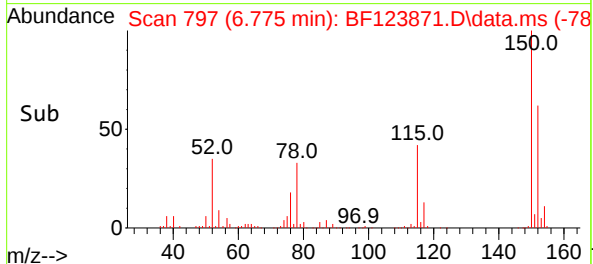
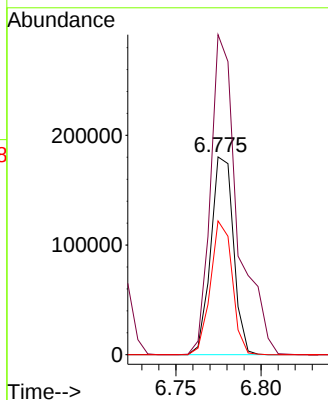
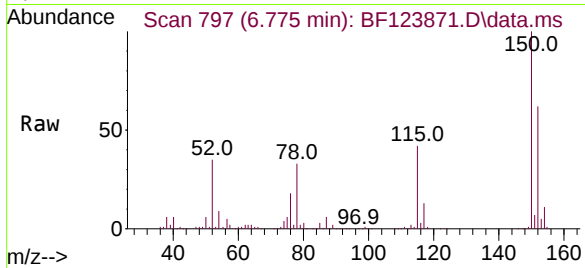
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.775 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 152 Resp: 167539  
Ion Ratio Lower Upper  
152 100  
150 161.8 127.0 190.6  
115 67.6 54.3 81.5

Instrument :  
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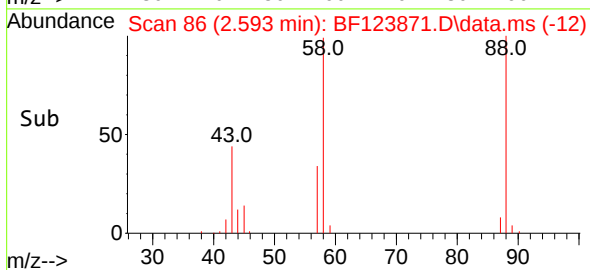
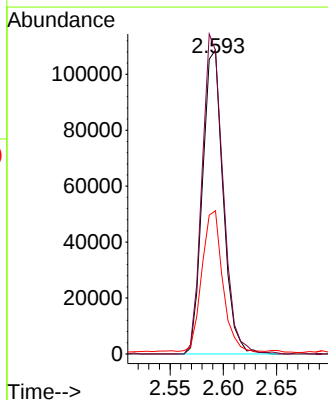
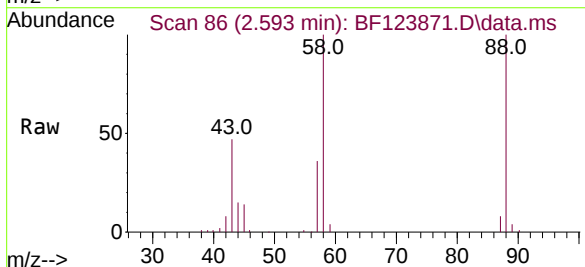
Manual Integrations  
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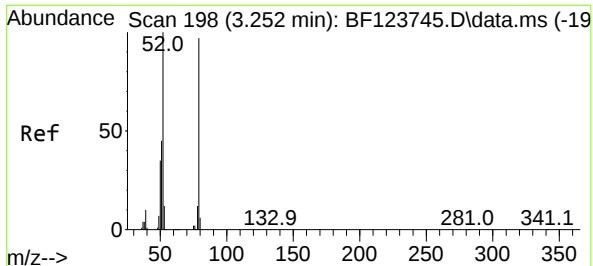
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#2  
1,4-Dioxane  
Concen: 25.75 ng  
RT: 2.593 min Scan# 86  
Delta R.T. 0.135 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 88 Resp: 146692  
Ion Ratio Lower Upper  
88 100  
58 107.2 83.8 125.8  
43 47.6 32.2 48.4





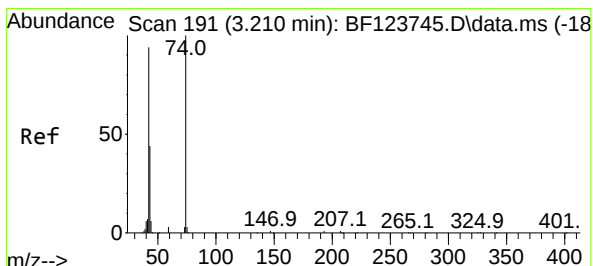
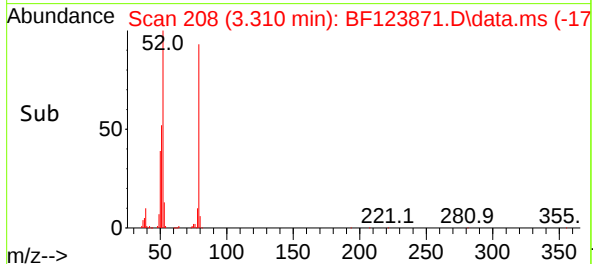
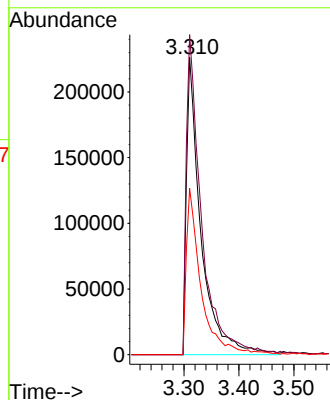
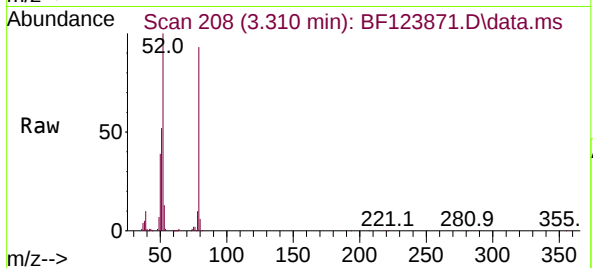
#3  
Pyridine  
Concen: 29.72 ng  
RT: 3.310 min Scan# 208  
Delta R.T. 0.124 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 79 Resp: 413779  
Ion Ratio Lower Upper  
79 100  
52 107.7 87.4 131.0  
51 56.0 41.4 62.0

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

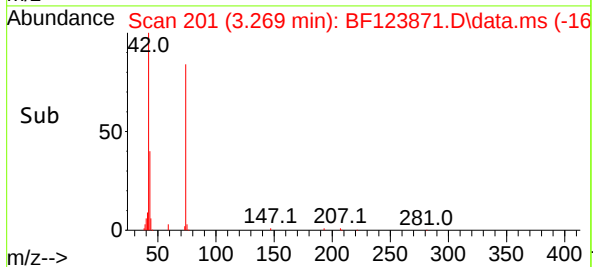
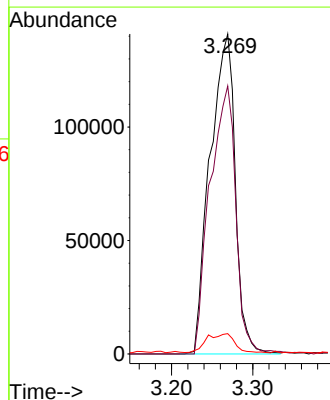
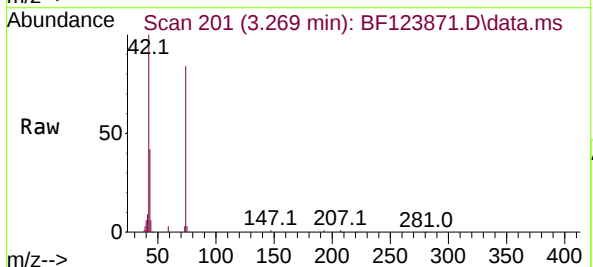
Manual Integrations  
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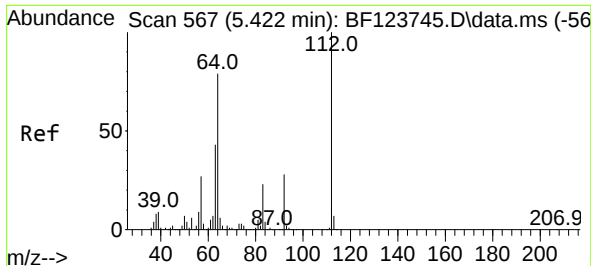
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#4  
n-Nitrosodimethylamine  
Concen: 39.66 ng  
RT: 3.269 min Scan# 201  
Delta R.T. 0.135 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

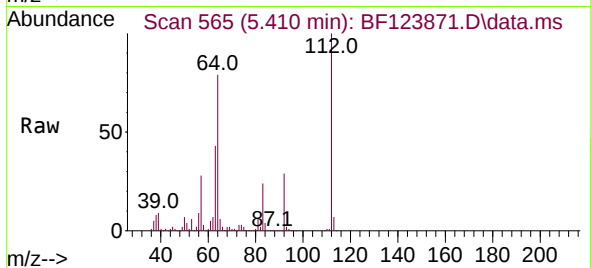
Tgt Ion: 42 Resp: 304195  
Ion Ratio Lower Upper  
42 100  
74 83.7 83.5 125.3  
44 6.3 5.7 8.5





#5  
2-Fluorophenol  
Concen: 75.48 ng  
RT: 5.410 min Scan# 565  
Delta R.T. 0.012 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

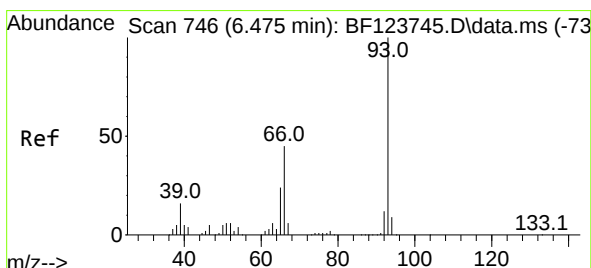
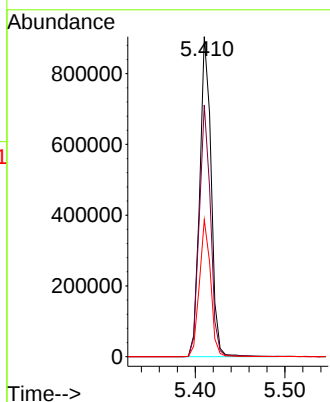
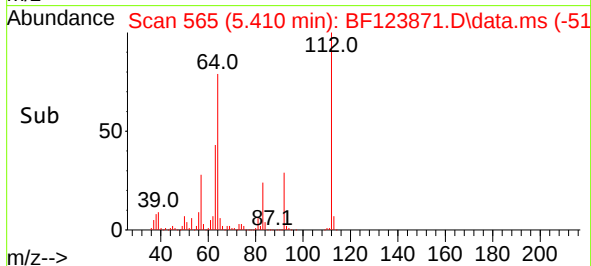
Instrument :  
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ClientSampleId :  
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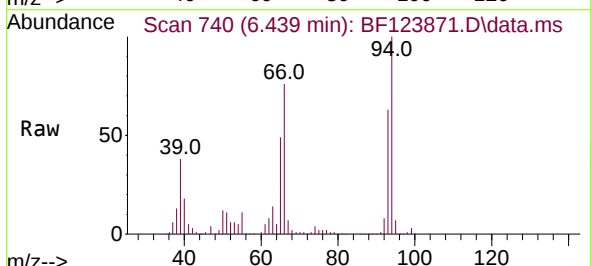
Tgt Ion:112 Resp: 798246  
Ion Ratio Lower Upper  
112 100  
64 78.6 61.4 92.0  
63 42.8 33.0 49.4

Manual Integrations  
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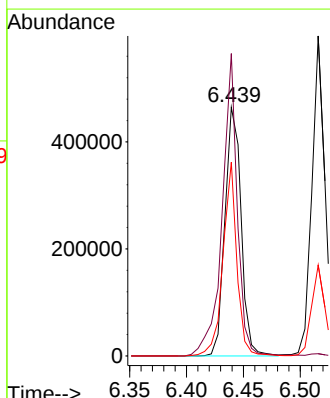
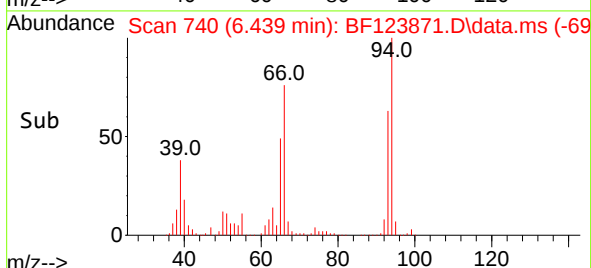
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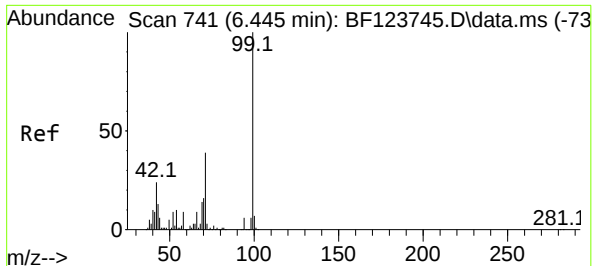


#6  
Aniline  
Concen: 27.31 ng  
RT: 6.439 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



Tgt Ion: 93 Resp: 460111  
Ion Ratio Lower Upper  
93 100  
66 121.6 36.4 54.6#  
65 77.9 19.4 29.0#





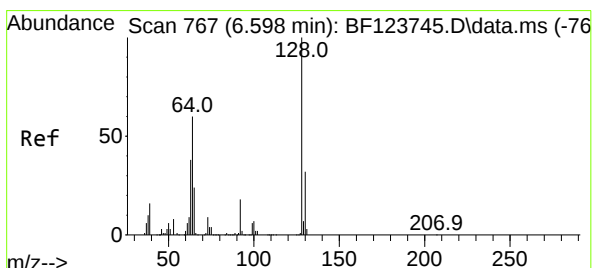
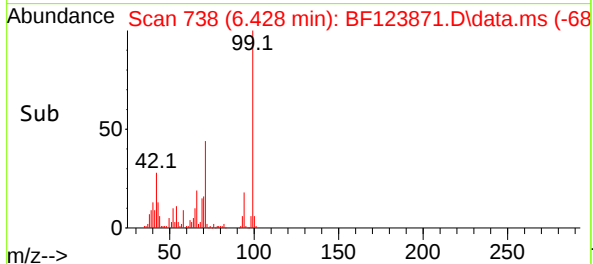
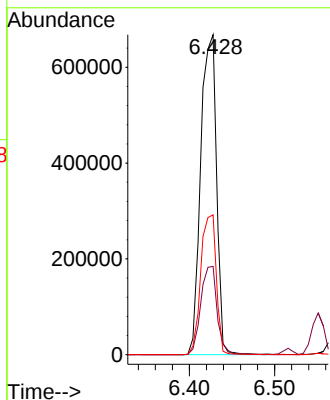
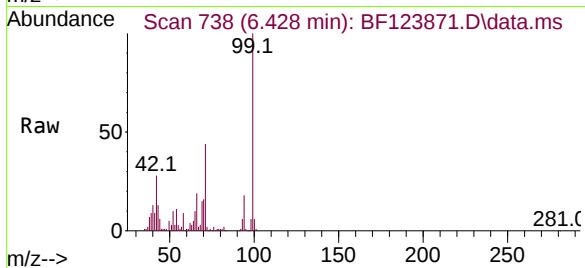
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Phenol-d6  
Concen: 59.06 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 99 Resp: 860354  
Ion Ratio Lower Upper  
99 100  
42 27.6 19.8 29.8  
71 43.7 31.1 46.7

Instrument :  
BNA\_F  
ClientSampleId :  
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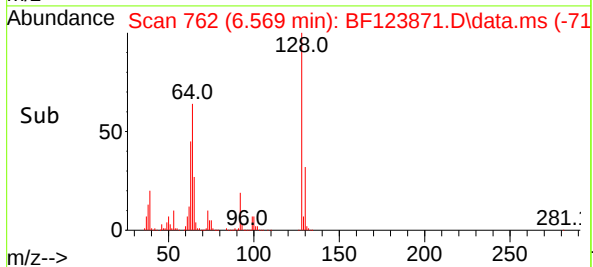
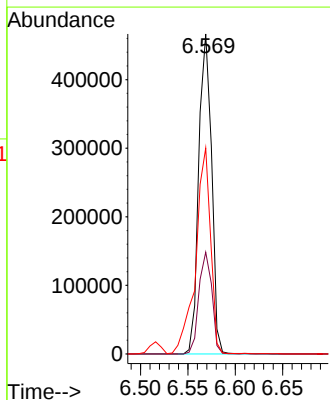
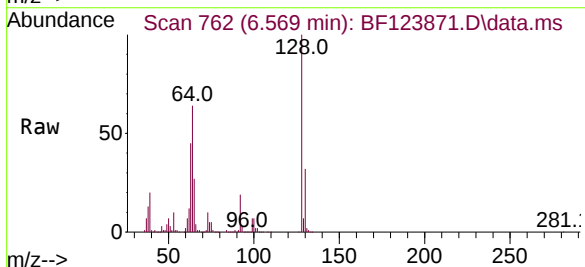
Manual Integrations  
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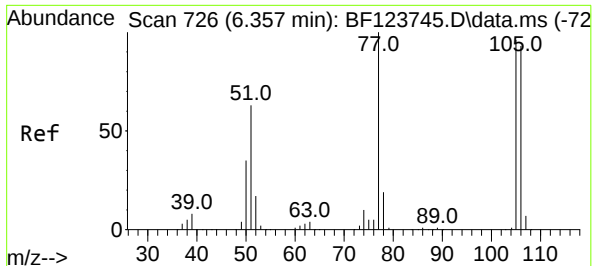
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#8  
2-Chlorophenol  
Concen: 38.59 ng  
RT: 6.569 min Scan# 762  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 128 Resp: 438965  
Ion Ratio Lower Upper  
128 100  
130 31.8 12.6 52.6  
64 64.4 41.5 81.5





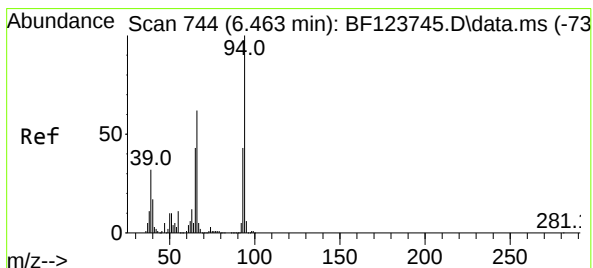
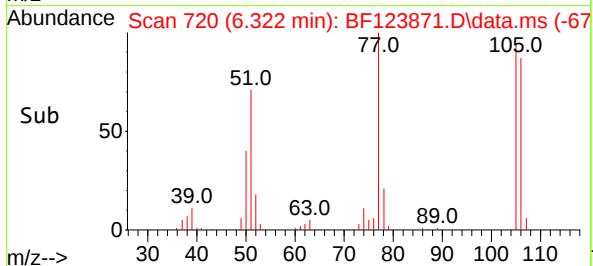
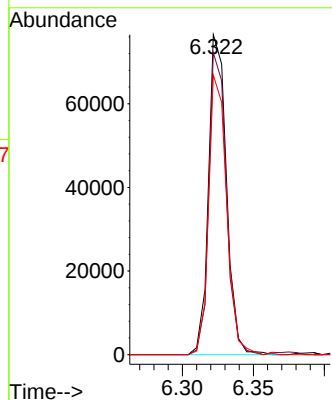
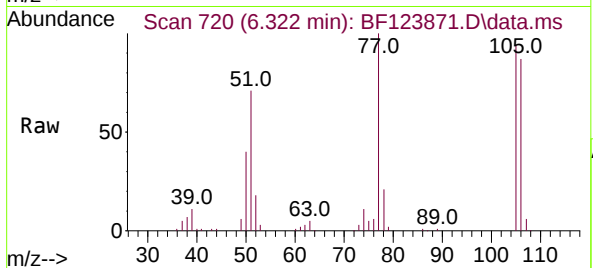
#9  
Benzaldehyde  
Concen: 9.53 ng  
RT: 6.322 min Scan# 720  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 67219 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 94.4  | 75.2  | 115.2 |
| 106      | 87.4  | 71.6  | 111.6 |

Instrument :  
BNA\_F  
ClientSampleId :  
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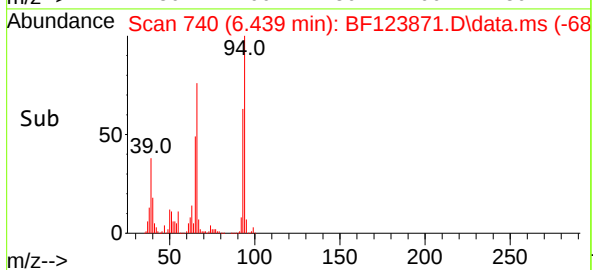
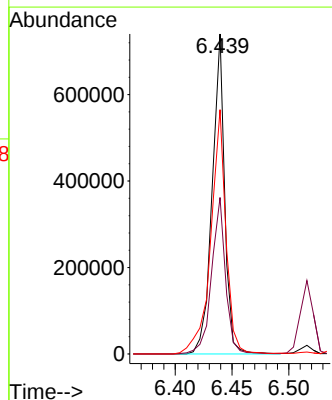
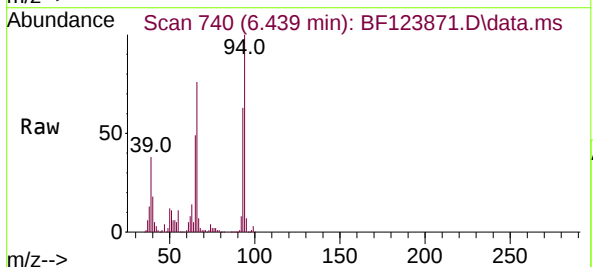
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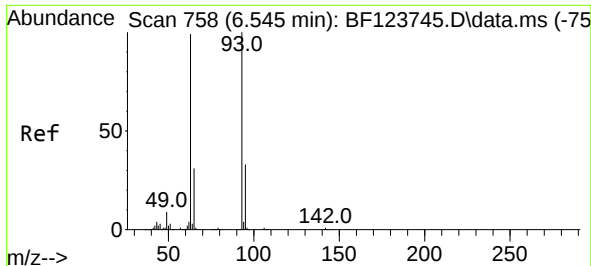
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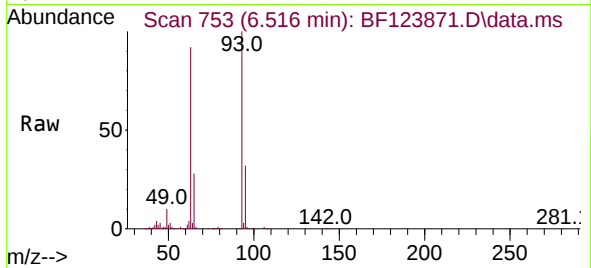
#10  
Phenol  
Concen: 36.09 ng  
RT: 6.439 min Scan# 740  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 564835 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 48.9  | 18.1  | 58.1   |
| 66       | 76.3  | 29.0  | 69.0#  |

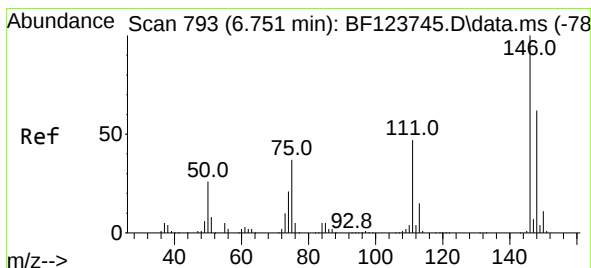
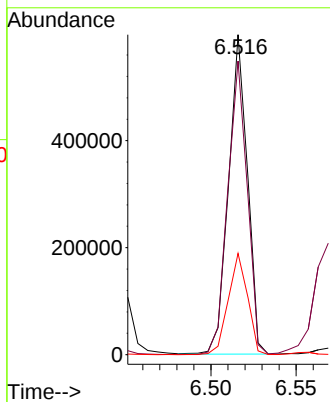
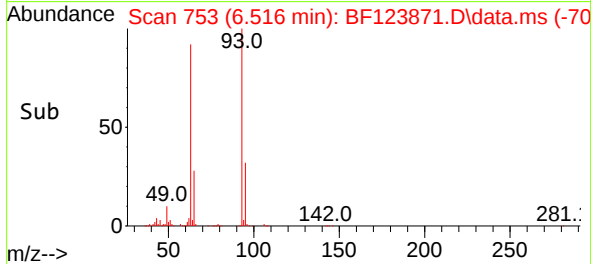




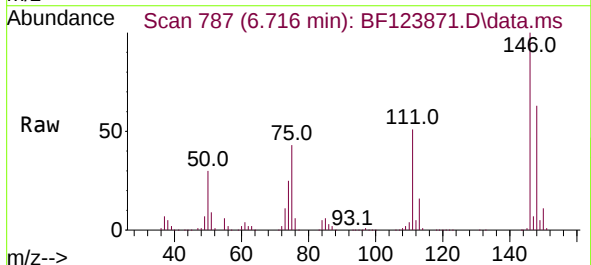
#11  
bis(2-Chloroethyl)ether  
Concen: 40.21 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



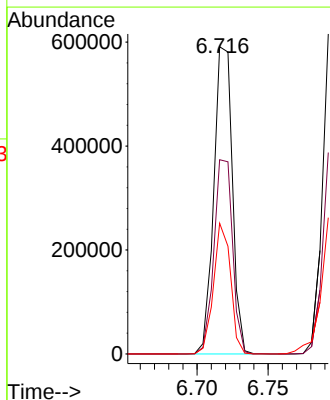
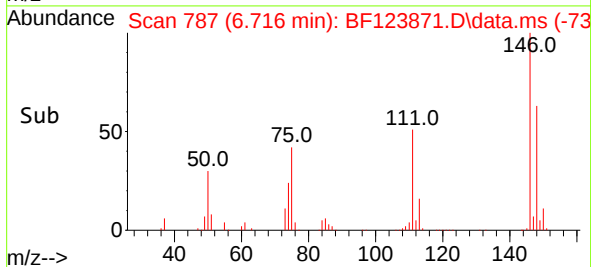
Tgt Ion: 93 Resp: 459371  
Ion Ratio Lower Upper  
93 100  
63 91.8 76.1 116.1  
95 31.6 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 46.74 ng  
RT: 6.716 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



