

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052622\  
 Data File : BF128496.D  
 Acq On : 27 May 2022 02:51  
 Operator : CG\JU  
 Sample : PB145123BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145123BS

Quant Time: May 27 04:26:28 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  | 256043   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 978090   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.880  | 164  | 536711   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 966537   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.015 | 240  | 622762   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.474 | 264  | 518287   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 1772823  | 114.688 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.475  | 99   | 2235084  | 113.404 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 1510686  | 89.101  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.674 | 330  | 625879   | 122.515 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 2666545  | 80.717  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 2812370  | 87.247  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.763  | 88   | 268995   | 39.027  | ng    | 98       |
| 3) Pyridine                   | 3.487  | 79   | 646618   | 36.235  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.451  | 42   | 428990   | 45.876  | ng    | 98       |
| 6) Aniline                    | 6.504  | 93   | 827280   | 35.971  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.628  | 128  | 771145   | 48.112  | ng    | 99       |
| 9) Benzaldehyde               | 6.386  | 77   | 128524   | 6.412   | ng    | 97       |
| 10) Phenol                    | 6.486  | 94   | 896086   | 45.882  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 721926   | 45.155  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 794879   | 43.649  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 793735   | 43.092  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 776028   | 45.775  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.986  | 79   | 555524   | 36.956  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 1259069  | 44.498  | ng    | 99       |
| 17) 2-Methylphenol            | 7.092  | 107  | 637809   | 46.754  | ng    | 99       |
| 18) Hexachloroethane          | 7.357  | 117  | 300761   | 46.290  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 530447   | 43.895  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 707208   | 42.912  | ng    | 93       |
| 22) Acetophenone              | 7.257  | 105  | 983045   | 43.588  | ng    | 98       |
| 24) Nitrobenzene              | 7.428  | 77   | 794027   | 47.371  | ng    | 98       |
| 25) Isophorone                | 7.669  | 82   | 1518234  | 48.541  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.739  | 139  | 379753   | 54.207  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 740824   | 53.201  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 896022   | 44.142  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.981  | 162  | 649162   | 45.046  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 690990   | 44.267  | ng    | 98       |
| 31) Naphthalene               | 8.145  | 128  | 2125874  | 44.408  | ng    | 99       |
| 32) Benzoic acid              | 7.916  | 122  | 517809   | 52.604  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 473020   | 24.816  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 435236   | 44.160  | ng    | 98       |
| 35) Caprolactam               | 8.580  | 113  | 110411   | 24.846  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.680  | 107  | 689487   | 46.573  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 1345132  | 44.516  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 1286263  | 43.768  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 620186   | 42.080  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 840668   | 101.472 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 470184   | 43.261  | ng    | 97       |

