

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052822\  
 Data File : BF128546.D  
 Acq On : 28 May 2022 14:04  
 Operator : CG\JU  
 Sample : N2931-07MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P009-SS003-2430-01MSD

Quant Time: May 28 22:42:19 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 197751   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 759912   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.880  | 164  | 418932   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 753946   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 431862   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.474 | 264  | 387091   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 1076536  | 90.173  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.469  | 99   | 1434438  | 94.234  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 996815   | 75.672  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.674 | 330  | 355967   | 89.270  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1787765  | 69.331  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 1788734  | 80.020  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.710  | 88   | 222828   | 41.858  | ng    | 99       |
| 3) Pyridine                   | 3.446  | 79   | 570050   | 41.361  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.404  | 42   | 353938   | 49.007  | ng    | # 94     |
| 6) Aniline                    | 6.504  | 93   | 730073   | 41.101  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.622  | 128  | 622756   | 50.307  | ng    | 96       |
| 9) Benzaldehyde               | 6.392  | 77   | 399807   | 74.819  | ng    | 97       |
| 10) Phenol                    | 6.481  | 94   | 766455   | 50.813  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 577677   | 46.784  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 653957   | 46.496  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 656868   | 46.174  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 638489   | 48.764  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.981  | 79   | 568494   | 48.967  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 1011729  | 46.297  | ng    | 97       |
| 17) 2-Methylphenol            | 7.092  | 107  | 507335   | 48.152  | ng    | 98       |
| 18) Hexachloroethane          | 7.351  | 117  | 246632   | 49.148  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 432043   | 46.291  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 580761   | 45.627  | ng    | # 89     |
| 22) Acetophenone              | 7.251  | 105  | 801902   | 45.765  | ng    | # 91     |
| 24) Nitrobenzene              | 7.422  | 77   | 673091   | 51.685  | ng    | 100      |
| 25) Isophorone                | 7.663  | 82   | 1252946  | 51.561  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 321035   | 58.982  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 592359   | 54.753  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 731642   | 46.392  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.981  | 162  | 529255   | 47.270  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 562836   | 46.409  | ng    | 99       |
| 31) Naphthalene               | 8.145  | 128  | 1734346  | 46.631  | ng    | 100      |
| 32) Benzoic acid              | 7.898  | 122  | 430224   | 56.255  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 362718   | 24.493  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 358664   | 46.839  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.675  | 107  | 565177   | 49.137  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.833  | 142  | 1111743  | 47.356  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.933  | 142  | 1072580  | 46.975  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 516284   | 44.879  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 714133   | 110.433 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 397764   | 46.887  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 9.151  | 196  | 407295   | 46.596  | ng    | # 93     |

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 P009-SS003-2430-01MSD

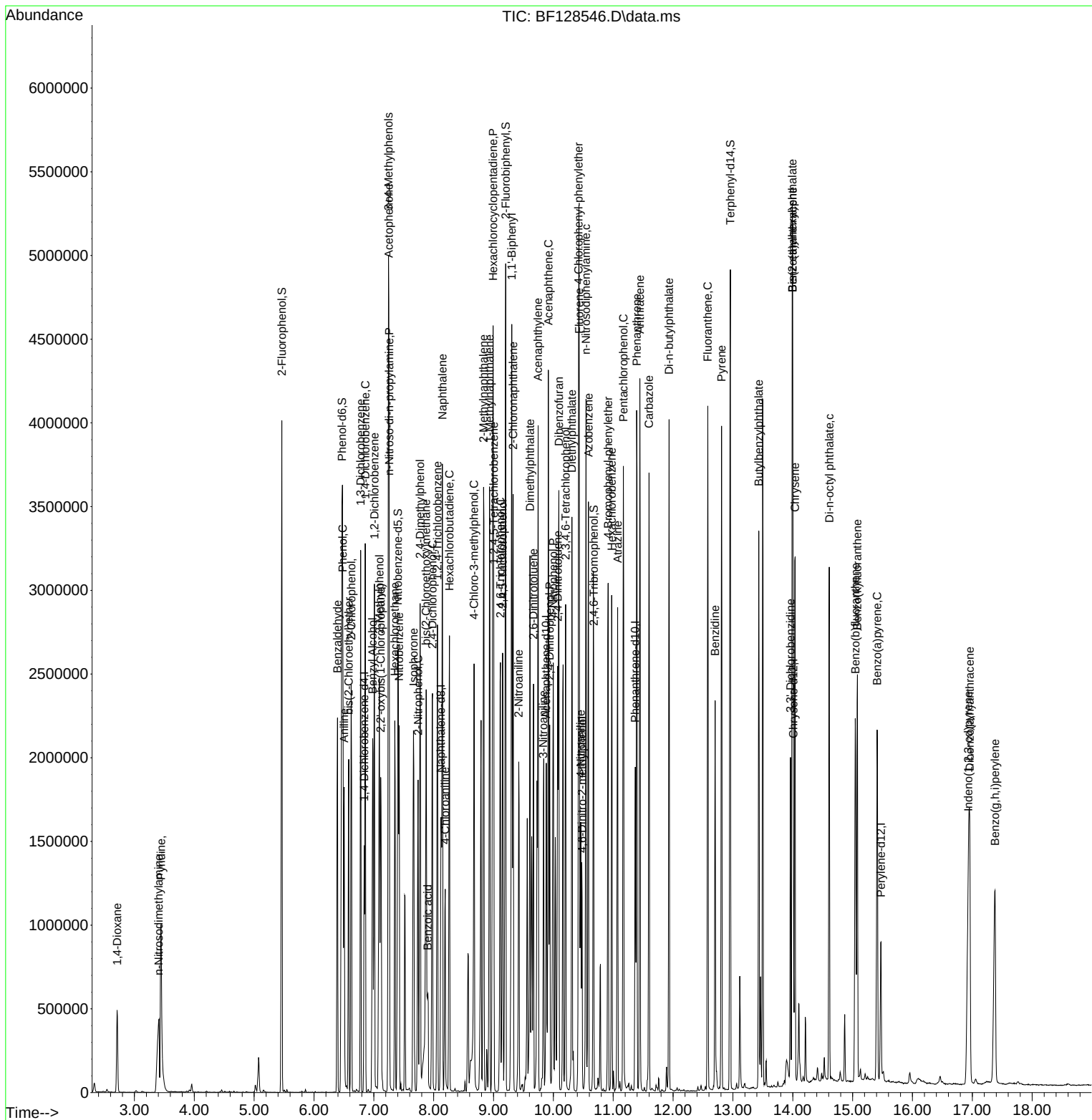
Quant Time: May 28 22:42:19 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

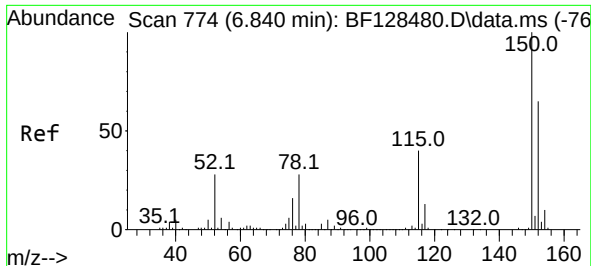
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 1379949  | 46.911  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.327  | 162  | 1069116  | 46.298  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.422  | 65   | 376514   | 58.635  | ng    | 98       |
| 49) Acenaphthylene            | 9.745  | 152  | 1739324  | 49.030  | ng    | 100      |
| 50) Dimethylphthalate         | 9.610  | 163  | 1303068  | 47.952  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 289354   | 58.100  | ng    | 93       |
| 52) Acenaphthene              | 9.916  | 154  | 1030745  | 47.094  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.833  | 138  | 195812   | 34.045  | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 9.939  | 184  | 260982   | 101.327 | ng    | 97       |
| 55) Dibenzofuran              | 10.092 | 168  | 1477036  | 45.484  | ng    | 97       |
| 56) 4-Nitrophenol             | 9.998  | 139  | 481908   | 103.255 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 10.074 | 165  | 381488   | 64.026  | ng    | 97       |
| 58) Fluorene                  | 10.433 | 166  | 1081822  | 46.275  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 324703   | 45.838  | ng    | 98       |
| 60) Diethylphthalate          | 10.310 | 149  | 1254984  | 47.542  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 543938   | 45.858  | ng    | 92       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 291725   | 52.976  | ng    | 98       |
| 63) Azobenzene                | 10.586 | 77   | 1242798  | 46.245  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.480 | 198  | 170128   | 48.734  | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 1045483  | 46.317  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 363219   | 46.629  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.974 | 284  | 409241   | 47.574  | ng    | 100      |
| 69) Atrazine                  | 11.074 | 200  | 348219   | 49.706  | ng    | 97       |
| 70) Pentachlorophenol         | 11.169 | 266  | 438434   | 83.638  | ng    | 99       |
| 71) Phenanthrene              | 11.392 | 178  | 1630432  | 45.651  | ng    | 100      |
| 72) Anthracene                | 11.445 | 178  | 1668665  | 46.774  | ng    | 100      |
| 73) Carbazole                 | 11.598 | 167  | 1493872  | 43.694  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 1860926  | 46.245  | ng    | 100      |
| 75) Fluoranthene              | 12.580 | 202  | 1678492  | 43.958  | ng    | 99       |
| 77) Benzidine                 | 12.704 | 184  | 857767   | 86.111  | ng    | 99       |
| 78) Pyrene                    | 12.810 | 202  | 1668457  | 51.283  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 711567   | 51.852  | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 1179216  | 45.940  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.962 | 252  | 377613   | 57.451  | ng    | 97       |
| 83) Chrysene                  | 14.039 | 228  | 1217801  | 46.326  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 854932   | 51.509  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.609 | 149  | 1455301  | 49.811  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.933 | 276  | 1180244  | 51.695  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 1199789  | 49.825  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 1045312  | 46.853  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.409 | 252  | 1066645  | 55.211  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.956 | 278  | 1038513  | 54.861  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.380 | 276  | 1052854  | 56.074  | ng    | 98       |

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

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BNA\_F  
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P009-SS003-2430-01MSD

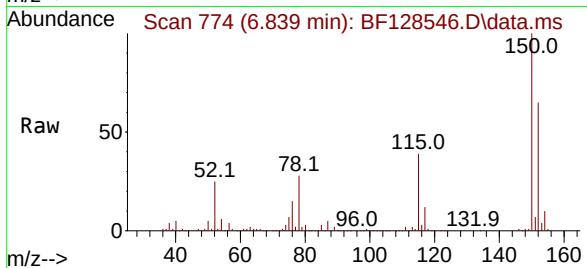
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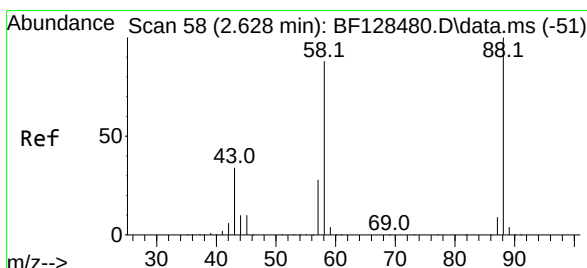
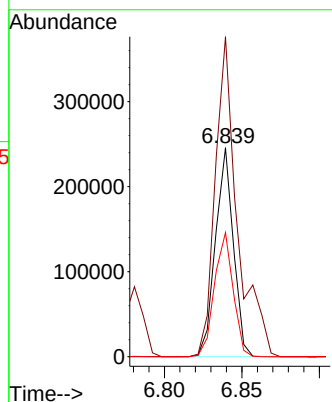
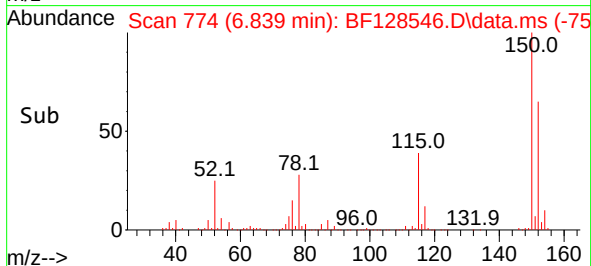


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.839 min Scan# 71  
 Delta R.T. -0.001 min  
 Lab File: BF128546.D  
 Acq: 28 May 2022 14:04

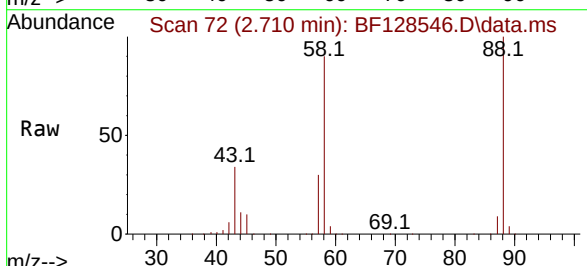
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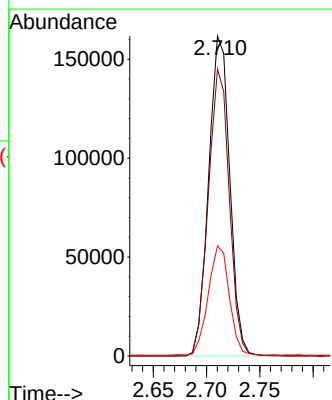
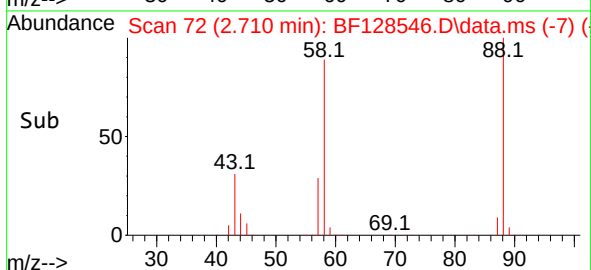
Tgt Ion:152 Resp: 197751  
 Ion Ratio Lower Upper  
 152 100  
 150 153.2 123.7 185.5  
 115 59.4 49.9 74.9

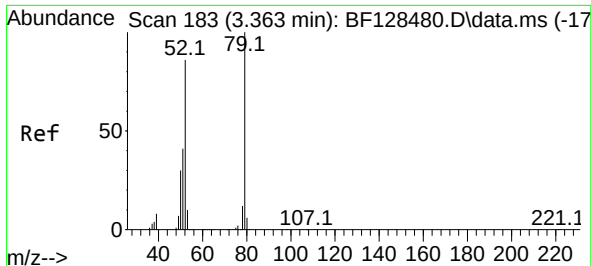


#2  
 1,4-Dioxane  
 Concen: 41.858 ng  
 RT: 2.710 min Scan# 72  
 Delta R.T. 0.082 min  
 Lab File: BF128546.D  
 Acq: 28 May 2022 14:04



Tgt Ion: 88 Resp: 222828  
 Ion Ratio Lower Upper  
 88 100  
 58 89.3 71.8 107.8  
 43 34.2 26.6 39.8

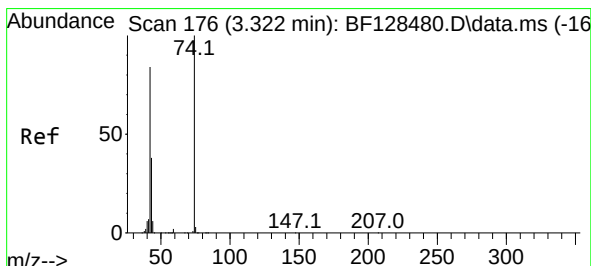
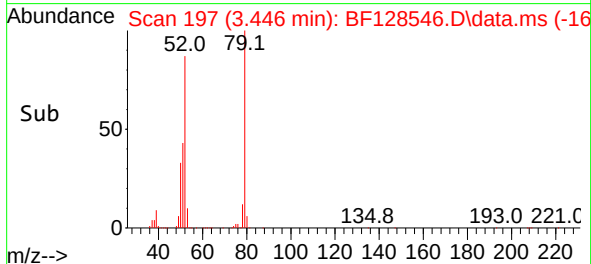
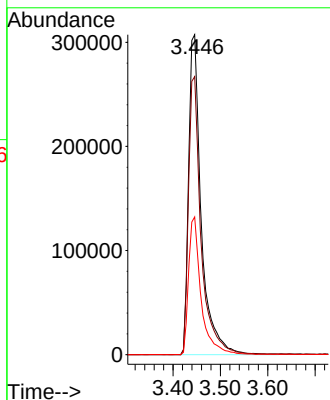
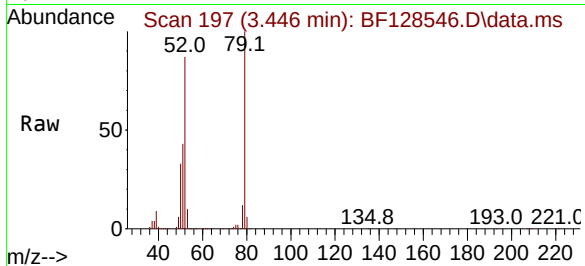




#3  
Pyridine  
Concen: 41.361 ng  
RT: 3.446 min Scan# 190  
Delta R.T. 0.082 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

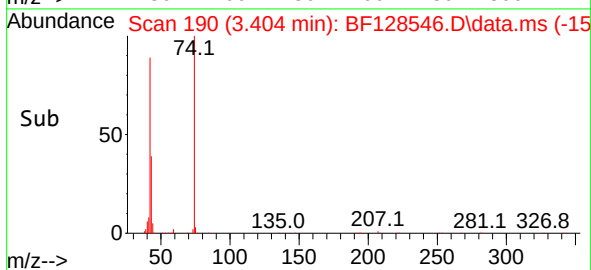
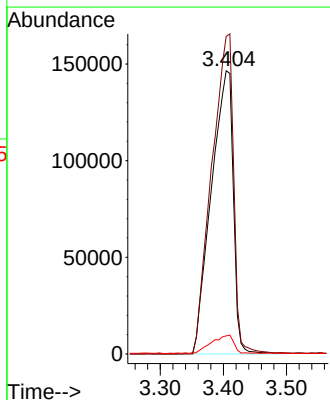
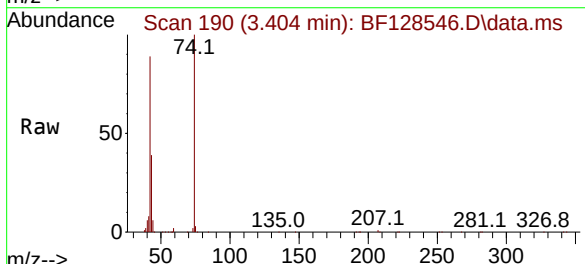
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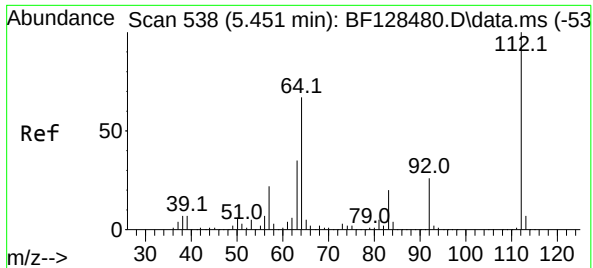
Tgt Ion: 79 Resp: 570050  
Ion Ratio Lower Upper  
79 100  
52 86.9 68.6 102.8  
51 43.0 32.9 49.3



#4  
n-Nitrosodimethylamine  
Concen: 49.007 ng  
RT: 3.404 min Scan# 190  
Delta R.T. 0.082 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion: 42 Resp: 353938  
Ion Ratio Lower Upper  
42 100  
74 112.1 94.8 142.2  
44 6.4 6.6 10.0#

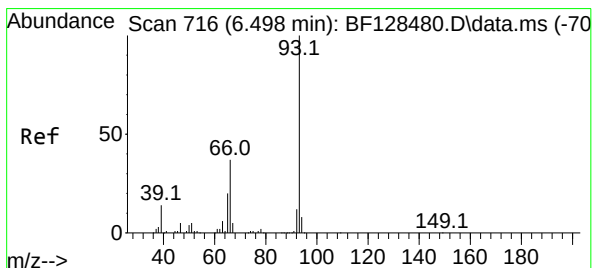
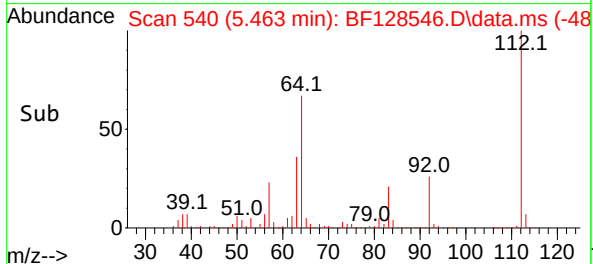
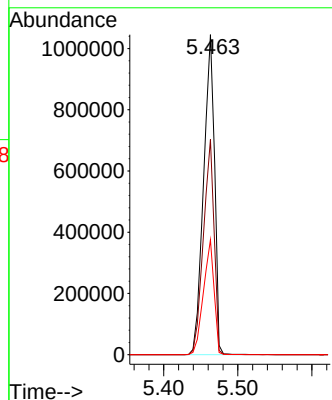
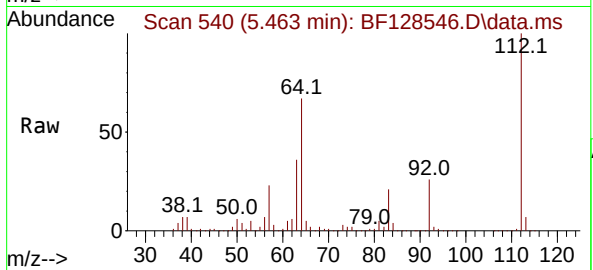




#5  
2-Fluorophenol  
Concen: 90.173 ng  
RT: 5.463 min Scan# 54  
Delta R.T. 0.012 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

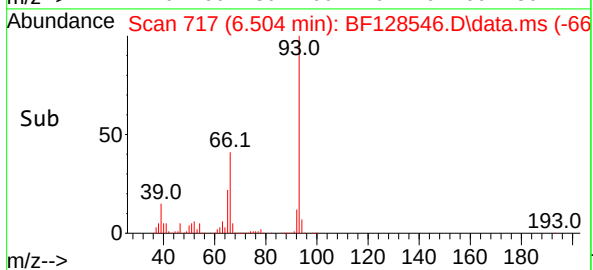
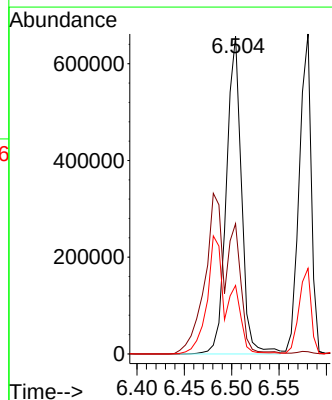
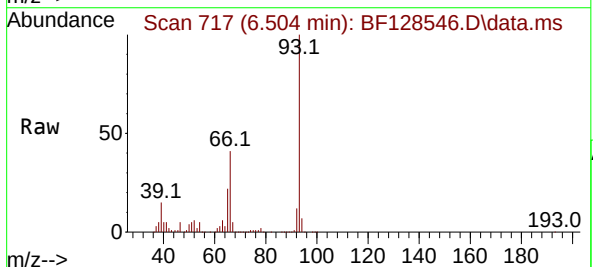
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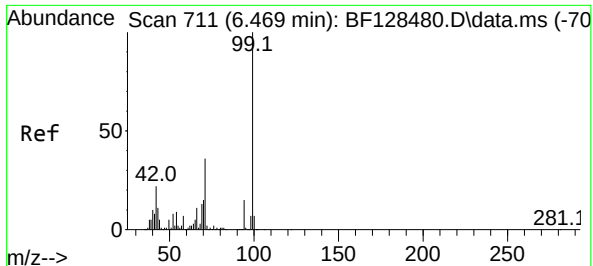
Tgt Ion:112 Resp: 1076536  
Ion Ratio Lower Upper  
112 100  
64 67.2 53.3 79.9  
63 35.9 28.0 42.0



#6  
Aniline  
Concen: 41.101 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion: 93 Resp: 730073  
Ion Ratio Lower Upper  
93 100  
66 41.0 32.5 48.7  
65 21.6 16.4 24.6

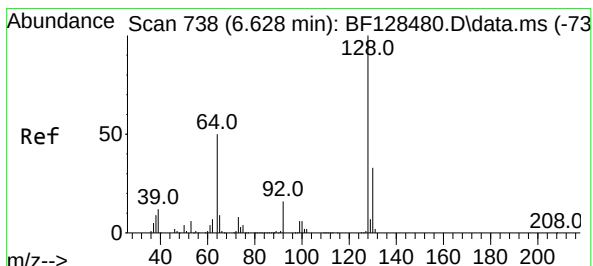
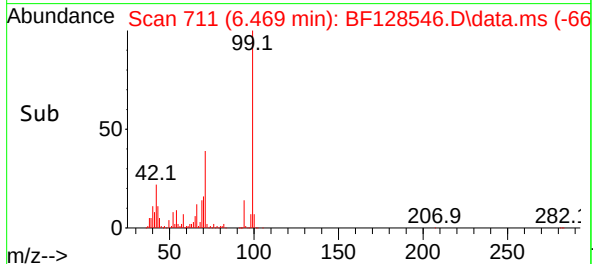
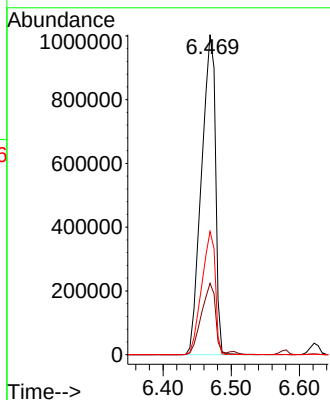
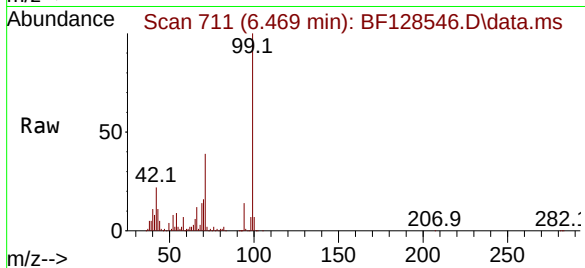




#7  
Phenol-d6  
Concen: 94.234 ng  
RT: 6.469 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