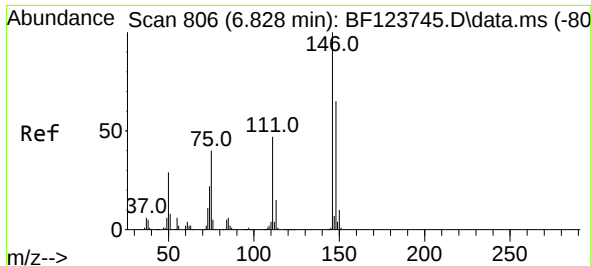
Tgt Ion: 146 Resp: 537204  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.9 76.3  
75 42.6 34.2 51.4



Instrument :  
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ClientSampleId :  
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#13

1,4-Dichlorobenzene

Concen: 47.45 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF123871.D

Acq: 7 May 2021 17:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 551767 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.0  | 49.9  | 74.9   |
| 111       | 47.1  | 39.5  | 59.3   |

Instrument :

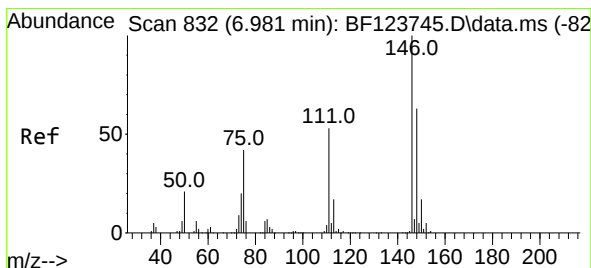
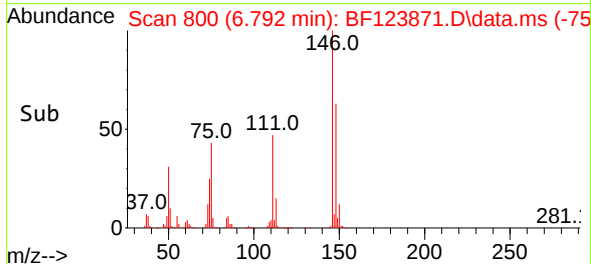
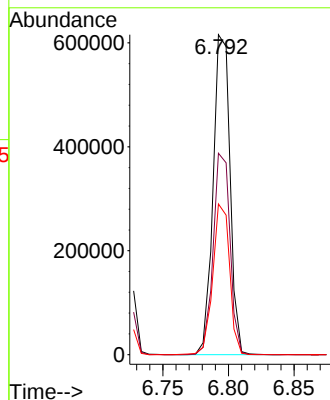
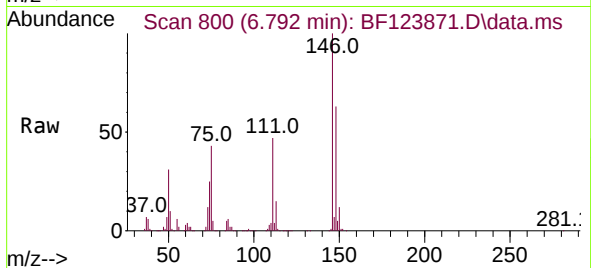
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ClientSampleId :

PB136245BSD

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#14

1,2-Dichlorobenzene

Concen: 48.16 ng

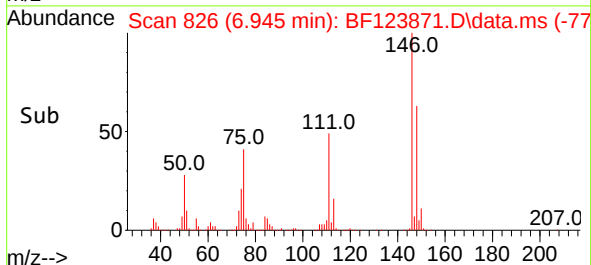
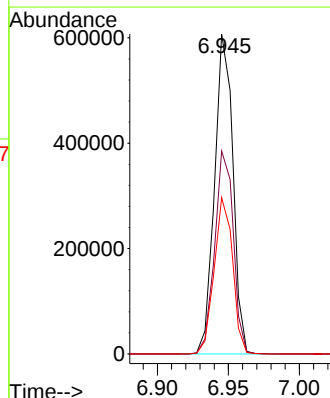
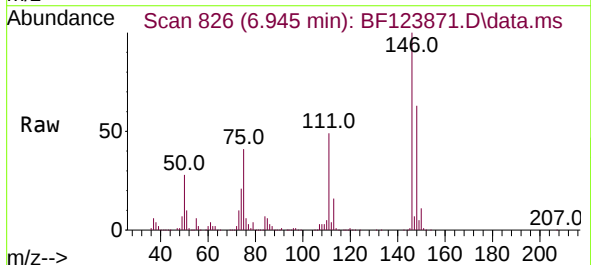
RT: 6.945 min Scan# 826

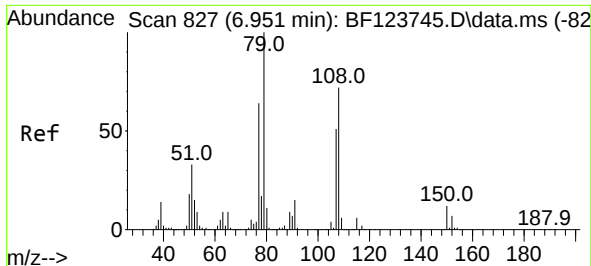
Delta R.T. -0.006 min

Lab File: BF123871.D

Acq: 7 May 2021 17:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 543853 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 51.6  | 77.4   |
| 111       | 48.8  | 38.4  | 57.6   |





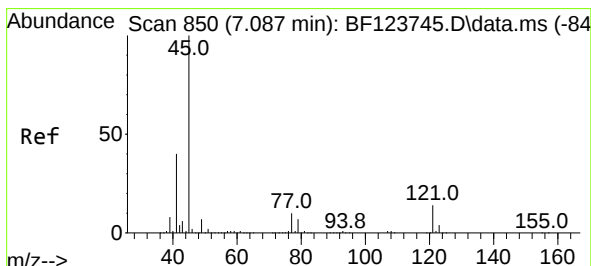
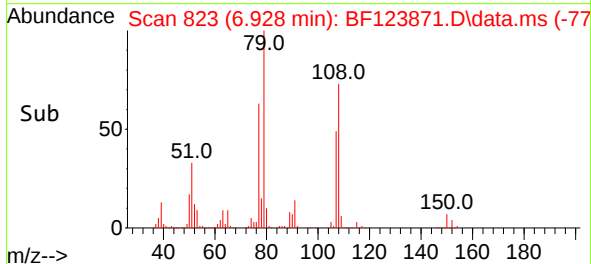
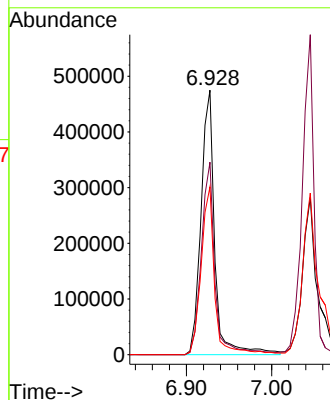
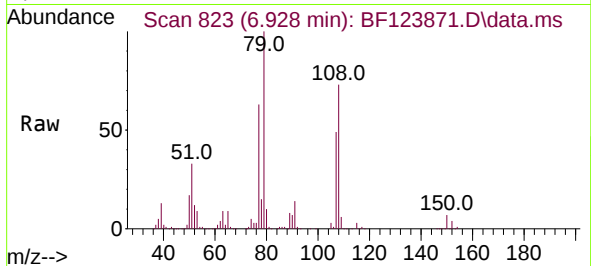
#15  
Benzyl Alcohol  
Concen: 46.68 ng  
RT: 6.928 min Scan# 823  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 79 Resp: 533030  
Ion Ratio Lower Upper  
79 100  
108 72.8 55.8 83.8  
77 63.5 49.9 74.9

Instrument :  
BNA\_F  
ClientSampleId :  
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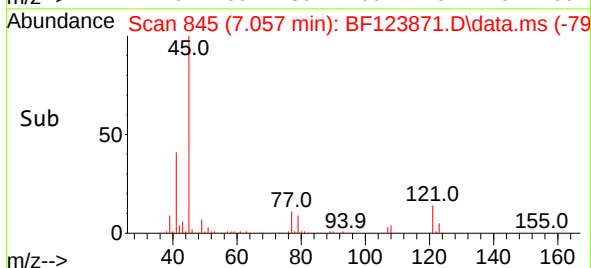
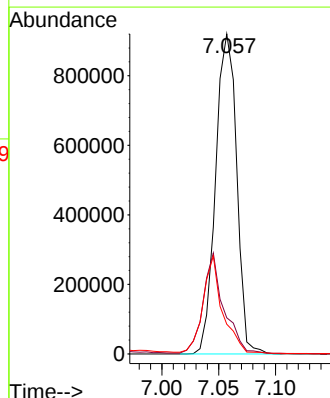
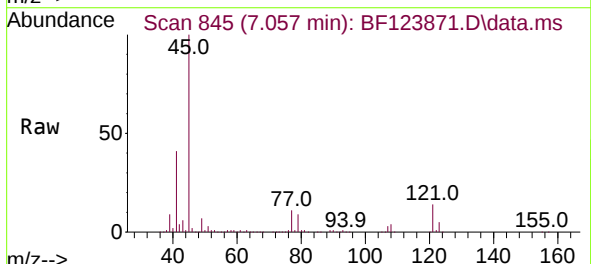
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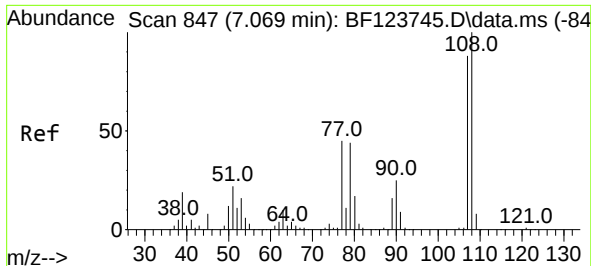
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.89 ng  
RT: 7.057 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 45 Resp: 1187963  
Ion Ratio Lower Upper  
45 100  
77 11.3 0.0 30.0  
79 9.3 0.0 27.3





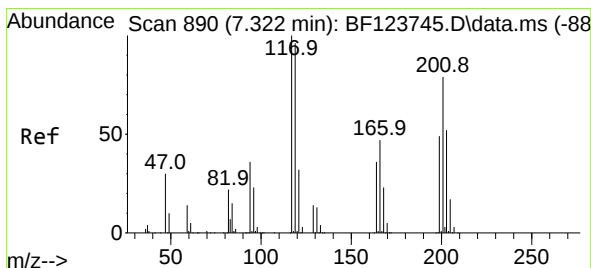
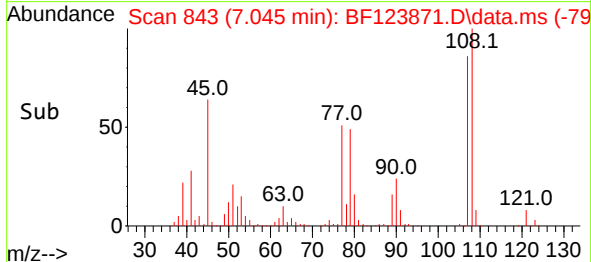
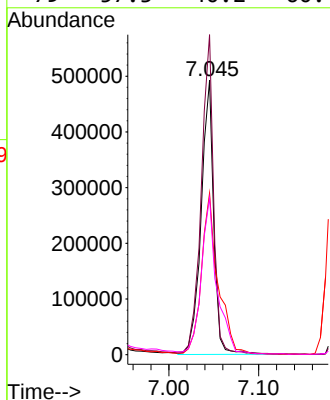
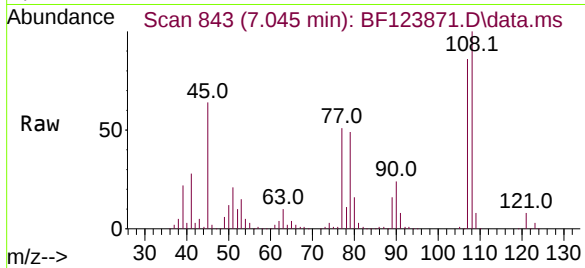
#17  
2-Methylphenol  
Concen: 49.48 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 116.7 | 89.8  | 134.8 |
| 77      | 58.9  | 40.9  | 61.3  |
| 79      | 57.3  | 40.2  | 60.4  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

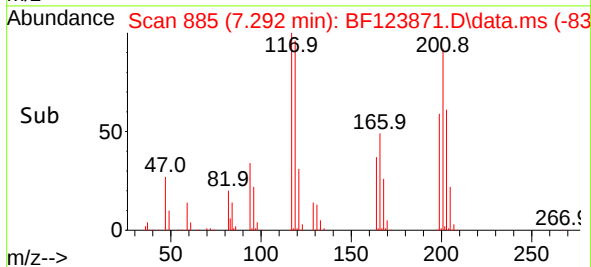
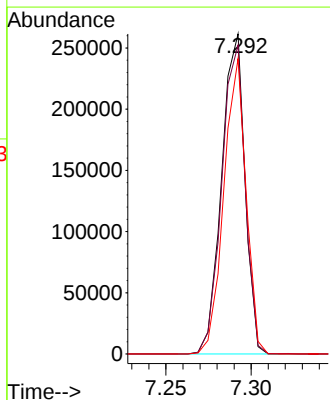
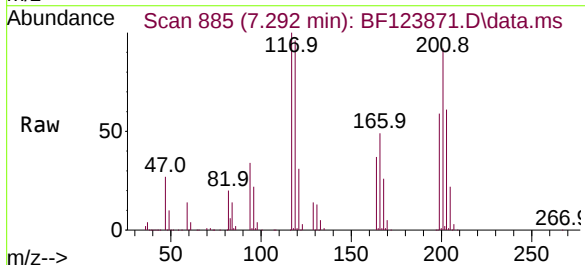
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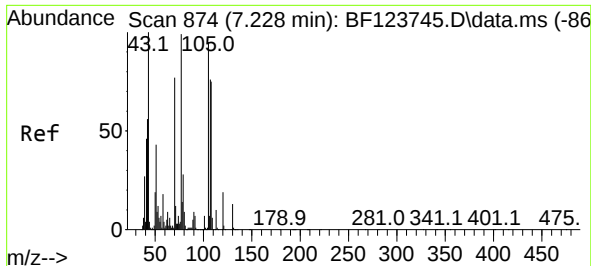
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#18  
Hexachloroethane  
Concen: 53.87 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

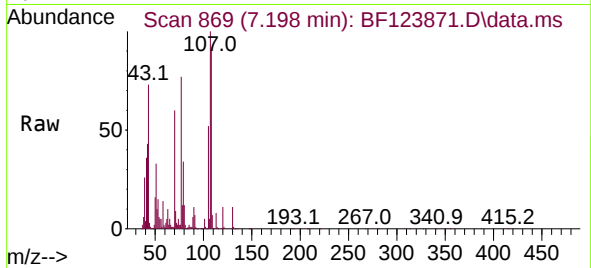
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.5  | 77.8  | 116.8 |
| 201     | 92.3  | 67.8  | 101.8 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 49.82 ng  
RT: 7.198 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

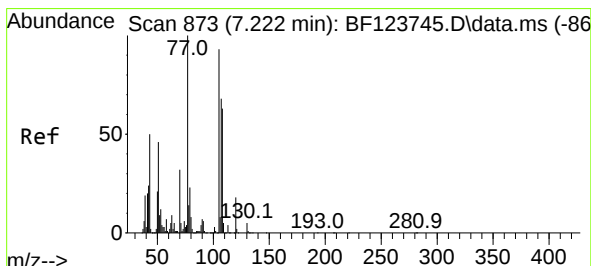
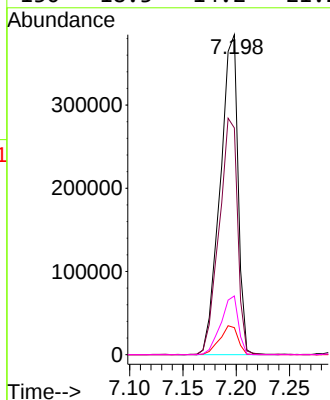
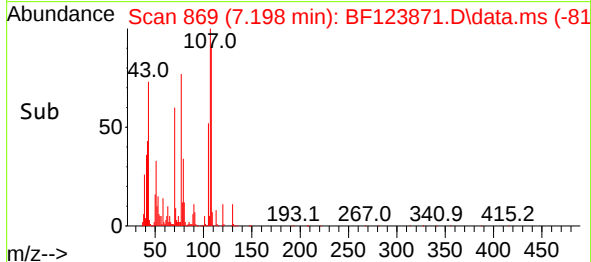
Instrument :  
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ClientSampleId :  
PB136245BSD



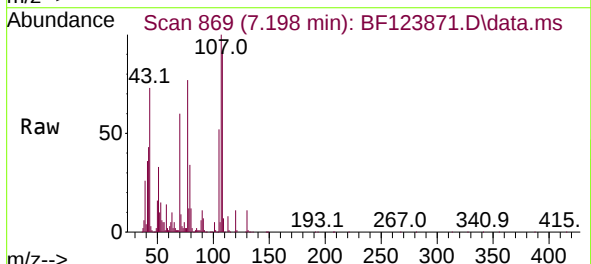
Tgt Ion: 70 Resp: 448169  
Ion Ratio Lower Upper  
70 100  
42 70.8 60.1 90.1  
101 8.5 7.4 11.2  
130 18.3 14.2 21.2

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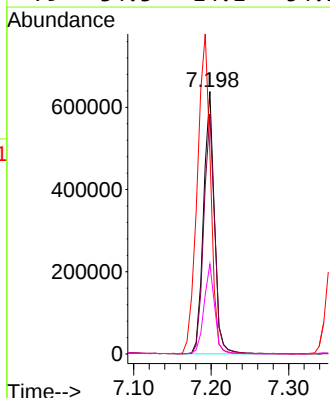
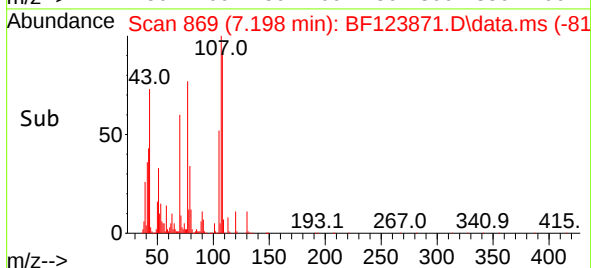
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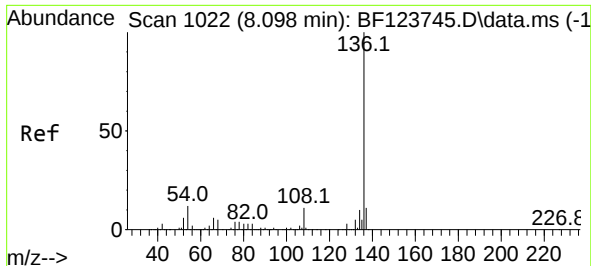


#20  
3+4-Methylphenols  
Concen: 50.32 ng  
RT: 7.198 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



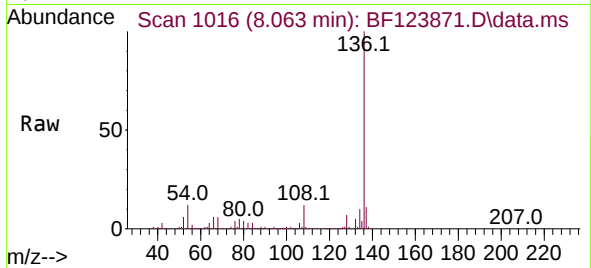
Tgt Ion: 107 Resp: 620683  
Ion Ratio Lower Upper  
107 100  
108 91.4 71.5 111.5  
77 76.9 82.0 122.0#  
79 34.3 14.1 54.1





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

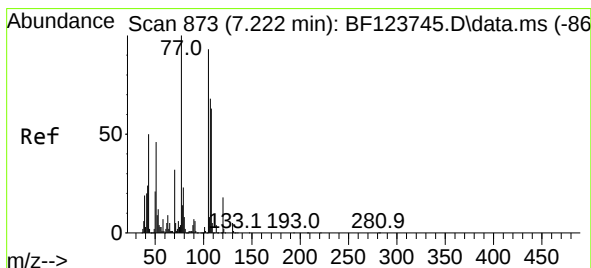
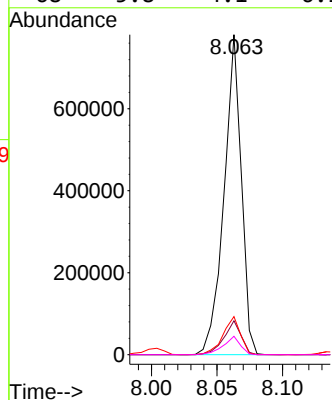
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



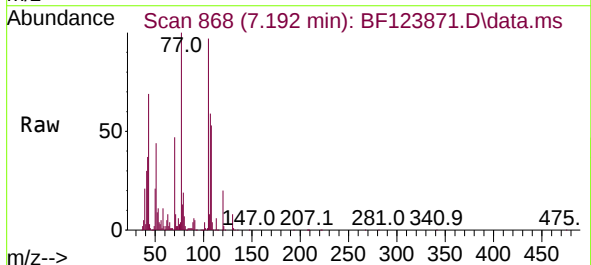
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 713260 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 8.7   | 13.1   |
| 54        | 11.9  | 9.8   | 14.6   |
| 68        | 5.8   | 4.1   | 6.1    |

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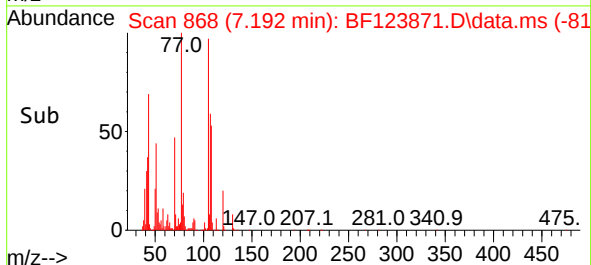
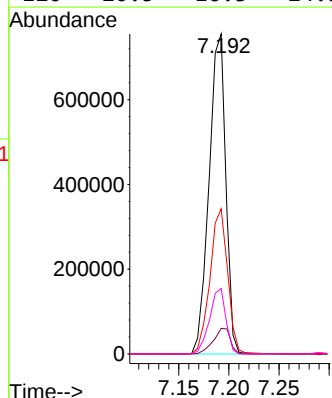
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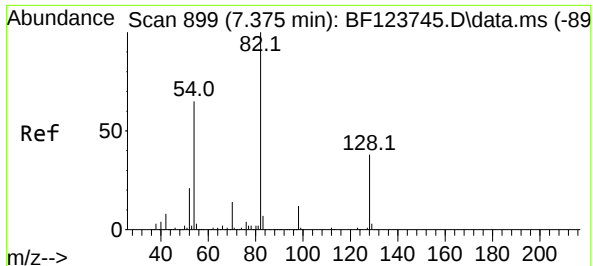


#22  
Acetophenone  
Concen: 45.35 ng  
RT: 7.192 min Scan# 868  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 879254 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.0   | 4.2   | 6.4    |
| 51        | 45.4  | 33.6  | 50.4   |
| 120       | 20.5  | 16.3  | 24.5   |





#23

Nitrobenzene-d5

Concen: 71.67 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF123871.D

Acq: 7 May 2021 17:44

Tgt Ion: 82 Resp: 1132367

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.5  | 29.4  | 44.2  |
| 54  | 64.0  | 54.1  | 81.1  |

Instrument :

BNA\_F

ClientSampleId :

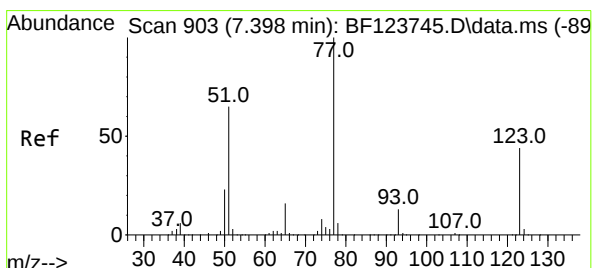
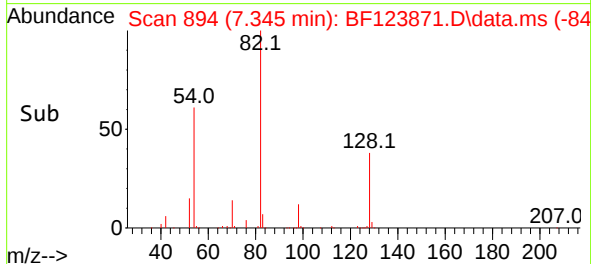
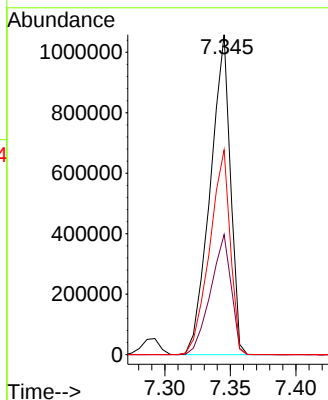
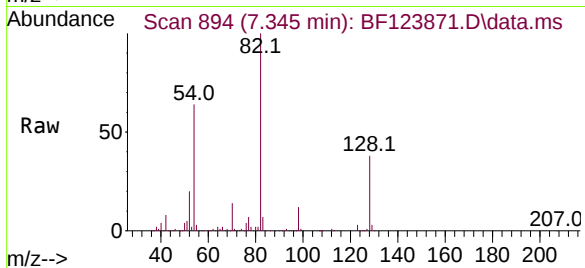
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#24