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 QLast Update : Fri May 27 01:51:59 2022  
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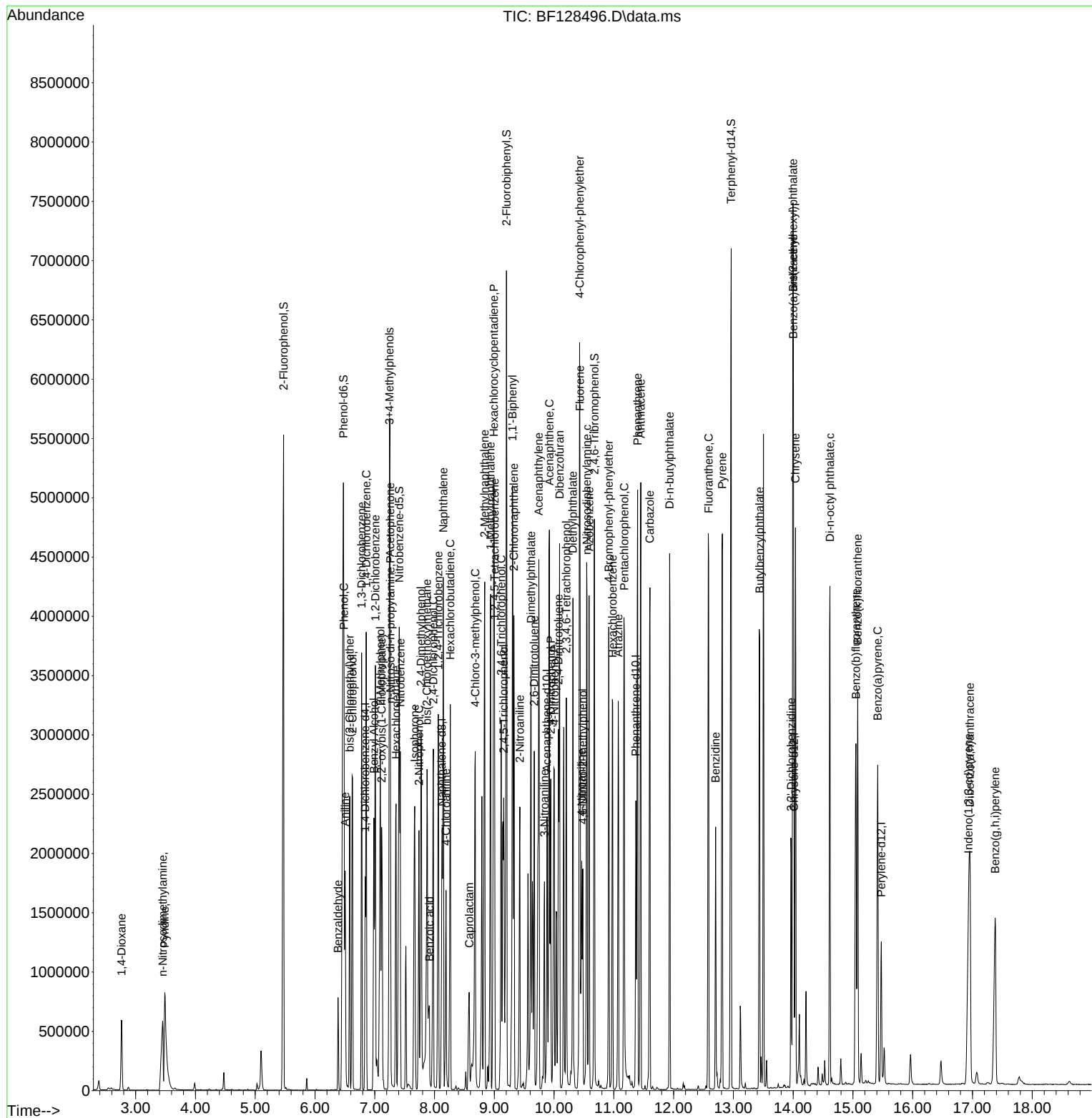
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.157  | 196  | 526449   | 47.011 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 1639465  | 43.503 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.327  | 162  | 1312240  | 44.356 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.427  | 65   | 450014   | 54.703 | ng    | 96       |
| 49) Acenaphthylene            | 9.745  | 152  | 2117294  | 46.587 | ng    | 99       |
| 50) Dimethylphthalate         | 9.616  | 163  | 1579469  | 45.368 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 353423   | 55.391 | ng    | 87       |
| 52) Acenaphthene              | 9.922  | 154  | 1223544  | 43.635 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.839  | 138  | 268325   | 36.414 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.945  | 184  | 328390   | 99.641 | ng    | 94       |
| 55) Dibenzofuran              | 10.092 | 168  | 1782882  | 42.854 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.004 | 139  | 571901   | 95.647 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.074 | 165  | 449769   | 58.921 | ng    | 98       |
| 58) Fluorene                  | 10.433 | 166  | 1319152  | 44.044 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 403367   | 44.447 | ng    | 100      |
| 60) Diethylphthalate          | 10.316 | 149  | 1525166  | 45.098 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204  | 648005   | 42.643 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.463 | 138  | 362376   | 51.365 | ng    | 99       |
| 63) Azobenzene                | 10.586 | 77   | 1494740  | 43.414 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.480 | 198  | 213949   | 47.911 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.551 | 169  | 1293806  | 44.711 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 446626   | 44.725 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.980 | 284  | 507308   | 46.003 | ng    | # 92     |
| 69) Atrazine                  | 11.074 | 200  | 435529   | 48.495 | ng    | 98       |
| 70) Pentachlorophenol         | 11.174 | 266  | 591811   | 88.066 | ng    | 99       |
| 71) Phenanthrene              | 11.398 | 178  | 2030962  | 44.357 | ng    | 99       |
| 72) Anthracene                | 11.451 | 178  | 2052209  | 44.872 | ng    | 100      |
| 73) Carbazole                 | 11.604 | 167  | 1864914  | 42.549 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 2276752  | 44.134 | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 2152776  | 43.979 | ng    | 98       |
| 77) Benzidine                 | 12.704 | 184  | 810043   | 56.393 | ng    | 100      |
| 78) Pyrene                    | 12.815 | 202  | 2163168  | 46.107 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.439 | 149  | 940696   | 47.536 | ng    | 92       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 1632940  | 44.115 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.968 | 252  | 466693   | 49.238 | ng    | 97       |
| 83) Chrysene                  | 14.039 | 228  | 1680530  | 44.332 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 1122931  | 46.917 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.615 | 149  | 2040532  | 48.433 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.933 | 276  | 1450854  | 47.462 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 1597246  | 49.540 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 1453118  | 48.645 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.415 | 252  | 1426327  | 55.140 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.956 | 278  | 1270649  | 50.132 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.380 | 276  | 1257606  | 50.024 | ng    | 100      |