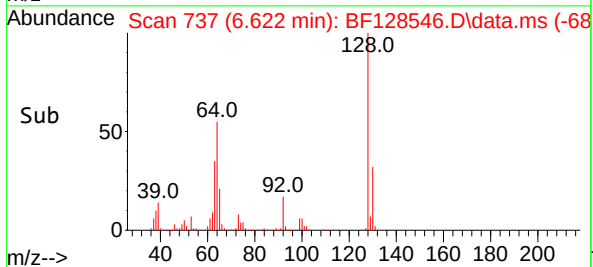
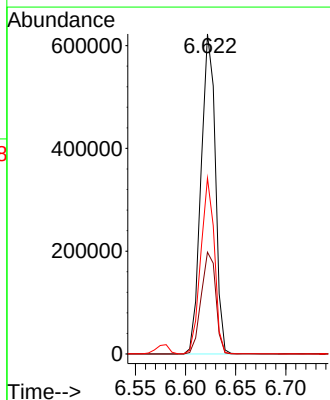
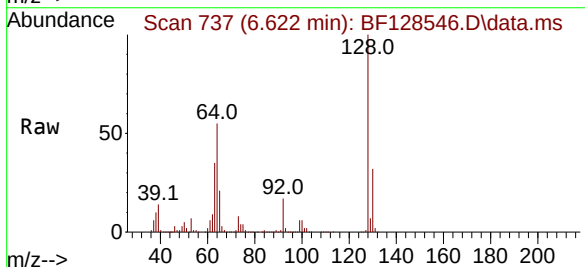
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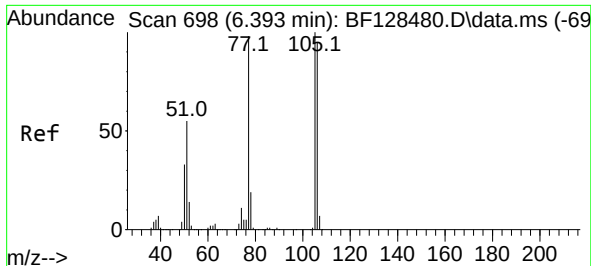
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Ion Ratio Lower Upper  
99 100  
42 22.3 17.3 25.9  
71 38.5 28.9 43.3



#8  
2-Chlorophenol  
Concen: 50.307 ng  
RT: 6.622 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:128 Resp: 622756  
Ion Ratio Lower Upper  
128 100  
130 31.8 13.1 53.1  
64 54.9 30.9 70.9

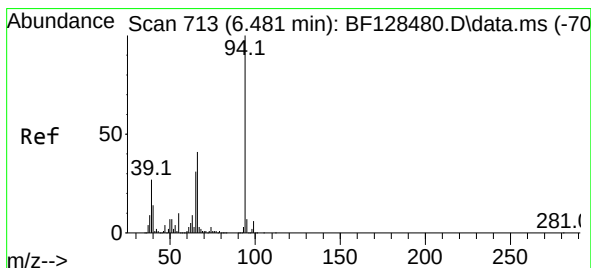
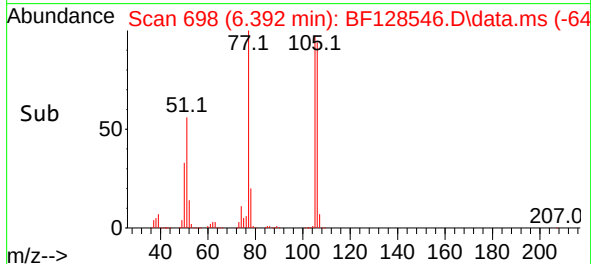
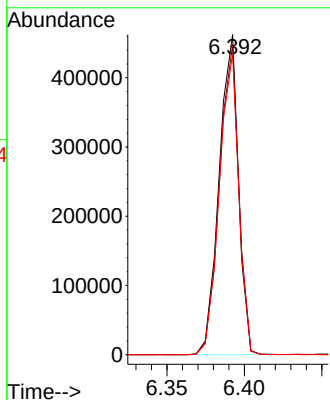
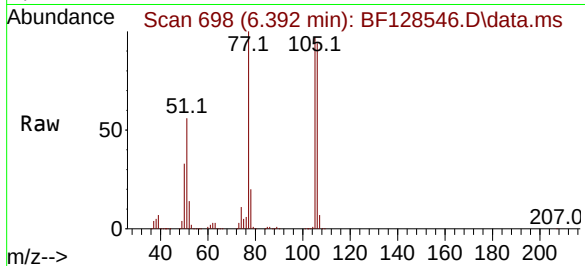




#9  
Benzaldehyde  
Concen: 74.819 ng  
RT: 6.392 min Scan# 698  
Delta R.T. -0.001 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

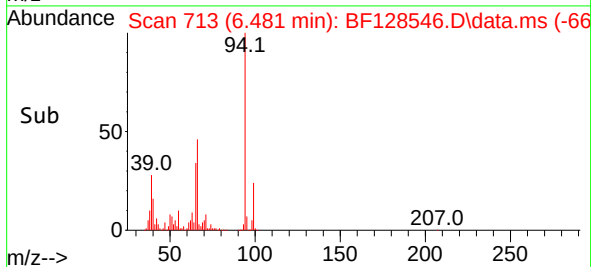
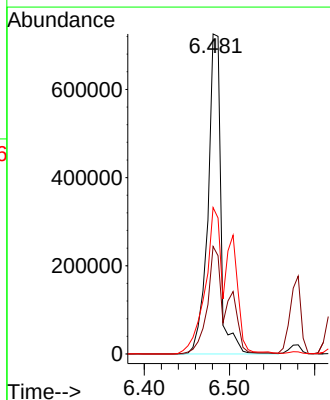
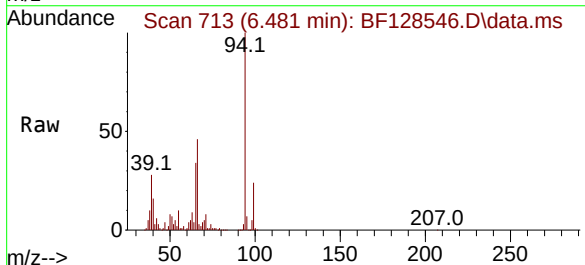
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

Tgt Ion: 77 Resp: 399807  
Ion Ratio Lower Upper  
77 100  
105 96.9 81.6 121.6  
106 94.0 76.1 116.1

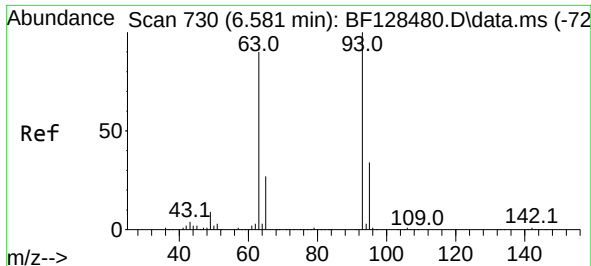


#10  
Phenol  
Concen: 50.813 ng  
RT: 6.481 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion: 94 Resp: 766455  
Ion Ratio Lower Upper  
94 100  
65 33.6 11.4 51.4  
66 45.7 21.4 61.4



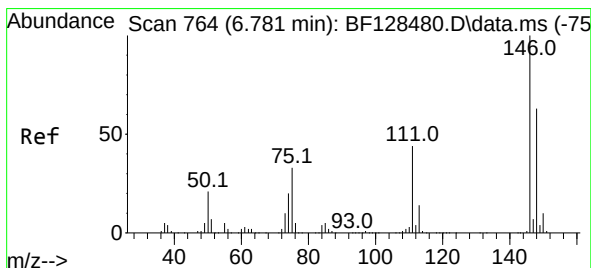
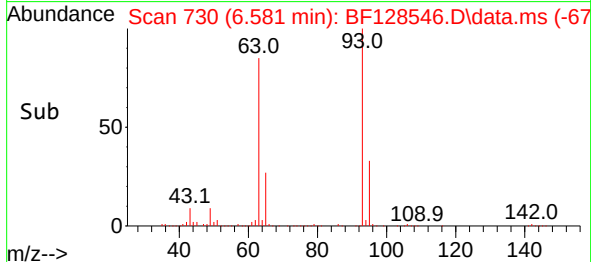
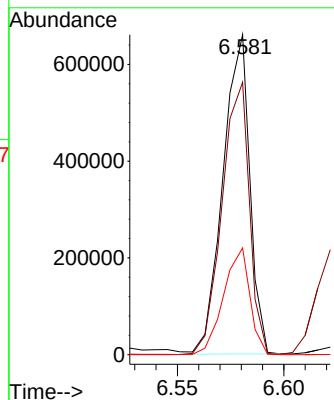
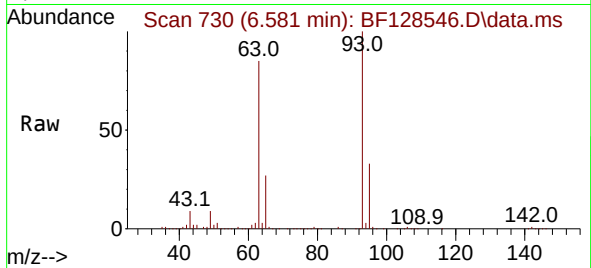




#11  
bis(2-Chloroethyl)ether  
Concen: 46.784 ng  
RT: 6.581 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

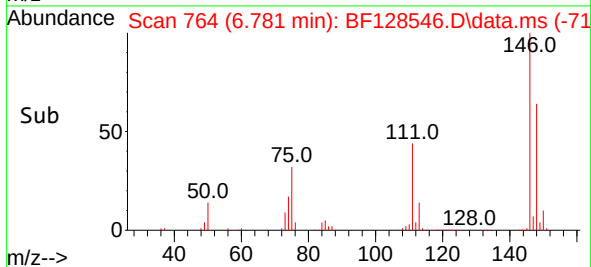
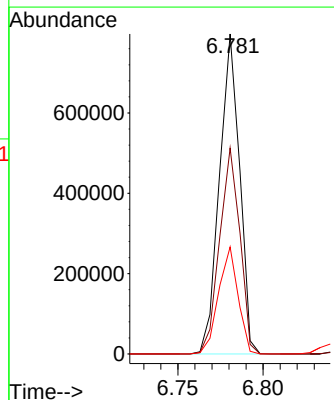
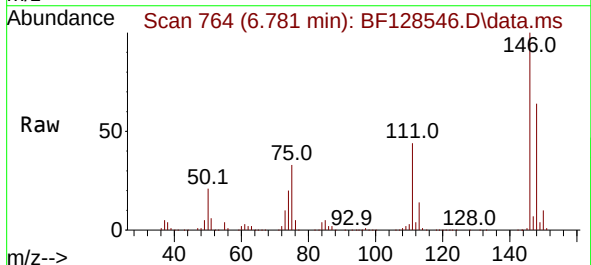
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

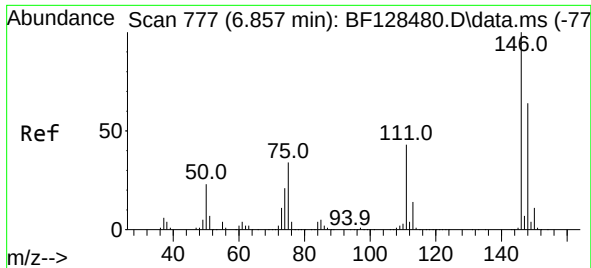
Tgt Ion: 93 Resp: 577677  
Ion Ratio Lower Upper  
93 100  
63 85.2 67.4 107.4  
95 33.4 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 46.496 ng  
RT: 6.781 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:146 Resp: 653957  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.6 75.8  
75 33.5 26.3 39.5

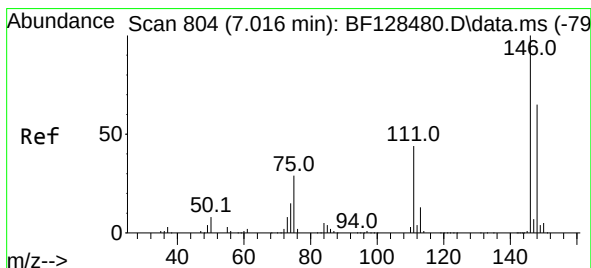
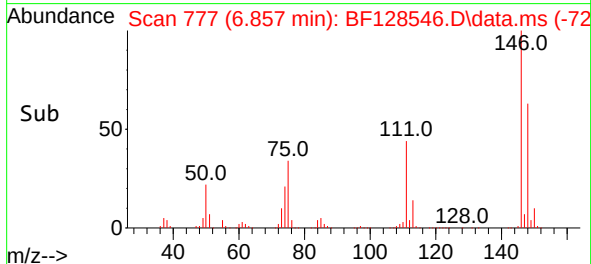
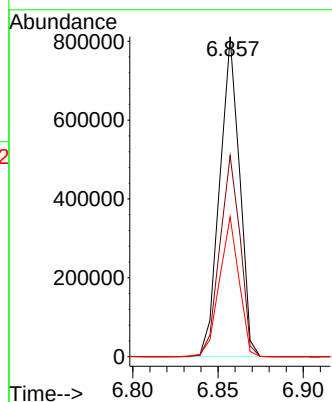
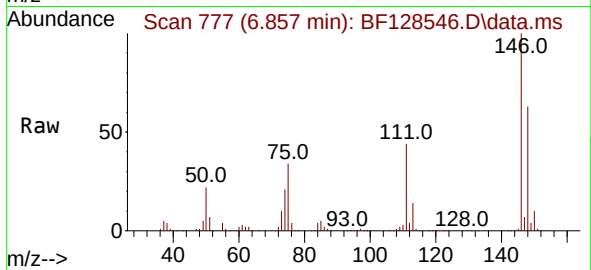




#13  
1,4-Dichlorobenzene  
Concen: 46.174 ng  
RT: 6.857 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

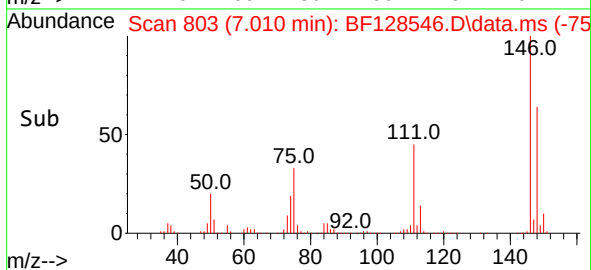
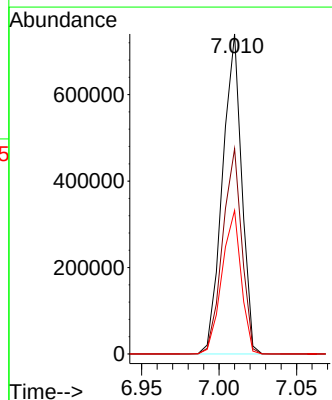
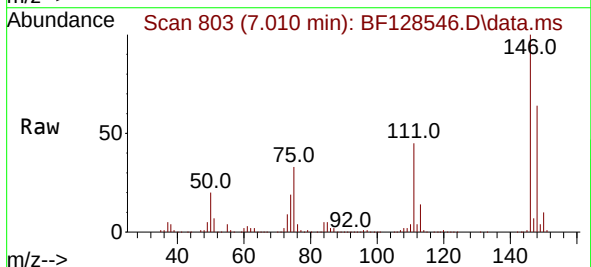
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

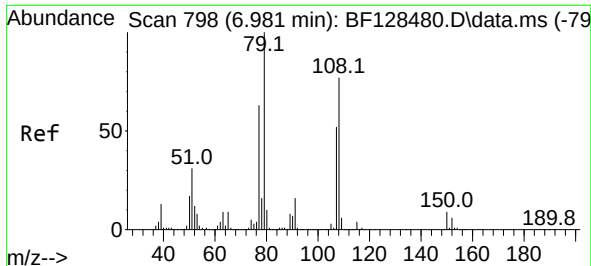
Tgt Ion:146 Resp: 656868  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.1 76.7  
111 43.7 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 48.764 ng  
RT: 7.010 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:146 Resp: 638489  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.8 77.8  
111 44.9 35.1 52.7

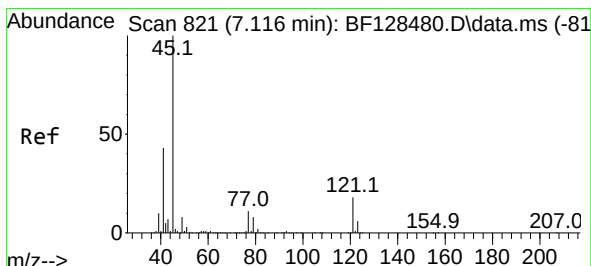
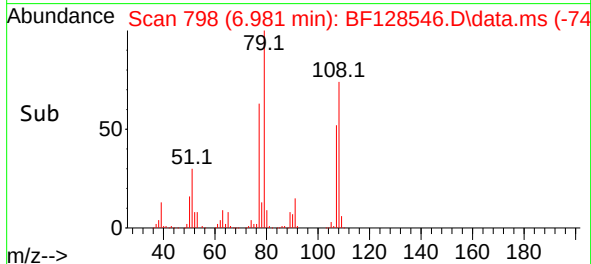
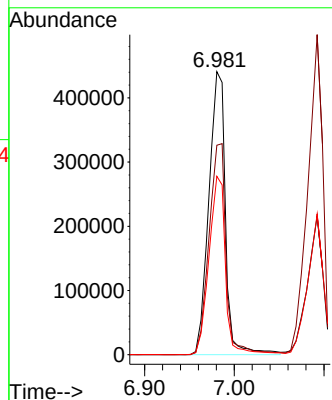
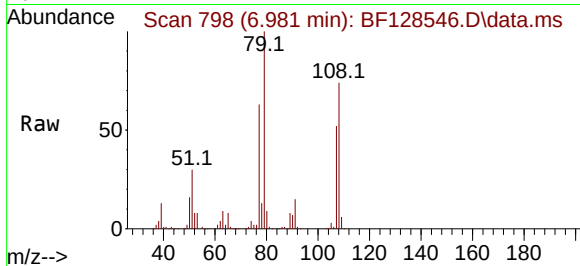




#15  
Benzyl Alcohol  
Concen: 48.967 ng  
RT: 6.981 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

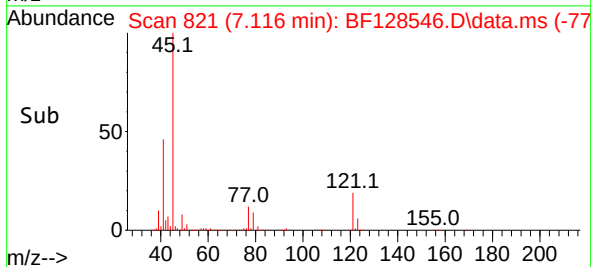
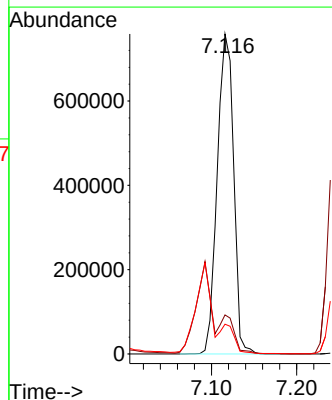
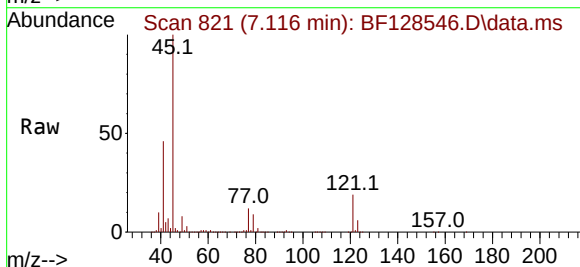
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

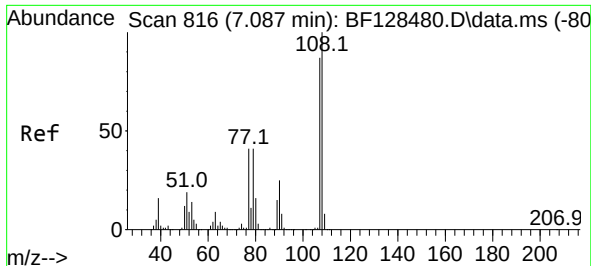
Tgt Ion: 79 Resp: 568494  
Ion Ratio Lower Upper  
79 100  
108 74.0 61.8 92.6  
77 63.0 50.2 75.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.297 ng  
RT: 7.116 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

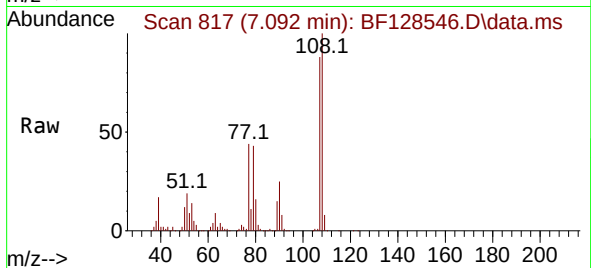
Tgt Ion: 45 Resp: 1011729  
Ion Ratio Lower Upper  
45 100  
77 12.2 0.0 31.3  
79 9.3 0.0 28.3



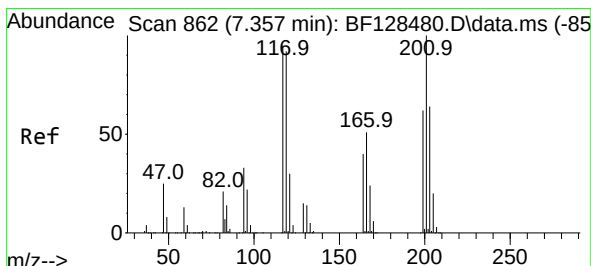
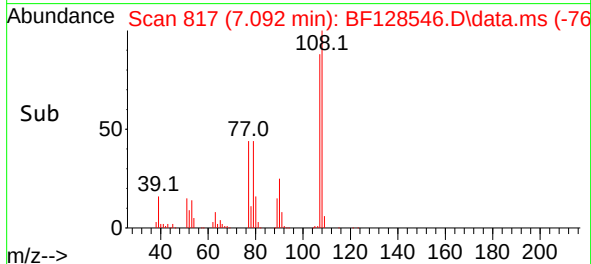
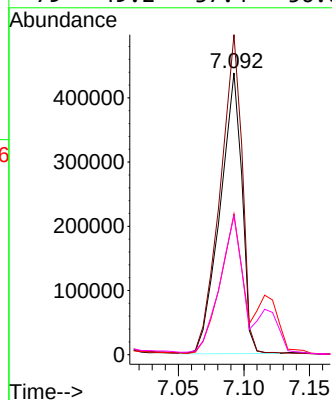


#17  
2-Methylphenol  
Concen: 48.152 ng  
RT: 7.092 min Scan# 816  
Delta R.T. 0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

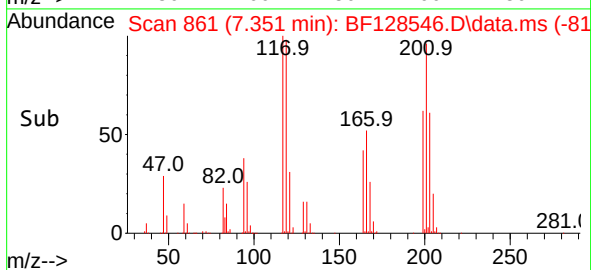
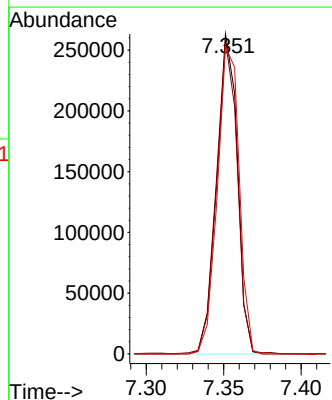
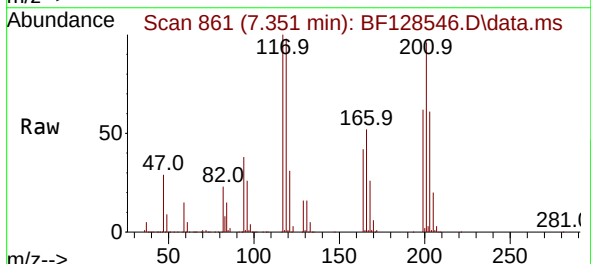


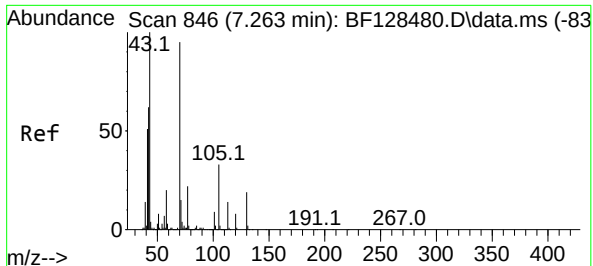
Tgt Ion:107 Resp: 507335  
Ion Ratio Lower Upper  
107 100  
108 113.6 91.9 137.9  
77 49.9 37.8 56.8  
79 49.2 37.4 56.0



#18  
Hexachloroethane  
Concen: 49.148 ng  
RT: 7.351 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:117 Resp: 246632  
Ion Ratio Lower Upper  
117 100  
119 98.1 77.4 116.2  
201 95.9 84.6 127.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.291 ng

RT: 7.257 min Scan# 846

Delta R.T. -0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

Tgt Ion: 70 Resp: 432043

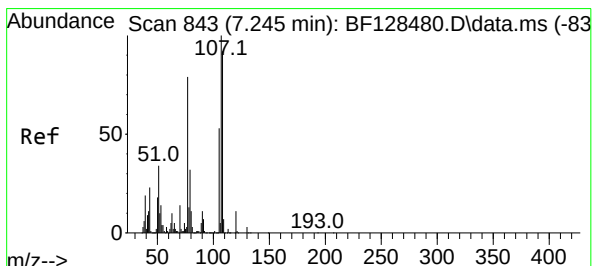
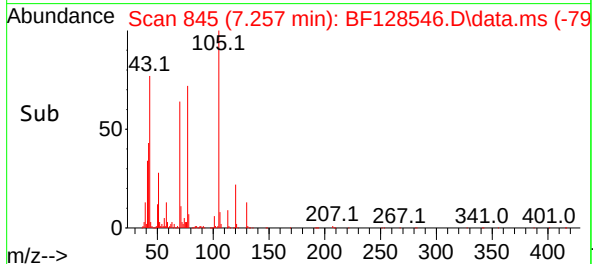
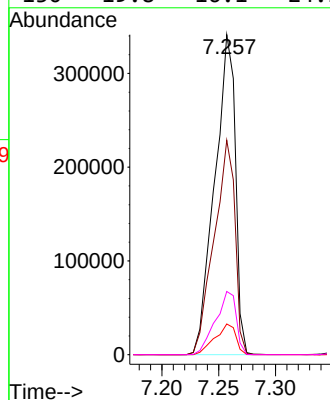
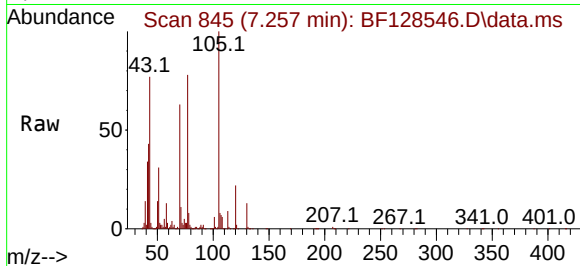
Ion Ratio Lower Upper

70 100

42 67.0 52.3 78.5

101 9.6 7.5 11.3

130 19.8 16.1 24.1



#20

3+4-Methylphenols

Concen: 45.627 ng

RT: 7.245 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Tgt Ion:107 Resp: 580761