Nitrobenzene

Concen: 43.34 ng

RT: 7.363 min Scan# 897

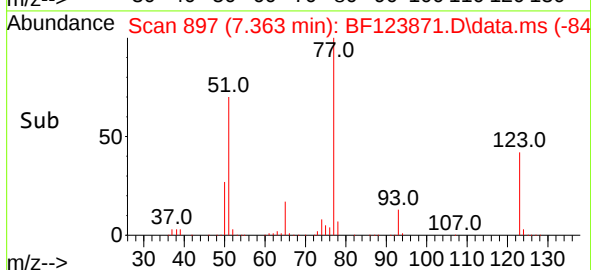
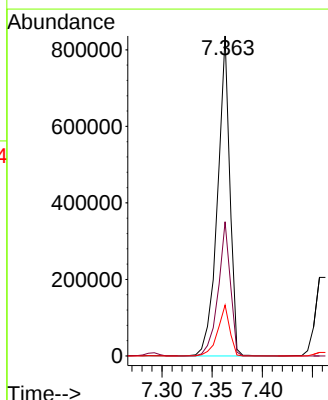
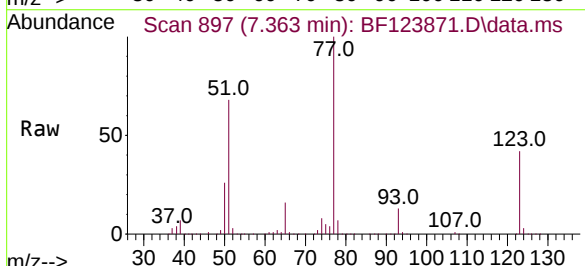
Delta R.T. -0.006 min

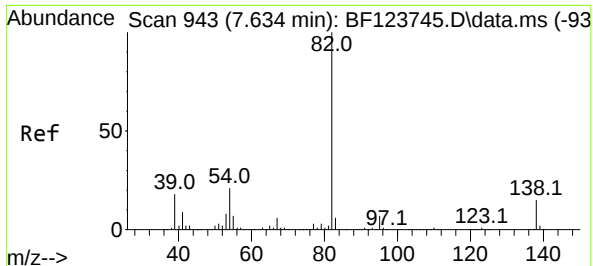
Lab File: BF123871.D

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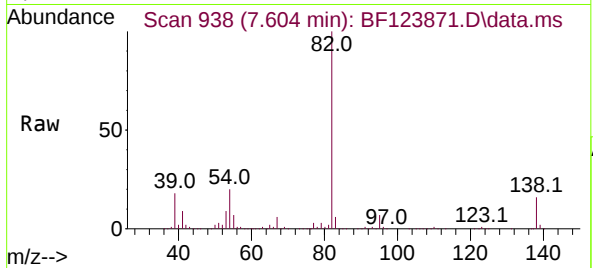
Tgt Ion: 77 Resp: 713305

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.0  | 34.5  | 51.7  |
| 65  | 15.9  | 12.2  | 18.2  |

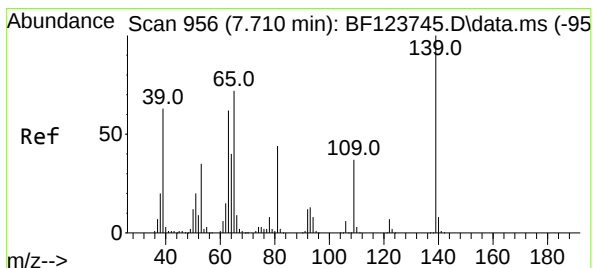
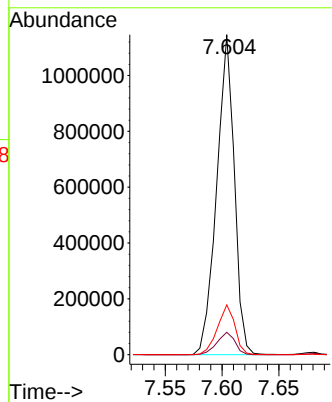
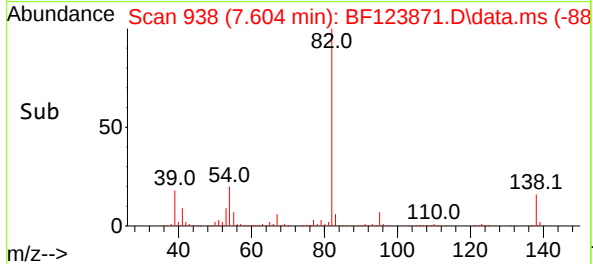




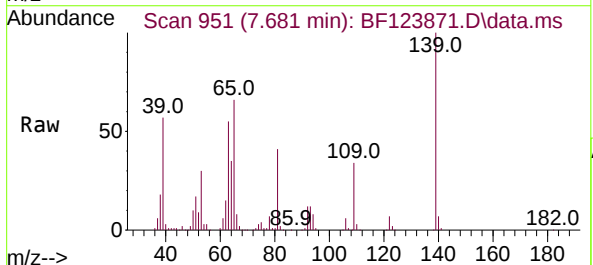
#25  
Isophorone  
Concen: 41.84 ng  
RT: 7.604 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



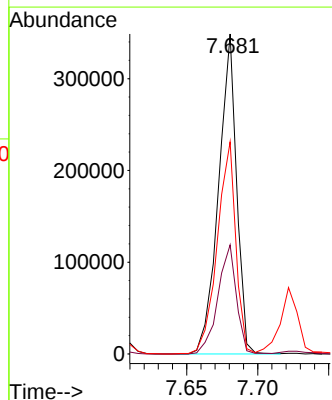
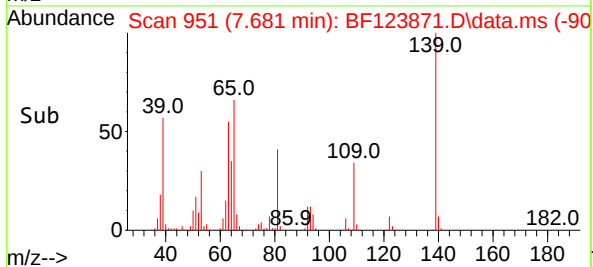
Tgt Ion: 82 Resp: 1239545  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.8 8.6  
138 15.6 11.8 17.8



#26  
2-Nitrophenol  
Concen: 45.82 ng  
RT: 7.681 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



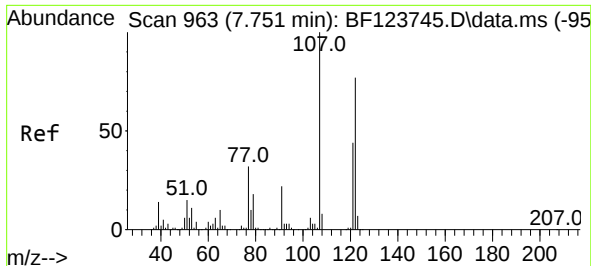
Tgt Ion: 139 Resp: 307772  
Ion Ratio Lower Upper  
139 100  
109 34.1 28.6 43.0  
65 66.3 56.8 85.2



Instrument :  
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ClientSampleId :  
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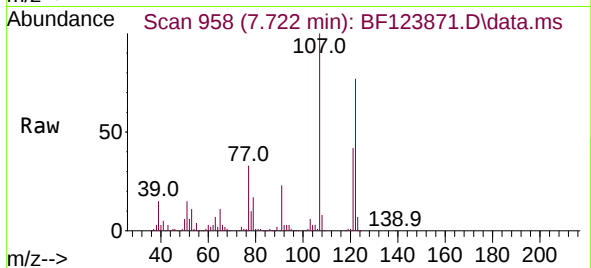
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#27  
2,4-Dimethylphenol  
Concen: 47.08 ng  
RT: 7.722 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

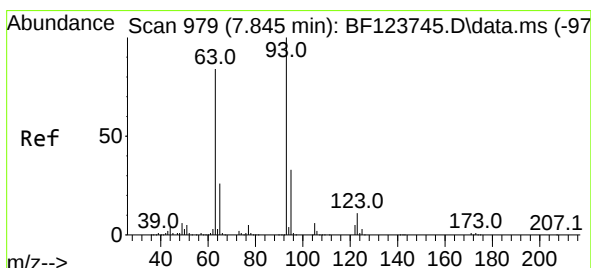
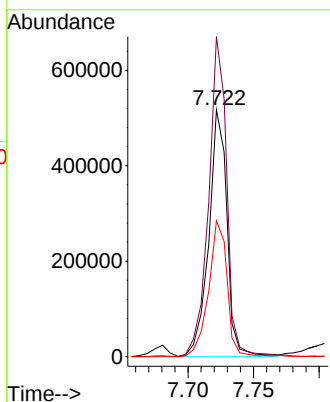
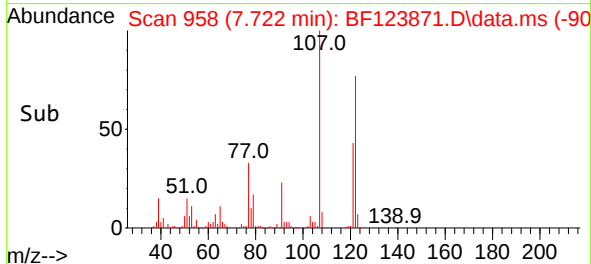
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



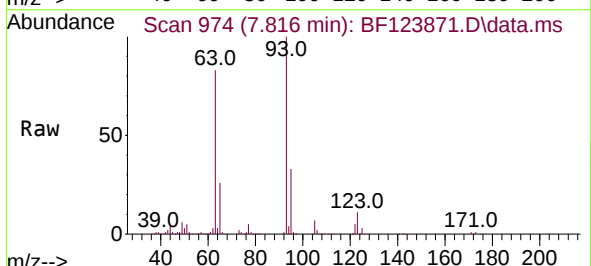
Tgt Ion:122 Resp: 496714  
Ion Ratio Lower Upper  
122 100  
107 129.6 106.3 159.5  
121 55.1 45.4 68.0

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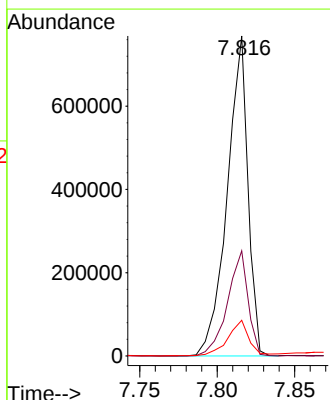
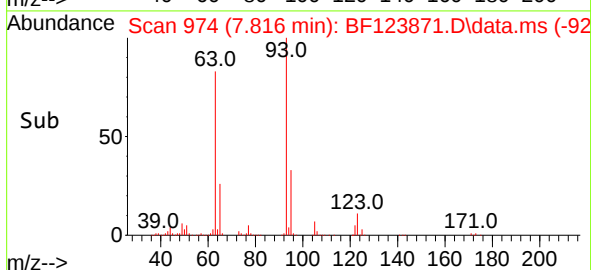
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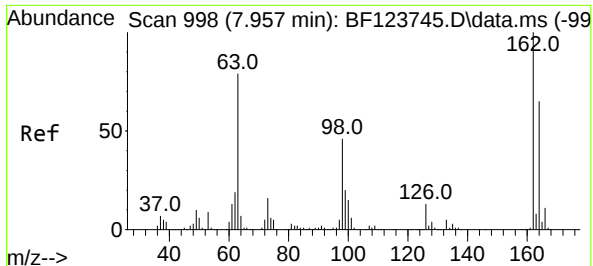


#28  
bis(2-Chloroethoxy)methane  
Concen: 47.30 ng  
RT: 7.816 min Scan# 974  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



Tgt Ion: 93 Resp: 714050  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.5 39.7  
123 11.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 43.51 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF123871.D

Acq: 7 May 2021 17:44

Tgt Ion:162 Resp: 452459

Ion Ratio Lower Upper

162 100

164 64.8 44.1 84.1

98 42.7 27.3 67.3

Instrument :

BNA\_F

ClientSampleId :

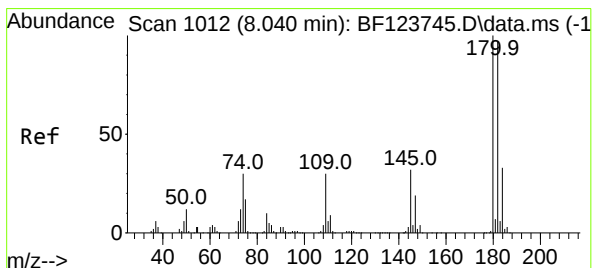
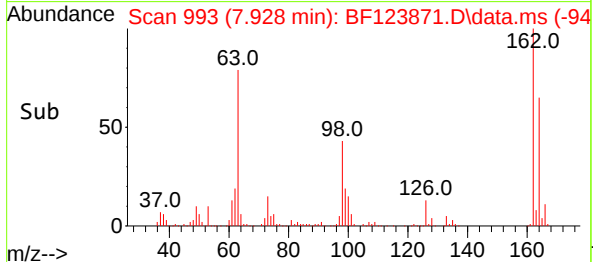
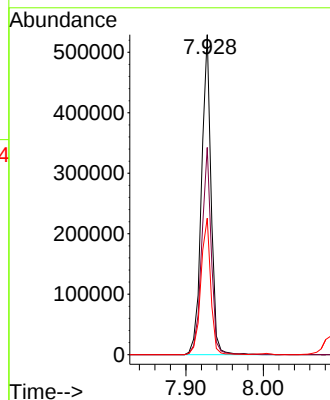
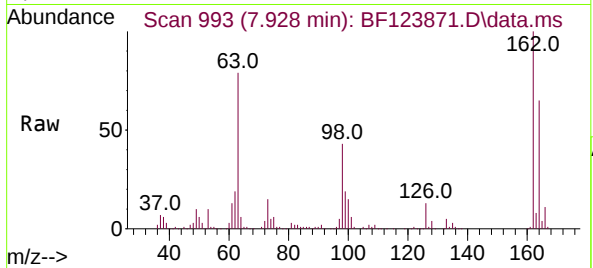
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#30

1,2,4-Trichlorobenzene

Concen: 44.88 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF123871.D

Acq: 7 May 2021 17:44

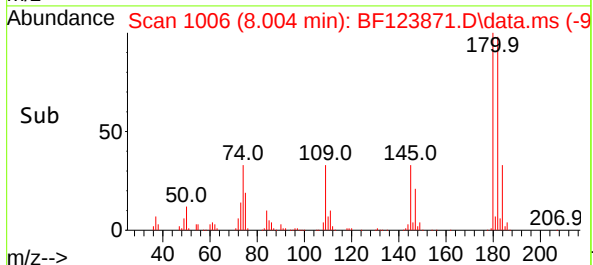
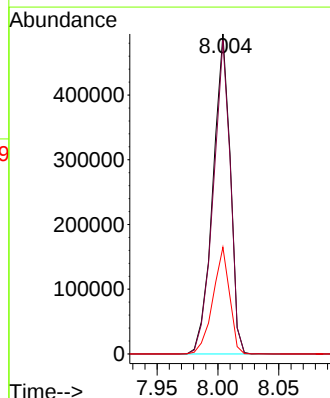
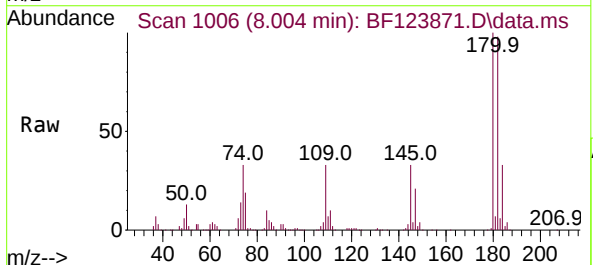
Tgt Ion:180 Resp: 489054

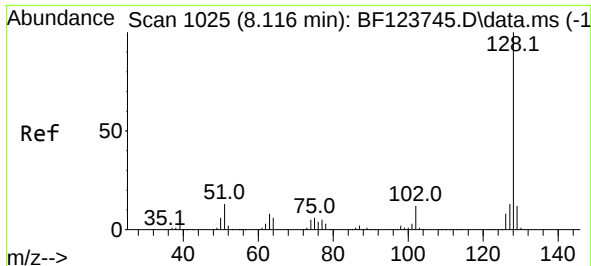
Ion Ratio Lower Upper

180 100

182 98.0 77.2 115.8

145 33.4 26.0 39.0





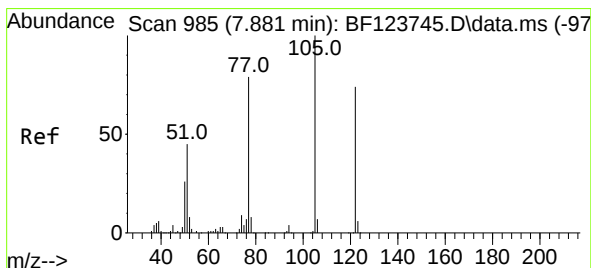
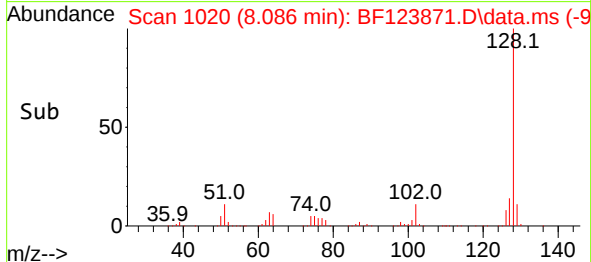
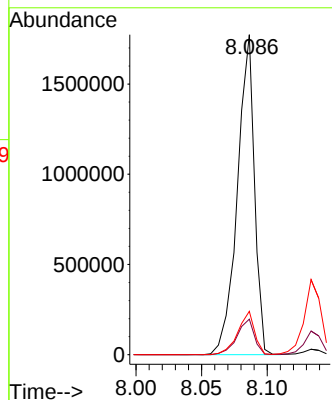
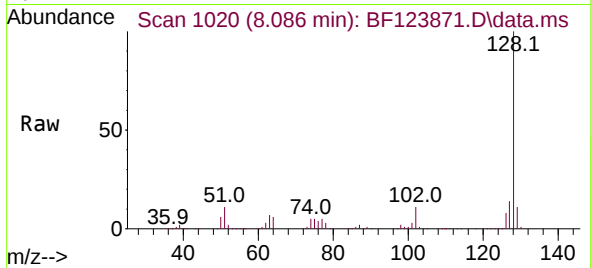
#31  
Naphthalene  
Concen: 43.92 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:128 Resp: 1613084  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.6 10.8 16.2

Instrument :  
BNA\_F  
ClientSampleId :  
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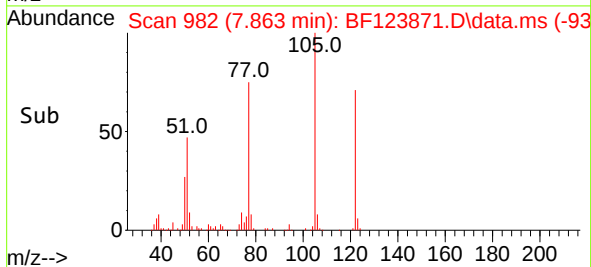
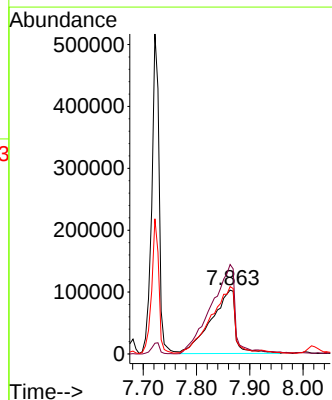
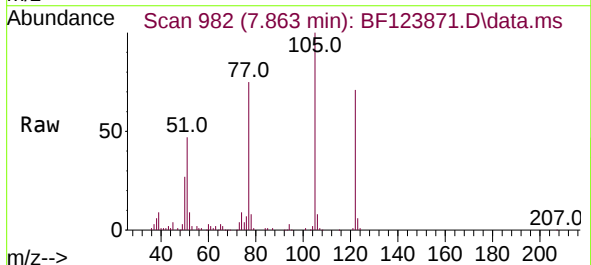
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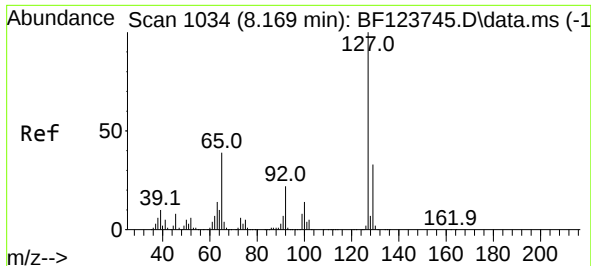
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#32  
Benzoic acid  
Concen: 45.81 ng  
RT: 7.863 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: BF123871.D  
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Tgt Ion:122 Resp: 329930  
Ion Ratio Lower Upper  
122 100  
105 140.0 107.8 147.8  
77 105.4 81.6 121.6





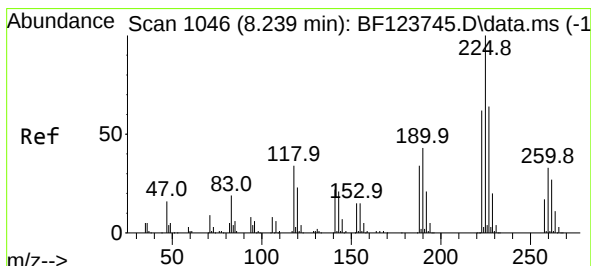
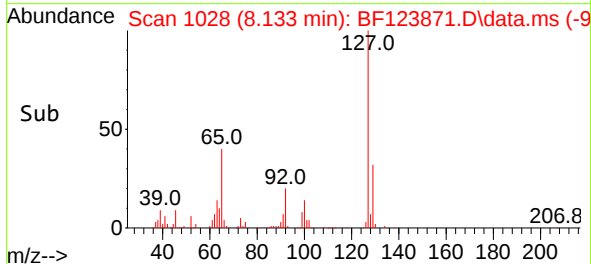
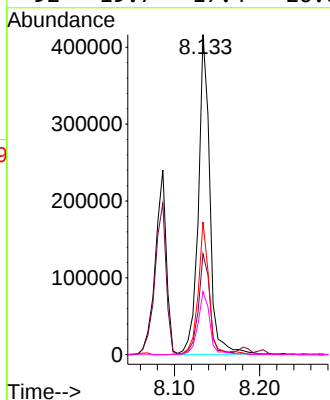
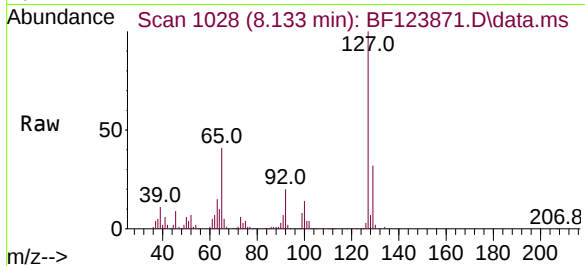
#33  
4-Chloroaniline  
Concen: 25.49 ng  
RT: 8.133 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.6  | 25.7  | 38.5  |
| 65      | 41.4  | 34.5  | 51.7  |
| 92      | 19.7  | 17.4  | 26.0  |

Instrument :  
BNA\_F  
ClientSampleId :  
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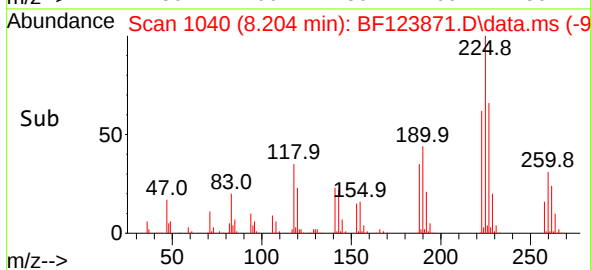
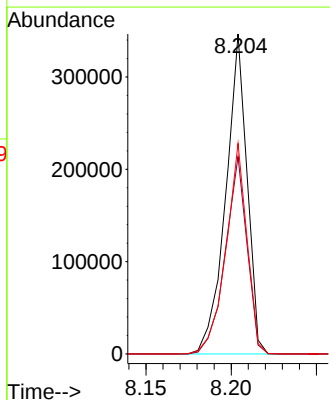
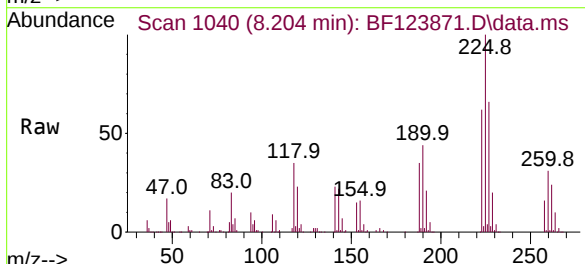
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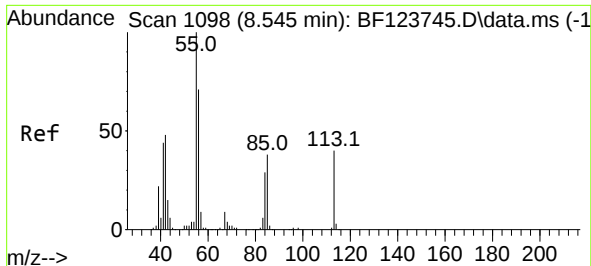
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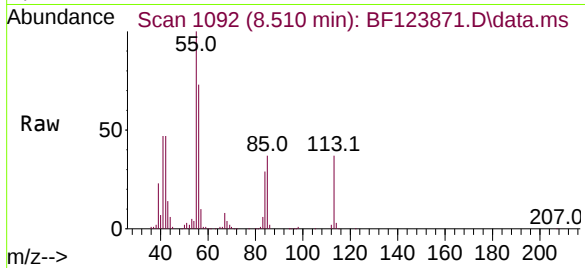
#34  
Hexachlorobutadiene  
Concen: 45.37 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.7  | 50.4  | 75.6  |
| 227     | 65.8  | 51.4  | 77.0  |