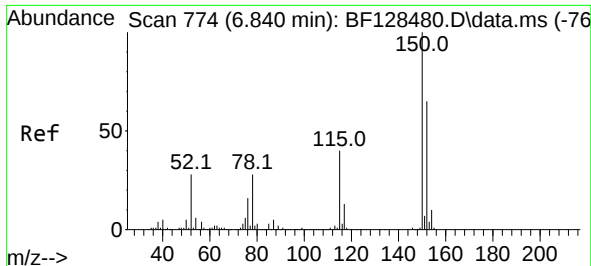
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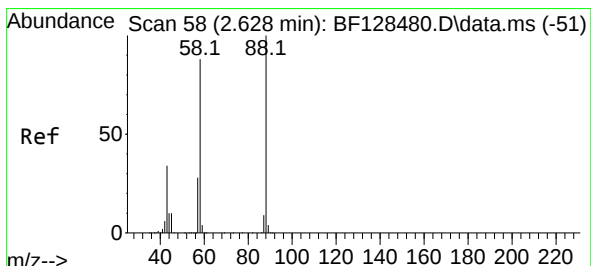
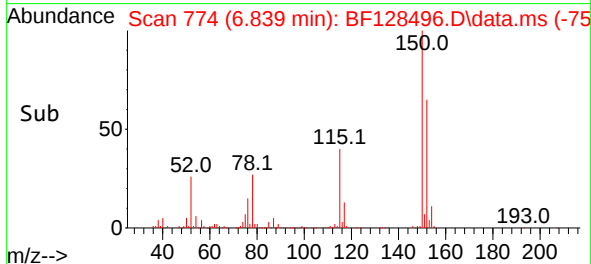
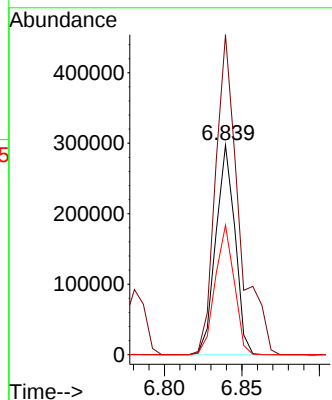
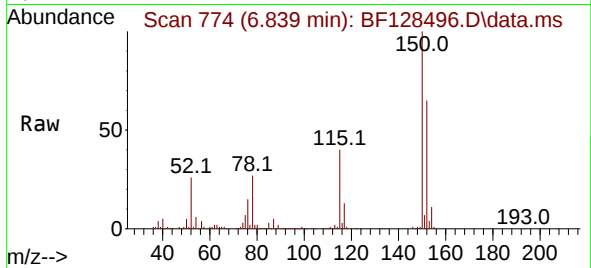




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.839 min Scan# 71  
 Delta R.T. -0.001 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