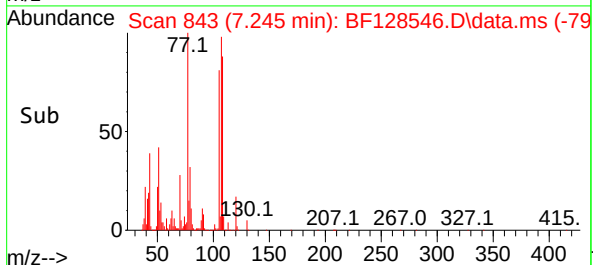
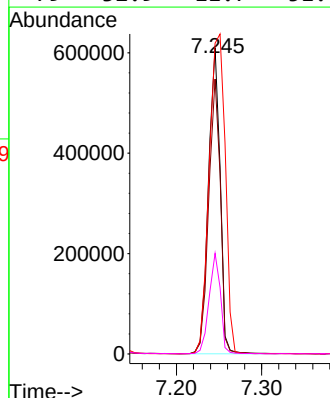
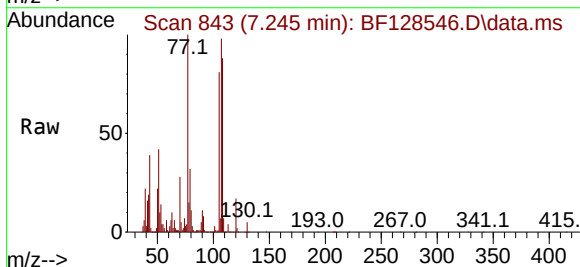
Ion Ratio Lower Upper

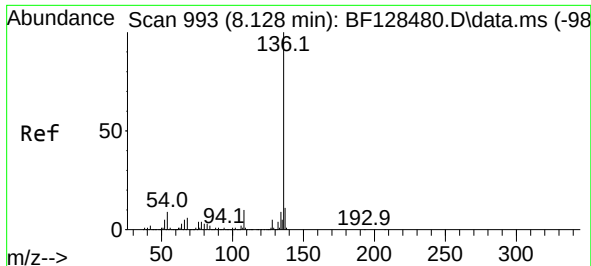
107 100

108 89.8 71.8 111.8

77 101.6 59.3 99.3#

79 32.9 11.7 51.7



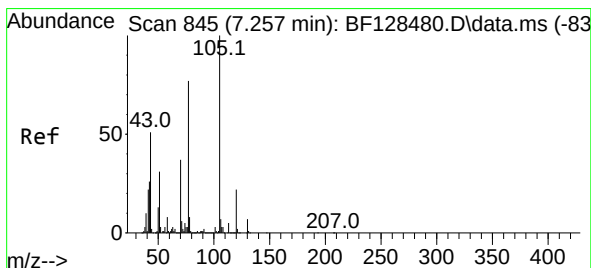
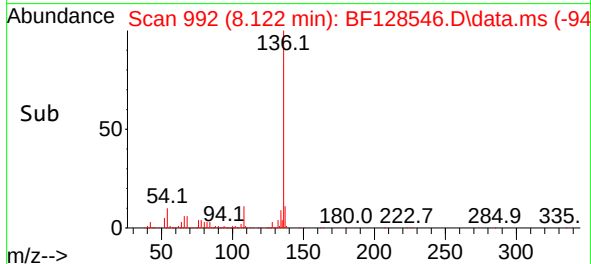
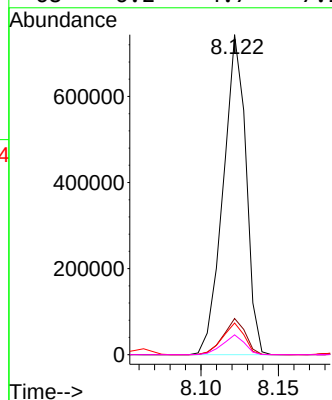
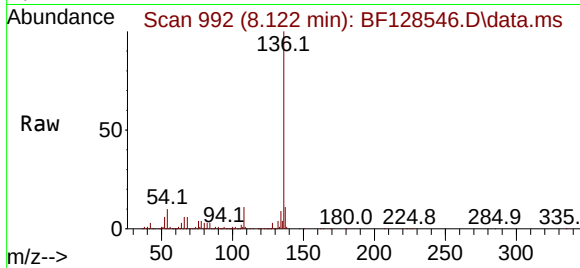


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

Tgt Ion:136 Resp: 759912

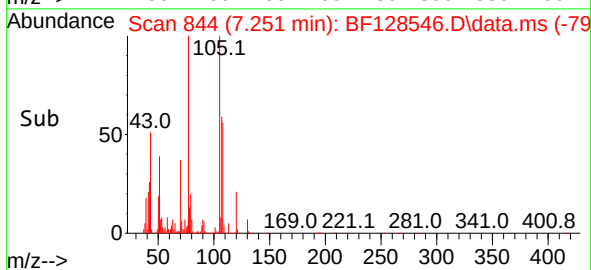
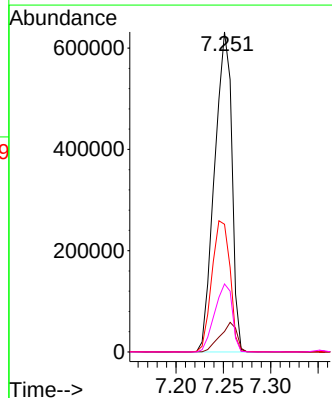
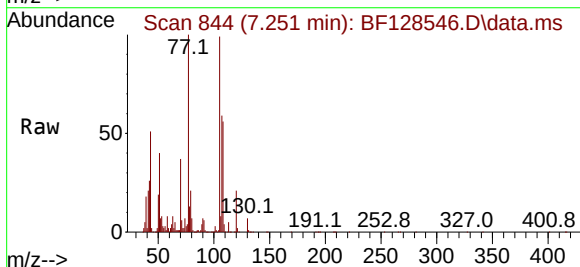
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.8   | 13.2  |
| 54  | 9.9   | 7.5   | 11.3  |
| 68  | 6.2   | 4.7   | 7.1   |

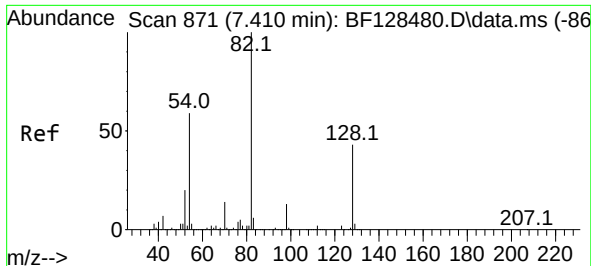


#22  
Acetophenone  
Concen: 45.765 ng  
RT: 7.251 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:105 Resp: 801902

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 6.4   | 5.0   | 7.4   |
| 51  | 39.9  | 25.0  | 37.4  |
| 120 | 21.3  | 17.8  | 26.8  |

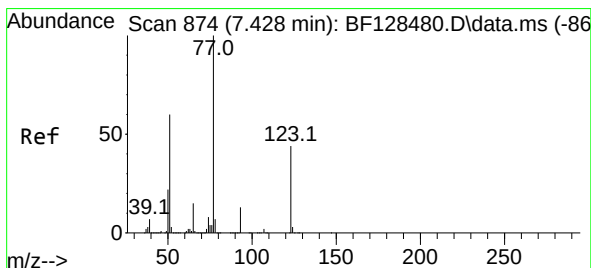
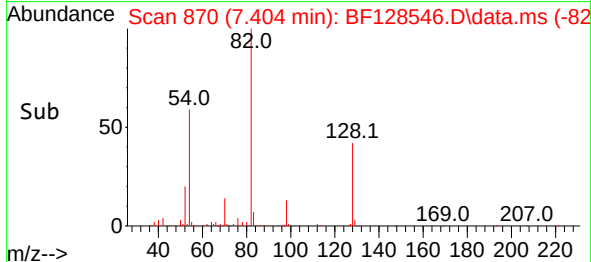
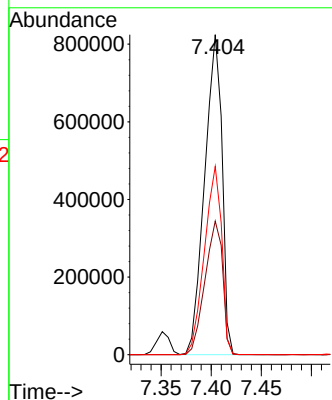
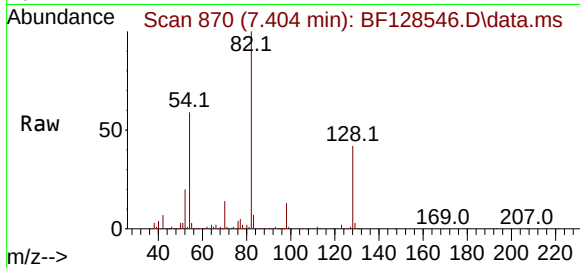




#23  
Nitrobenzene-d5  
Concen: 75.672 ng  
RT: 7.404 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

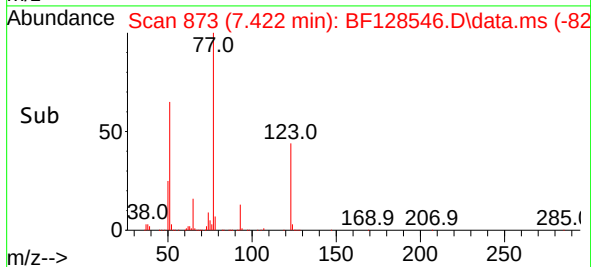
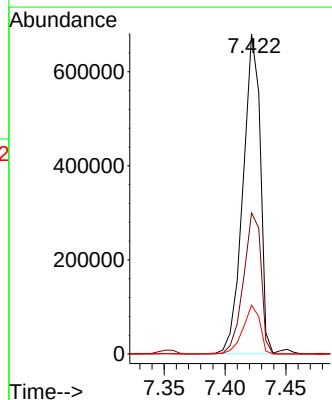
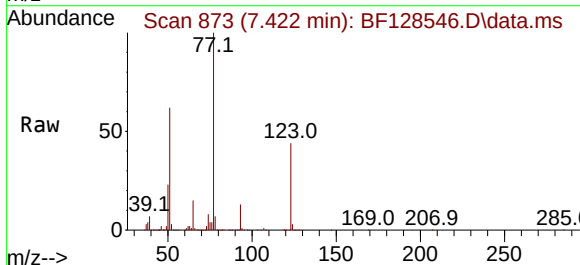
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

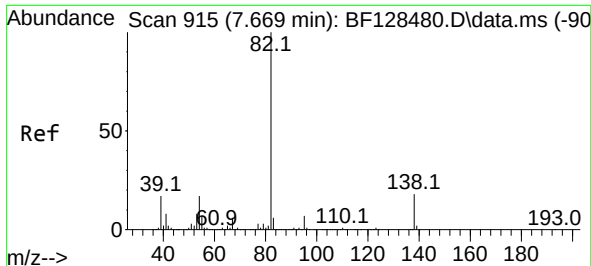
Tgt Ion: 82 Resp: 996815  
Ion Ratio Lower Upper  
82 100  
128 41.7 34.0 51.0  
54 58.8 46.9 70.3



#24  
Nitrobenzene  
Concen: 51.685 ng  
RT: 7.422 min Scan# 873  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion: 77 Resp: 673091  
Ion Ratio Lower Upper  
77 100  
123 44.1 35.4 53.2  
65 15.2 11.8 17.8

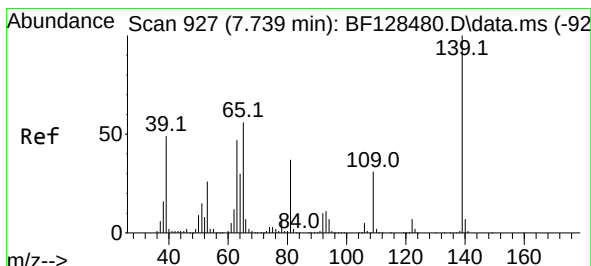
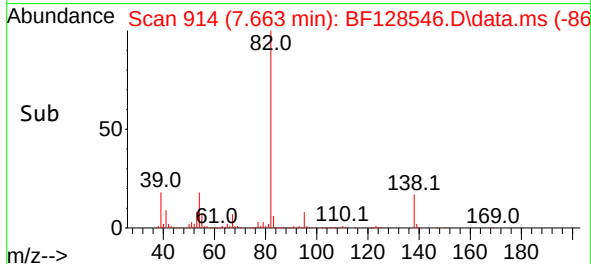
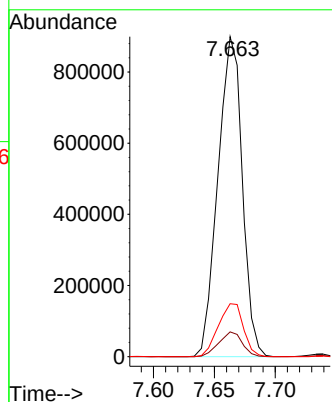
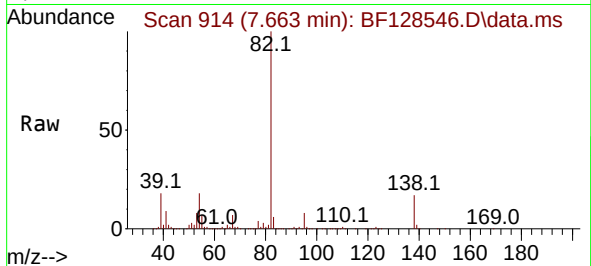




#25  
Isophorone  
Concen: 51.561 ng  
RT: 7.663 min Scan# 915  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

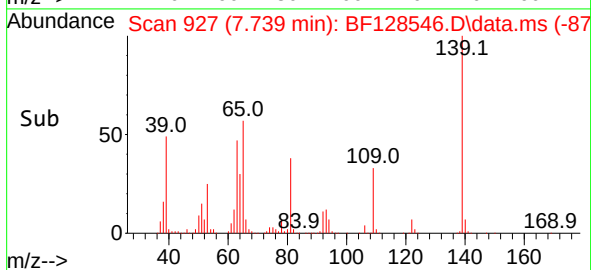
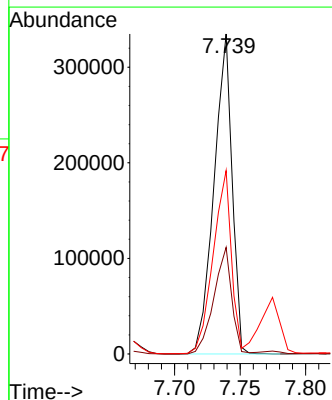
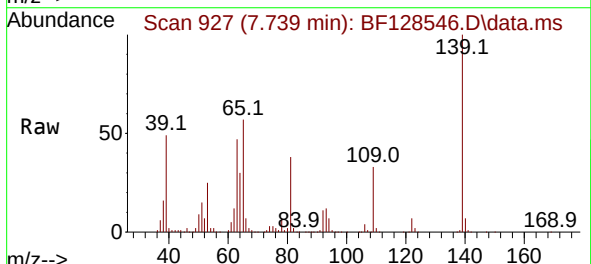
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

Tgt Ion: 82 Resp: 1252946  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.7 8.5  
138 16.5 14.2 21.2

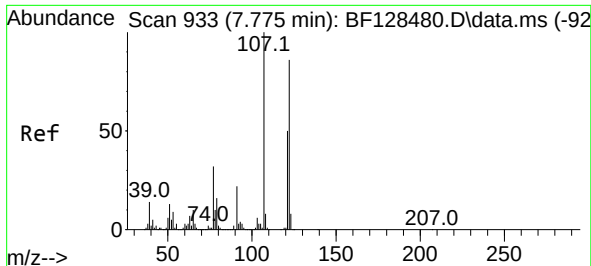


#26  
2-Nitrophenol  
Concen: 58.982 ng  
RT: 7.739 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:139 Resp: 321035  
Ion Ratio Lower Upper  
139 100  
109 33.3 25.0 37.4  
65 57.3 45.1 67.7







#27

2,4-Dimethylphenol

Concen: 54.753 ng

RT: 7.775 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

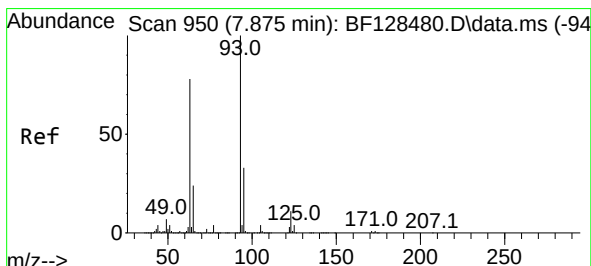
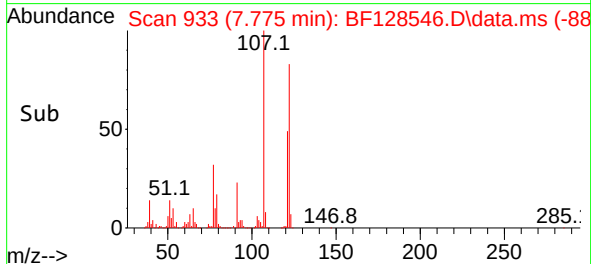
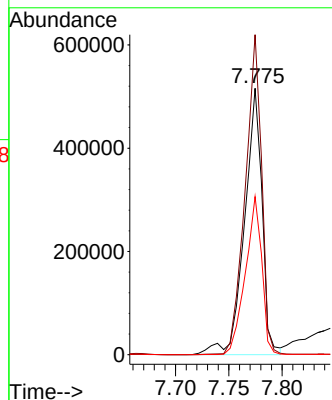
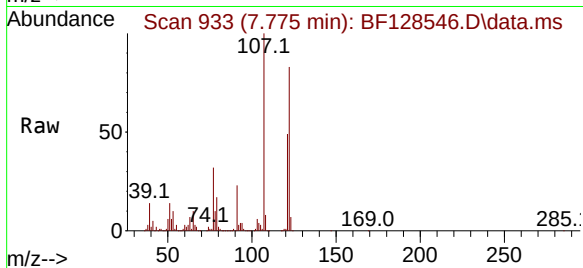
Tgt Ion:122 Resp: 592359

Ion Ratio Lower Upper

122 100

107 120.1 93.0 139.6

121 59.4 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.392 ng

RT: 7.875 min Scan# 950

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

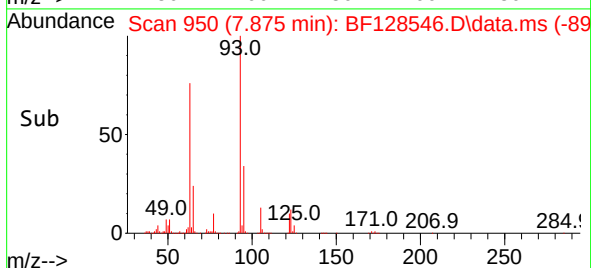
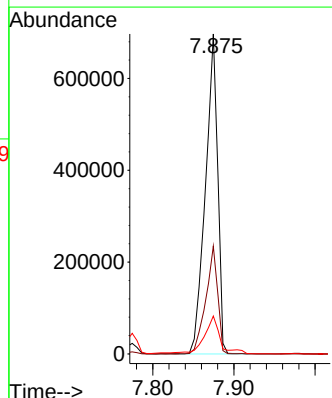
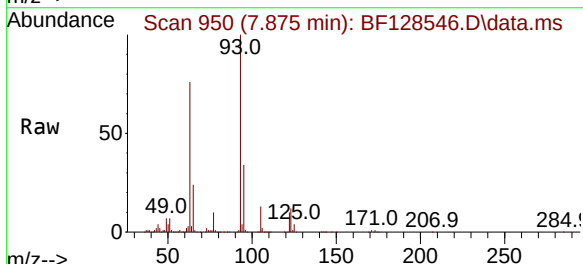
Tgt Ion: 93 Resp: 731642

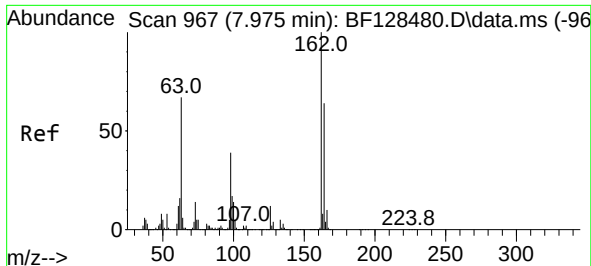
Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.270 ng

RT: 7.981 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

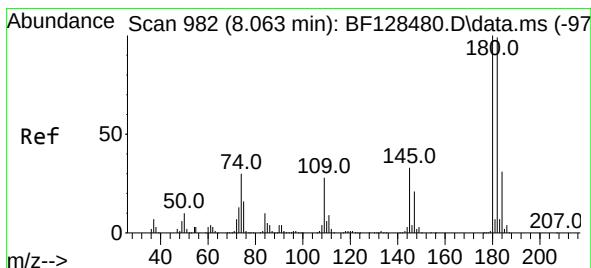
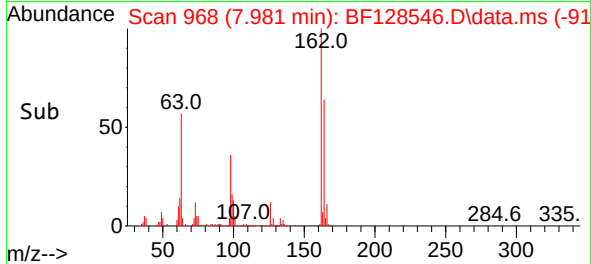
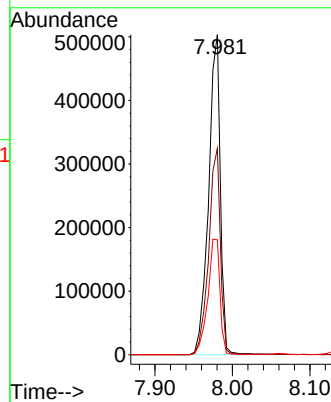
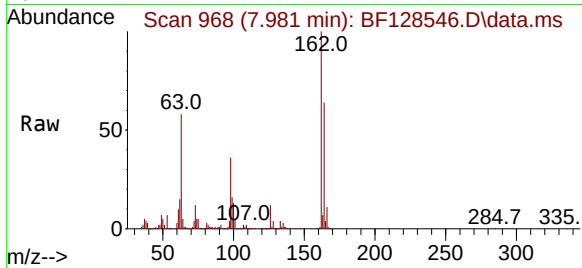
Tgt Ion:162 Resp: 529255

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 35.9 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 46.409 ng

RT: 8.063 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

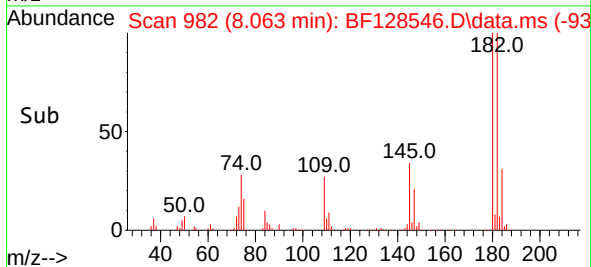
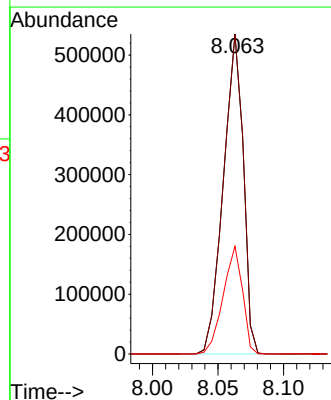
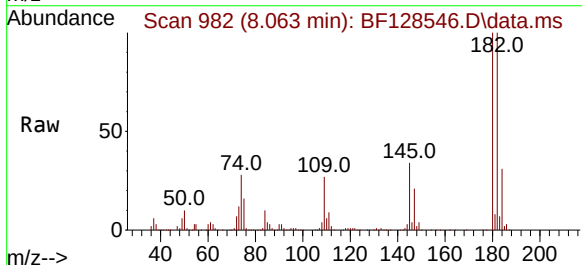
Tgt Ion:180 Resp: 562836

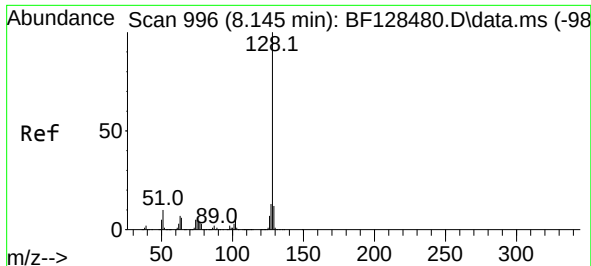
Ion Ratio Lower Upper

180 100

182 99.8 79.2 118.8

145 33.7 26.2 39.2

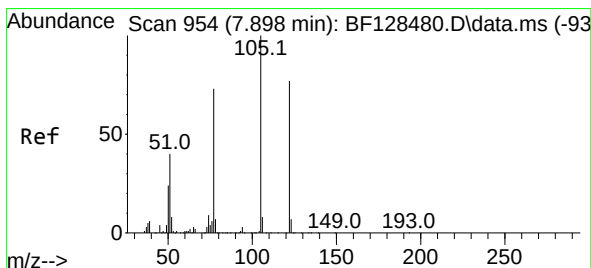
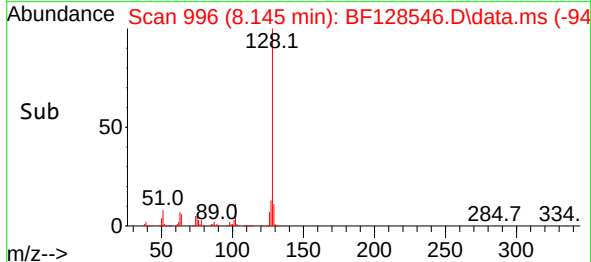
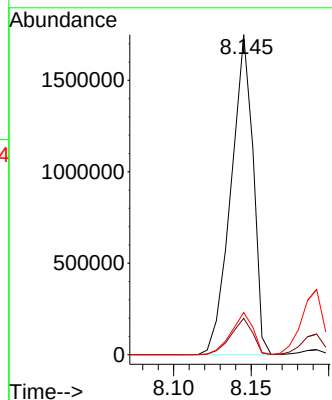
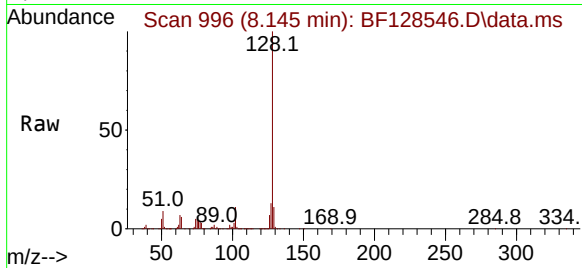




#31  
Naphthalene  
Concen: 46.631 ng  
RT: 8.145 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