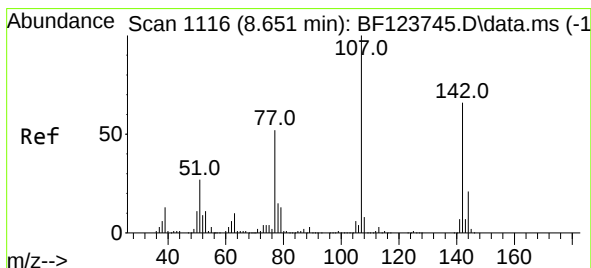
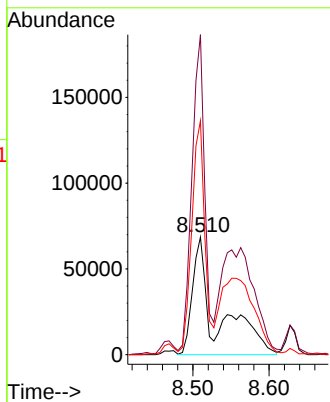
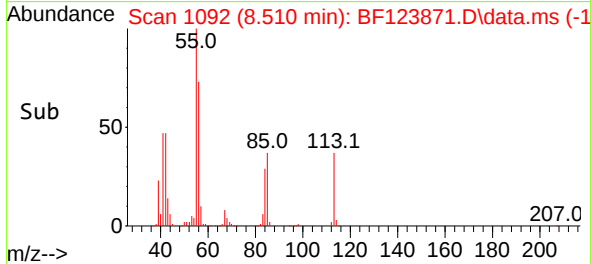




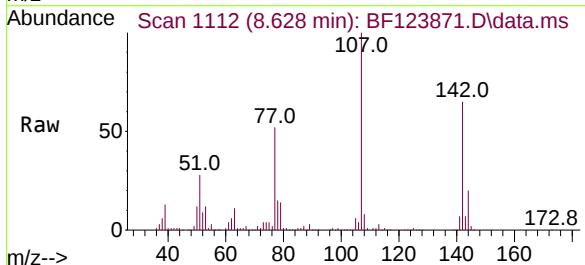
#35  
Caprolactam  
Concen: 42.03 ng m  
RT: 8.510 min Scan# 1092  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



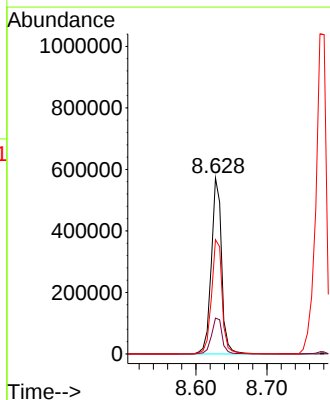
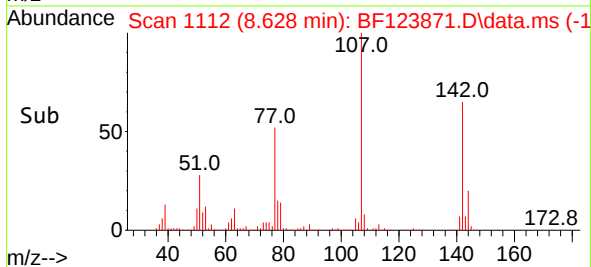
Tgt Ion:113 Resp: 153449  
Ion Ratio Lower Upper  
113 100  
55 271.9 254.9 294.9  
56 198.8 179.4 219.4



#36  
4-Chloro-3-methylphenol  
Concen: 44.47 ng  
RT: 8.628 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



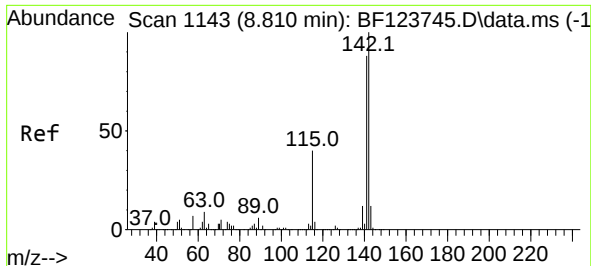
Tgt Ion:107 Resp: 576957  
Ion Ratio Lower Upper  
107 100  
144 20.4 16.3 24.5  
142 64.9 50.1 75.1



Instrument :  
BNA\_F  
ClientSampleId :  
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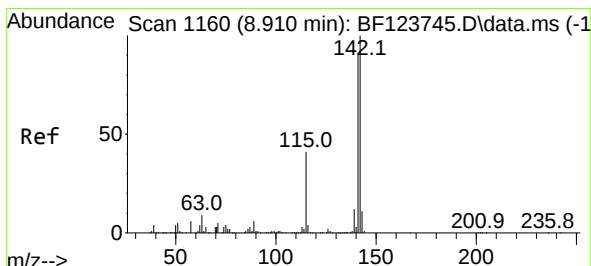
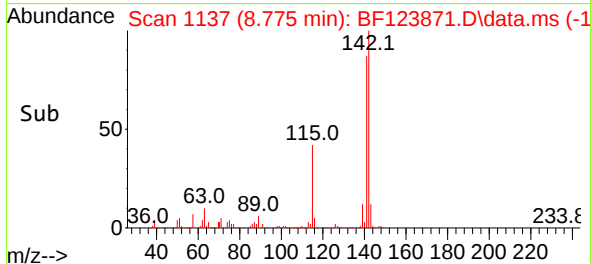
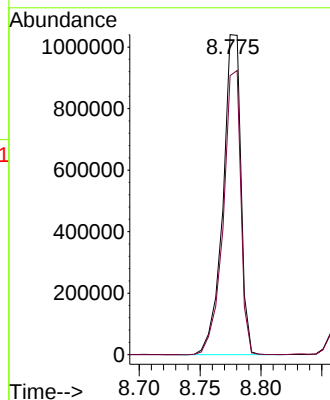
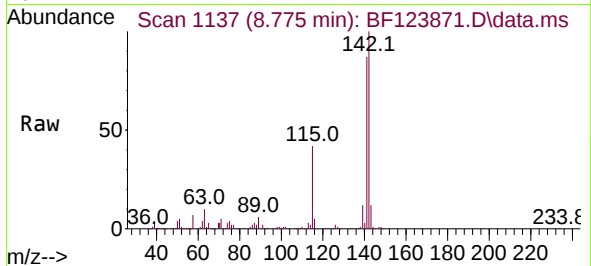
#37  
2-Methylnaphthalene  
Concen: 44.60 ng  
RT: 8.775 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:142 Resp: 1067557  
Ion Ratio Lower Upper  
142 100  
141 87.2 71.8 107.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

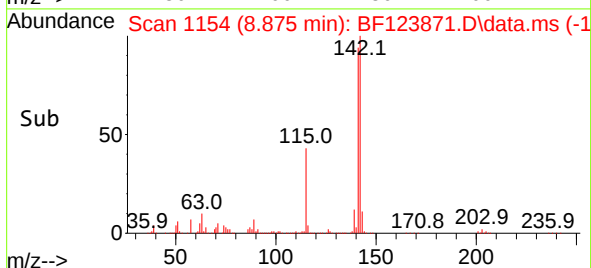
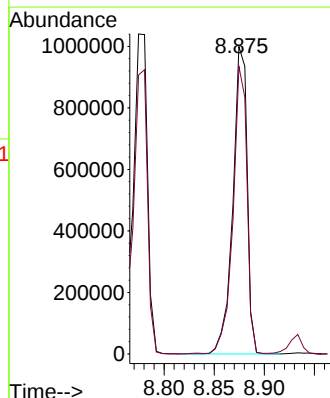
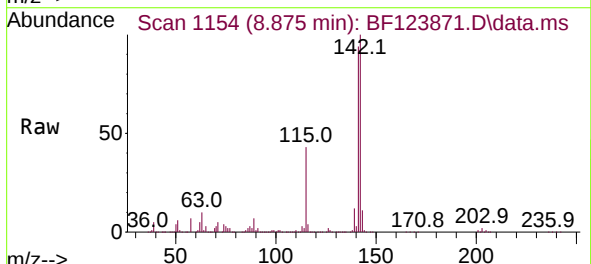
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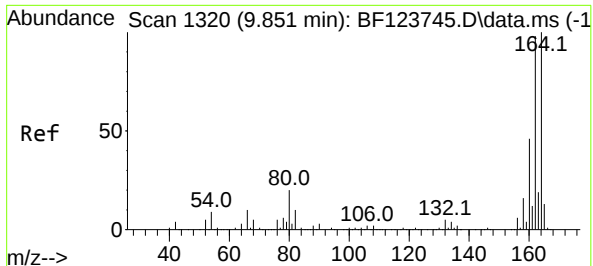
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#38  
1-Methylnaphthalene  
Concen: 44.26 ng  
RT: 8.875 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:142 Resp: 995719  
Ion Ratio Lower Upper  
142 100  
141 93.6 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF123871.D

Acq: 7 May 2021 17:44

Tgt Ion:164 Resp: 353487

Ion Ratio Lower Upper

164 100

162 101.2 80.7 121.1

160 44.8 37.3 55.9

Instrument :

BNA\_F

ClientSampleId :

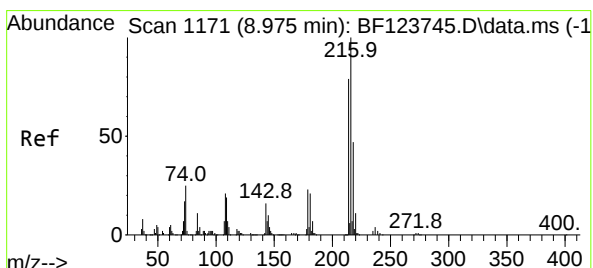
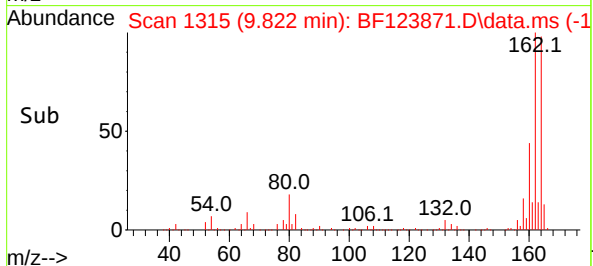
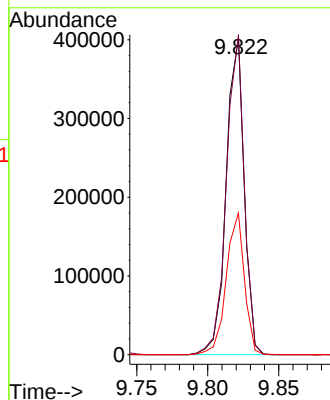
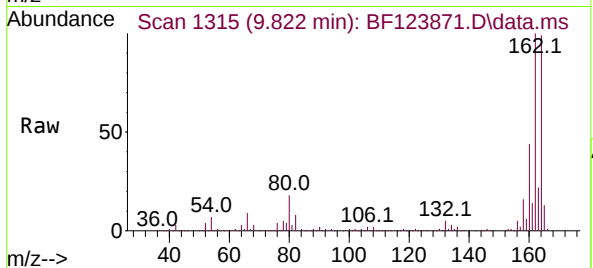
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.48 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF123871.D

Acq: 7 May 2021 17:44

Tgt Ion:216 Resp: 462686

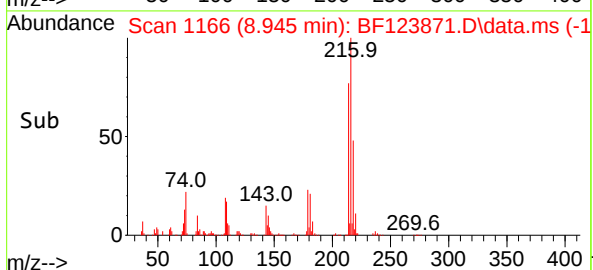
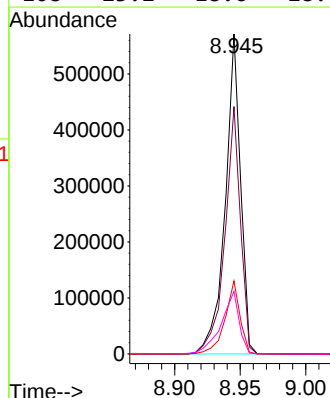
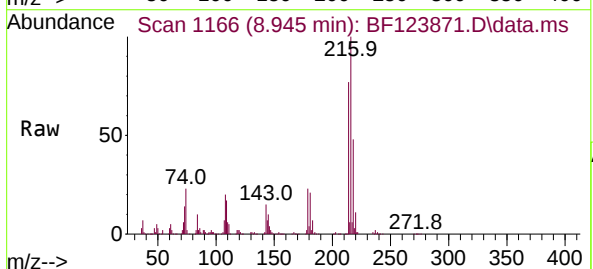
Ion Ratio Lower Upper

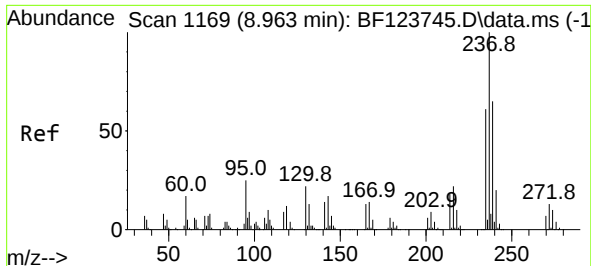
216 100

214 78.4 63.8 95.8

179 22.4 17.9 26.9

108 23.2 18.6 28.0





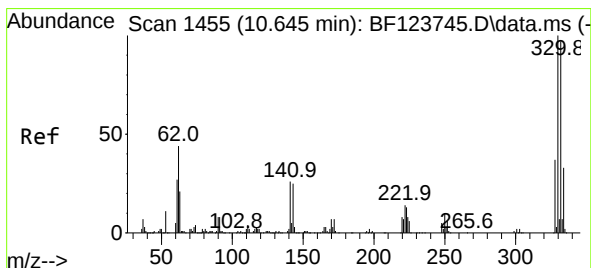
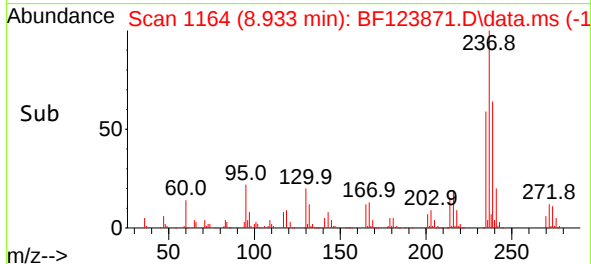
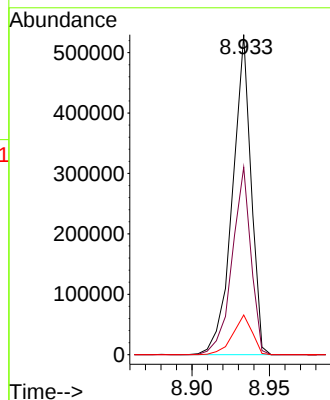
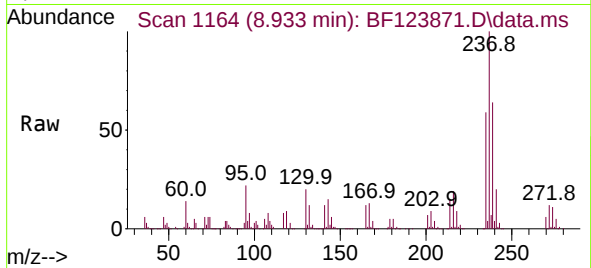
#41  
Hexachlorocyclopentadiene  
Concen: 97.53 ng  
RT: 8.933 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 441934 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 58.6  | 38.8  | 78.8   |
| 272       | 12.4  | 0.0   | 32.4   |

Instrument :  
BNA\_F  
ClientSampleId :  
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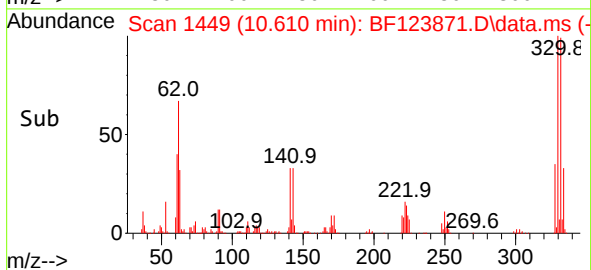
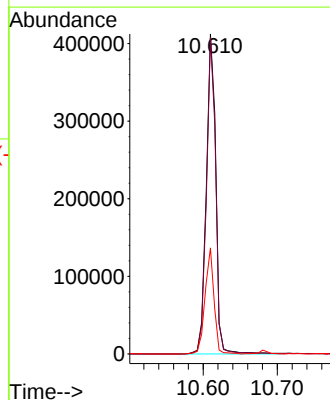
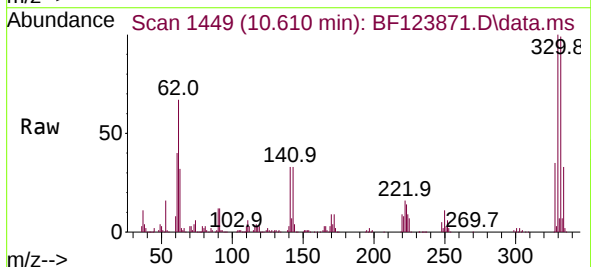
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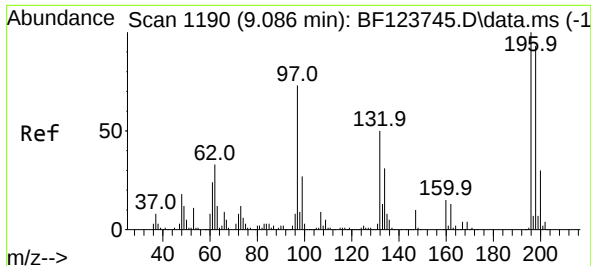
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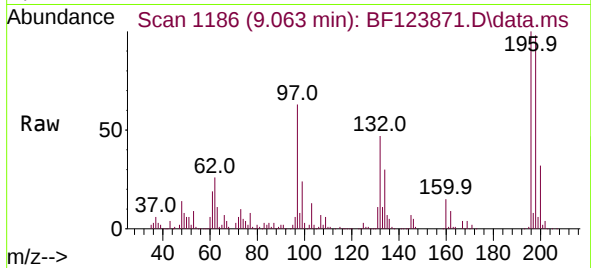
#42  
2,4,6-Tribromophenol  
Concen: 83.59 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 367837 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.2  | 77.1  | 115.7  |
| 141       | 31.3  | 27.9  | 41.9   |

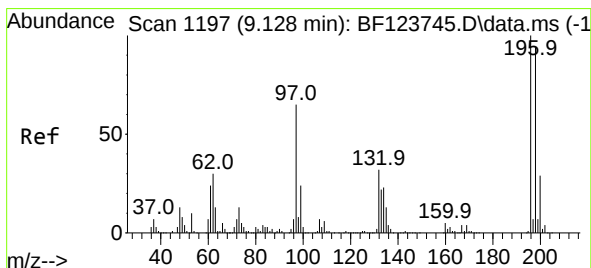
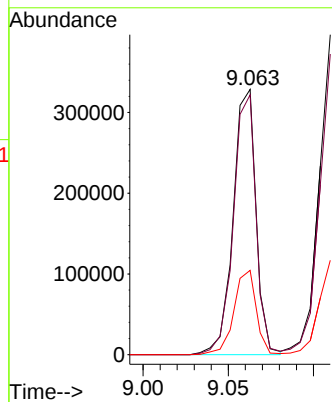
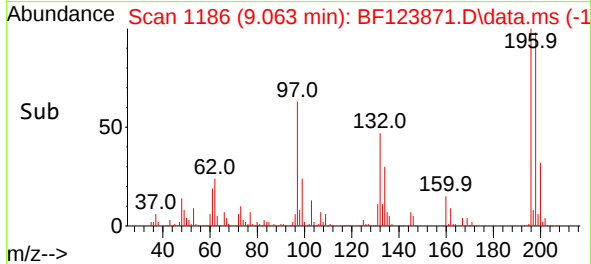




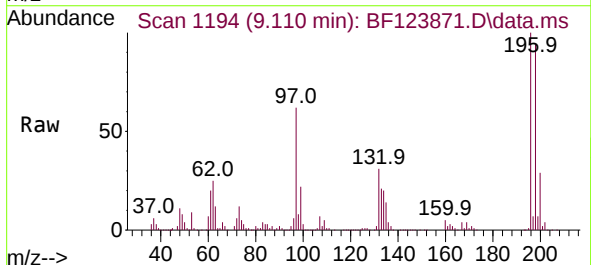
#43  
2,4,6-Trichlorophenol  
Concen: 42.85 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



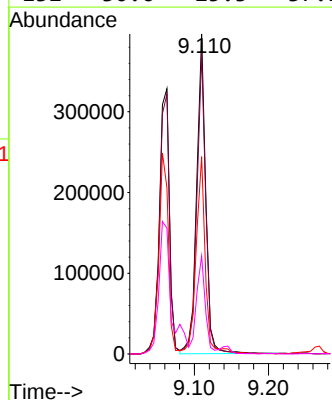
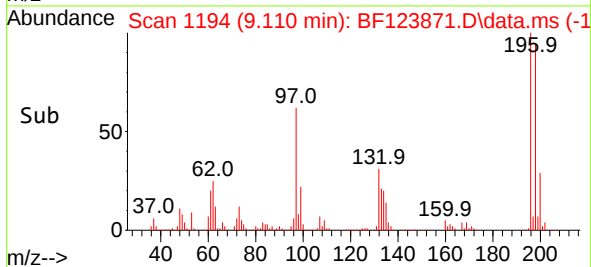
Tgt Ion:196 Resp: 307018  
Ion Ratio Lower Upper  
196 100  
198 98.0 78.2 117.2  
200 31.8 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 43.80 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



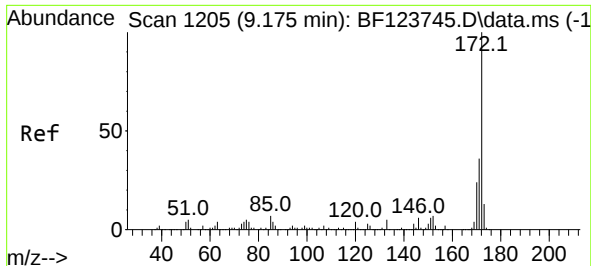
Tgt Ion:196 Resp: 336710  
Ion Ratio Lower Upper  
196 100  
198 93.9 76.5 114.7  
97 61.7 52.9 79.3  
132 30.6 25.3 37.9



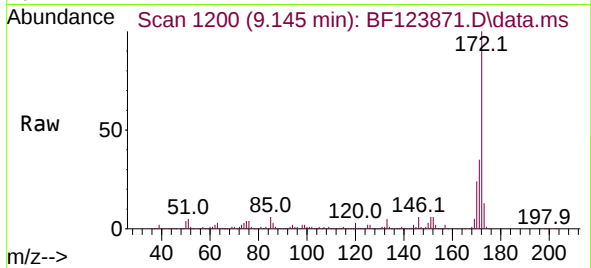
Instrument :  
BNA\_F  
ClientSampled :  
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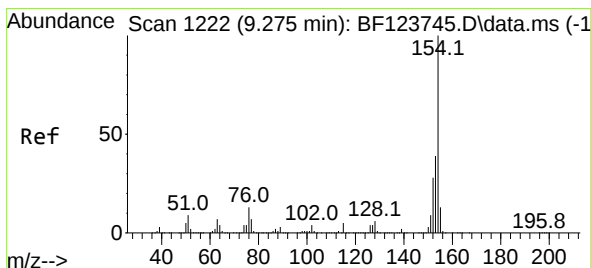
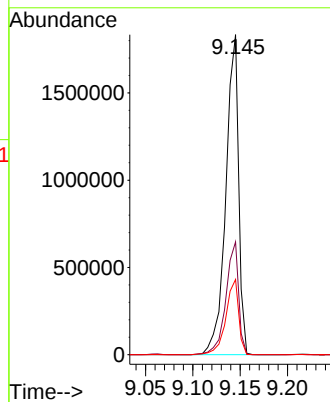
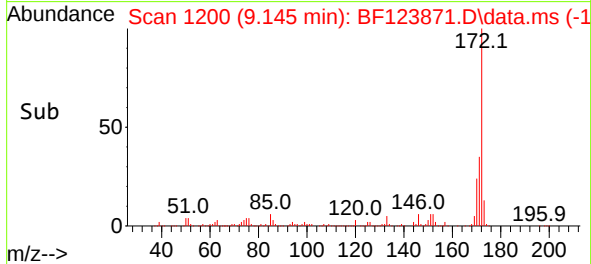
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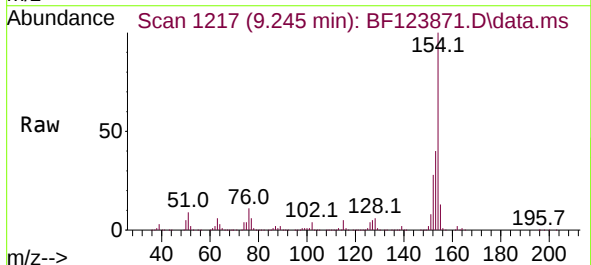
#45  
2-Fluorobiphenyl  
Concen: 71.38 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



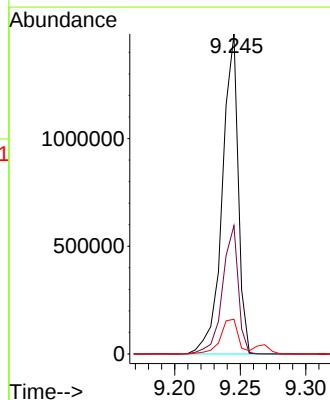
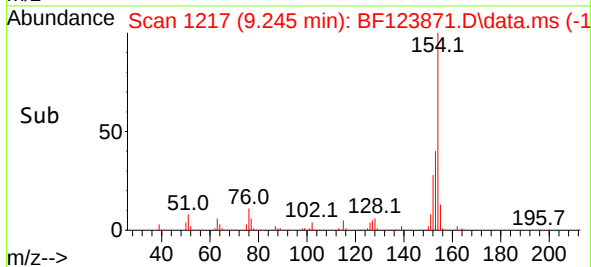
Tgt Ion:172 Resp: 1732530  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.5 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 43.14 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



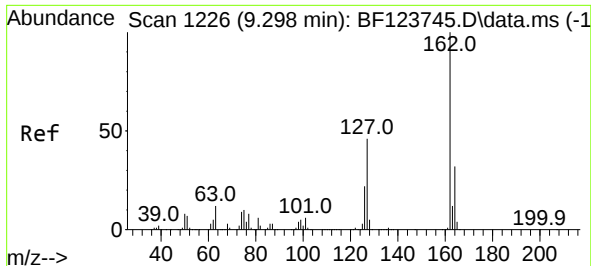
Tgt Ion:154 Resp: 1249207  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.7 60.7  
76 10.8 0.0 31.7



Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

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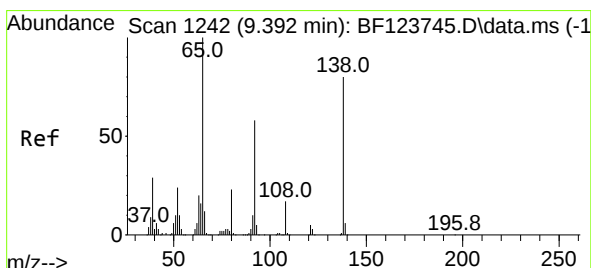
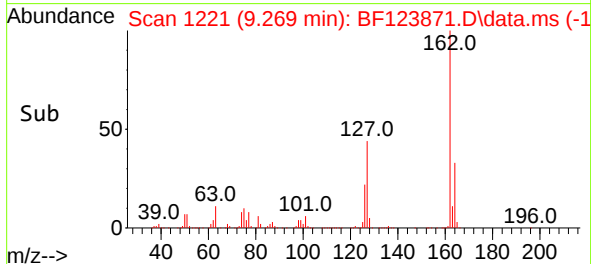
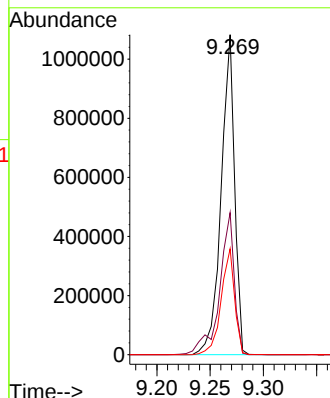
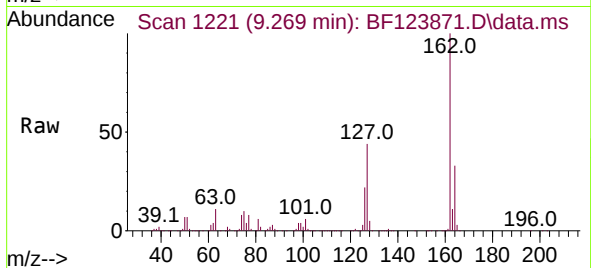
#47  
2-Chloronaphthalene  
Concen: 43.40 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 162 Resp: 947654  
Ion Ratio Lower Upper  
162 100  
127 44.4 36.2 54.2  
164 33.1 25.4 38.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

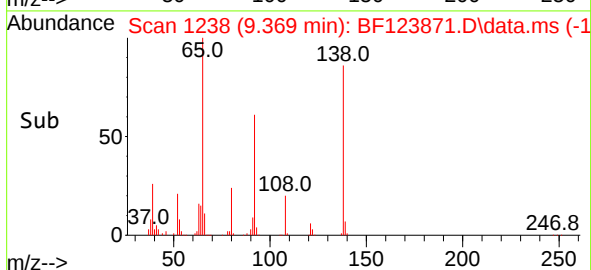
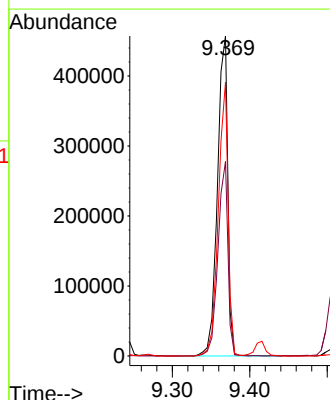
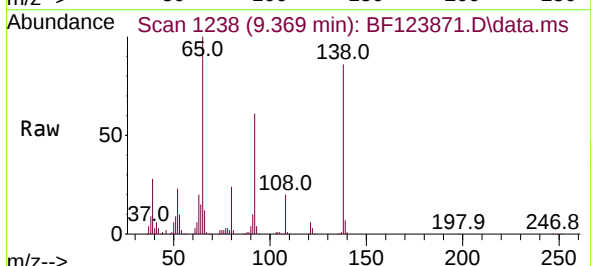
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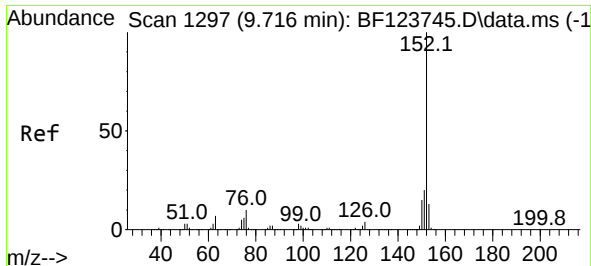
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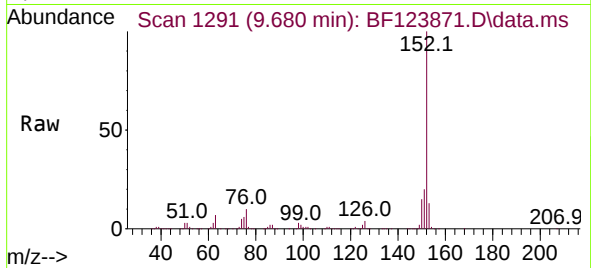
#48  
2-Nitroaniline  
Concen: 44.02 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 65 Resp: 423384  
Ion Ratio Lower Upper  
65 100  
92 60.7 47.1 70.7  
138 85.6 70.2 105.2



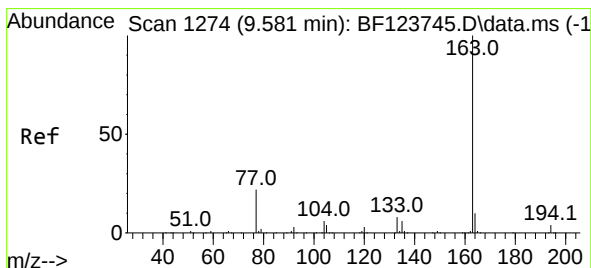
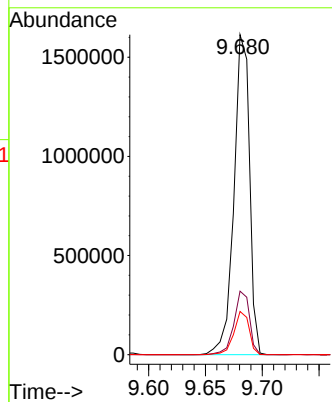
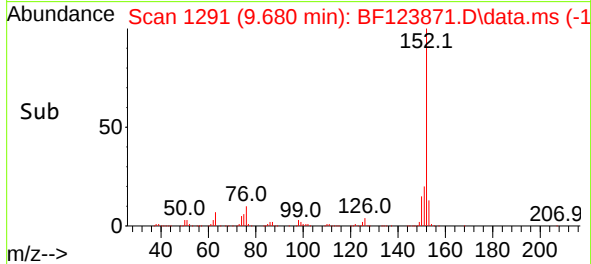


#49  
Acenaphthylene  
Concen: 43.64 ng  
RT: 9.680 min Scan# 1291  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

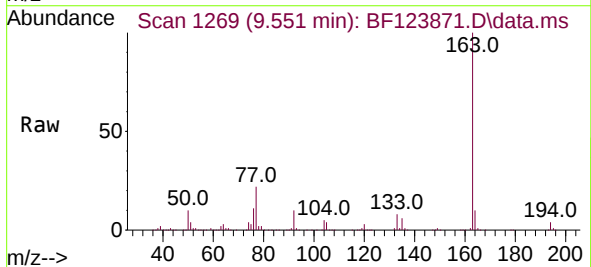


Tgt Ion:152 Resp: 1538044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.9  | 16.0  | 24.0  |
| 153 | 13.5  | 10.4  | 15.6  |

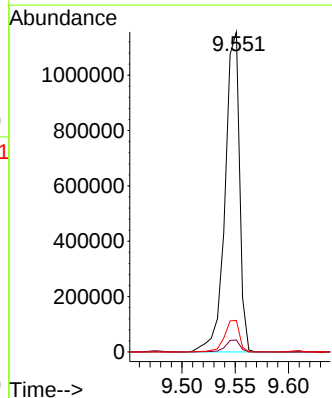
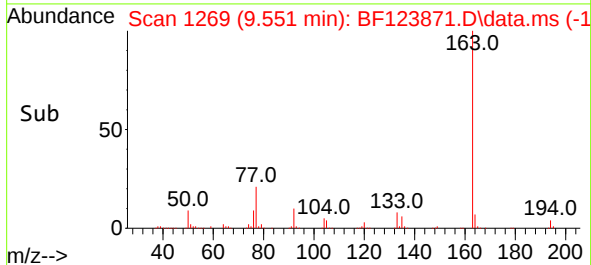


#50  
Dimethylphthalate  
Concen: 43.71 ng  
RT: 9.551 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



Tgt Ion:163 Resp: 1088299

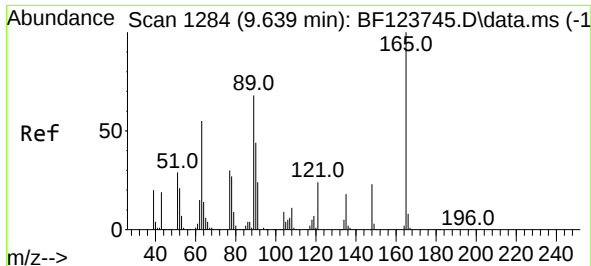
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 3.1   | 4.7   |
| 164 | 9.8   | 8.2   | 12.2  |



Instrument :  
BNA\_F  
ClientSampleId :  
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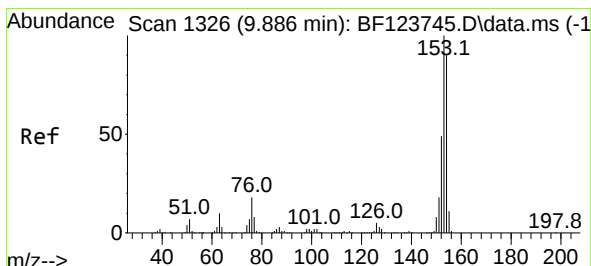
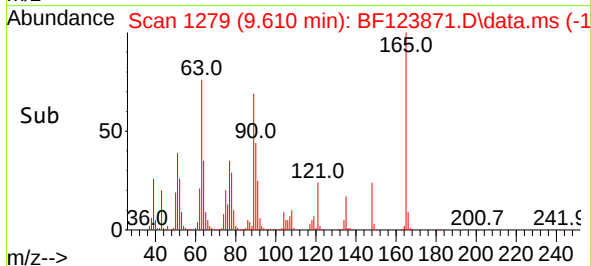
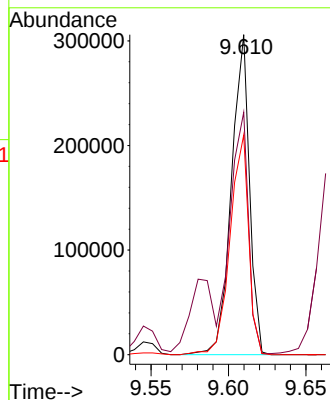
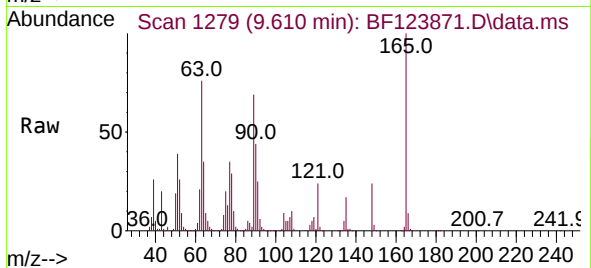
#51  
2,6-Dinitrotoluene  
Concen: 43.06 ng  
RT: 9.610 min Scan# 1279  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:165 Resp: 247834  
Ion Ratio Lower Upper  
165 100  
63 75.7 67.7 101.5  
89 68.6 58.8 88.2

Instrument :  
BNA\_F  
ClientSampleId :  
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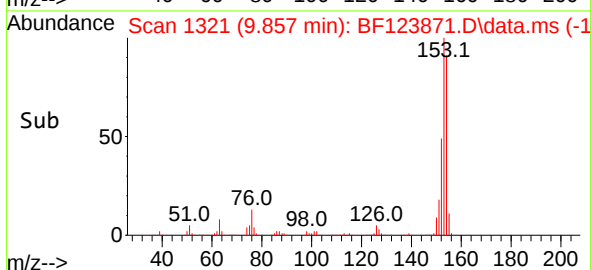
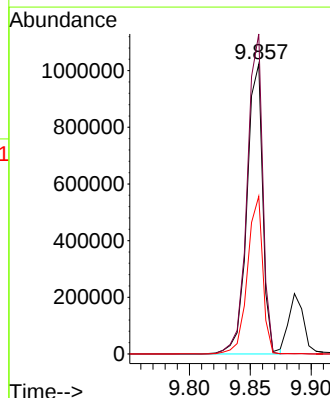
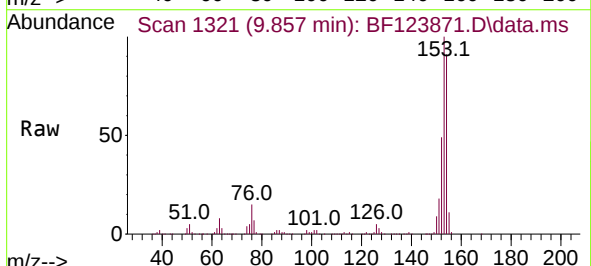
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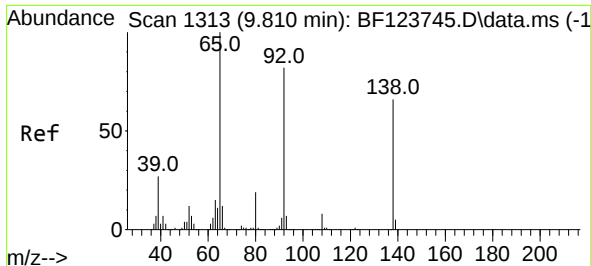
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#52  
Acenaphthene  
Concen: 43.19 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:154 Resp: 927377  
Ion Ratio Lower Upper  
154 100  
153 110.3 88.1 132.1  
152 54.4 43.4 65.0





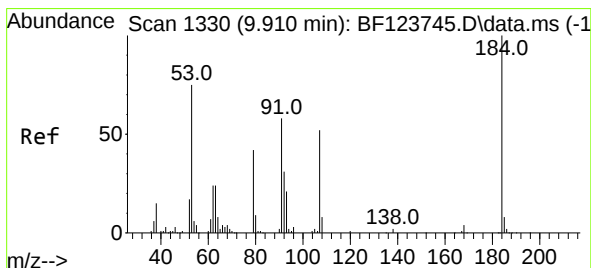
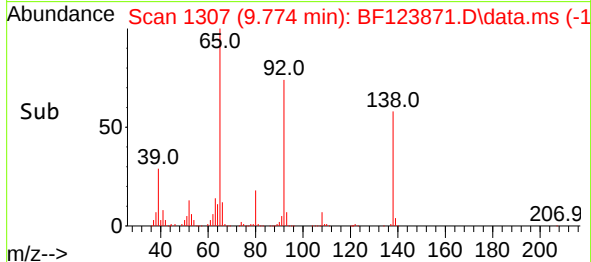
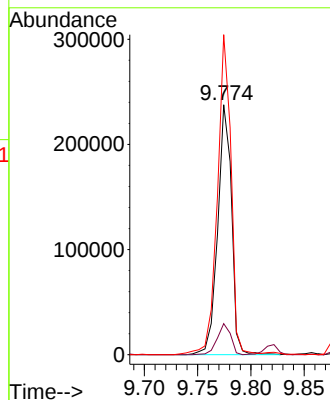
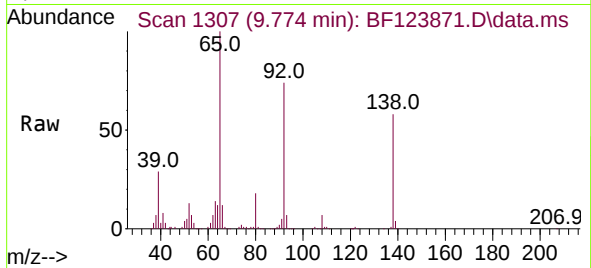
#53  
3-Nitroaniline  
Concen: 31.01 ng  
RT: 9.774 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:138 Resp: 213208  
Ion Ratio Lower Upper  
138 100  
108 12.4 10.2 15.4  
92 128.1 103.3 154.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

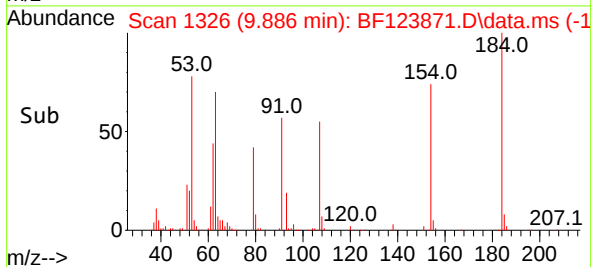
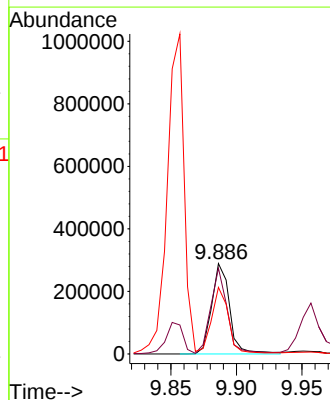
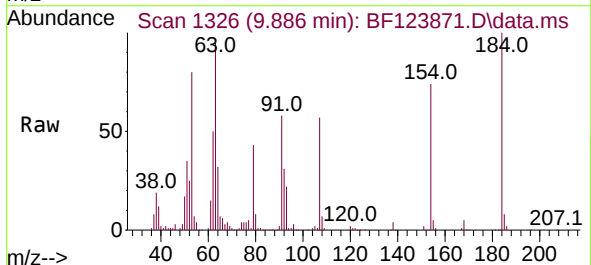
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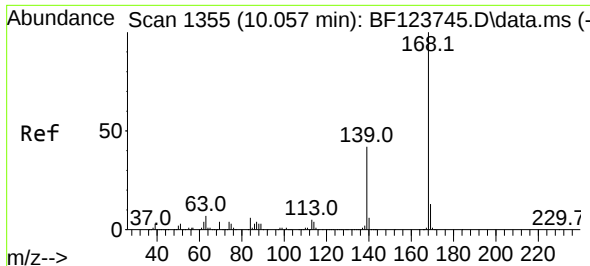
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#54  
2,4-Dinitrophenol  
Concen: 90.65 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

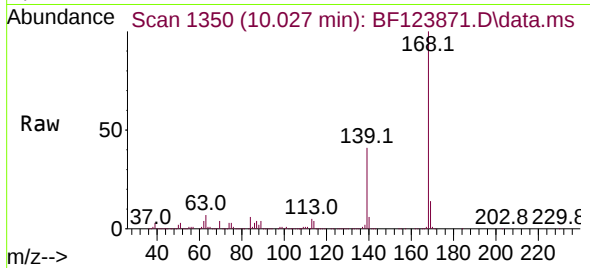
Tgt Ion:184 Resp: 277117  
Ion Ratio Lower Upper  
184 100  
63 94.9 73.5 110.3  
154 73.6 52.5 78.7





#55  
Dibenzenofuran  
Concen: 41.89 ng  
RT: 10.027 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

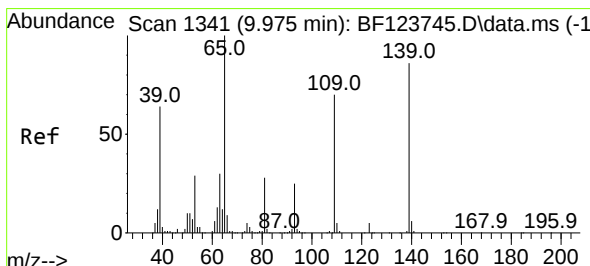
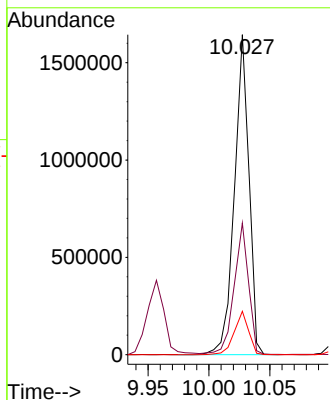
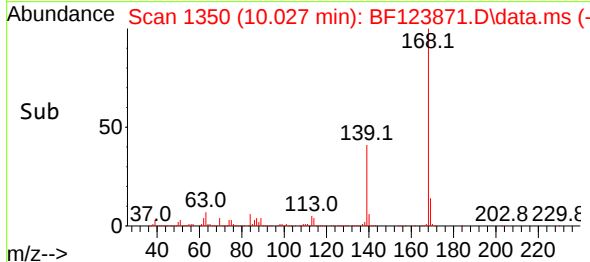
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



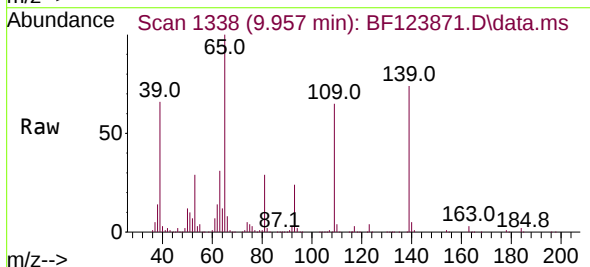
Tgt Ion:168 Resp: 1360549  
Ion Ratio Lower Upper  
168 100  
139 41.1 33.2 49.8  
169 13.5 10.8 16.2

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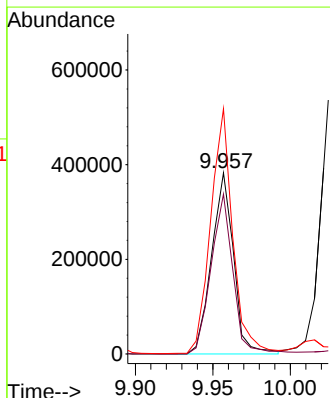
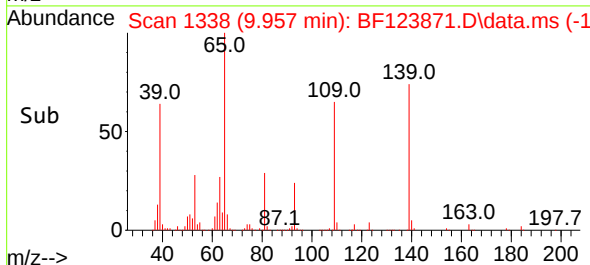
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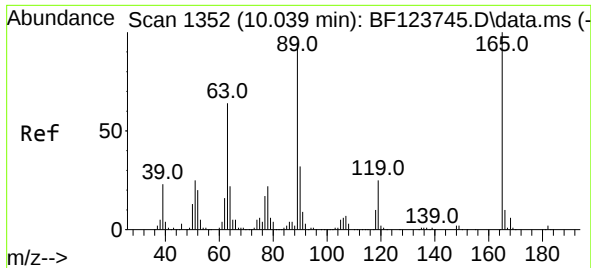


#56  
4-Nitrophenol  
Concen: 75.33 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



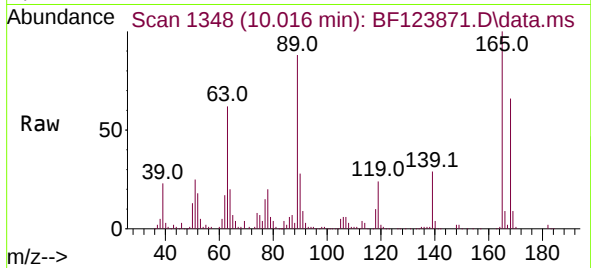
Tgt Ion:139 Resp: 377175  
Ion Ratio Lower Upper  
139 100  
109 88.3 63.2 103.2  
65 135.5 110.0 150.0





#57  
2,4-Dinitrotoluene  
Concen: 41.62 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

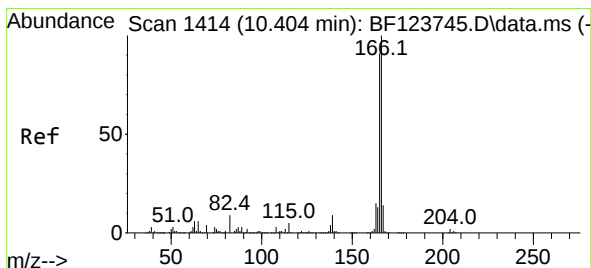
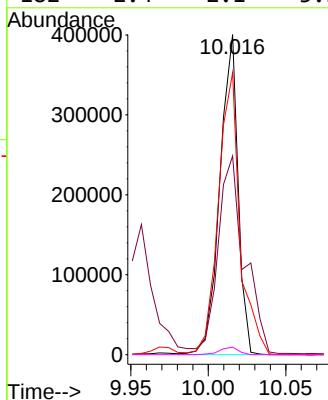
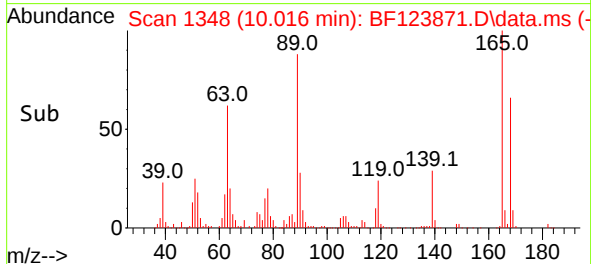
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



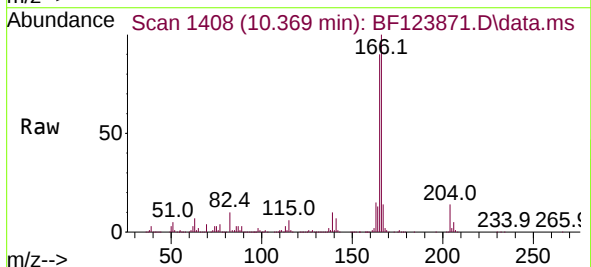
Tgt Ion:165 Resp: 326594  
Ion Ratio Lower Upper  
165 100  
63 62.1 43.5 65.3  
89 88.1 67.7 101.5  
182 2.4 2.1 3.1