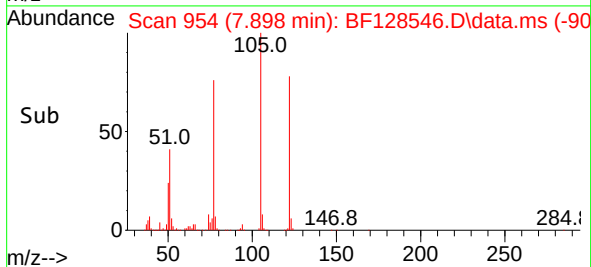
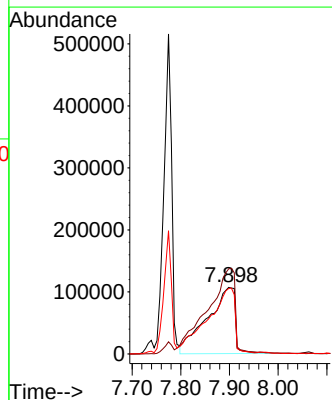
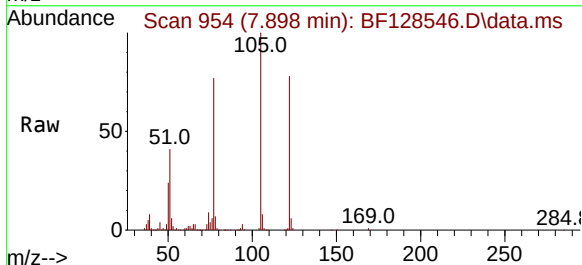
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BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

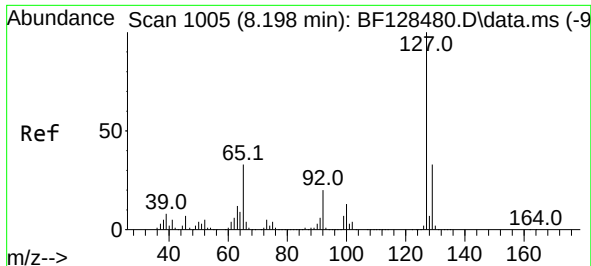
Tgt Ion:128 Resp: 1734346  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.2 10.5 15.7



#32  
Benzoic acid  
Concen: 56.255 ng  
RT: 7.898 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:122 Resp: 430224  
Ion Ratio Lower Upper  
122 100  
105 127.6 107.1 147.1  
77 98.2 74.2 114.2

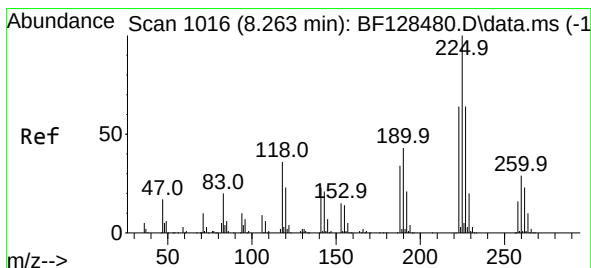
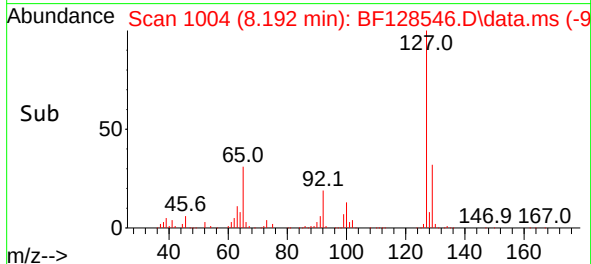
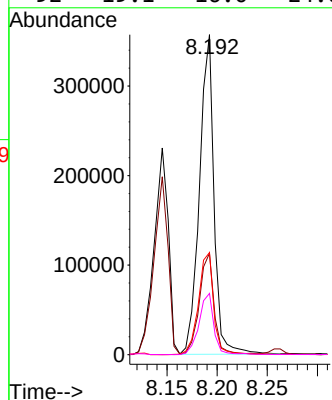
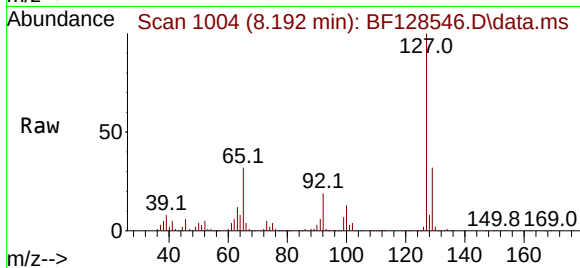




#33  
4-Chloroaniline  
Concen: 24.493 ng  
RT: 8.192 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

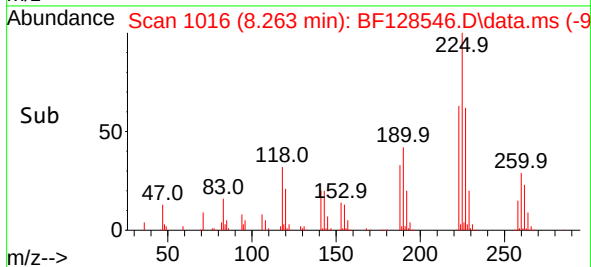
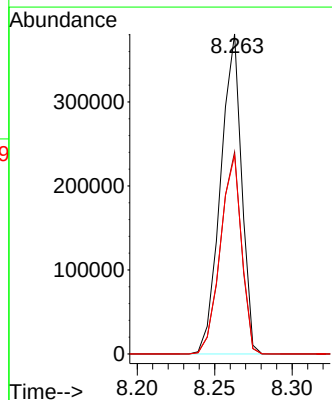
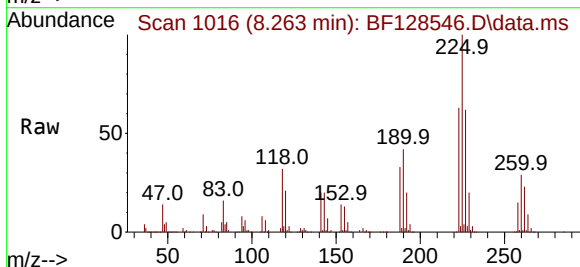
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

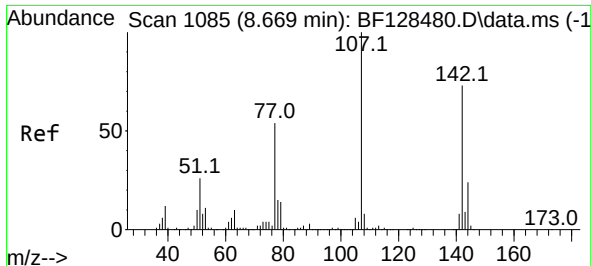
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 362718 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 26.4  | 39.6   |
| 65       | 31.9  | 26.4  | 39.6   |
| 92       | 19.1  | 16.0  | 24.0   |



#34  
Hexachlorobutadiene  
Concen: 46.839 ng  
RT: 8.263 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 358664 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 51.0  | 76.6   |
| 227      | 62.1  | 51.1  | 76.7   |

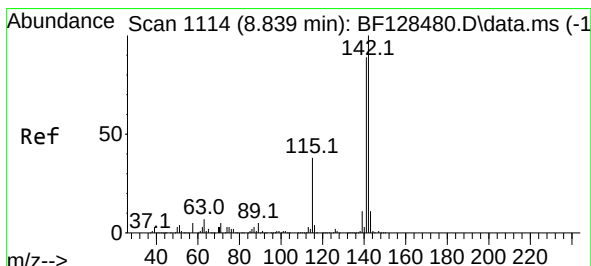
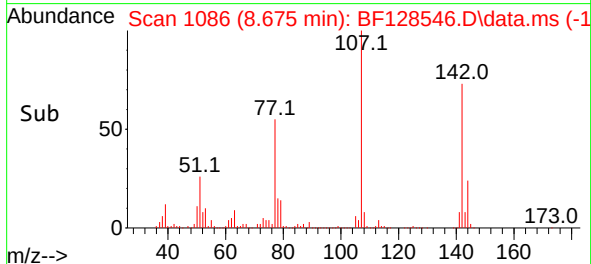
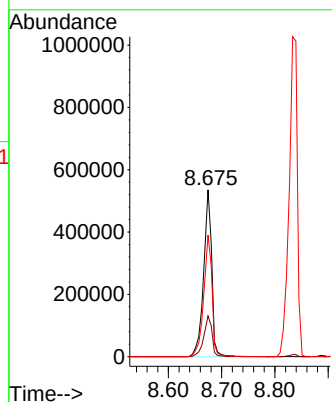
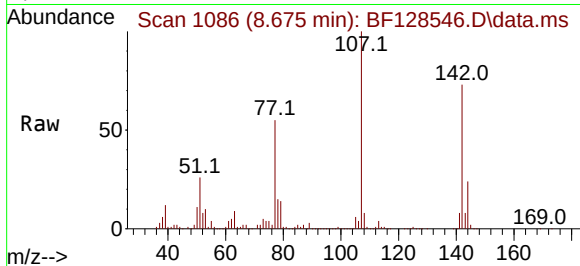




#36  
 4-Chloro-3-methylphenol  
 Concen: 49.137 ng  
 RT: 8.675 min Scan# 1086  
 Delta R.T. 0.006 min  
 Lab File: BF128546.D  
 Acq: 28 May 2022 14:04

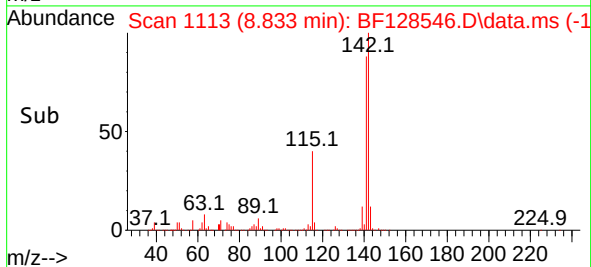
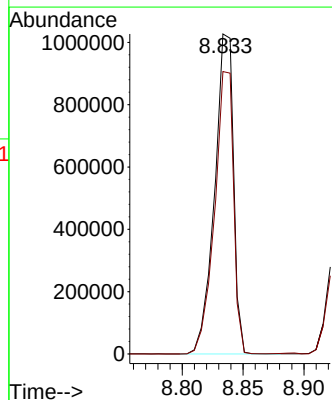
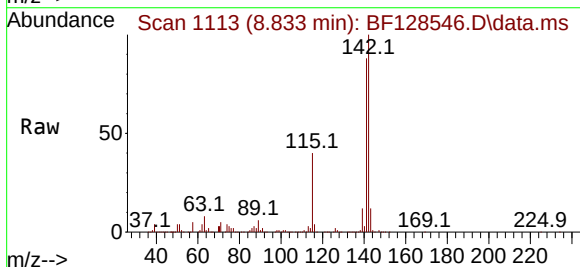
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P009-SS003-2430-01MSD

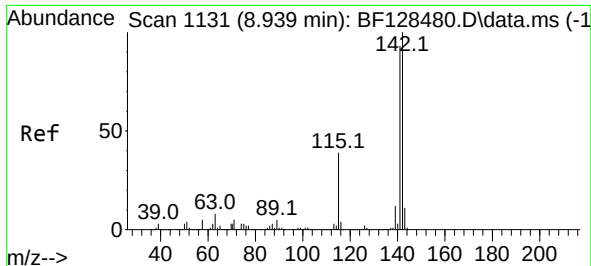
Tgt Ion:107 Resp: 565177  
 Ion Ratio Lower Upper  
 107 100  
 144 24.4 19.5 29.3  
 142 72.9 58.2 87.4



#37  
 2-Methylnaphthalene  
 Concen: 47.356 ng  
 RT: 8.833 min Scan# 1113  
 Delta R.T. -0.006 min  
 Lab File: BF128546.D  
 Acq: 28 May 2022 14:04

Tgt Ion:142 Resp: 1111743  
 Ion Ratio Lower Upper  
 142 100  
 141 88.3 71.0 106.4

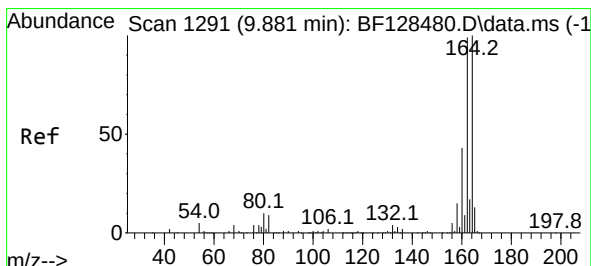
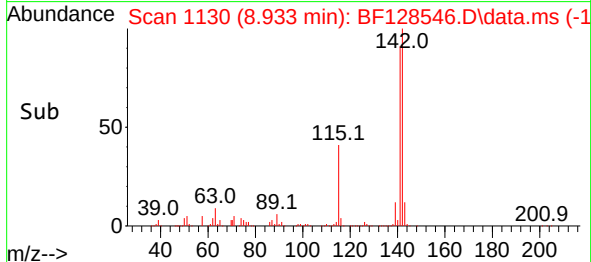
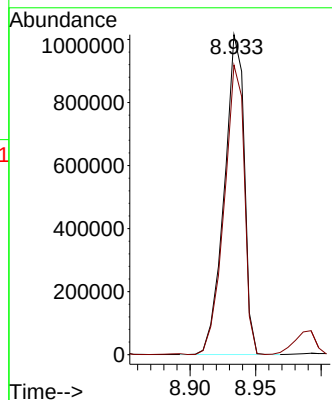
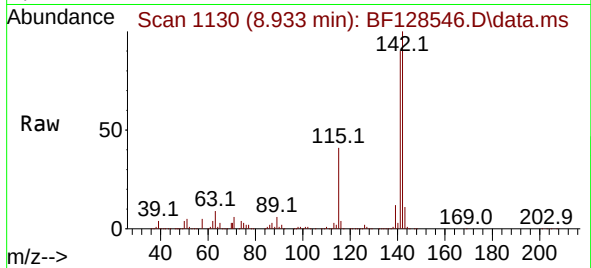




#38  
1-Methylnaphthalene  
Concen: 46.975 ng  
RT: 8.933 min Scan# 1131  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

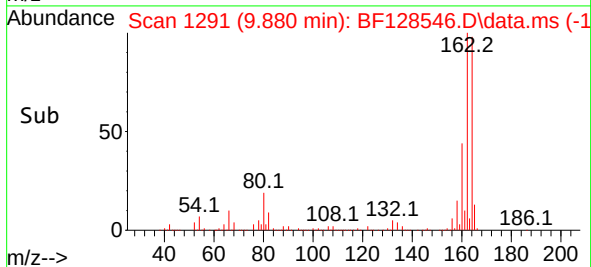
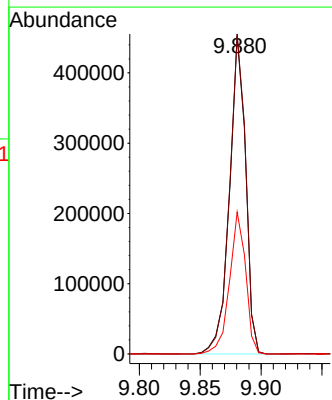
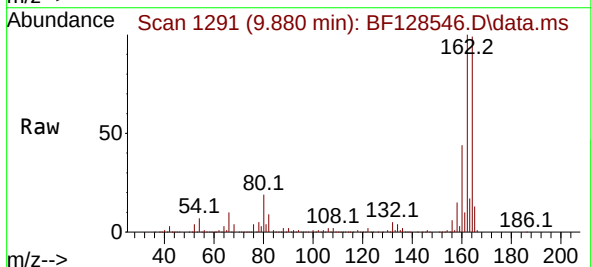
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

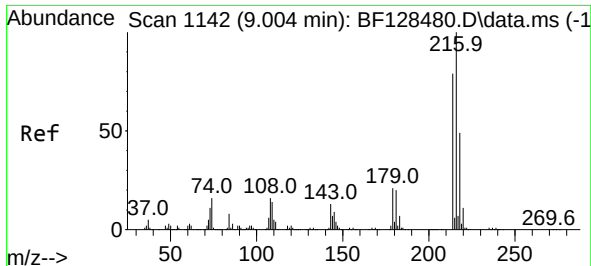
Tgt Ion:142 Resp: 1072580  
Ion Ratio Lower Upper  
142 100  
141 90.5 74.2 111.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.880 min Scan# 1291  
Delta R.T. -0.001 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:164 Resp: 418932  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.5 119.3  
160 44.6 34.2 51.4

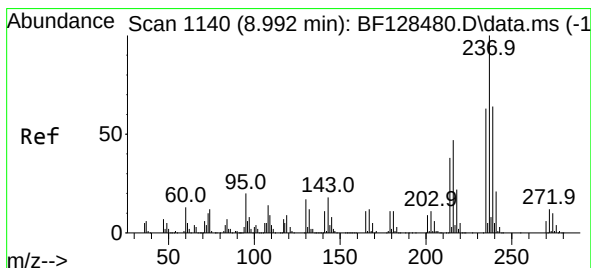
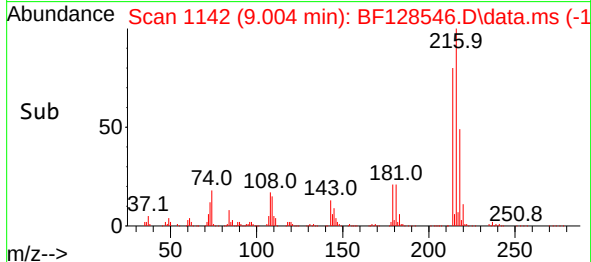
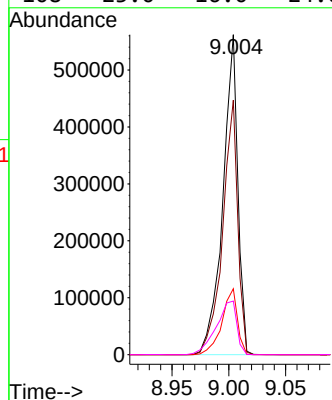
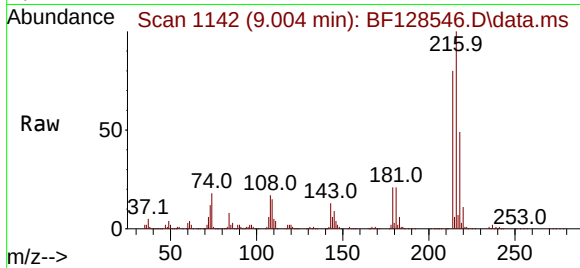




#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.879 ng  
RT: 9.004 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

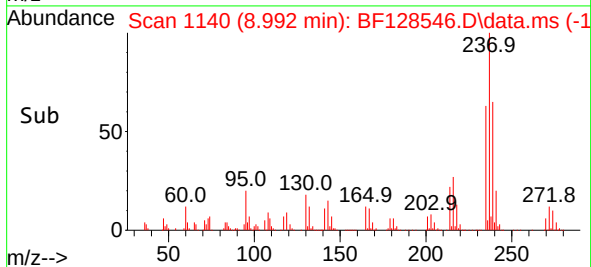
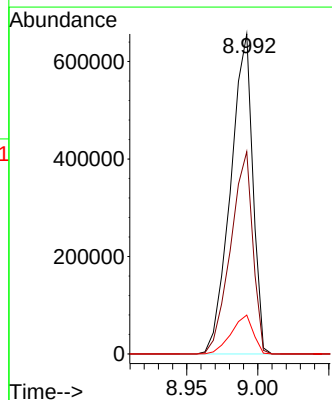
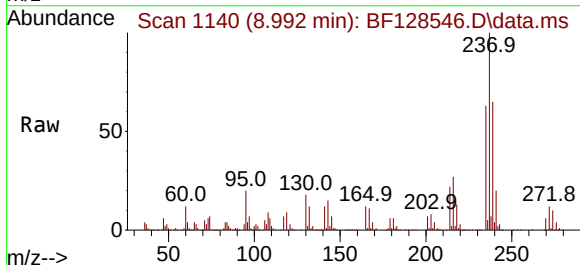
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

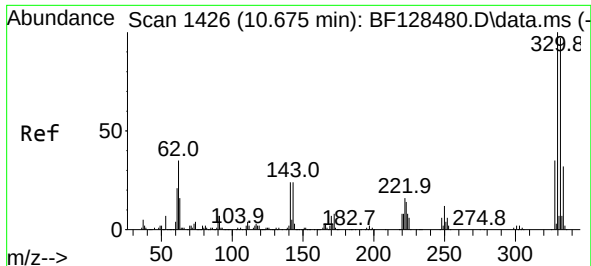
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 516284 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.0  | 63.6  | 95.4   |
| 179      | 21.4  | 17.0  | 25.6   |
| 108      | 23.0  | 16.0  | 24.0   |



#41  
Hexachlorocyclopentadiene  
Concen: 110.433 ng  
RT: 8.992 min Scan# 1140  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 714133 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.2  | 43.2  | 83.2   |
| 272      | 12.2  | 0.0   | 31.9   |





#42

2,4,6-Tribromophenol

Concen: 89.270 ng

RT: 10.674 min Scan# 1426

Delta R.T. -0.000 min

Lab File: BF128546.D

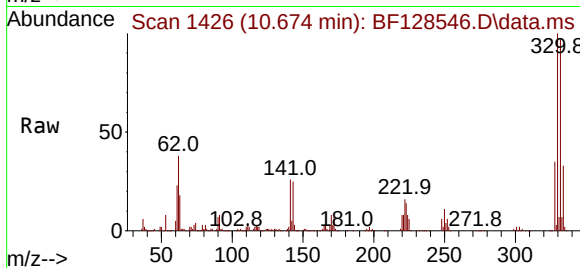
Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD



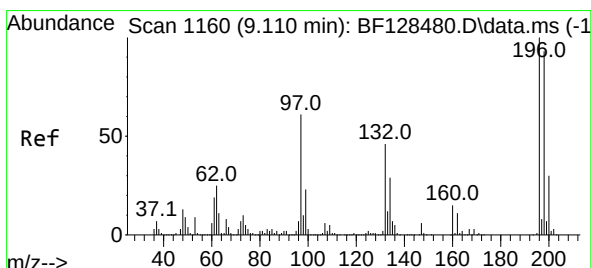
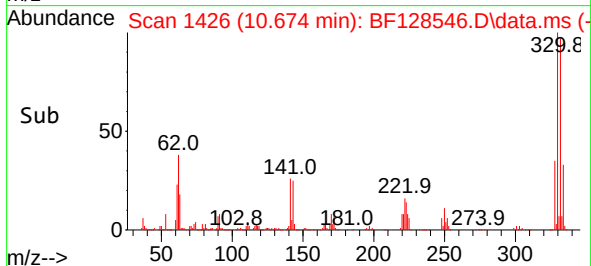
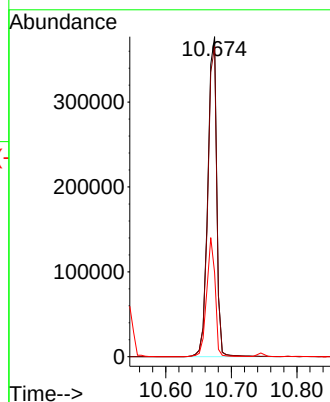
Tgt Ion:330 Resp: 355967

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

141 35.7 28.0 42.0



#43

2,4,6-Trichlorophenol

Concen: 46.887 ng

RT: 9.116 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

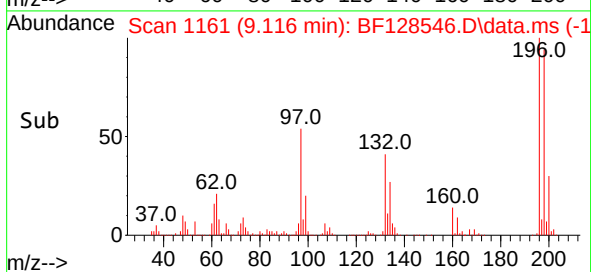
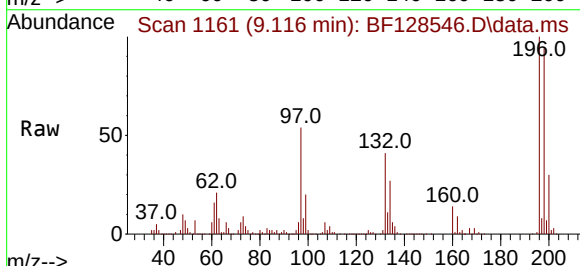
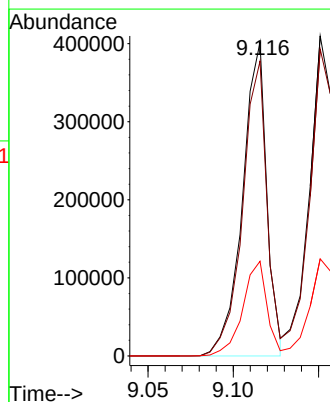
Tgt Ion:196 Resp: 397764

Ion Ratio Lower Upper

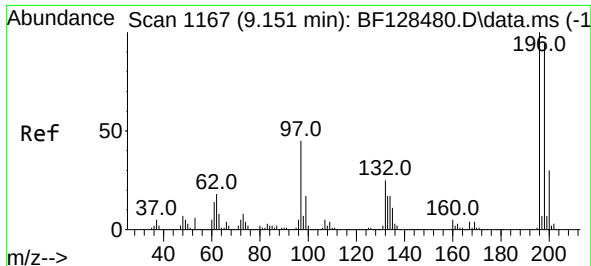
196 100

198 93.9 74.0 111.0

200 30.1 24.1 36.1



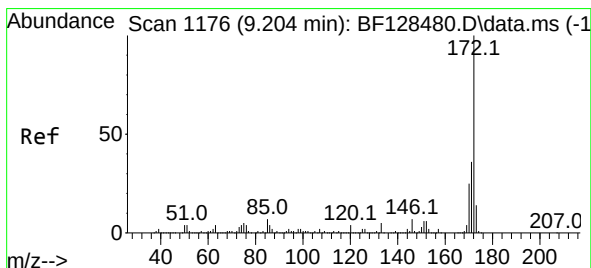
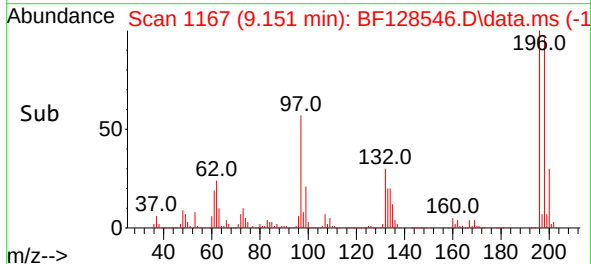
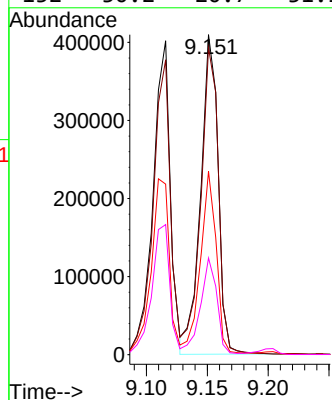
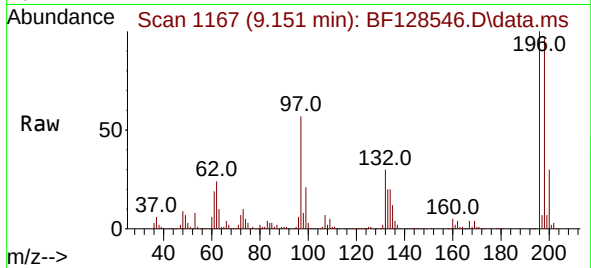




#44  
2,4,5-Trichlorophenol  
Concen: 46.596 ng  
RT: 9.151 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

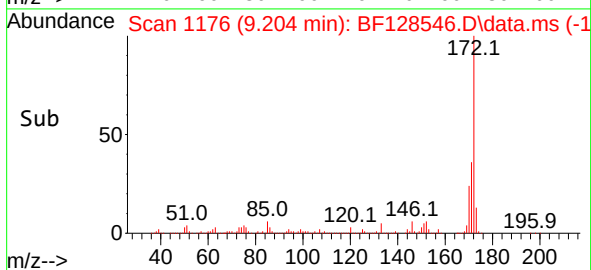
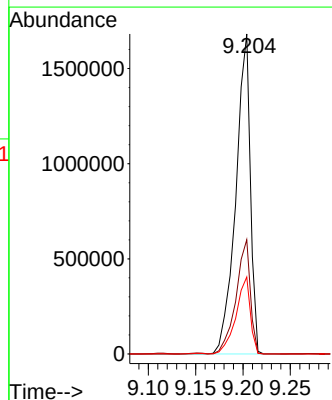
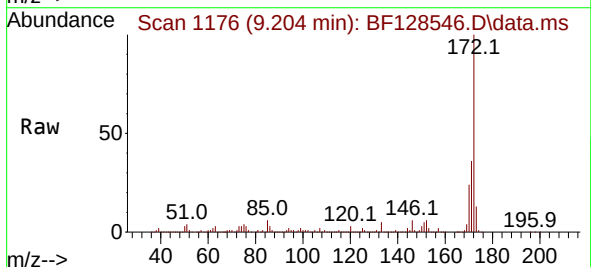
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

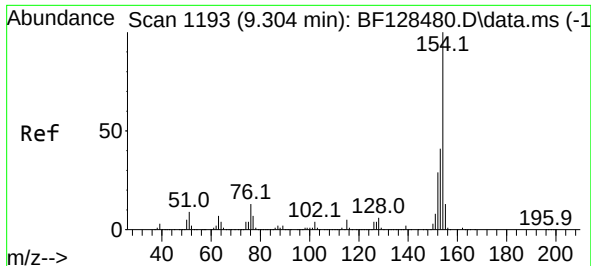
Tgt Ion:196 Resp: 407295  
Ion Ratio Lower Upper  
196 100  
198 95.9 75.7 113.5  
97 57.3 36.4 54.6#  
132 30.2 20.7 31.1



#45  
2-Fluorobiphenyl  
Concen: 69.331 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:172 Resp: 1787765  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.8 43.2  
170 24.0 19.8 29.8

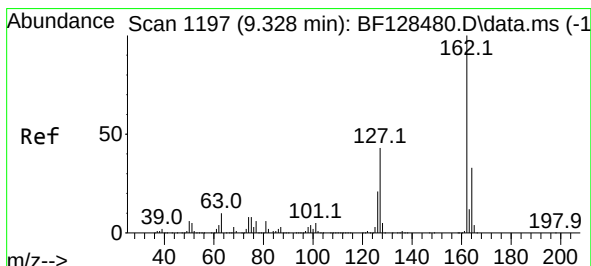
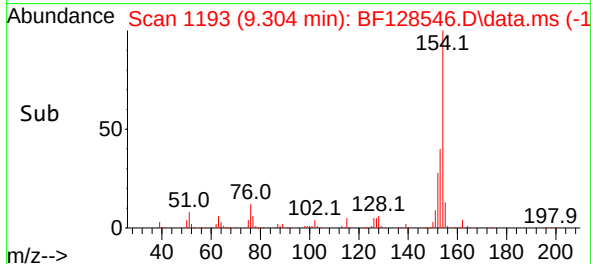
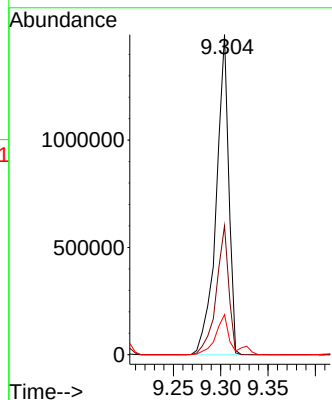
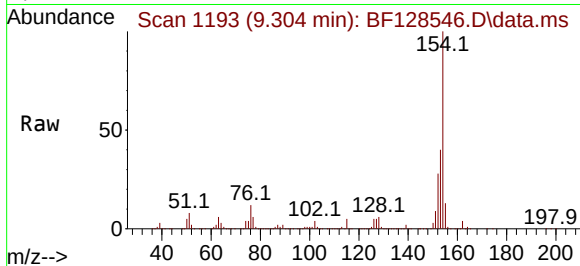




#46  
1,1'-Biphenyl  
Concen: 46.911 ng  
RT: 9.304 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

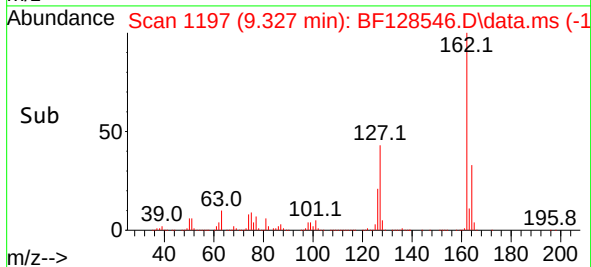
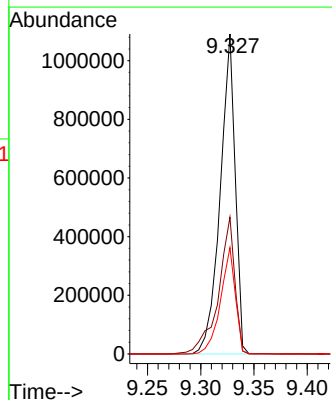
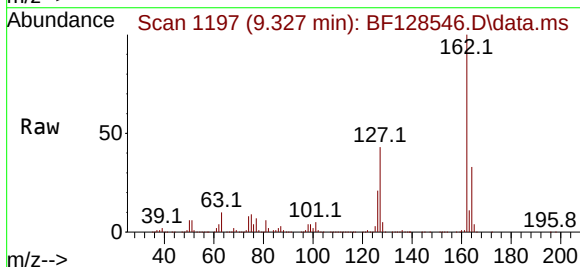
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

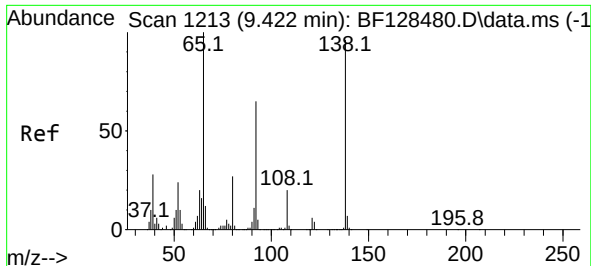
Tgt Ion:154 Resp: 1379949  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.6 60.6  
76 12.5 0.0 33.3



#47  
2-Chloronaphthalene  
Concen: 46.298 ng  
RT: 9.327 min Scan# 1197  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:162 Resp: 1069116  
Ion Ratio Lower Upper  
162 100  
127 42.8 34.5 51.7  
164 33.3 26.5 39.7

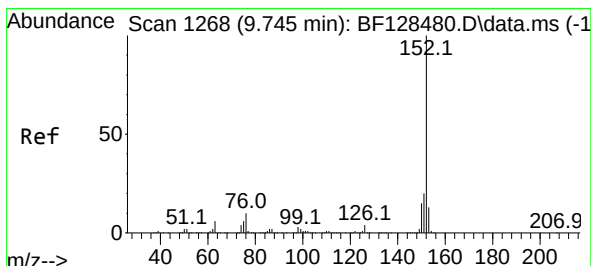
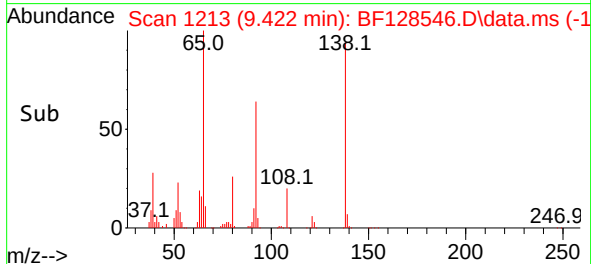
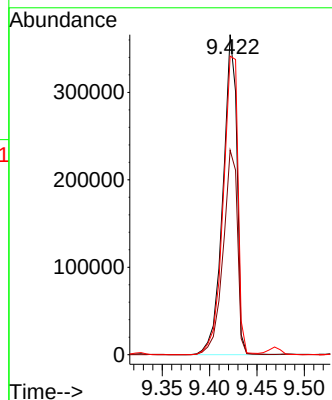
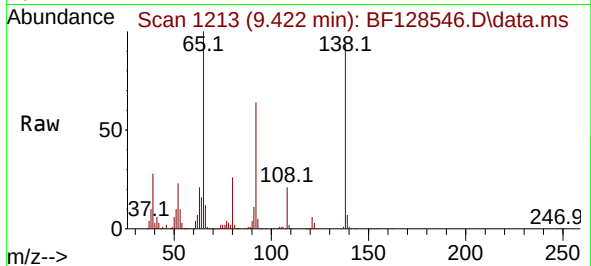




#48  
2-Nitroaniline  
Concen: 58.635 ng  
RT: 9.422 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

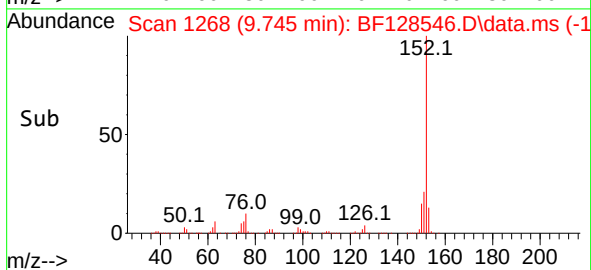
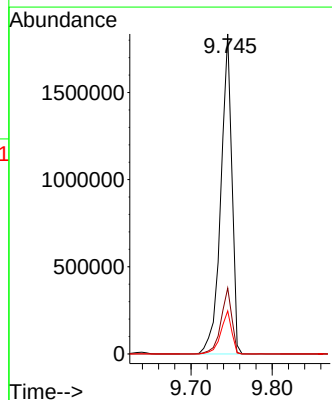
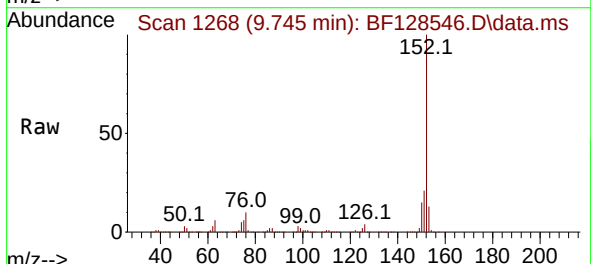
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

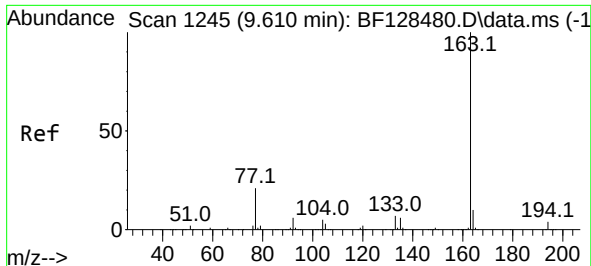
Tgt Ion: 65 Resp: 376514  
Ion Ratio Lower Upper  
65 100  
92 63.9 51.9 77.9  
138 93.3 76.4 114.6



#49  
Acenaphthylene  
Concen: 49.030 ng  
RT: 9.745 min Scan# 1268  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion: 152 Resp: 1739324  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.4  
153 13.5 10.7 16.1

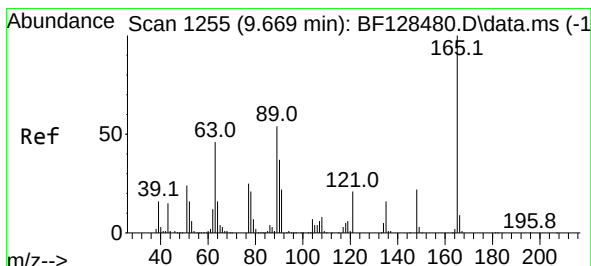
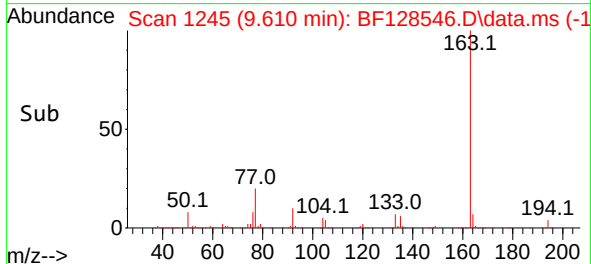
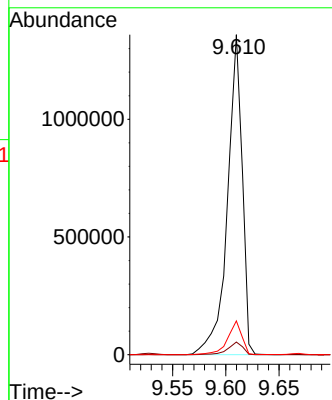
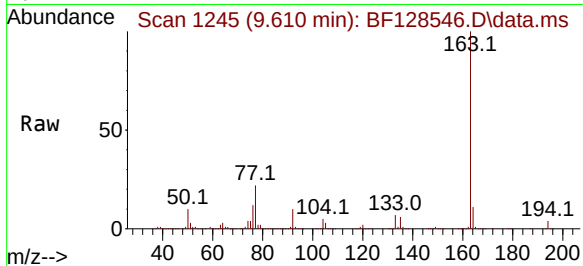




#50  
Dimethylphthalate  
Concen: 47.952 ng  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

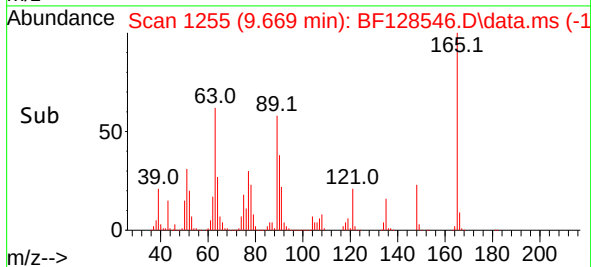
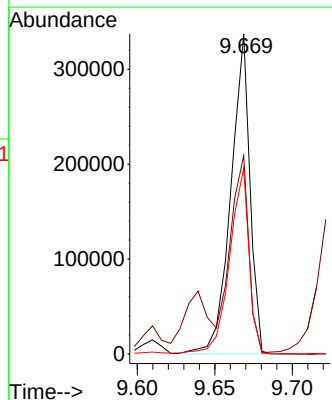
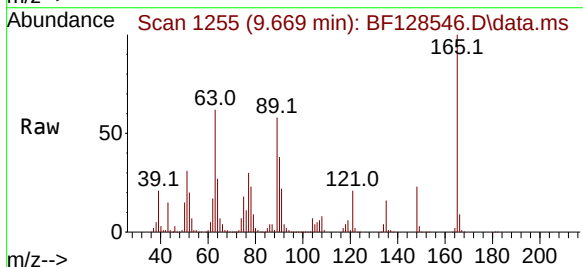
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

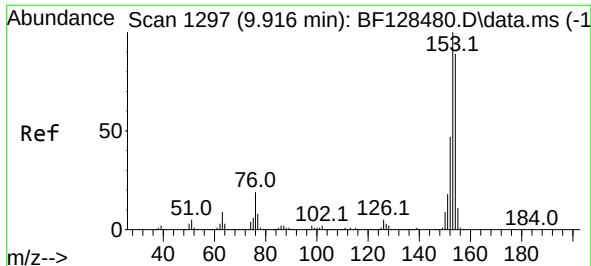
Tgt Ion:163 Resp: 1303068  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.5 8.2 12.2



#51  
2,6-Dinitrotoluene  
Concen: 58.100 ng  
RT: 9.669 min Scan# 1255  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:165 Resp: 289354  
Ion Ratio Lower Upper  
165 100  
63 61.9 44.9 67.3  
89 58.1 43.6 65.4

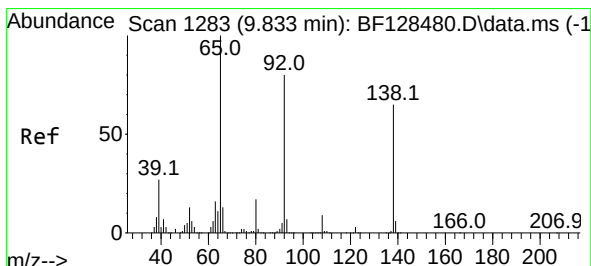
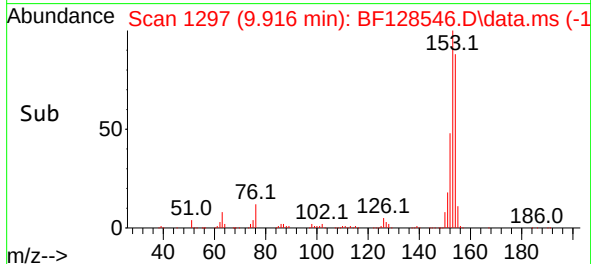
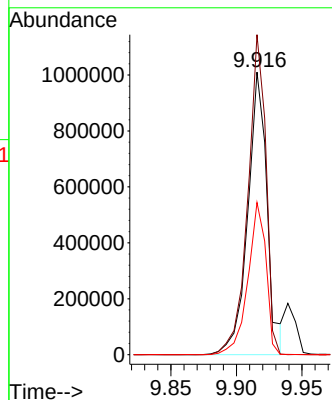
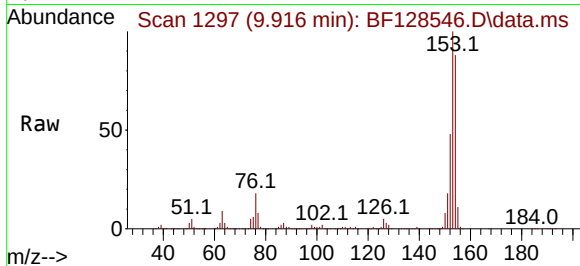




#52  
Acenaphthene  
Concen: 47.094 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

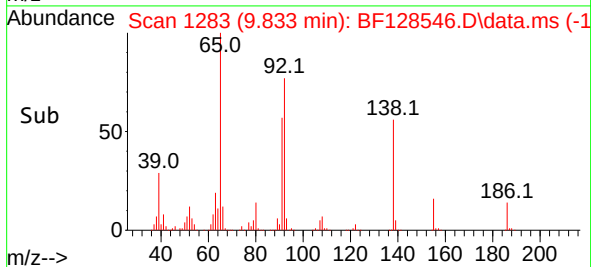
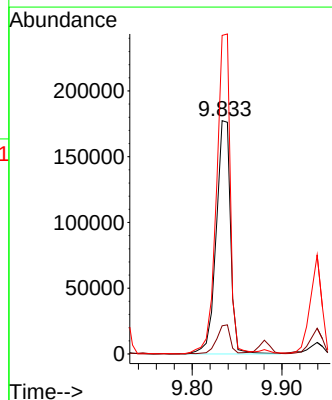
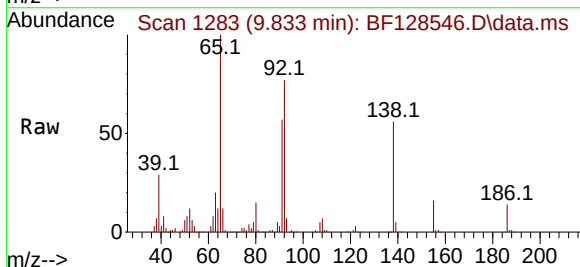
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

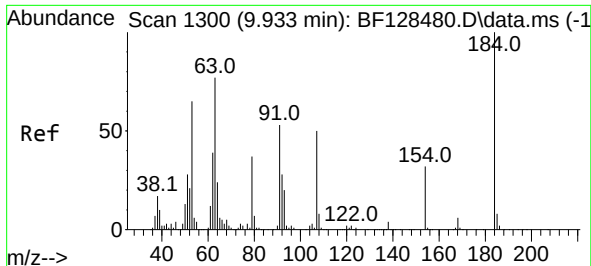
Tgt Ion:154 Resp: 1030745  
Ion Ratio Lower Upper  
154 100  
153 113.2 89.6 134.4  
152 53.9 42.4 63.6



#53  
3-Nitroaniline  
Concen: 34.045 ng  
RT: 9.833 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:138 Resp: 195812  
Ion Ratio Lower Upper  
138 100  
108 12.1 10.9 16.3  
92 136.6 98.2 147.2

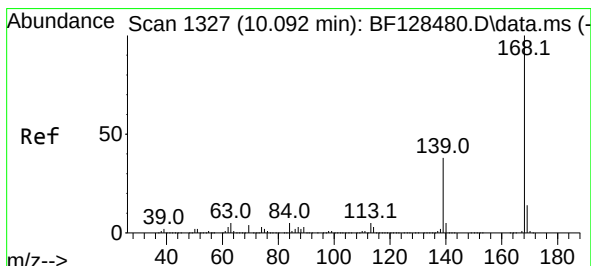
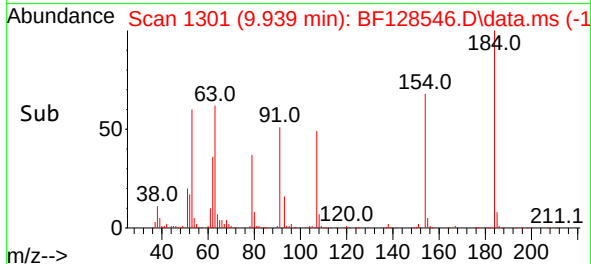
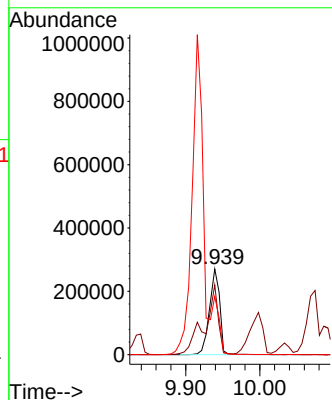
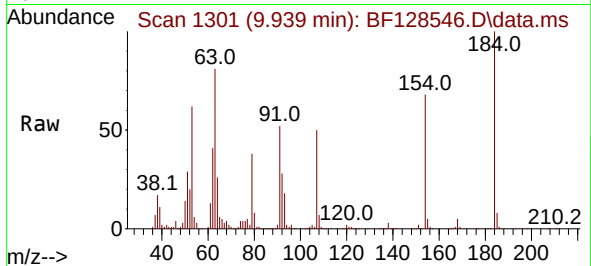




#54  
2,4-Dinitrophenol  
Concen: 101.327 ng  
RT: 9.939 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

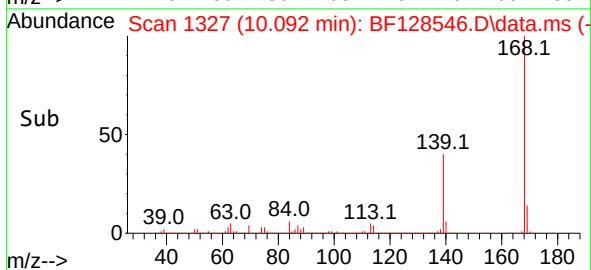
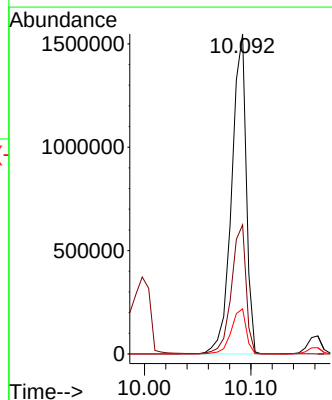
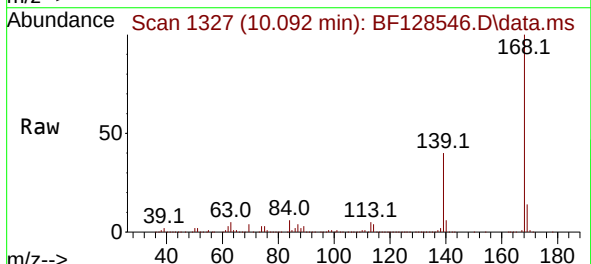
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

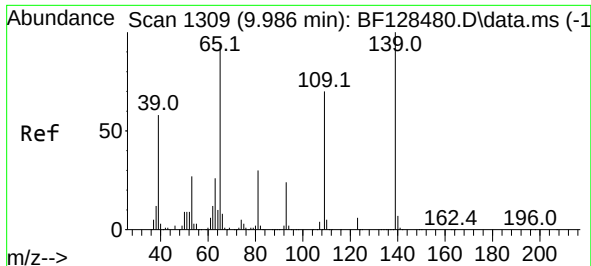
Tgt Ion:184 Resp: 260982  
Ion Ratio Lower Upper  
184 100  
63 81.4 64.5 96.7  
154 67.8 50.6 75.8



#55  
Dibenzofuran  
Concen: 45.484 ng  
RT: 10.092 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:168 Resp: 1477036  
Ion Ratio Lower Upper  
168 100  
139 40.3 30.6 46.0  
169 14.1 11.0 16.6

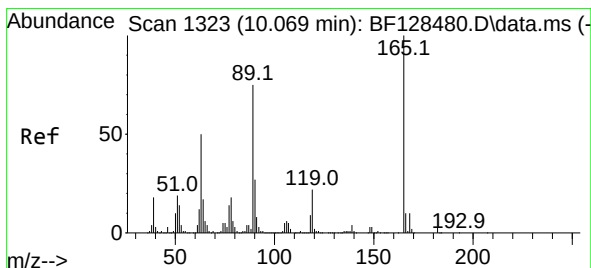
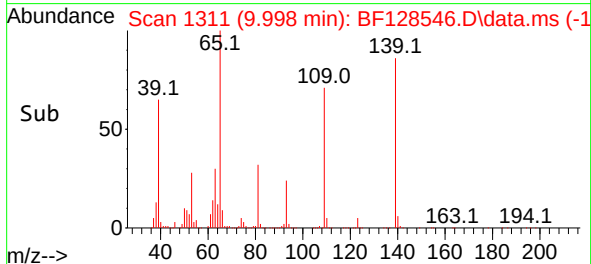
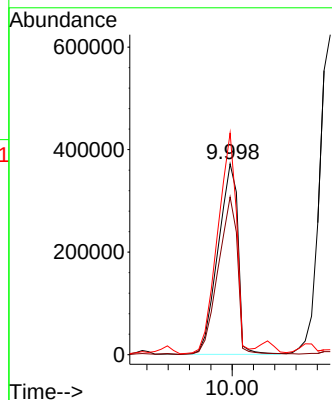
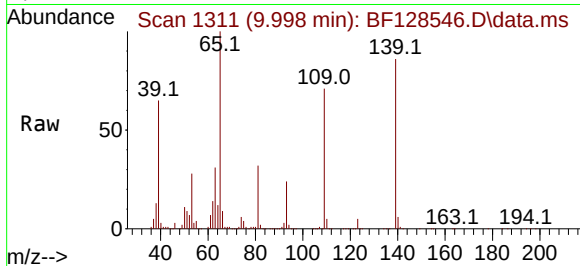