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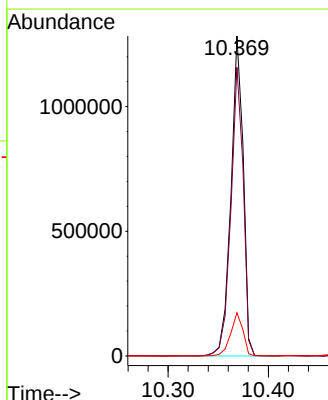
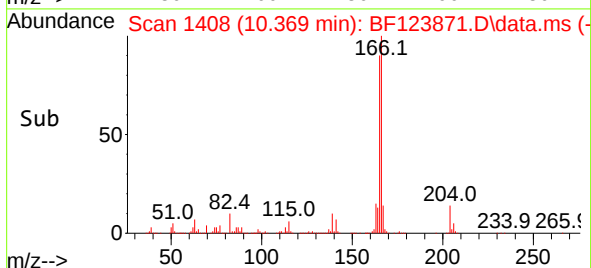
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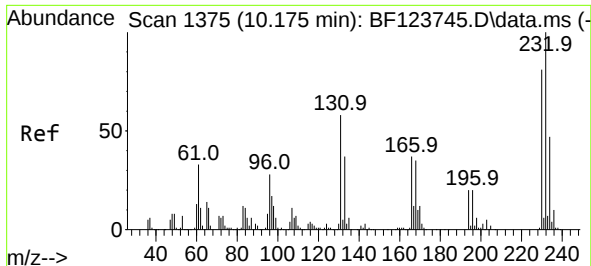


#58  
Fluorene  
Concen: 43.75 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

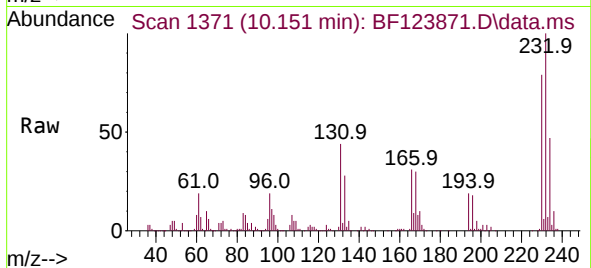


Tgt Ion:166 Resp: 1092057  
Ion Ratio Lower Upper  
166 100  
165 90.2 73.5 110.3  
167 13.5 10.7 16.1

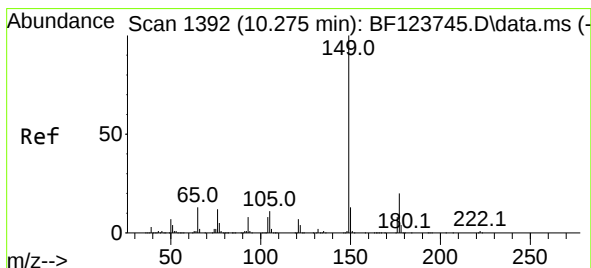
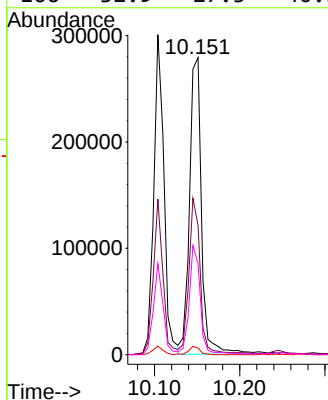
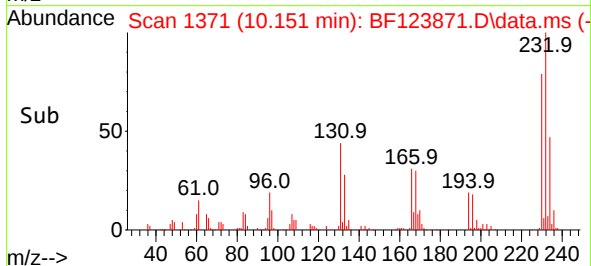




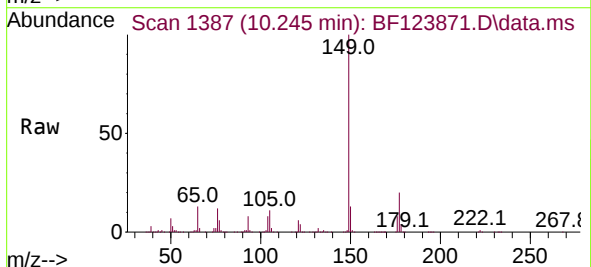
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.86 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



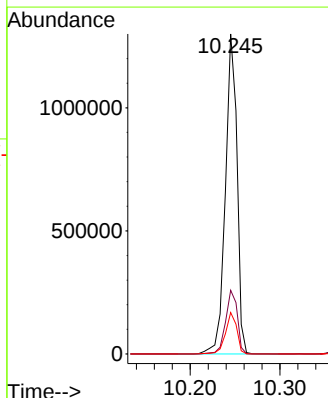
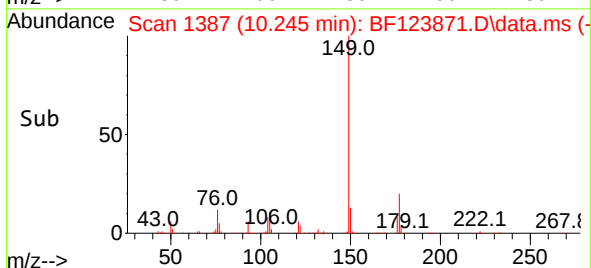
Tgt Ion:232 Resp: 273081  
Ion Ratio Lower Upper  
232 100  
131 50.2 43.2 64.8  
130 2.6 2.2 3.2  
166 32.9 27.3 40.9



#60  
Diethylphthalate  
Concen: 44.10 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



Tgt Ion:149 Resp: 1168787  
Ion Ratio Lower Upper  
149 100  
177 19.9 15.4 23.2  
150 12.9 9.9 14.9



Instrument :

BNA\_F

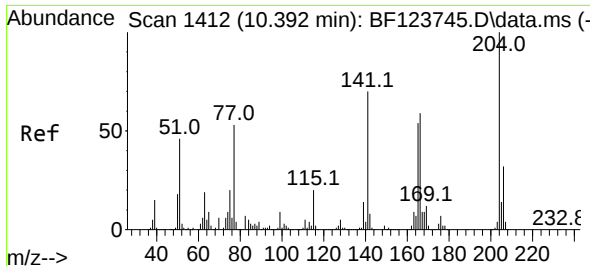
ClientSampleId :

PB136245BSD

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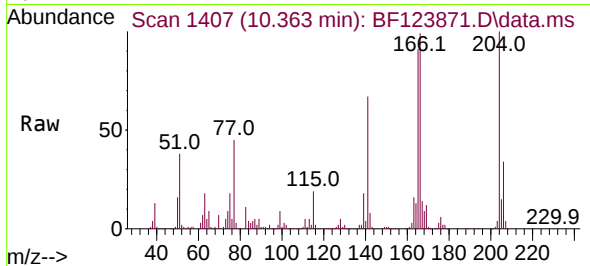
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#61  
4-Chlorophenyl-phenylether  
Concen: 42.91 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

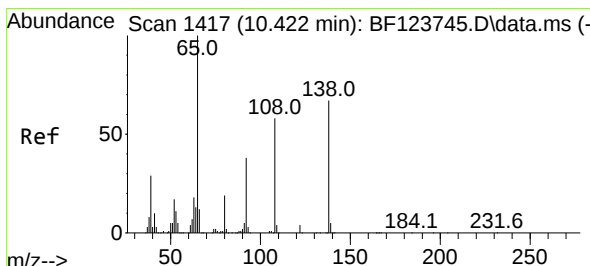
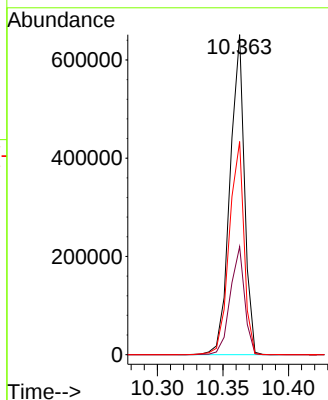
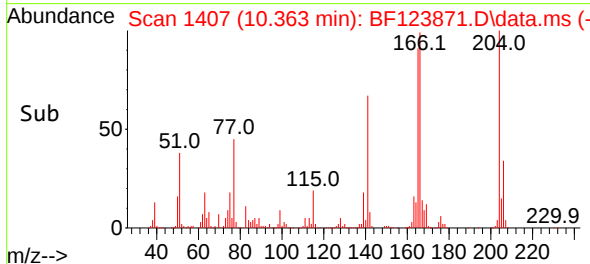
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



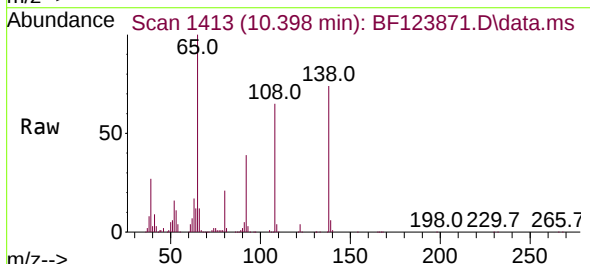
Tgt Ion:204 Resp: 499177  
Ion Ratio Lower Upper  
204 100  
206 33.8 25.7 38.5  
141 66.6 55.5 83.3

Manual Integrations  
APPROVED

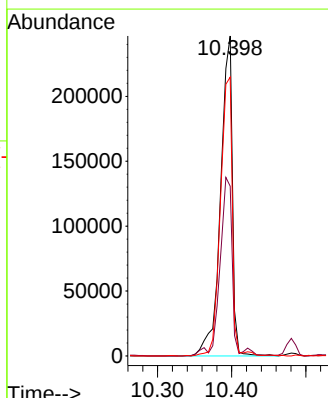
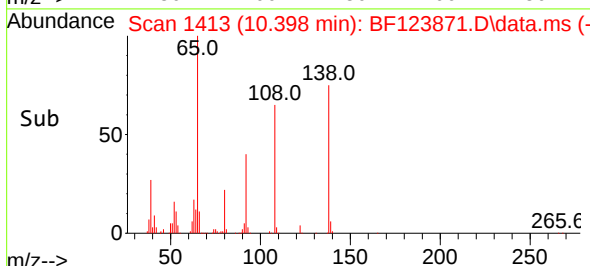
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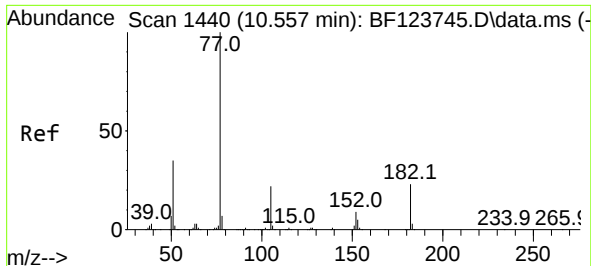


#62  
4-Nitroaniline  
Concen: 40.18 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. 0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



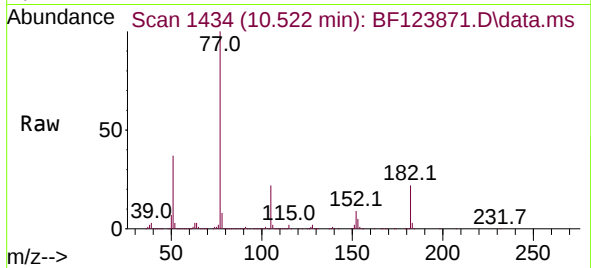
Tgt Ion:138 Resp: 273747  
Ion Ratio Lower Upper  
138 100  
92 53.0 35.8 75.8  
108 87.1 63.6 103.6





#63  
Azobenzene  
Concen: 40.27 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

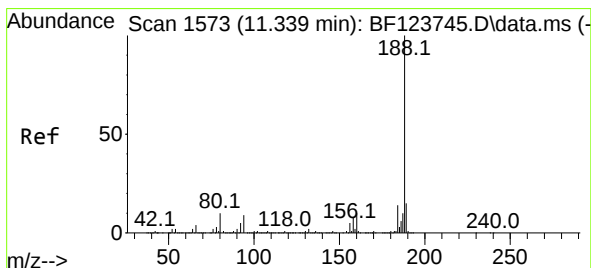
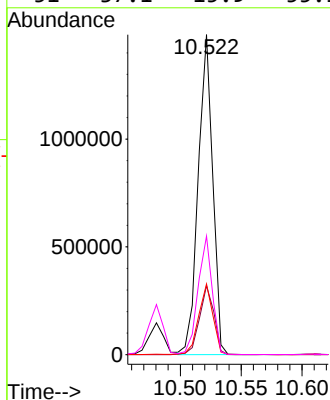
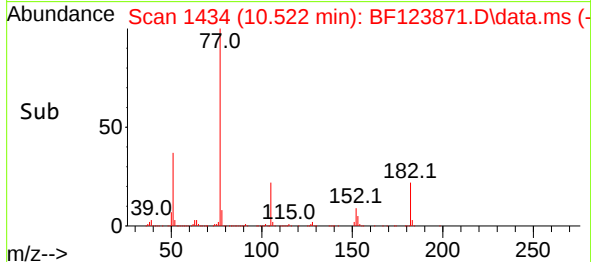
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



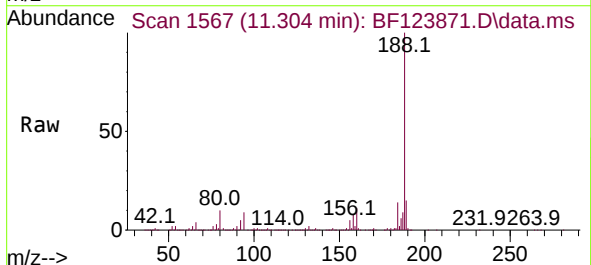
Tgt Ion: 77 Resp: 1226685  
Ion Ratio Lower Upper  
77 100  
182 21.6 1.7 41.7  
105 22.1 1.7 41.7  
51 37.1 15.9 55.9

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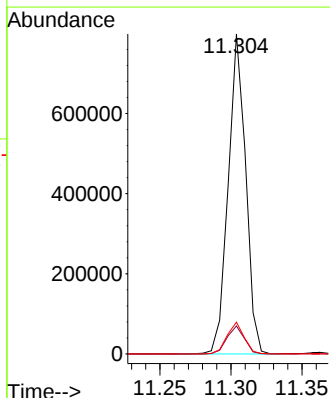
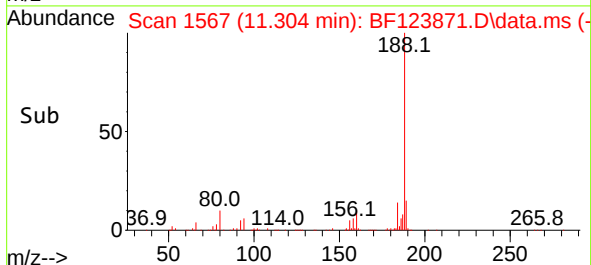
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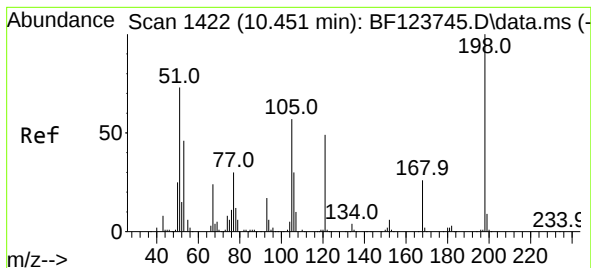


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



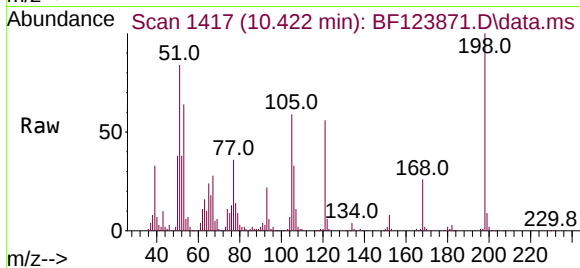
Tgt Ion: 188 Resp: 684726  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.9 10.3  
80 9.9 8.2 12.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.92 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

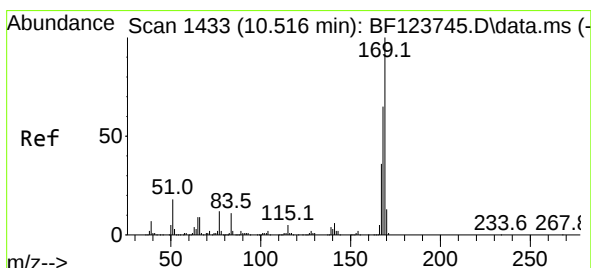
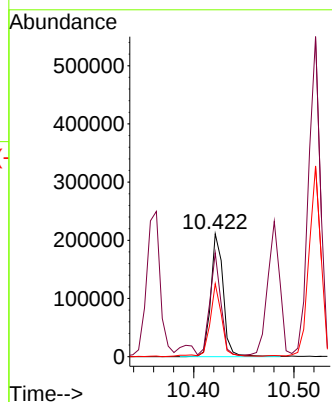
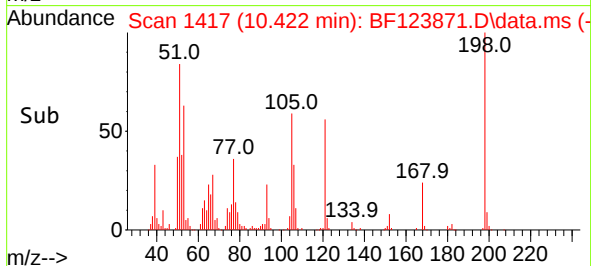
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



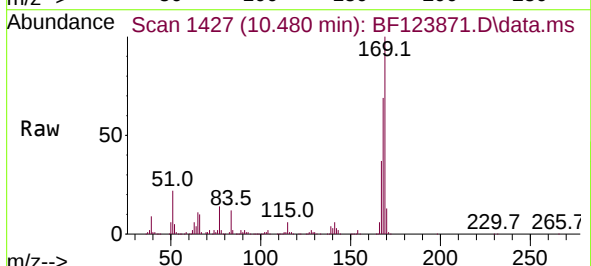
Tgt Ion:198 Resp: 182082  
Ion Ratio Lower Upper  
198 100  
51 84.4 64.8 104.8  
105 59.3 42.6 82.6

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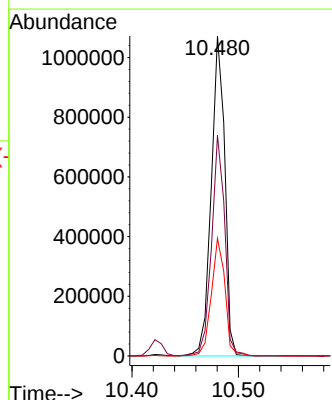
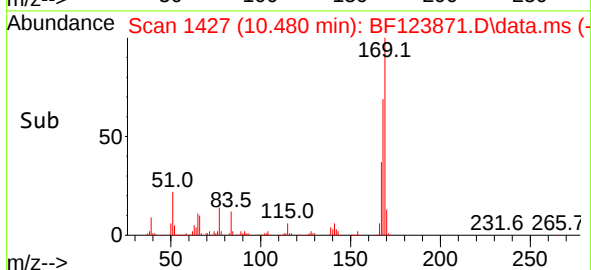
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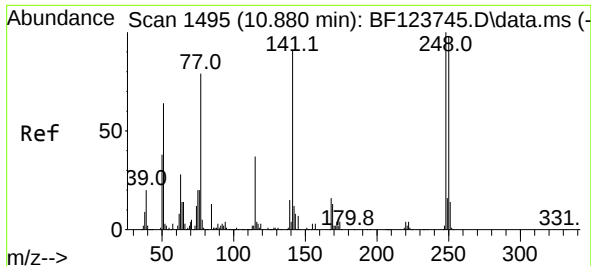


#66  
n-Nitrosodiphenylamine  
Concen: 42.24 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



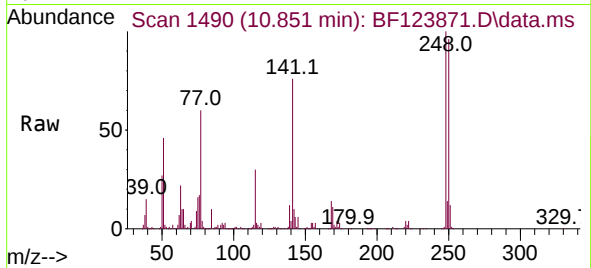
Tgt Ion:169 Resp: 946136  
Ion Ratio Lower Upper  
169 100  
168 69.0 53.3 79.9  
167 36.7 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 44.03 ng  
RT: 10.851 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

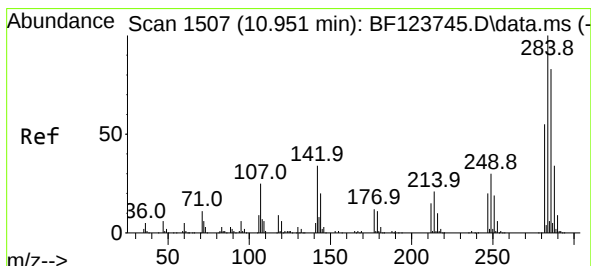
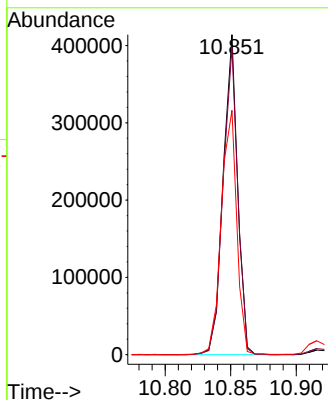
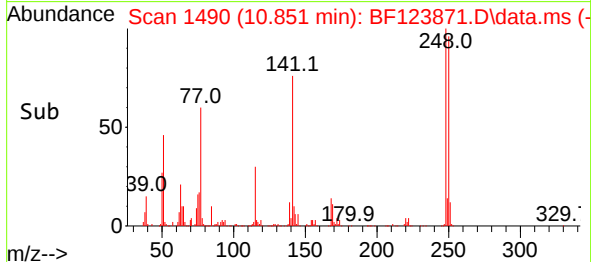
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



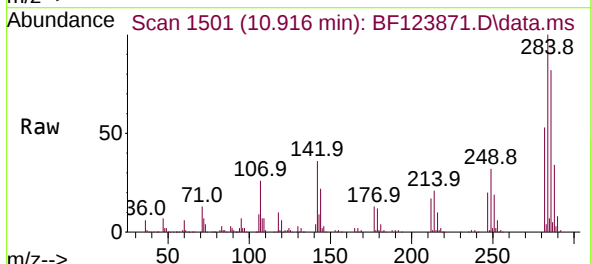
Tgt Ion:248 Resp: 317507  
Ion Ratio Lower Upper  
248 100  
250 96.0 77.4 116.2  
141 76.4 63.7 95.5

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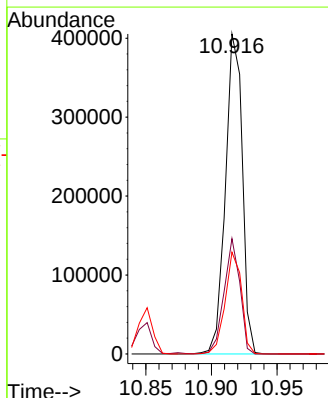
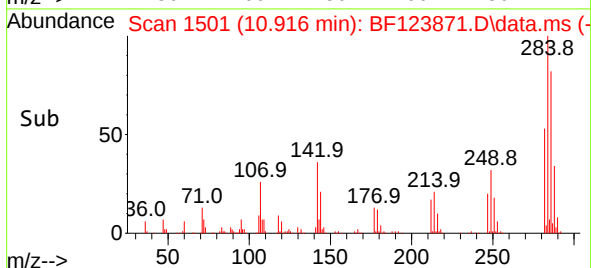
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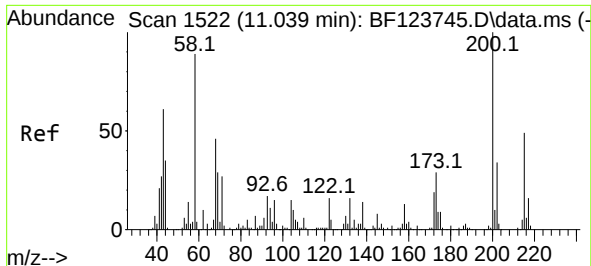


#68  
Hexachlorobenzene  
Concen: 44.07 ng  
RT: 10.916 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

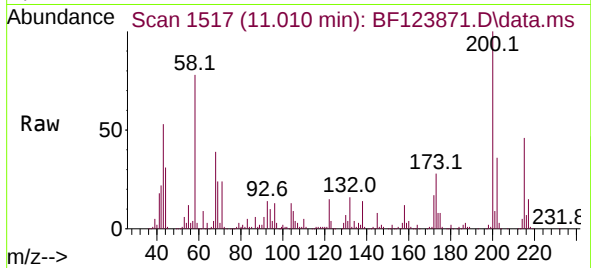


Tgt Ion:284 Resp: 361729  
Ion Ratio Lower Upper  
284 100  
142 36.0 28.3 42.5  
249 31.8 23.5 35.3

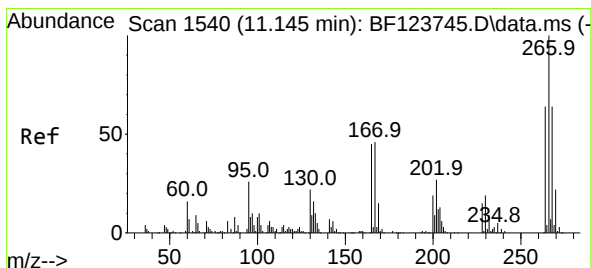
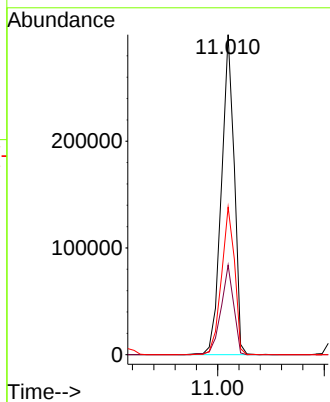
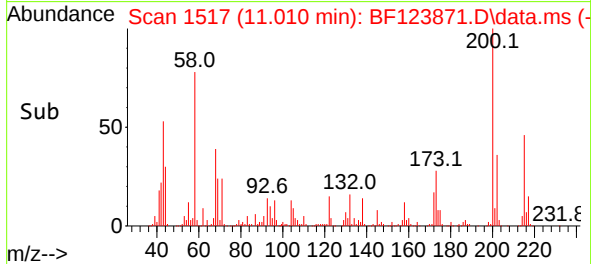




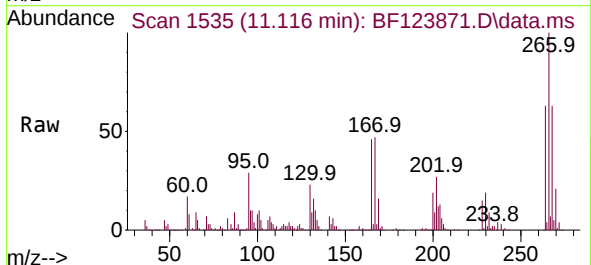
#69  
Atrazine  
Concen: 36.69 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



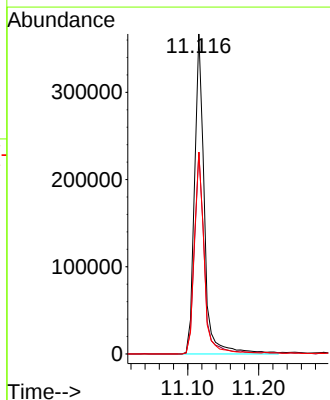
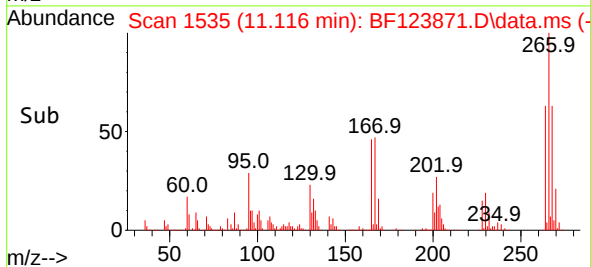
Tgt Ion:200 Resp: 248427  
Ion Ratio Lower Upper  
200 100  
173 28.0 6.9 46.9  
215 46.1 26.5 66.5



#70  
Pentachlorophenol  
Concen: 84.36 ng  
RT: 11.116 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



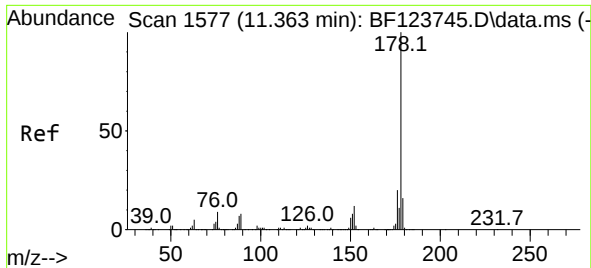
Tgt Ion:266 Resp: 352858  
Ion Ratio Lower Upper  
266 100  
268 63.1 51.6 77.4  
264 63.1 52.6 78.8



Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

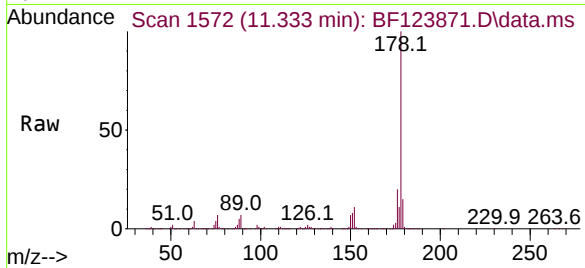
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#71  
Phenanthrene  
Concen: 42.67 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

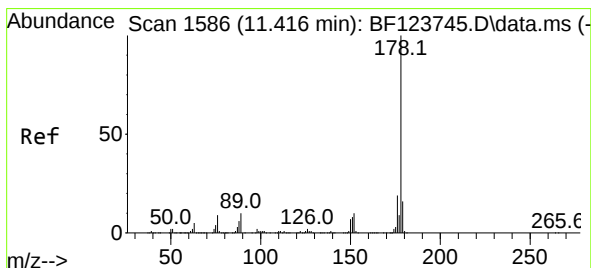
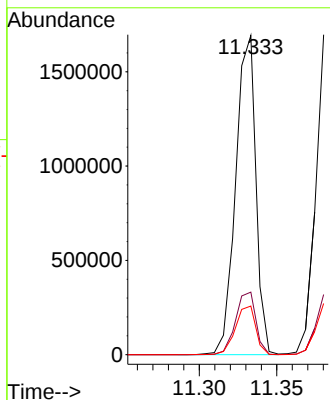
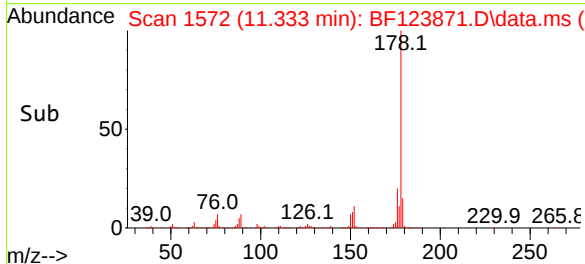
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



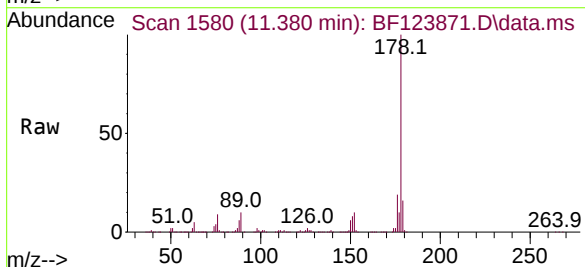
Tgt Ion:178 Resp: 1532521  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.2 12.5 18.7

Manual Integrations  
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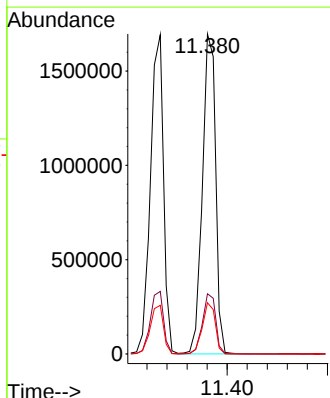
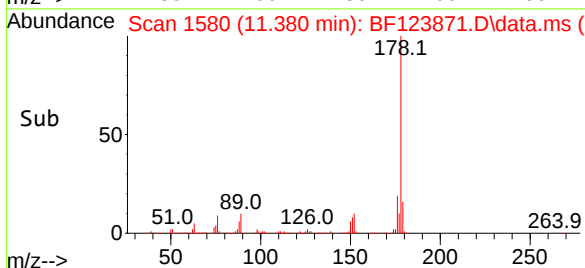
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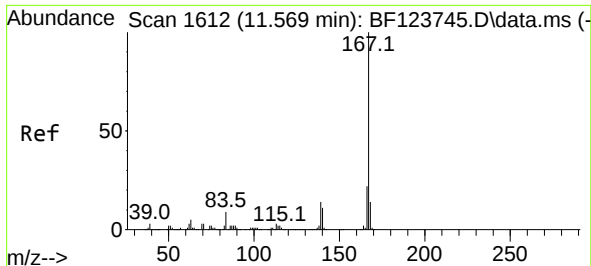


#72  
Anthracene  
Concen: 43.70 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



Tgt Ion:178 Resp: 1560433  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.0  
179 16.0 12.6 18.8





#73  
Carbazole  
Concen: 40.64 ng  
RT: 11.539 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

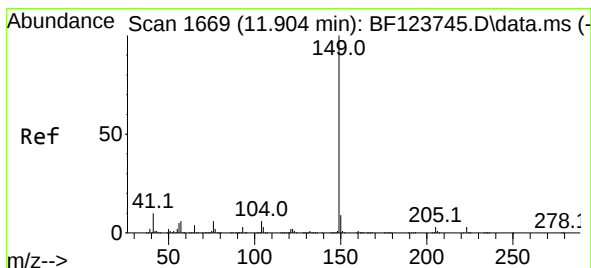
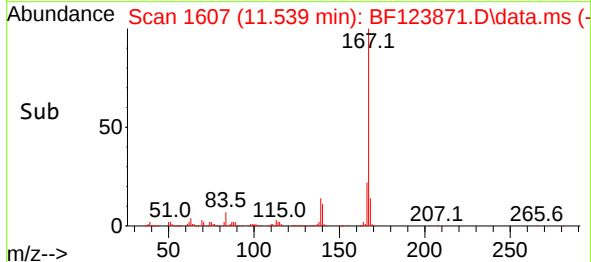
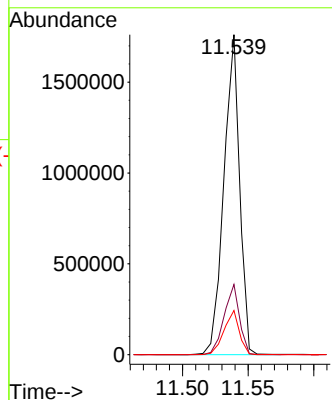
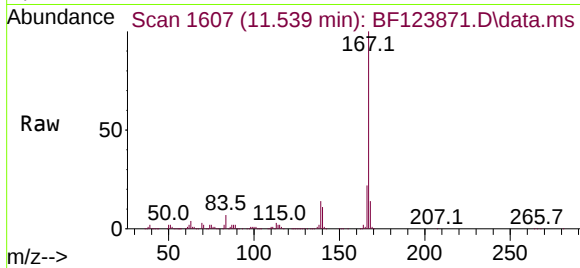
Tgt Ion:167 Resp: 1466874  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.0  | 25.6  |
| 139 | 13.8  | 10.4  | 15.6  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

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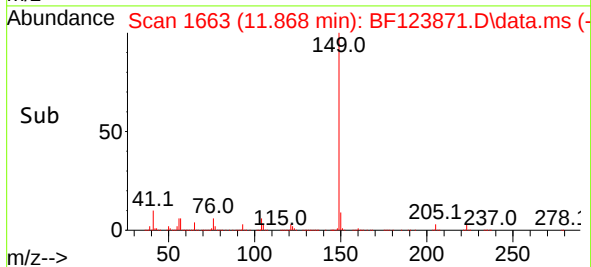
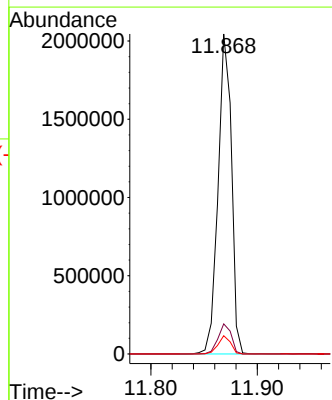
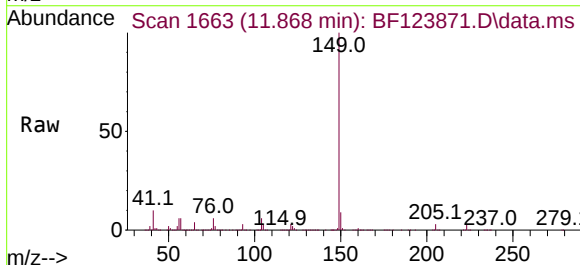
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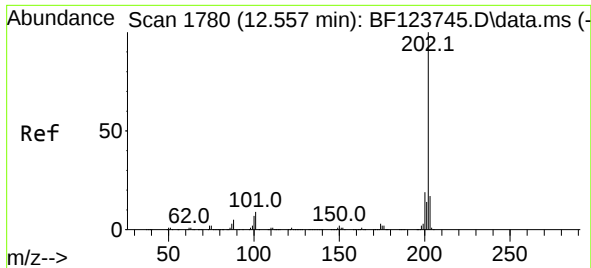


#74  
Di-n-butylphthalate  
Concen: 43.82 ng  
RT: 11.868 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:149 Resp: 1775709  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.8   | 11.8  |
| 104 | 5.7   | 4.6   | 6.8   |





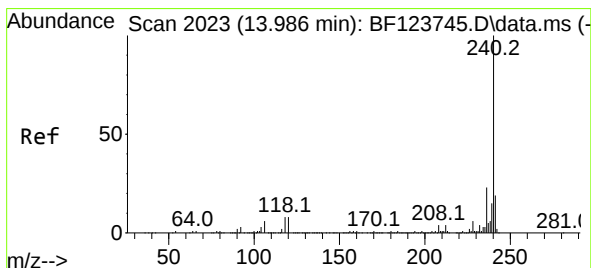
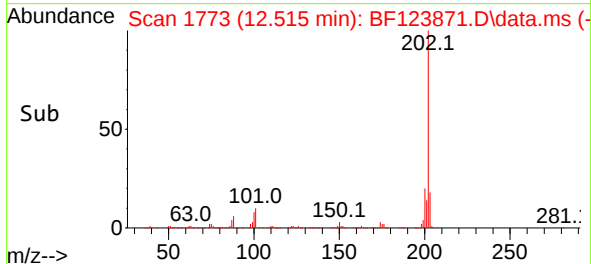
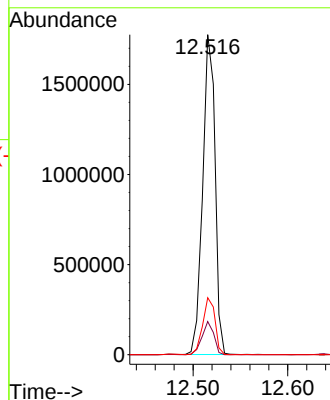
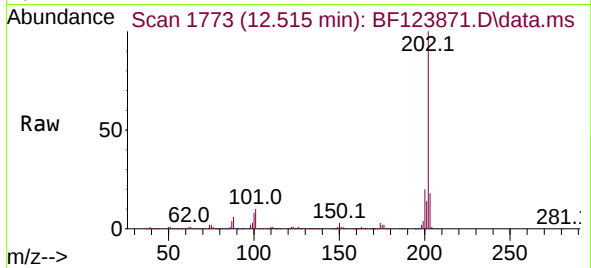
#75  
Fluoranthene  
Concen: 41.23 ng  
RT: 12.515 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:202 Resp: 1615199  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 30.9  
203 17.8 0.0 37.5

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

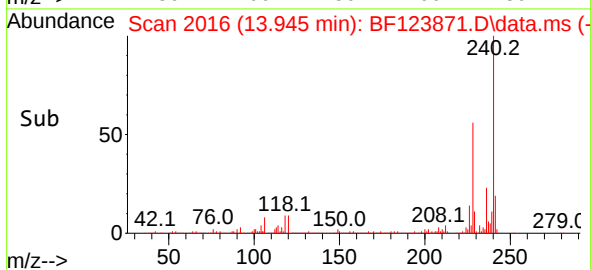
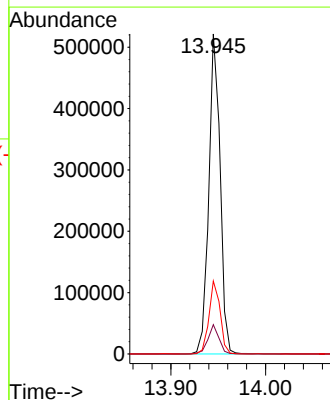
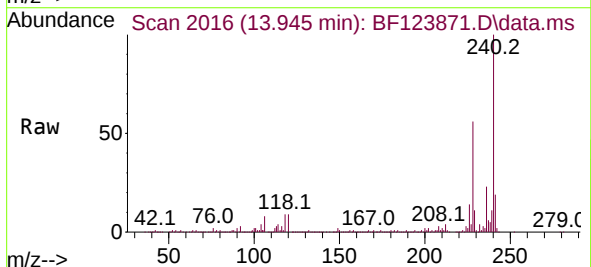
Manual Integrations  
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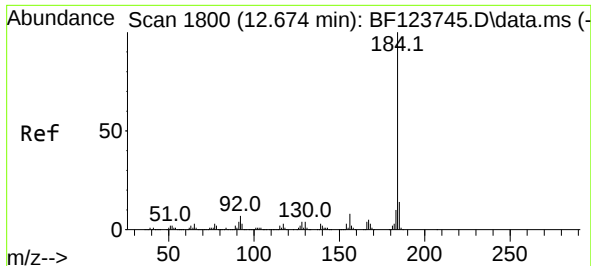
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:240 Resp: 431362  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.2 10.8  
236 22.8 19.0 28.4





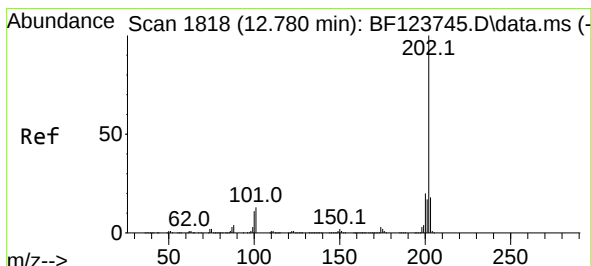
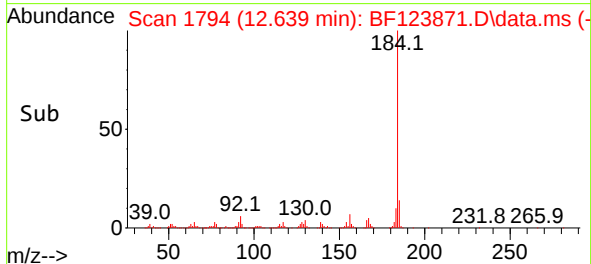
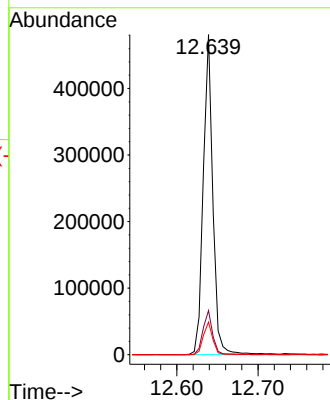
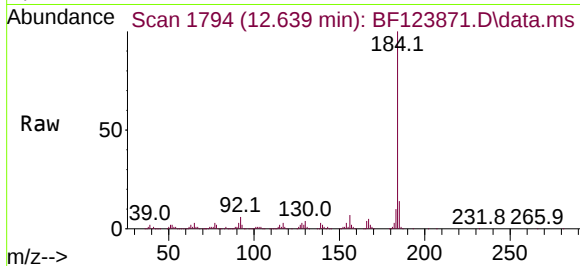
#77  
Benzidine  
Concen: 35.34 ng  
RT: 12.639 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:184 Resp: 394752  
Ion Ratio Lower Upper  
184 100  
185 13.8 12.1 18.1  
183 10.2 7.8 11.8

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

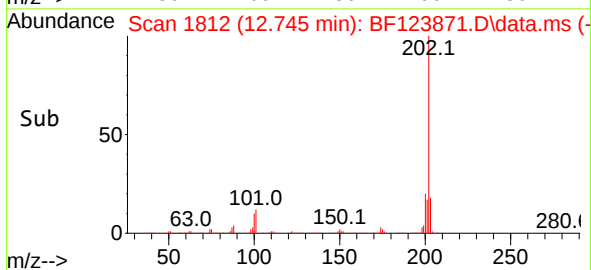
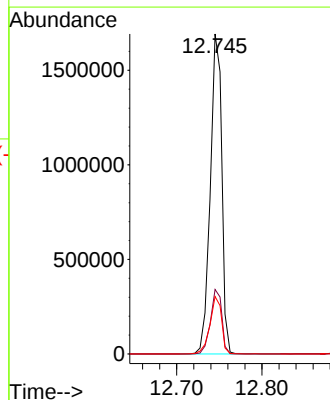
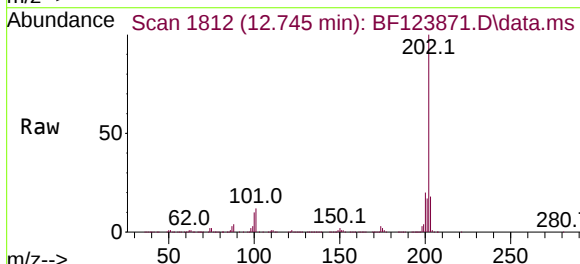
Manual Integrations  
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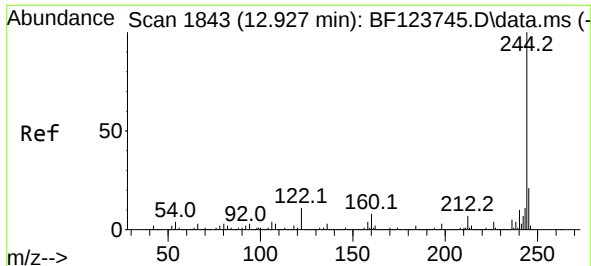
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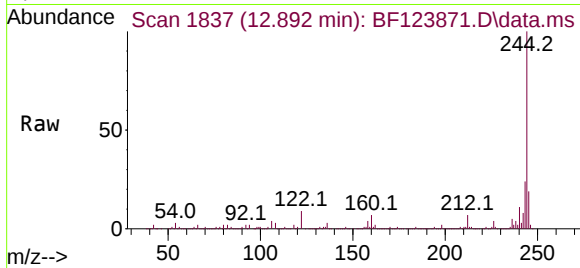
#78  
Pyrene  
Concen: 47.30 ng  
RT: 12.745 min Scan# 1812  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:202 Resp: 1583870  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.1 24.1  
203 18.0 14.8 22.2

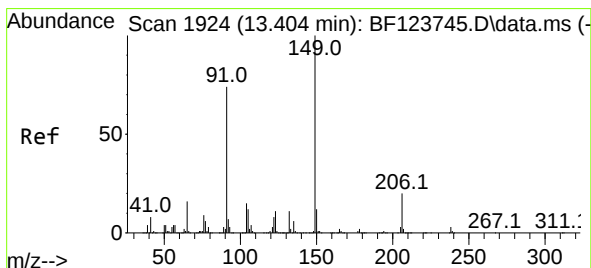
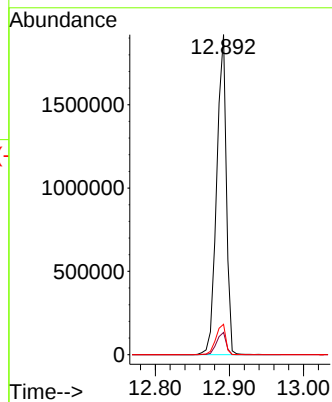
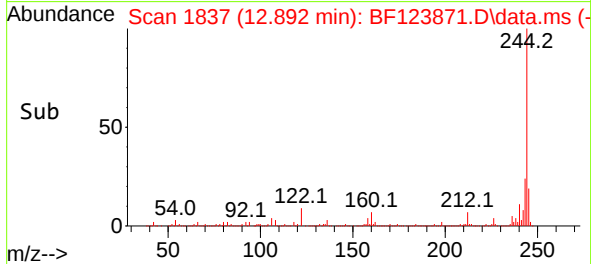




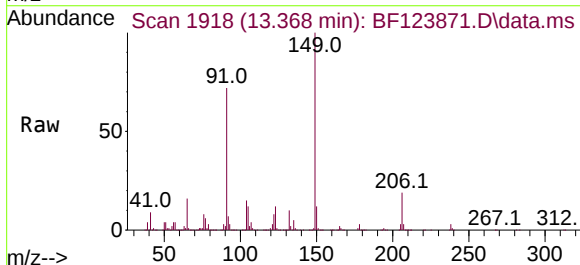
#79  
Terphenyl-d14  
Concen: 77.22 ng  
RT: 12.892 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



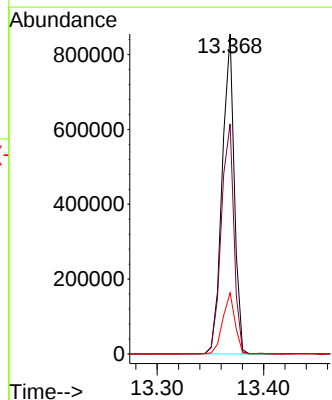
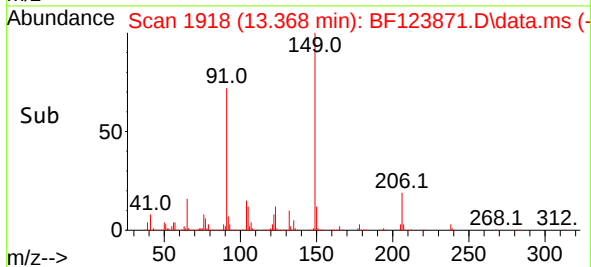
Tgt Ion:244 Resp: 1729751  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.7 8.5  
122 9.5 9.7 14.5#



#80  
Butylbenzylphthalate  
Concen: 47.01 ng  
RT: 13.368 min Scan# 1918  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



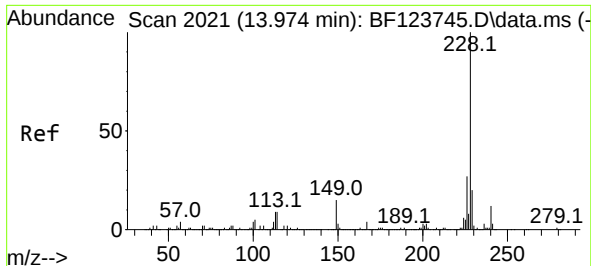
Tgt Ion:149 Resp: 672501  
Ion Ratio Lower Upper  
149 100  
91 71.9 63.6 95.4  
206 19.1 14.5 21.7



Instrument :  
BNA\_F  
ClientSampleId :  
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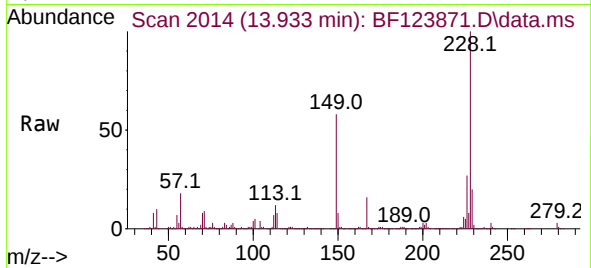
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#81  
Benzo(a)anthracene  
Concen: 42.46 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