#56  
4-Nitrophenol  
Concen: 103.255 ng  
RT: 9.998 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

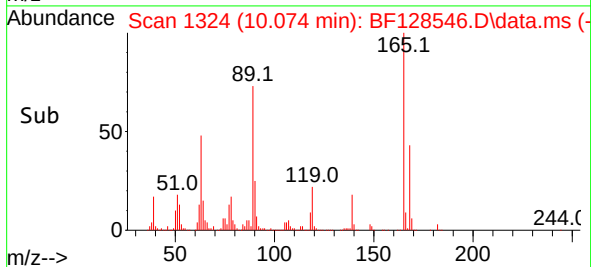
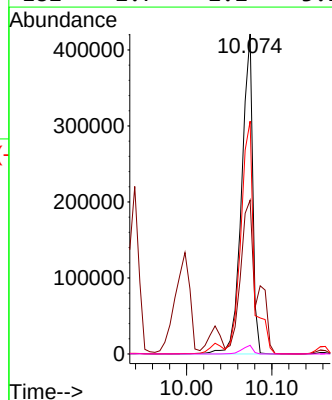
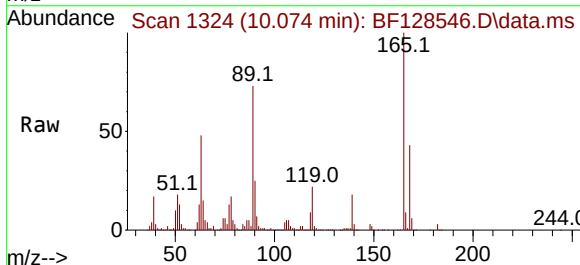
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

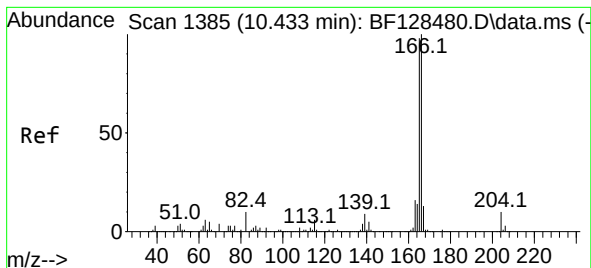
Tgt Ion:139 Resp: 481908  
Ion Ratio Lower Upper  
139 100  
109 82.7 50.7 90.7  
65 116.2 74.5 114.5#



#57  
2,4-Dinitrotoluene  
Concen: 64.026 ng  
RT: 10.074 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:165 Resp: 381488  
Ion Ratio Lower Upper  
165 100  
63 48.1 39.8 59.6  
89 72.8 60.2 90.2  
182 2.7 2.2 3.2





#58

Fluorene

Concen: 46.275 ng

RT: 10.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

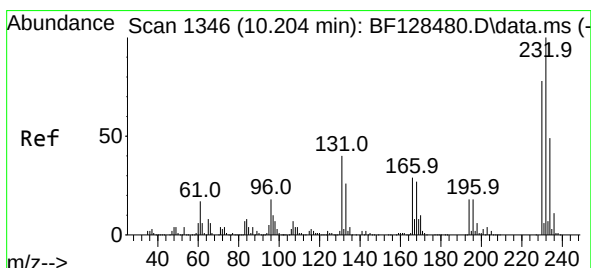
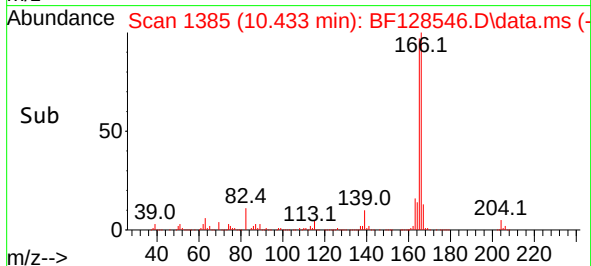
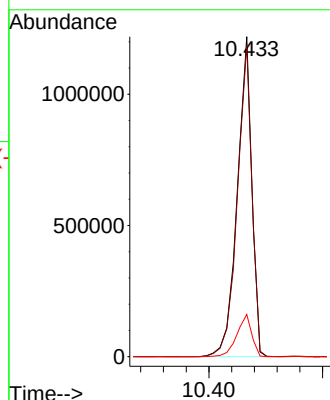
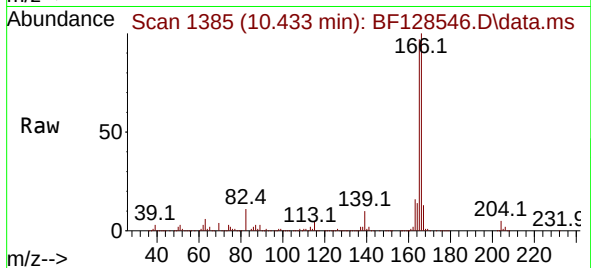
Tgt Ion:166 Resp: 1081822

Ion Ratio Lower Upper

166 100

165 97.4 78.1 117.1

167 13.2 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.838 ng

RT: 10.204 min Scan# 1346

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Tgt Ion:232 Resp: 324703

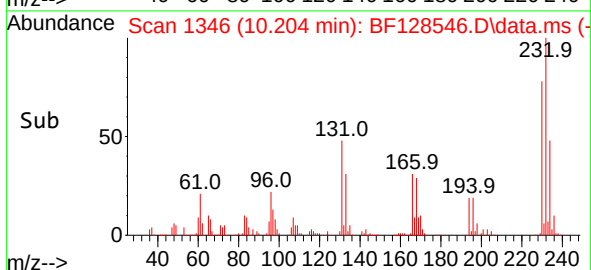
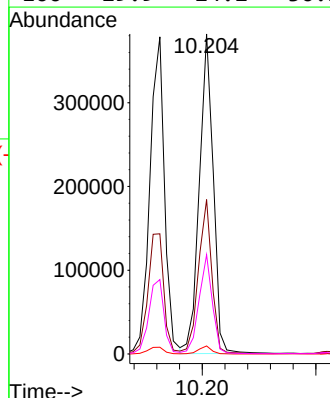
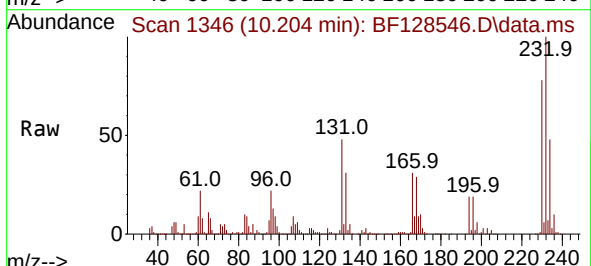
Ion Ratio Lower Upper

232 100

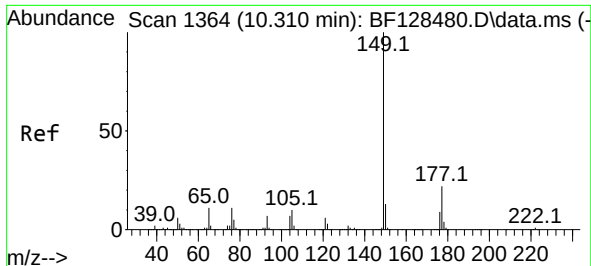
131 47.3 36.1 54.1

130 2.3 1.8 2.8

166 29.9 24.2 36.2

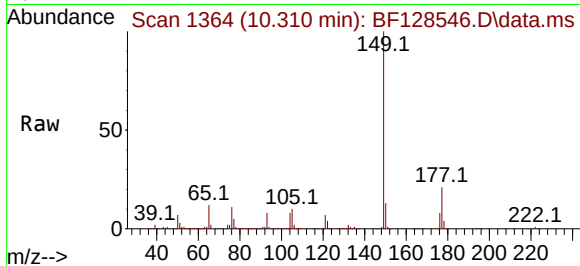




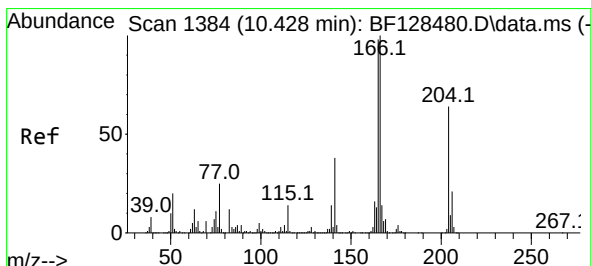
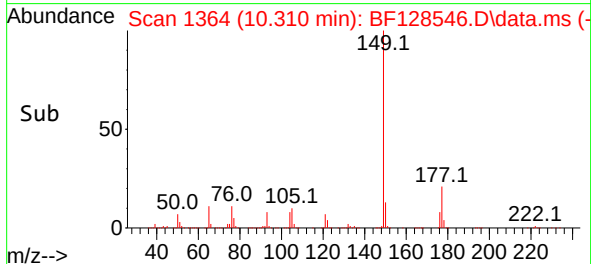
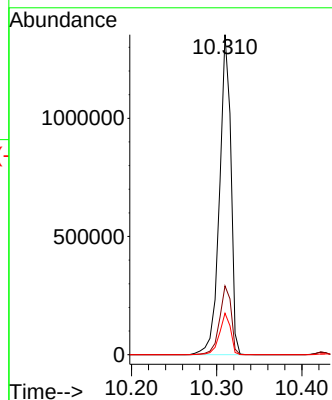


#60  
Diethylphthalate  
Concen: 47.542 ng  
RT: 10.310 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

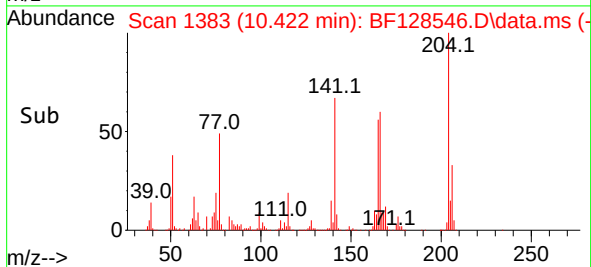
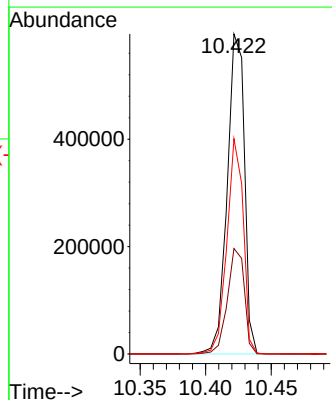
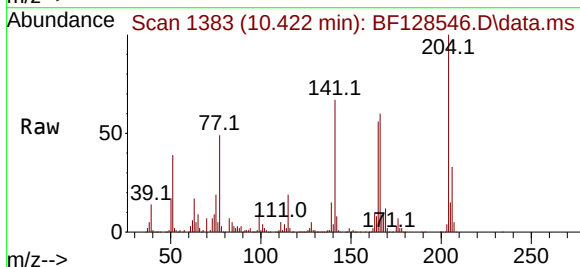


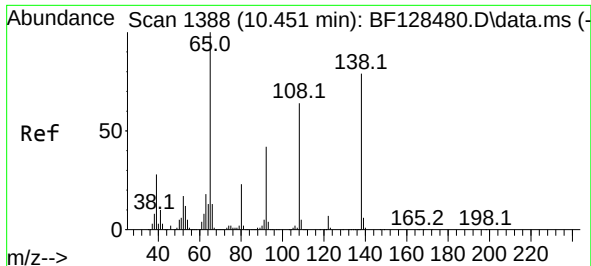
Tgt Ion:149 Resp: 1254984  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.3 25.9  
150 12.9 10.2 15.2



#61  
4-Chlorophenyl-phenylether  
Concen: 45.858 ng  
RT: 10.422 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:204 Resp: 543938  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.8 38.6  
141 67.3 47.0 70.4

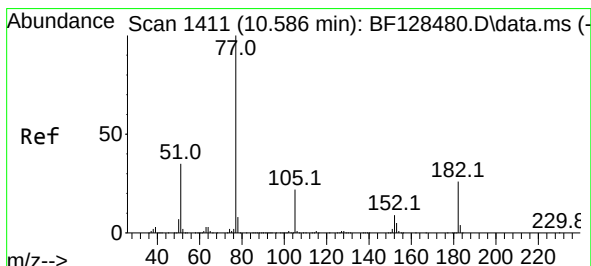
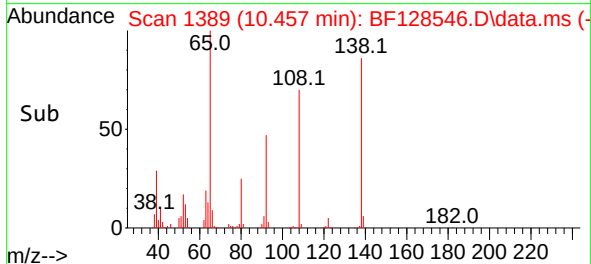
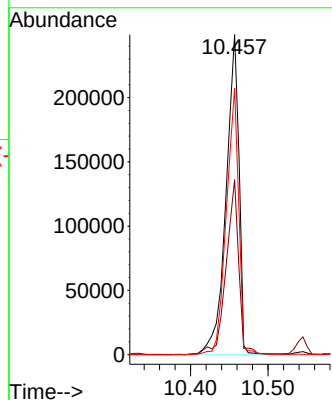
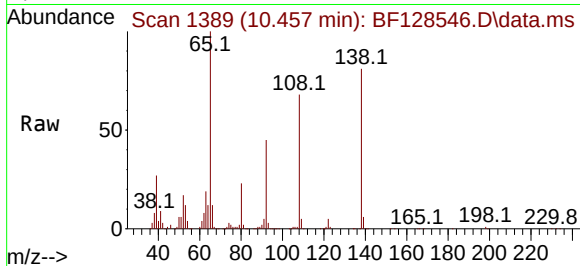




#62  
4-Nitroaniline  
Concen: 52.976 ng  
RT: 10.457 min Scan# 1389  
Delta R.T. 0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

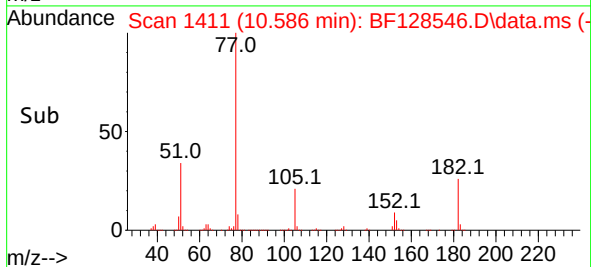
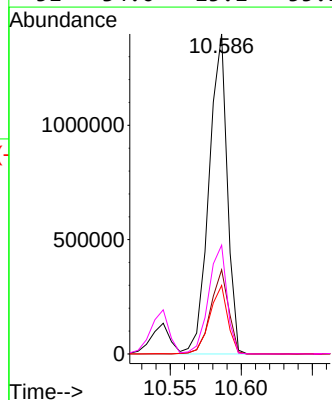
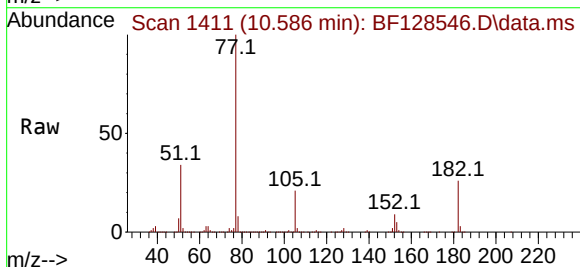
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

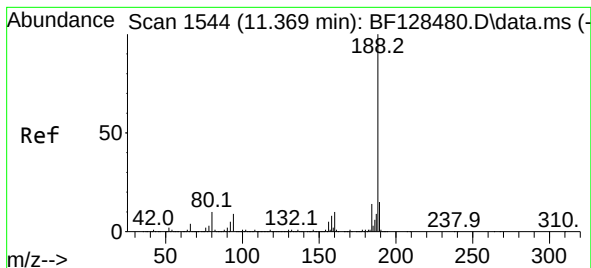
Tgt Ion:138 Resp: 291725  
Ion Ratio Lower Upper  
138 100  
92 54.7 33.5 73.5  
108 83.3 61.0 101.0



#63  
Azobenzene  
Concen: 46.245 ng  
RT: 10.586 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion: 77 Resp: 1242798  
Ion Ratio Lower Upper  
77 100  
182 26.3 5.6 45.6  
105 21.4 1.6 41.6  
51 34.0 15.1 55.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

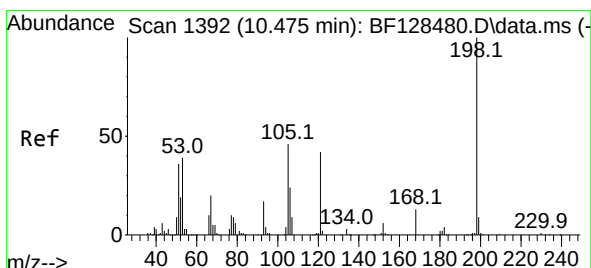
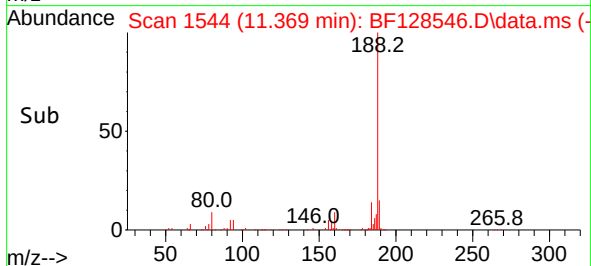
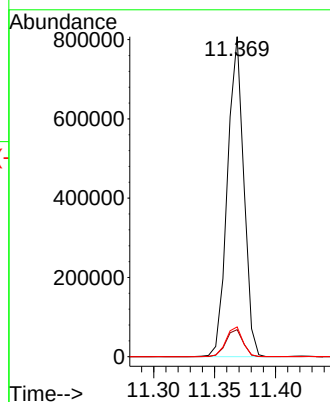
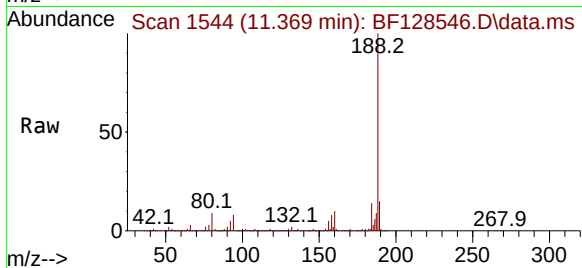
Tgt Ion:188 Resp: 753946

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 48.734 ng

RT: 10.480 min Scan# 1393

Delta R.T. 0.005 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

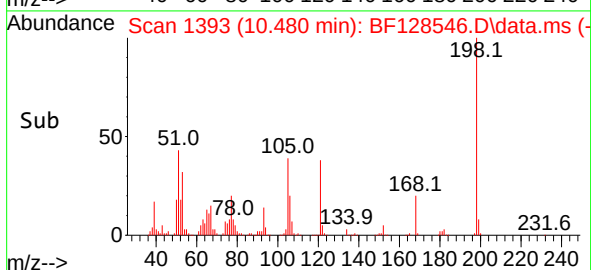
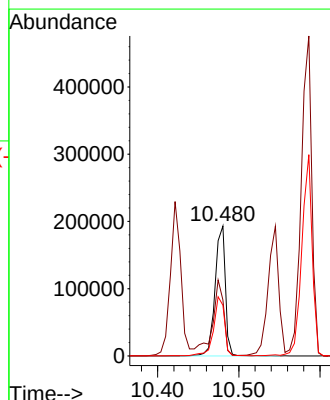
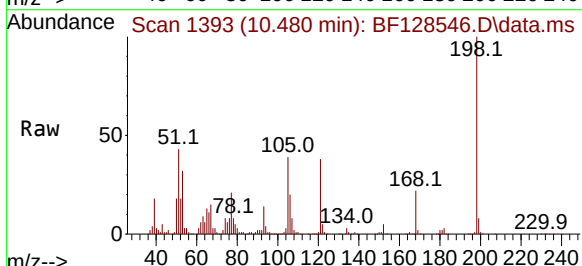
Tgt Ion:198 Resp: 170128

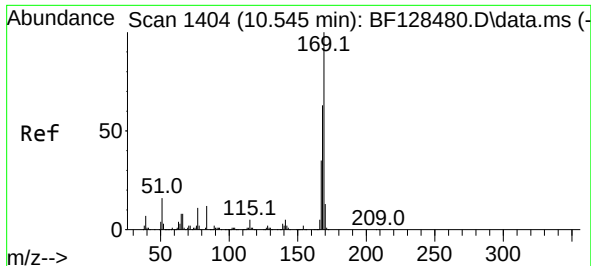
Ion Ratio Lower Upper

198 100

51 43.1 37.6 77.6

105 39.1 27.0 67.0

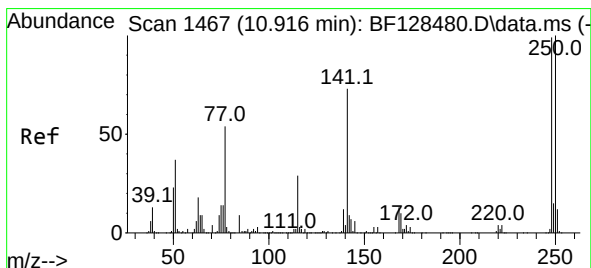
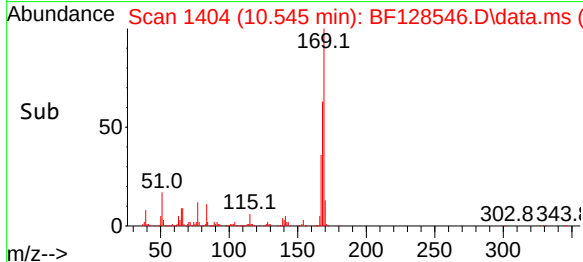
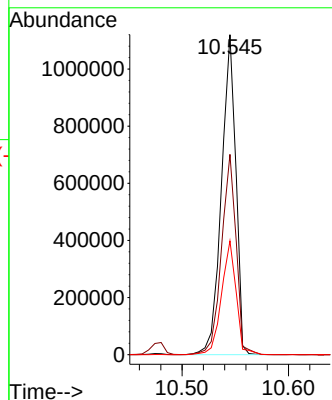
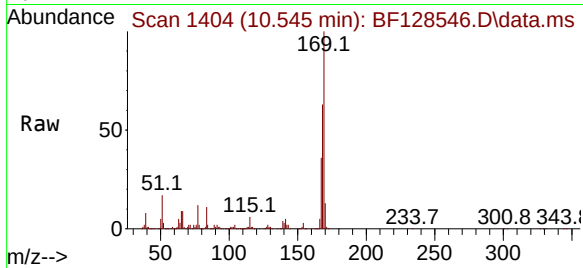




#66  
n-Nitrosodiphenylamine  
Concen: 46.317 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

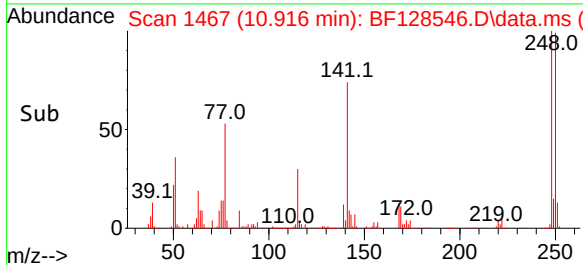
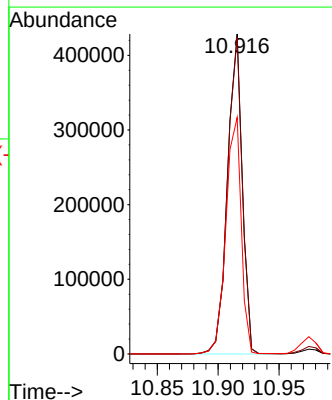
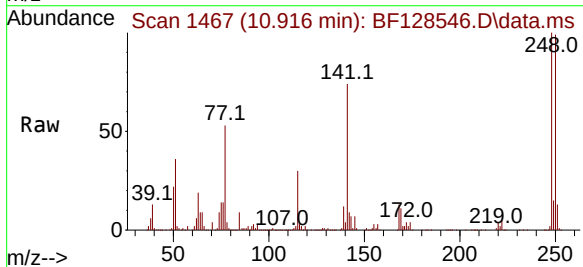
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

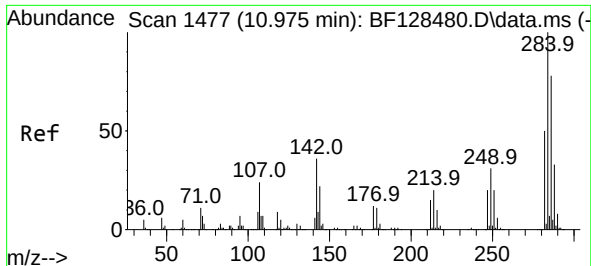
Tgt Ion:169 Resp: 1045483  
Ion Ratio Lower Upper  
169 100  
168 62.6 50.1 75.1  
167 35.6 27.9 41.9



#67  
4-Bromophenyl-phenylether  
Concen: 46.629 ng  
RT: 10.916 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

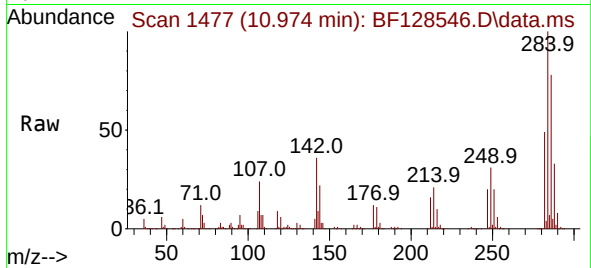
Tgt Ion:248 Resp: 363219  
Ion Ratio Lower Upper  
248 100  
250 99.0 80.6 120.8  
141 73.9 58.9 88.3



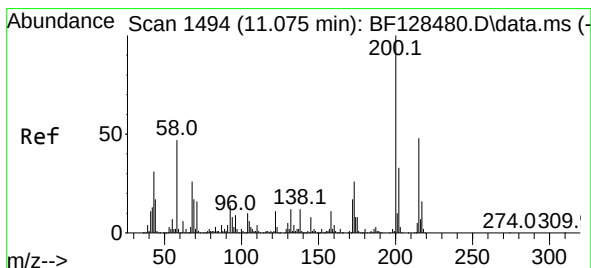
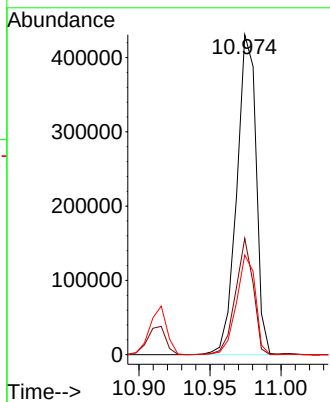
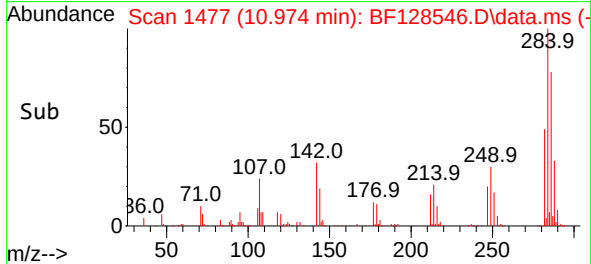


#68  
Hexachlorobenzene  
Concen: 47.574 ng  
RT: 10.974 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

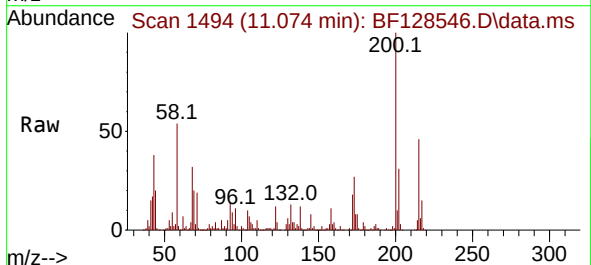
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD



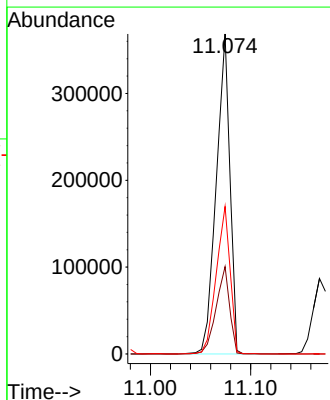
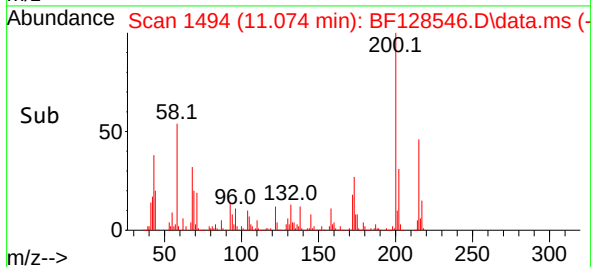
Tgt Ion:284 Resp: 409241  
Ion Ratio Lower Upper  
284 100  
142 36.4 29.0 43.4  
249 31.2 25.0 37.6

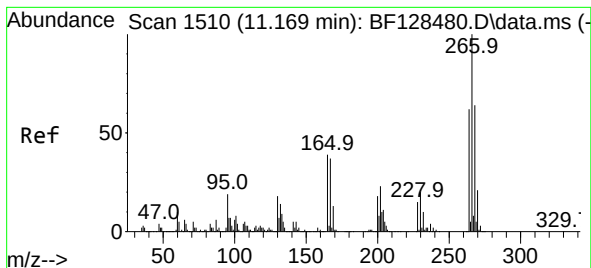


#69  
Atrazine  
Concen: 49.706 ng  
RT: 11.074 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04



Tgt Ion:200 Resp: 348219  
Ion Ratio Lower Upper  
200 100  
173 27.3 6.3 46.3  
215 46.1 28.3 68.3





#70

Pentachlorophenol

Concen: 83.638 ng

RT: 11.169 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

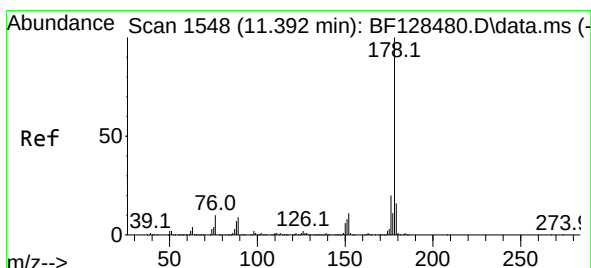
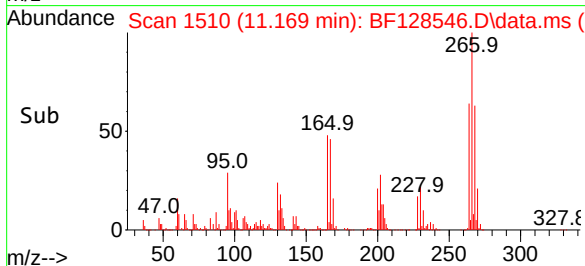
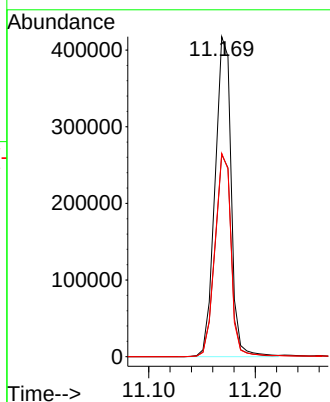
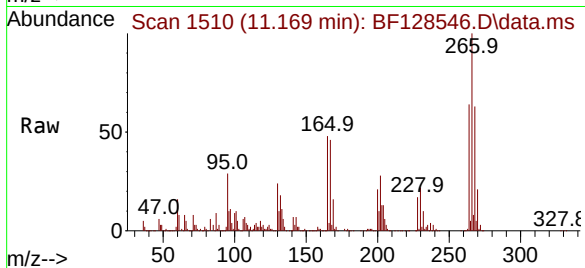
Tgt Ion:266 Resp: 438434

Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.4

264 63.6 49.4 74.2



#71

Phenanthrene

Concen: 45.651 ng

RT: 11.392 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

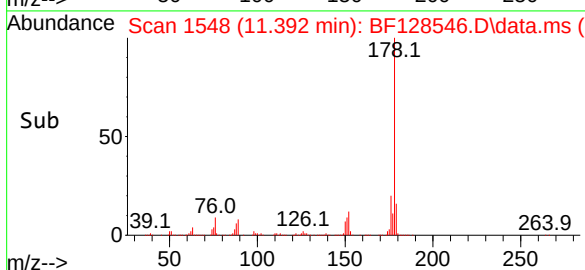
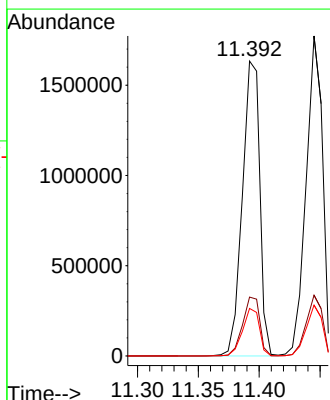
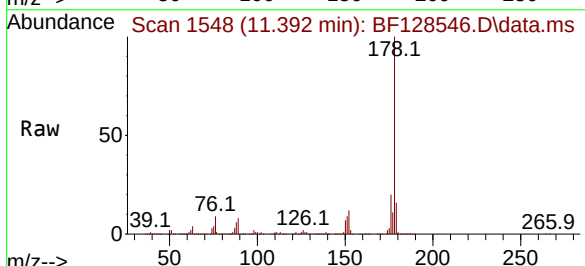
Tgt Ion:178 Resp: 1630432

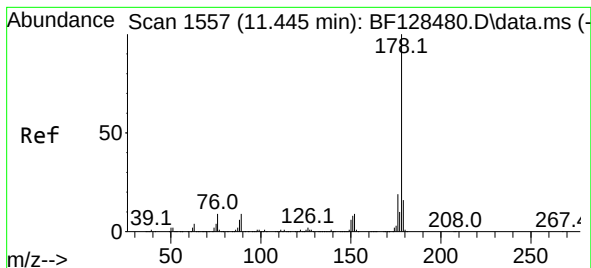
Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 16.1 12.6 19.0





#72

Anthracene

Concen: 46.774 ng

RT: 11.445 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

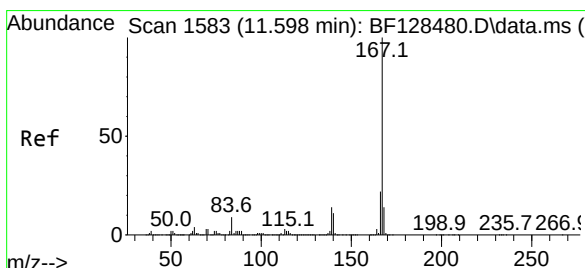
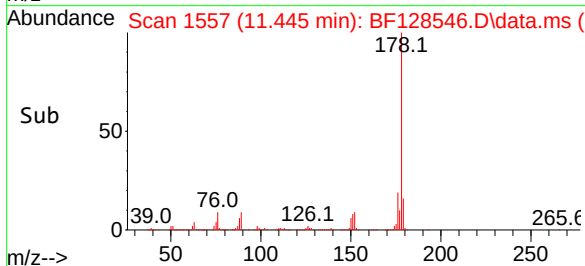
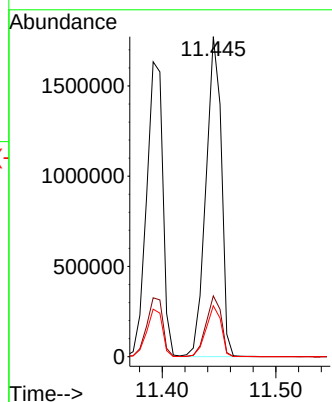
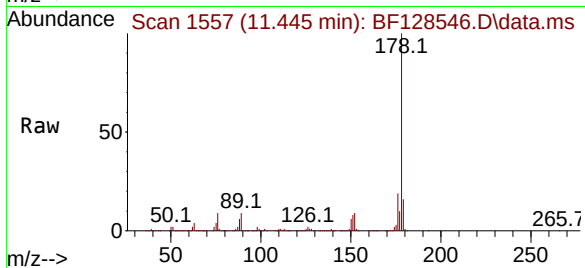
Tgt Ion:178 Resp: 1668665

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.9 12.6 19.0



#73

Carbazole

Concen: 43.694 ng

RT: 11.598 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

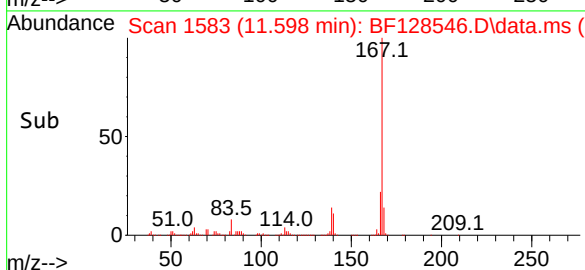
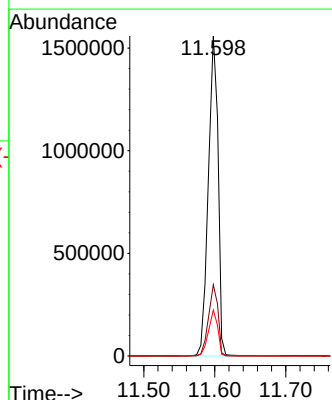
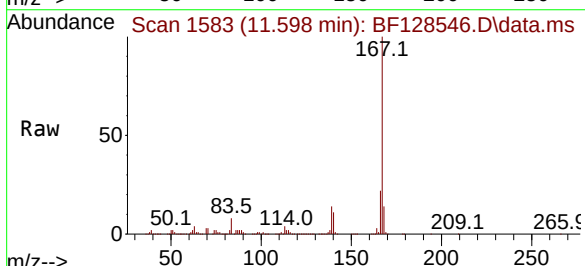
Tgt Ion:167 Resp: 1493872

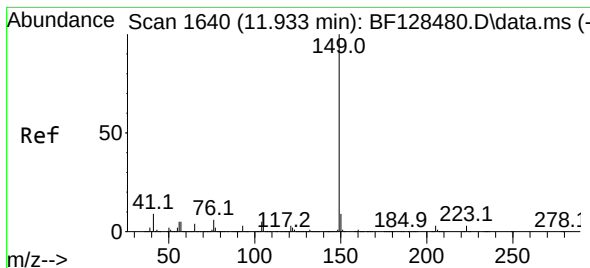
Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

139 14.4 11.2 16.8





#74

Di-n-butylphthalate

Concen: 46.245 ng

RT: 11.933 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

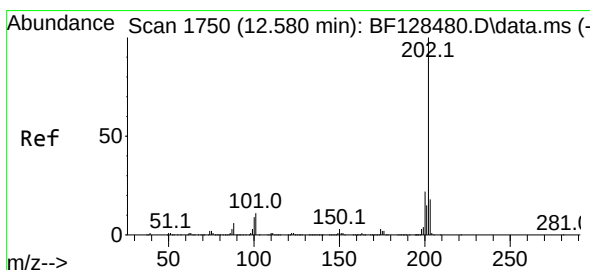
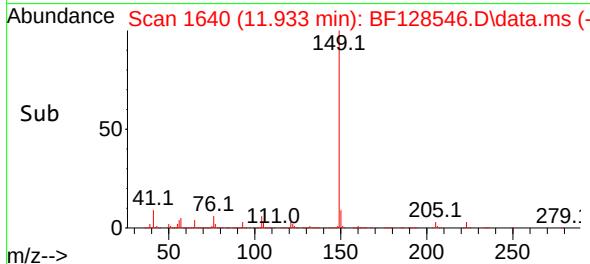
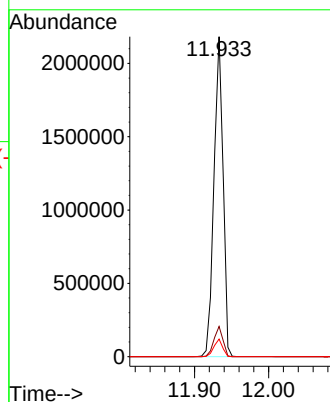
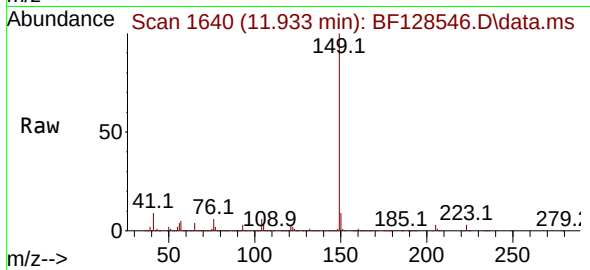
Tgt Ion:149 Resp: 1860926

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.5 4.4 6.6



#75

Fluoranthene

Concen: 43.958 ng

RT: 12.580 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

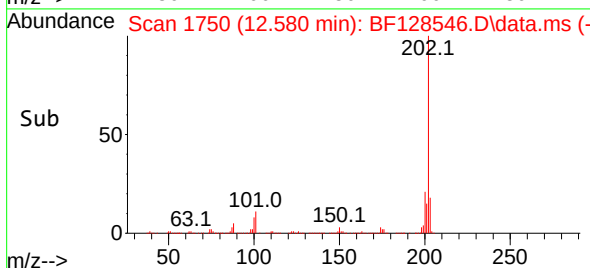
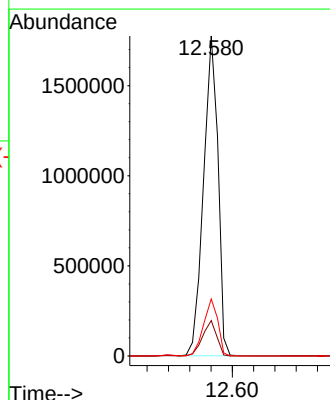
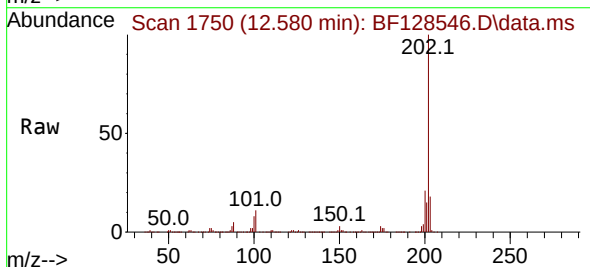
Tgt Ion:202 Resp: 1678492

Ion Ratio Lower Upper

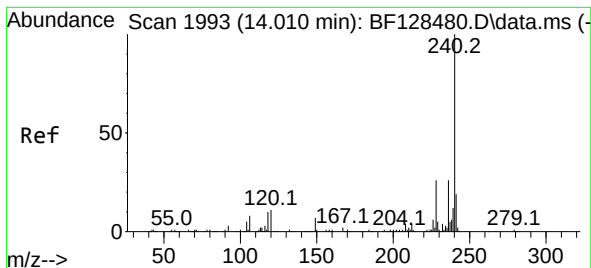
202 100

101 11.1 0.0 31.4

203 17.8 0.0 38.0







#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

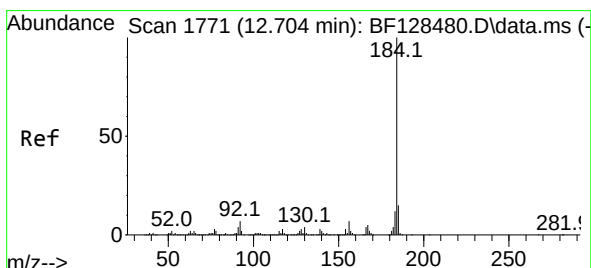
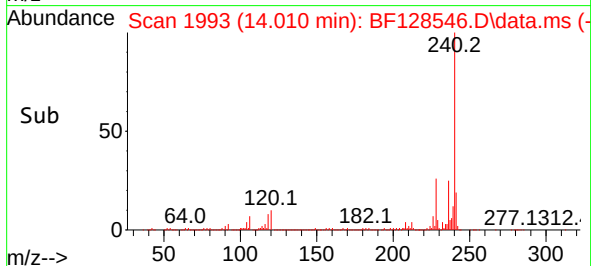
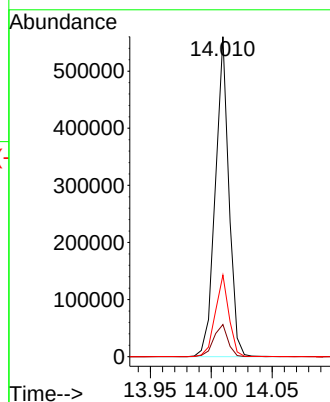
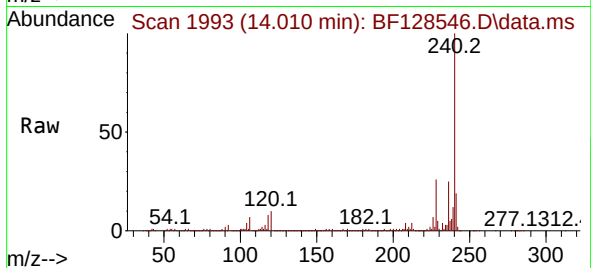
Tgt Ion:240 Resp: 431862

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 25.5 20.8 31.2



#77

Benzidine

Concen: 86.111 ng

RT: 12.704 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

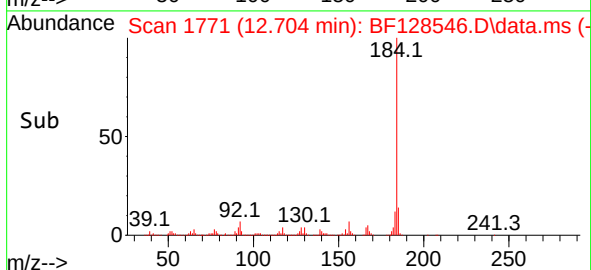
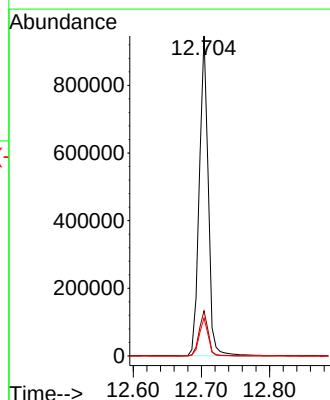
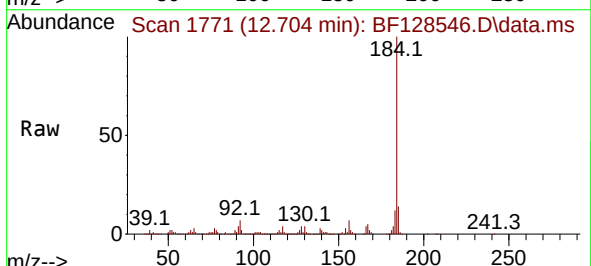
Tgt Ion:184 Resp: 857767

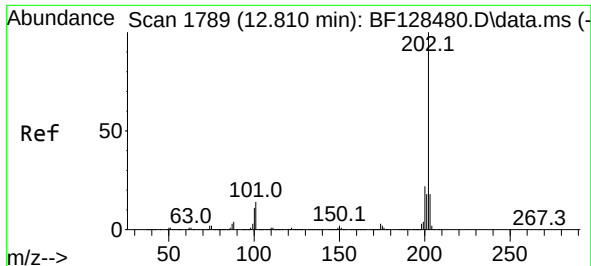
Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 11.8 9.3 13.9

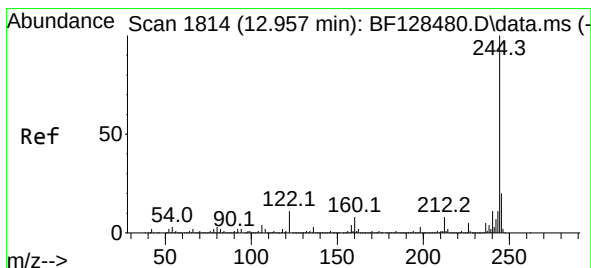
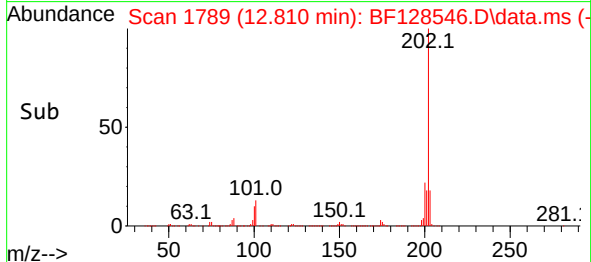
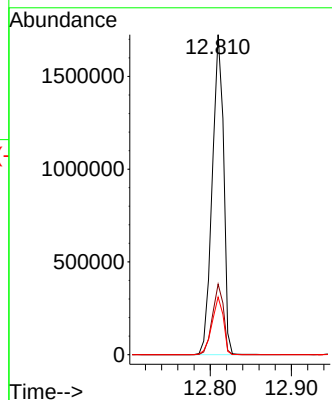
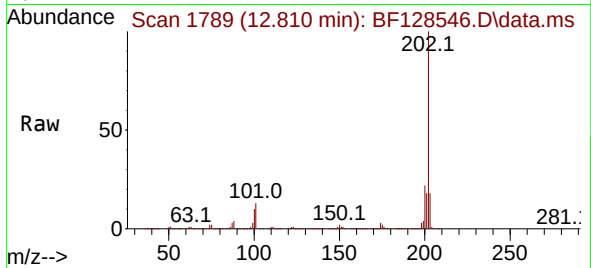




#78  
Pyrene  
Concen: 51.283 ng  
RT: 12.810 min Scan# 1789  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

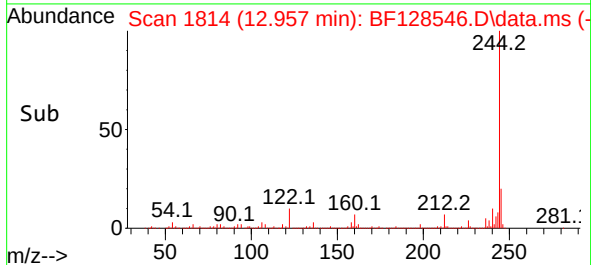
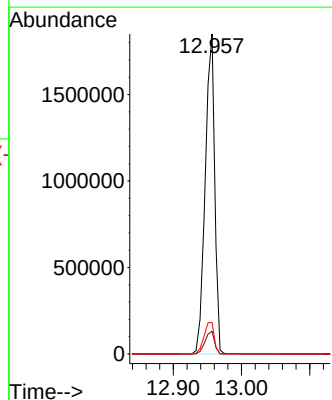
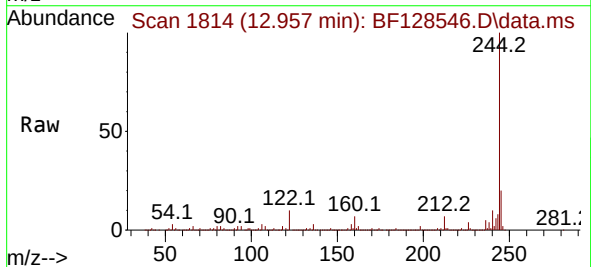
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

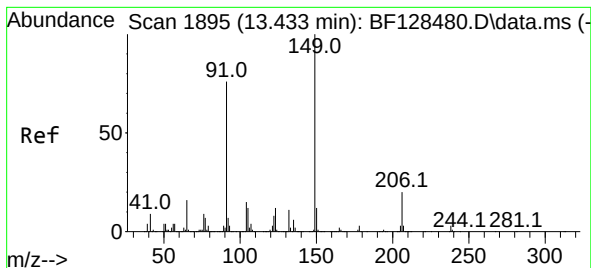
Tgt Ion:202 Resp: 1668457  
Ion Ratio Lower Upper  
202 100  
200 22.0 17.7 26.5  
203 18.0 14.6 21.8



#79  
Terphenyl-d14  
Concen: 80.020 ng  
RT: 12.957 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:244 Resp: 1788734  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.1 9.1  
122 9.8 8.8 13.2