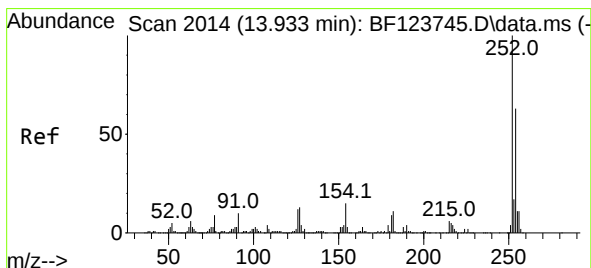
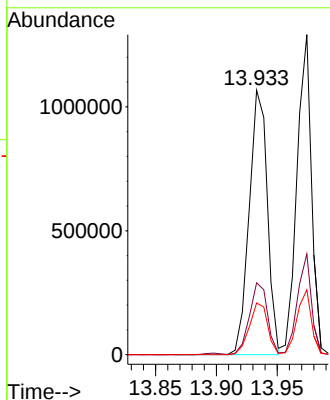
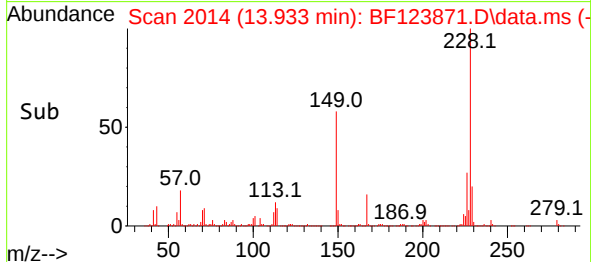
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



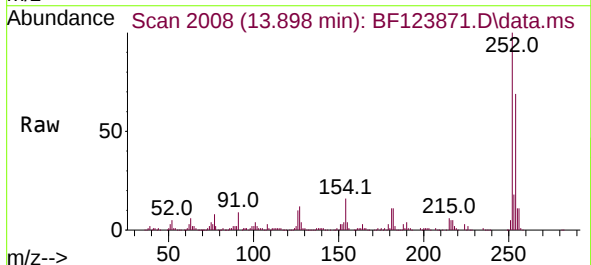
Tgt Ion:228 Resp: 1109900  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.4 33.6  
229 19.6 16.0 24.0

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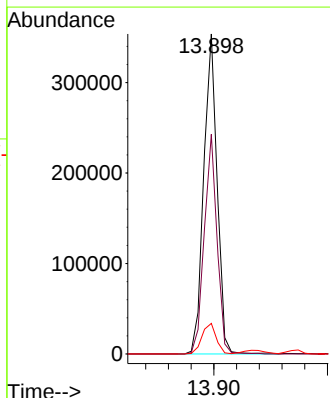
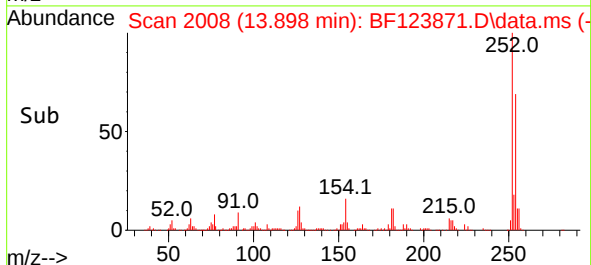
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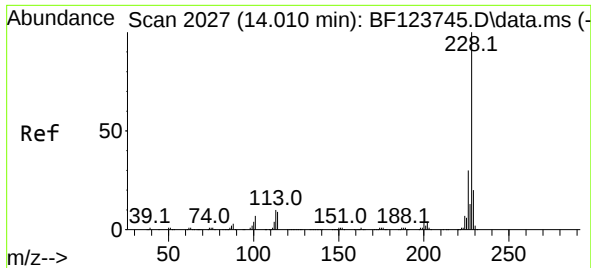


#82  
3,3'-Dichlorobenzidine  
Concen: 36.04 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



Tgt Ion:252 Resp: 289349  
Ion Ratio Lower Upper  
252 100  
254 68.7 51.1 76.7  
126 9.5 7.7 11.5





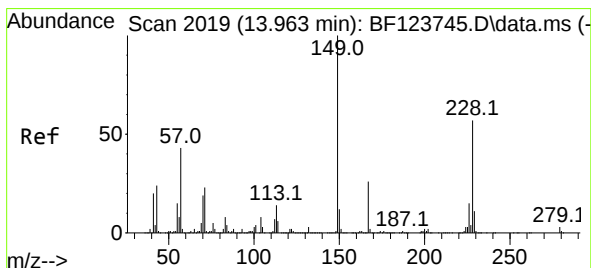
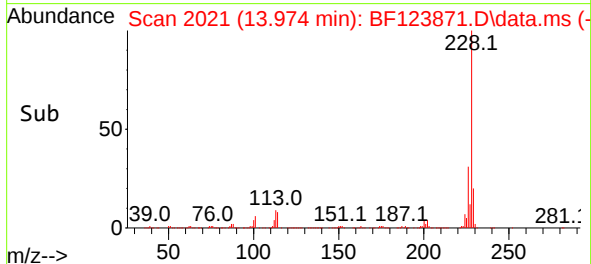
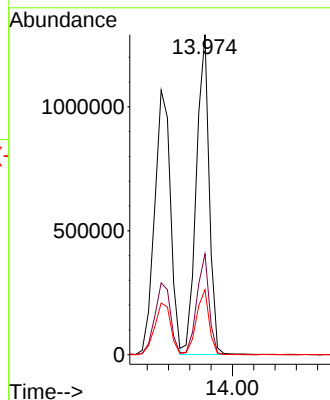
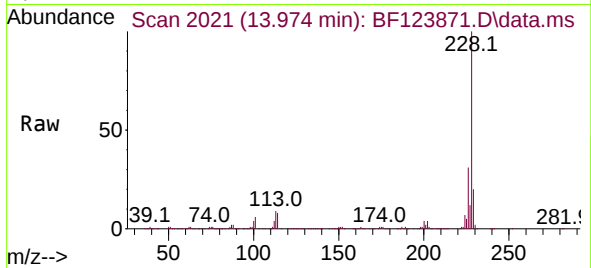
#83  
Chrysene  
Concen: 41.08 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion:228 Resp: 1080376  
Ion Ratio Lower Upper  
228 100  
226 31.5 24.3 36.5  
229 20.3 16.2 24.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

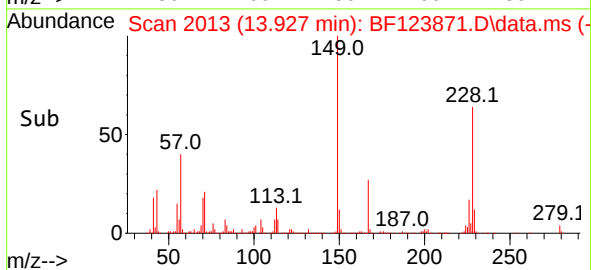
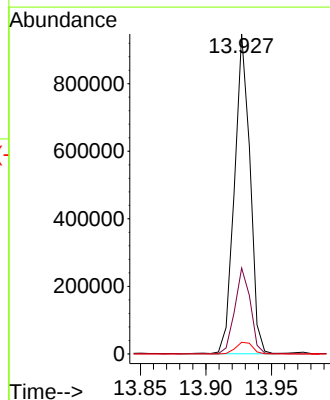
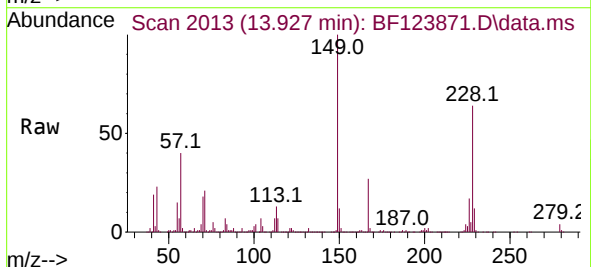
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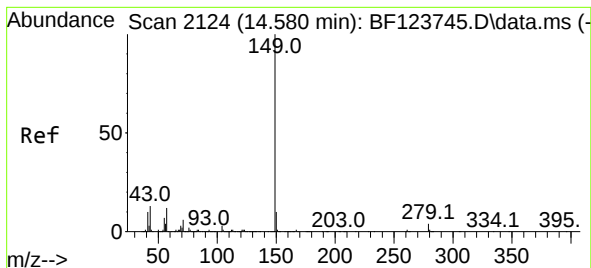
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.98 ng  
RT: 13.927 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

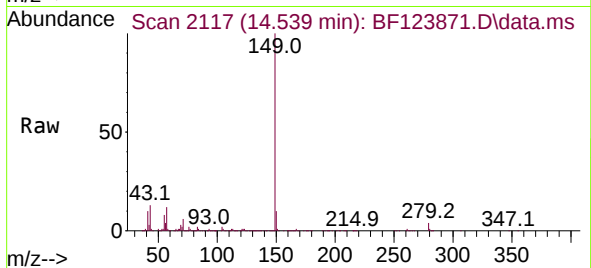
Tgt Ion:149 Resp: 781614  
Ion Ratio Lower Upper  
149 100  
167 26.8 21.8 32.6  
279 3.6 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 40.99 ng  
RT: 14.539 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

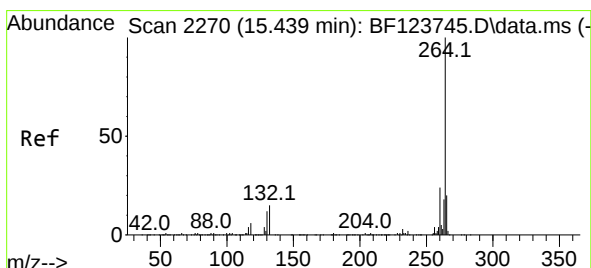
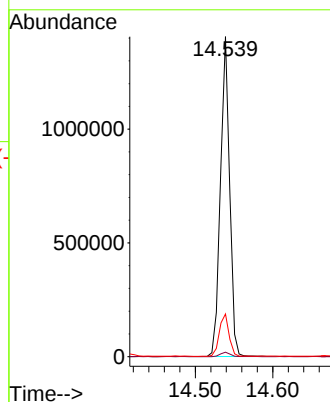
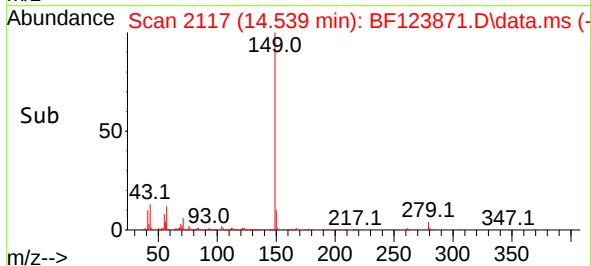
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



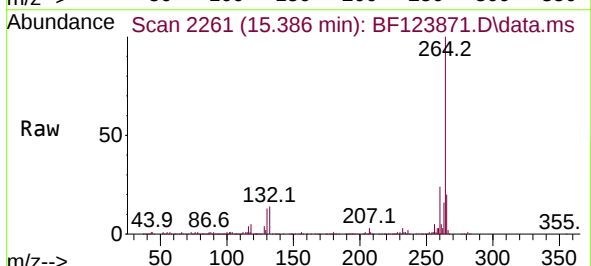
Tgt Ion:149 Resp: 1164767  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 13.9 11.8 17.6

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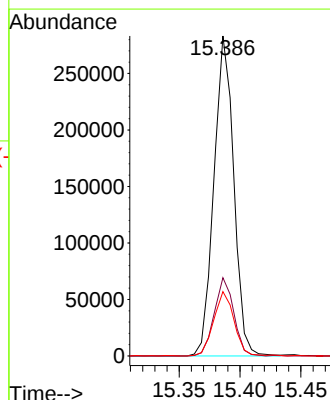
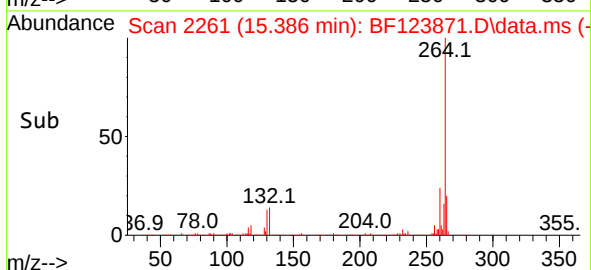
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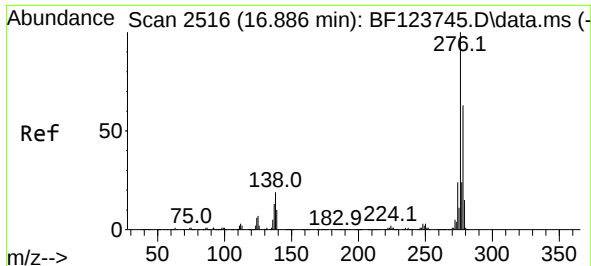


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.386 min Scan# 2261  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



Tgt Ion:264 Resp: 320564  
Ion Ratio Lower Upper  
264 100  
260 24.5 18.7 28.1  
265 20.1 17.8 26.8





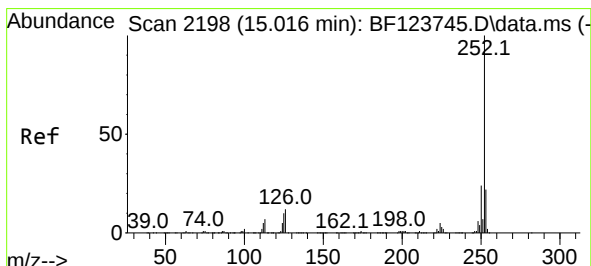
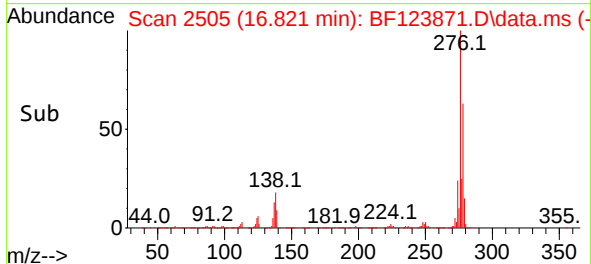
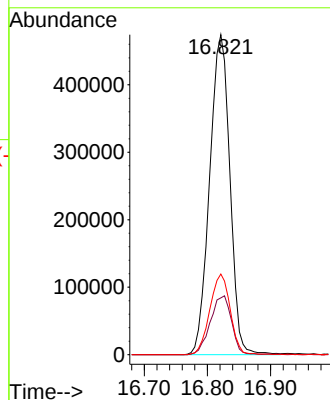
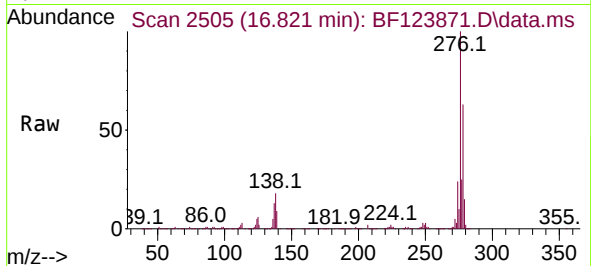
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 56.62 ng  
RT: 16.821 min Scan# 2505  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

Tgt Ion: 276 Resp: 1057102  
Ion Ratio Lower Upper  
276 100  
138 19.3 16.2 24.2  
277 25.4 20.1 30.1

Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

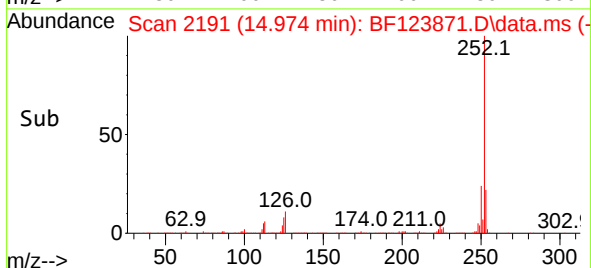
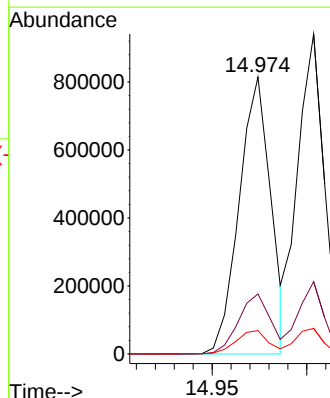
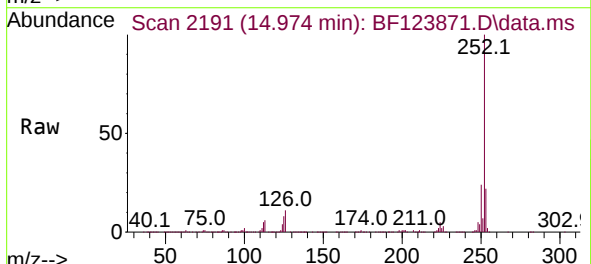
Manual Integrations  
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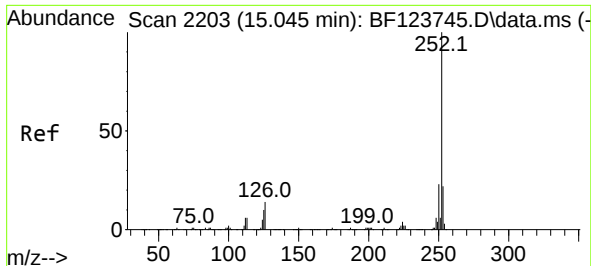
mohammad  
5/10/2021 3:25:56 PM



#88  
Benzo(b)fluoranthene  
Concen: 43.68 ng  
RT: 14.974 min Scan# 2191  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

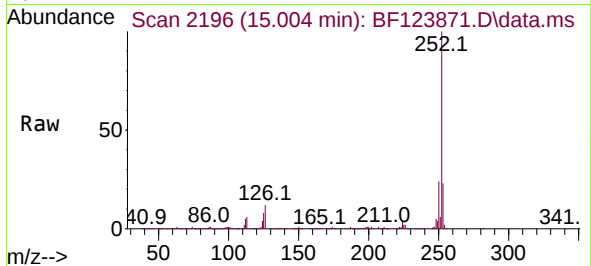
Tgt Ion: 252 Resp: 943553  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.1 27.1  
125 8.4 6.2 9.4





#89  
Benzo(k)fluoranthene  
Concen: 44.68 ng  
RT: 15.004 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

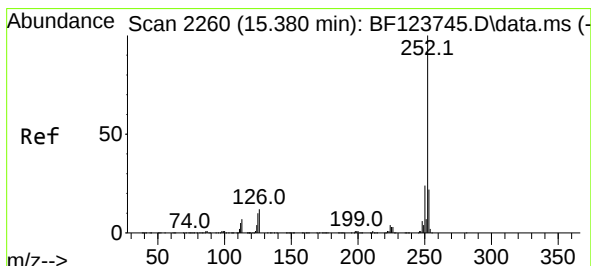
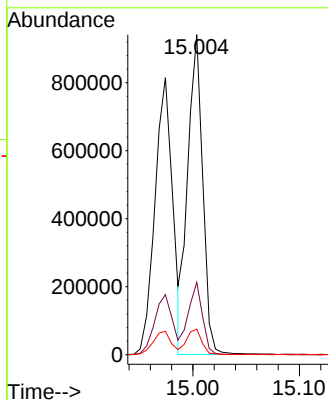
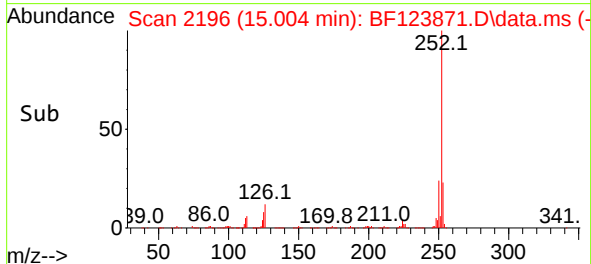
Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD



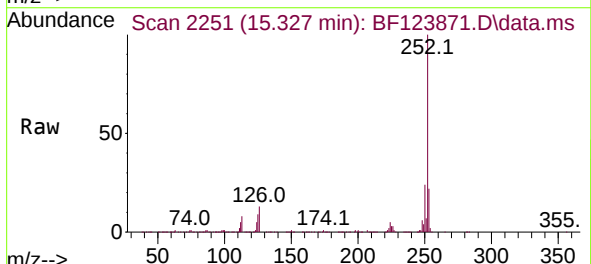
Tgt Ion:252 Resp: 921161  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.9 26.9  
125 8.0 7.0 10.6

Manual Integrations  
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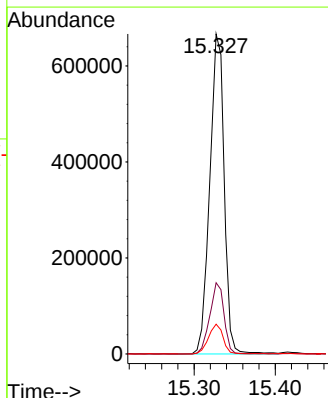
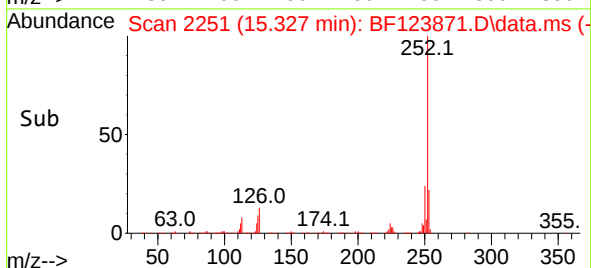
mohammad  
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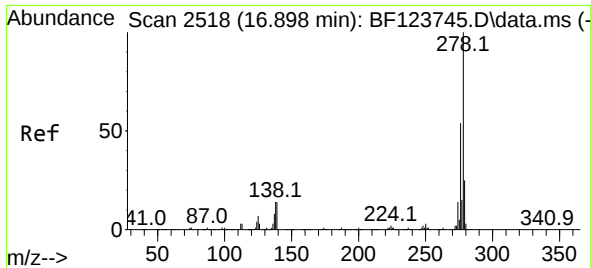


#90  
Benzo(a)pyrene  
Concen: 44.51 ng  
RT: 15.327 min Scan# 2251  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44

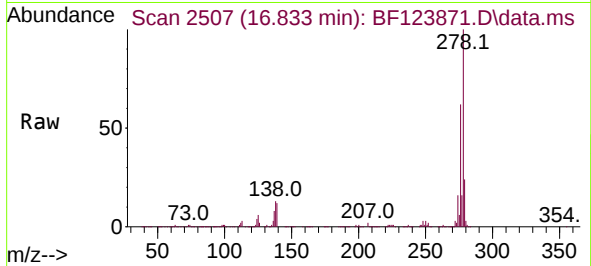


Tgt Ion:252 Resp: 822162  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.4 27.6  
125 9.3 8.0 12.0

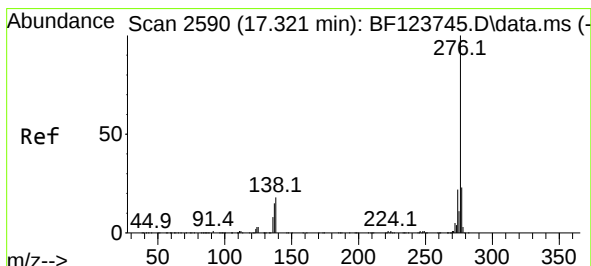
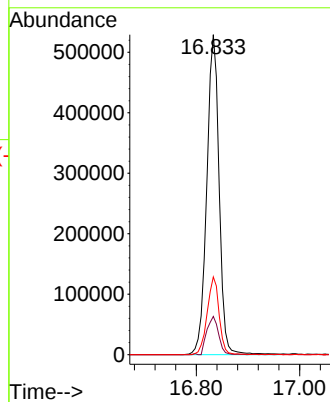
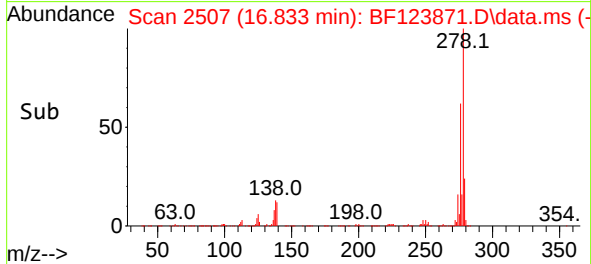




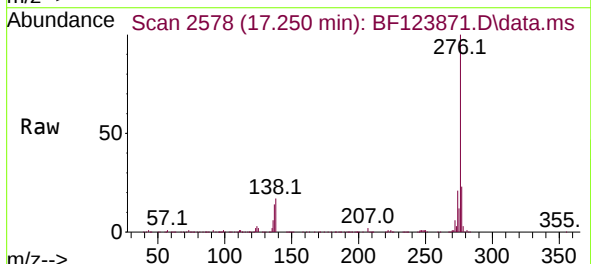
#91  
Dibenzo(a,h)anthracene  
Concen: 55.70 ng  
RT: 16.833 min Scan# 2507  
Delta R.T. 0.000 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



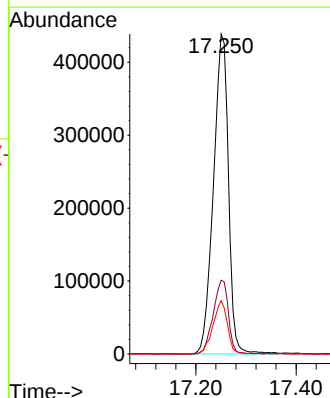
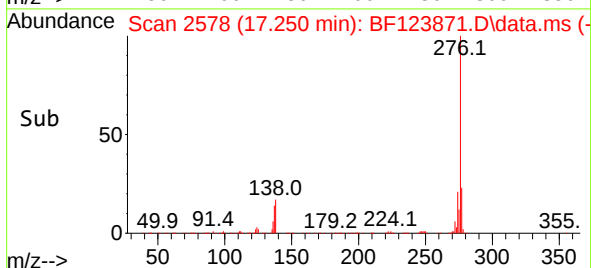
Tgt Ion:278 Resp: 878019  
Ion Ratio Lower Upper  
278 100  
139 11.9 10.2 15.2  
279 24.3 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 57.65 ng  
RT: 17.250 min Scan# 2578  
Delta R.T. -0.006 min  
Lab File: BF123871.D  
Acq: 7 May 2021 17:44



Tgt Ion:276 Resp: 910170  
Ion Ratio Lower Upper  
276 100  
277 23.1 18.2 27.2  
138 16.6 13.8 20.6



Instrument :  
BNA\_F  
ClientSampleId :  
PB136245BSD

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