#80

Butylbenzylphthalate

Concen: 51.852 ng

RT: 13.433 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

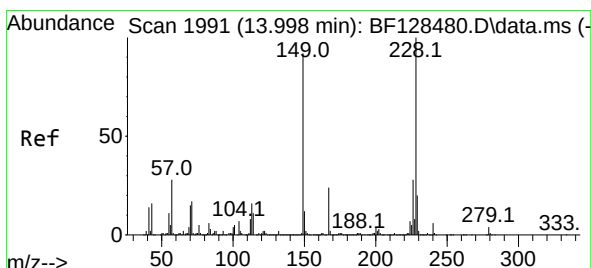
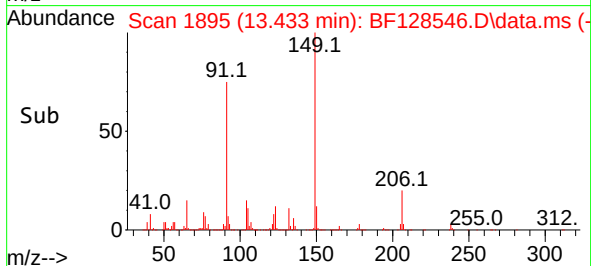
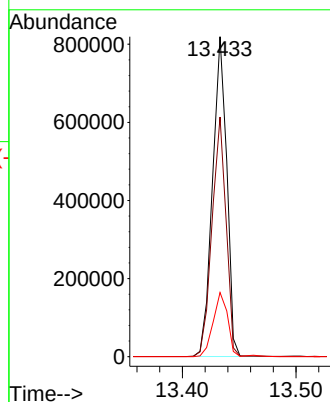
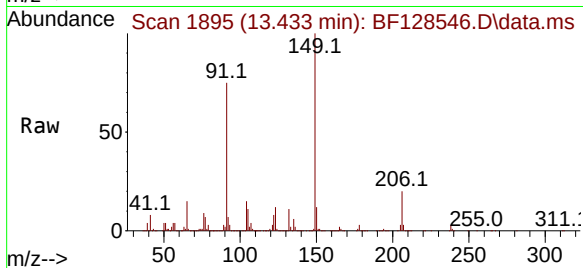
Tgt Ion:149 Resp: 711567

Ion Ratio Lower Upper

149 100

91 74.9 61.2 91.8

206 20.1 15.7 23.5



#81

Benzo(a)anthracene

Concen: 45.940 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

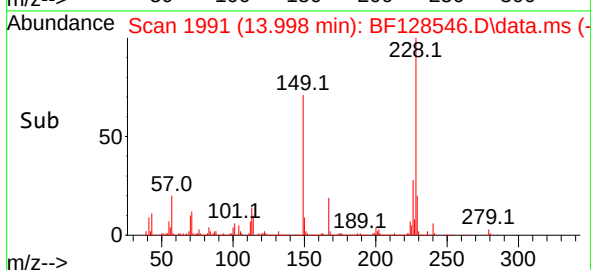
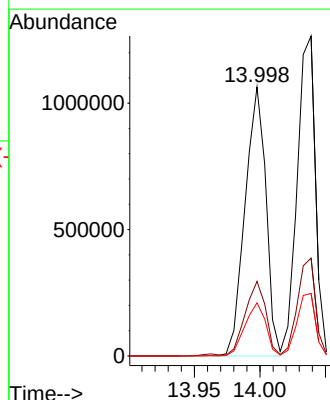
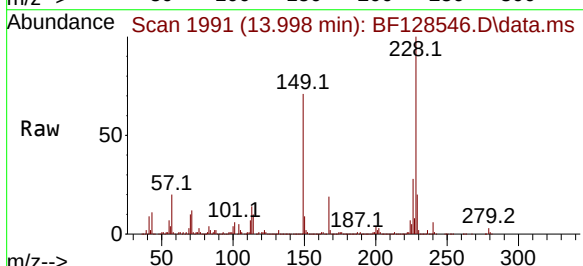
Tgt Ion:228 Resp: 1179216

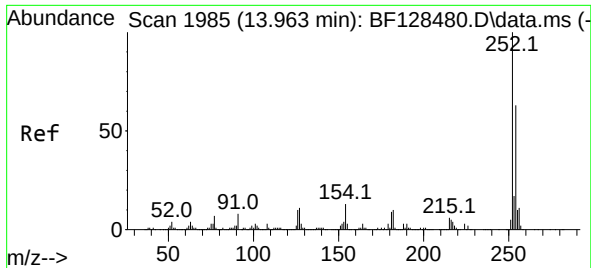
Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

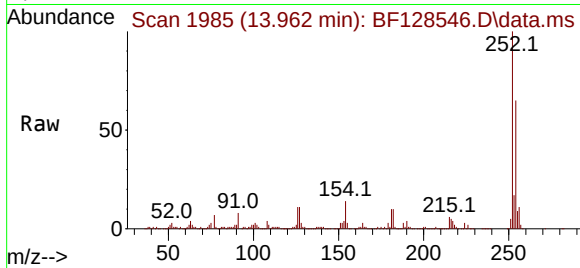
229 19.7 15.8 23.8



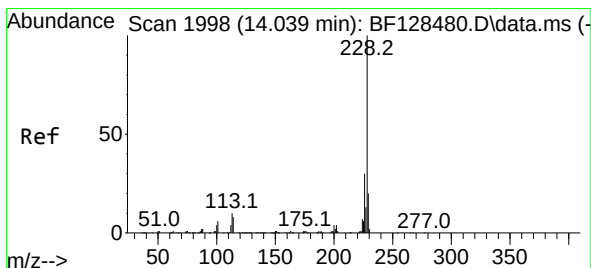
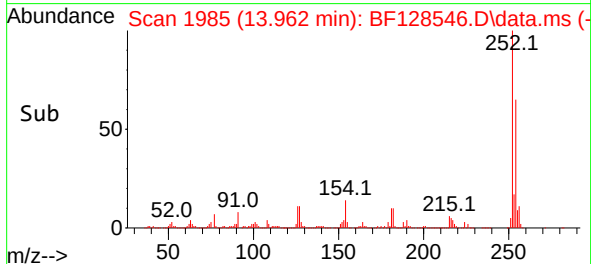
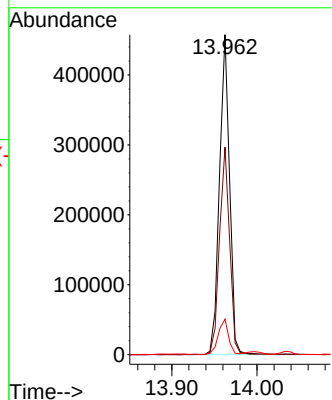


#82  
3,3'-Dichlorobenzidine  
Concen: 57.451 ng  
RT: 13.962 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

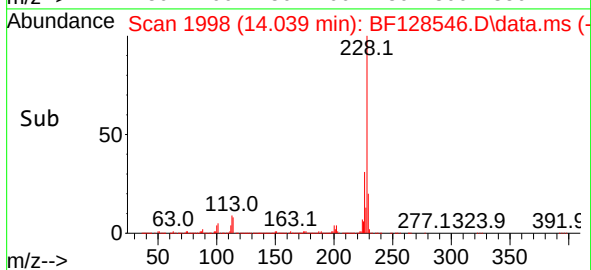
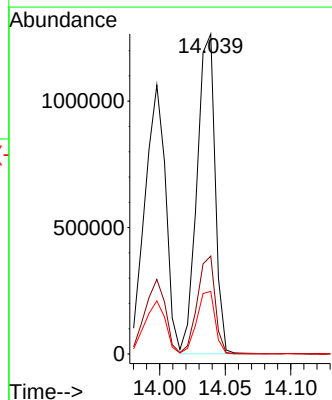
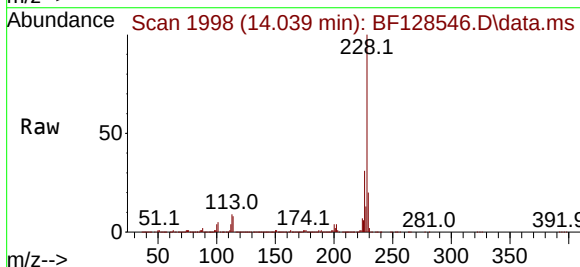


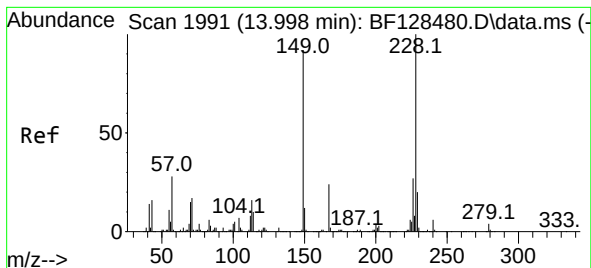
Tgt Ion:252 Resp: 377613  
Ion Ratio Lower Upper  
252 100  
254 64.9 50.2 75.4  
126 11.1 8.2 12.4



#83  
Chrysene  
Concen: 46.326 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:228 Resp: 1217801  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.3 36.5  
229 19.6 15.9 23.9

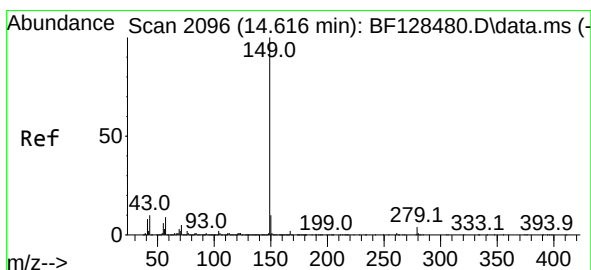
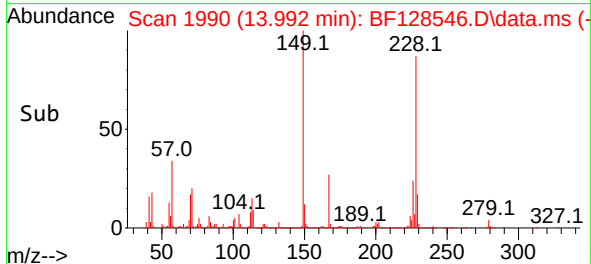
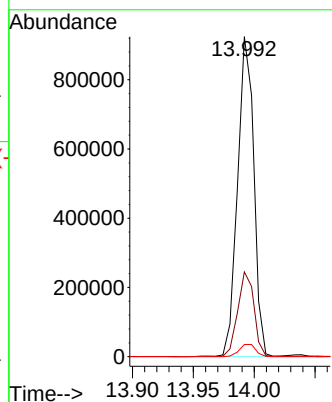
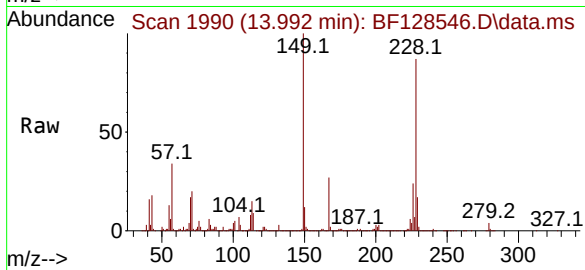




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 51.509 ng  
RT: 13.992 min Scan# 1990  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

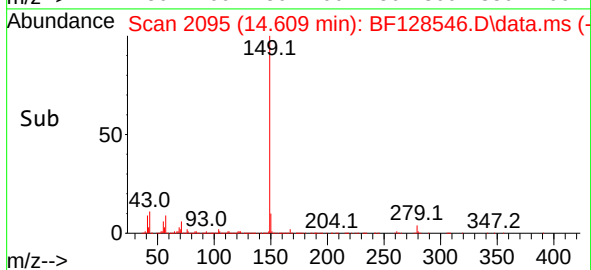
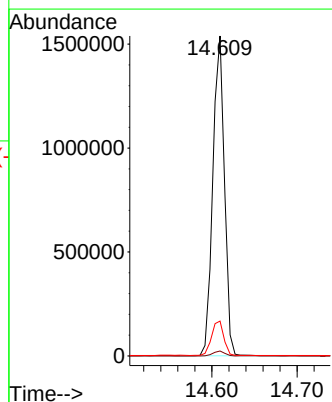
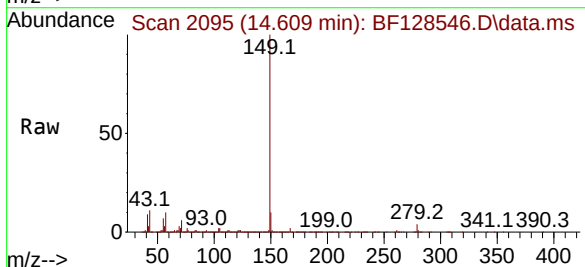
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

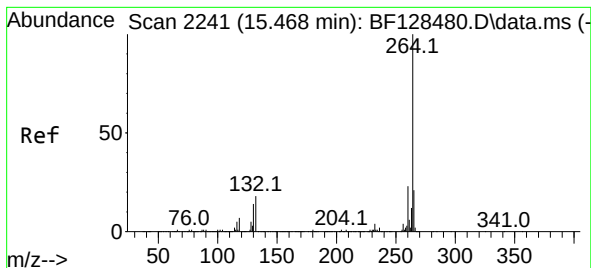
Tgt Ion:149 Resp: 854932  
Ion Ratio Lower Upper  
149 100  
167 26.5 21.0 31.4  
279 3.8 3.1 4.7



#85  
Di-n-octyl phthalate  
Concen: 49.811 ng  
RT: 14.609 min Scan# 2095  
Delta R.T. -0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:149 Resp: 1455301  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.3 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

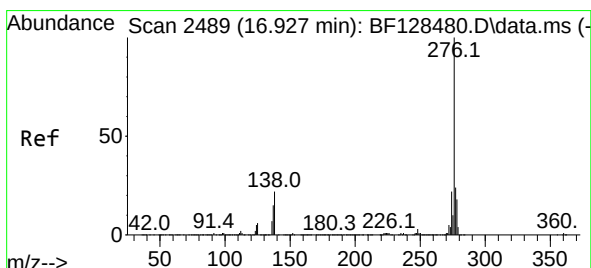
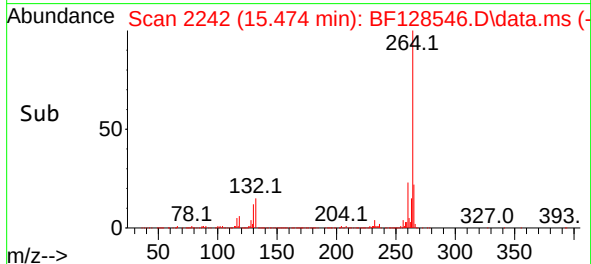
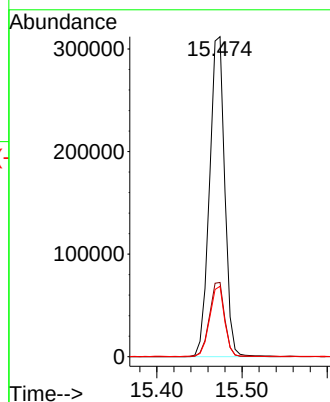
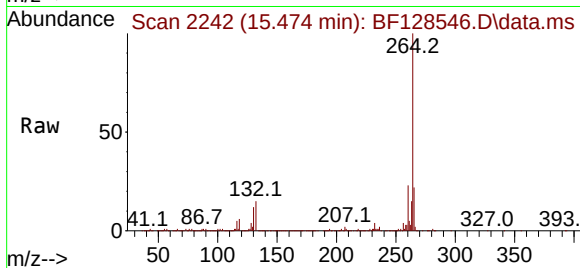
Tgt Ion:264 Resp: 387091

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.0 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.695 ng

RT: 16.933 min Scan# 2490

Delta R.T. 0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

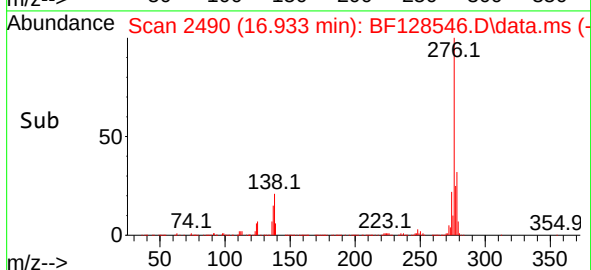
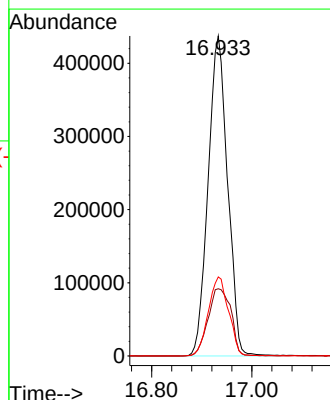
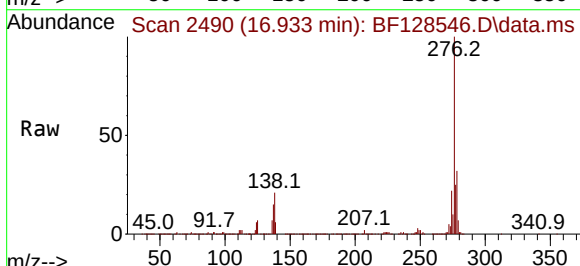
Tgt Ion:276 Resp: 1180244

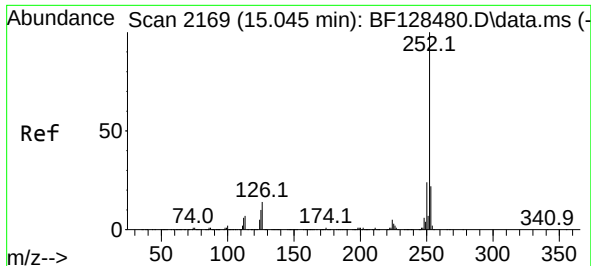
Ion Ratio Lower Upper

276 100

138 24.8 21.1 31.7

277 25.8 20.3 30.5

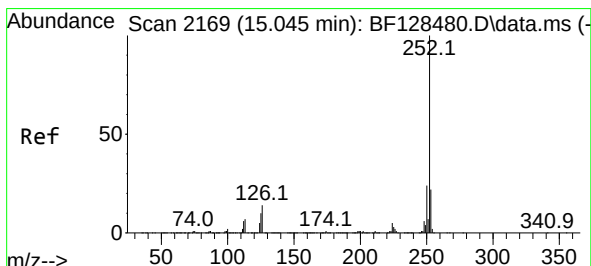
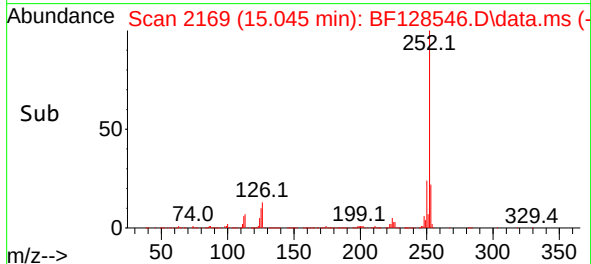
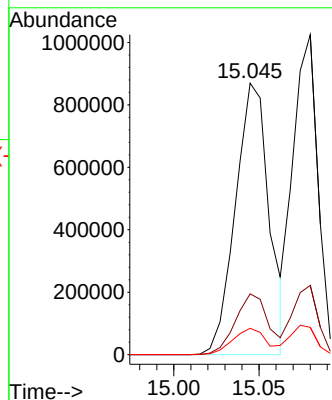
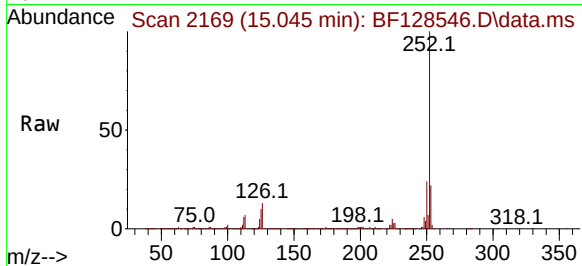




#88  
Benzo(b)fluoranthene  
Concen: 49.825 ng  
RT: 15.045 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

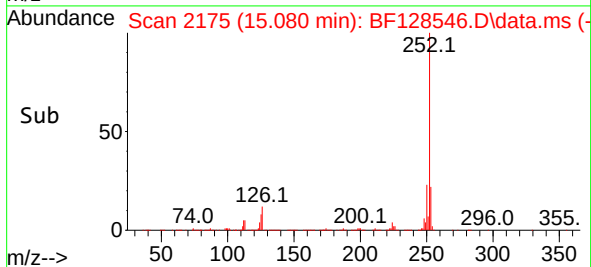
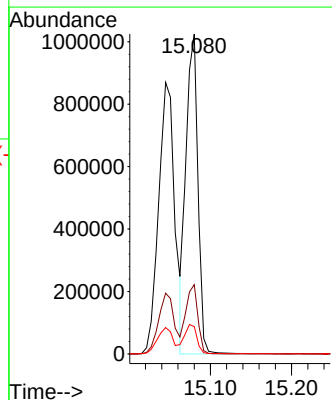
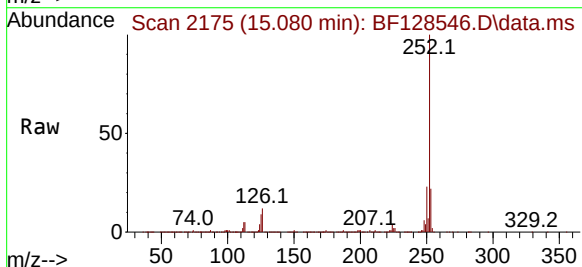
Instrument :  
BNA\_F  
ClientSampleId :  
P009-SS003-2430-01MSD

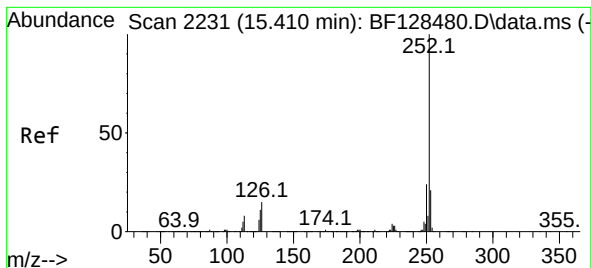
Tgt Ion:252 Resp: 1199789  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 9.7 8.0 12.0



#89  
Benzo(k)fluoranthene  
Concen: 46.853 ng  
RT: 15.080 min Scan# 2175  
Delta R.T. 0.006 min  
Lab File: BF128546.D  
Acq: 28 May 2022 14:04

Tgt Ion:252 Resp: 1045312  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.8 26.6  
125 8.5 8.3 12.5





#90

Benzo(a)pyrene

Concen: 55.211 ng

RT: 15.409 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD

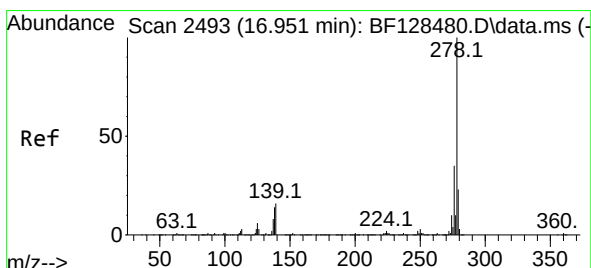
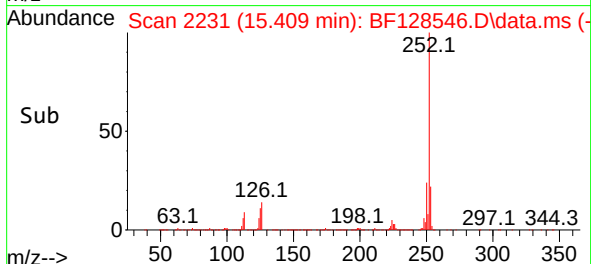
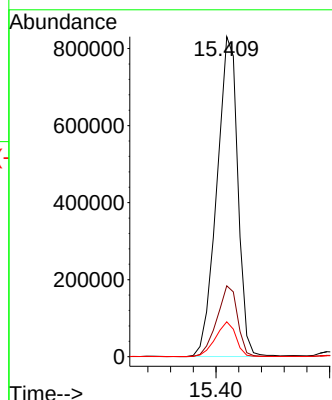
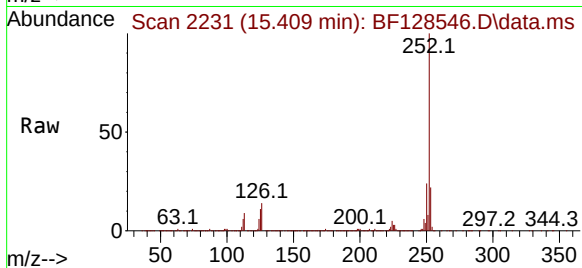
Tgt Ion:252 Resp: 1066645

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 10.9 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 54.861 ng

RT: 16.956 min Scan# 2494

Delta R.T. 0.006 min

Lab File: BF128546.D

Acq: 28 May 2022 14:04

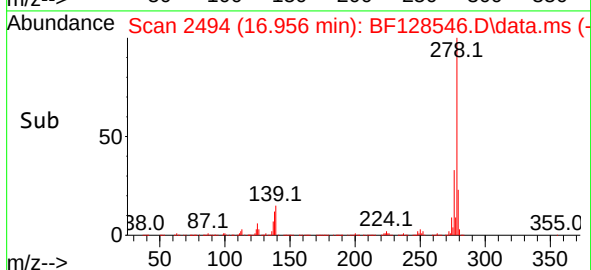
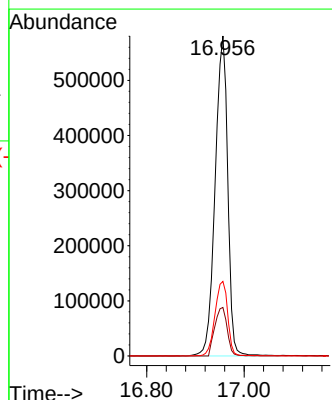
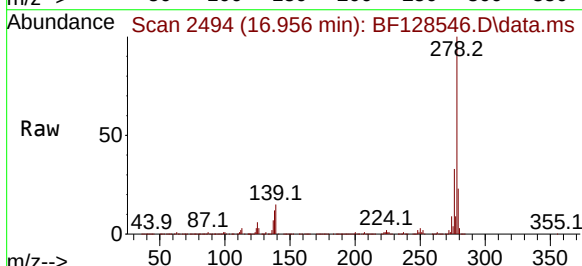
Tgt Ion:278 Resp: 1038513

Ion Ratio Lower Upper

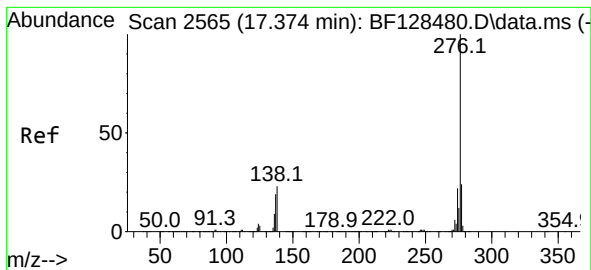
278 100

139 15.2 12.8 19.2

279 23.3 18.6 28.0







#92

Benzo(g,h,i)perylene

Concen: 56.074 ng

RT: 17.380 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128546.D

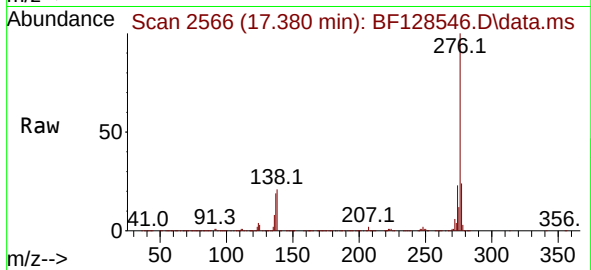
Acq: 28 May 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

P009-SS003-2430-01MSD



Tgt Ion:276 Resp: 1052854

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 21.0 18.0 27.0