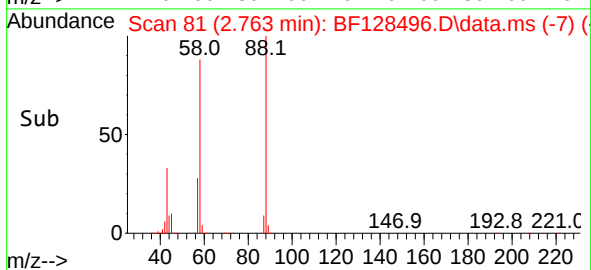
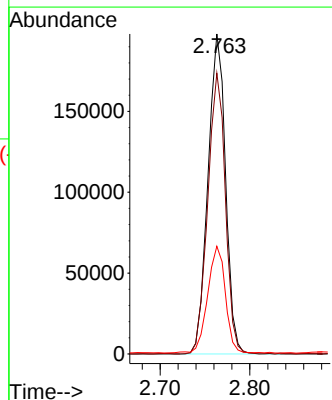
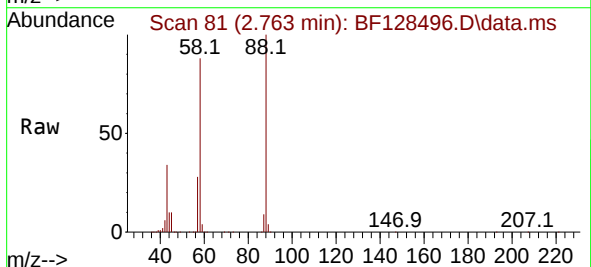
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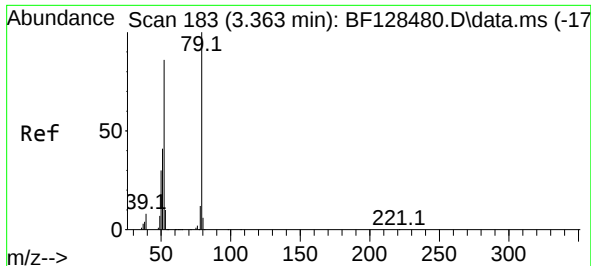
Tgt Ion:152 Resp: 256043  
 Ion Ratio Lower Upper  
 152 100  
 150 152.7 123.7 185.5  
 115 61.8 49.9 74.9



#2  
 1,4-Dioxane  
 Concen: 39.027 ng  
 RT: 2.763 min Scan# 81  
 Delta R.T. 0.135 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

Tgt Ion: 88 Resp: 268995  
 Ion Ratio Lower Upper  
 88 100  
 58 88.1 71.8 107.8  
 43 33.6 26.6 39.8

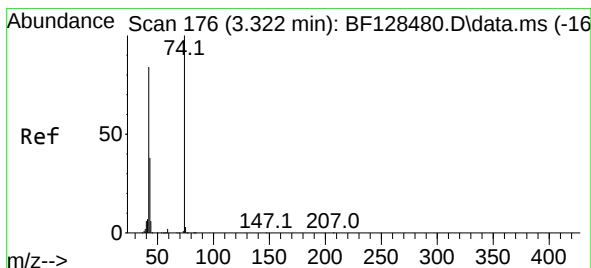
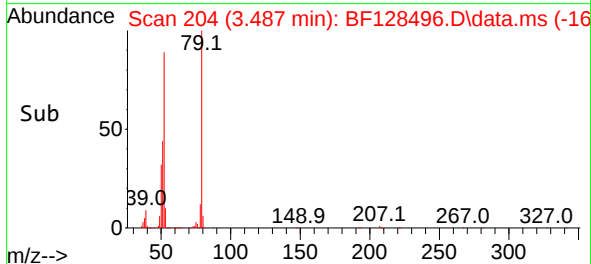
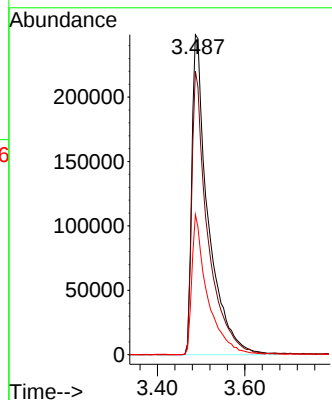
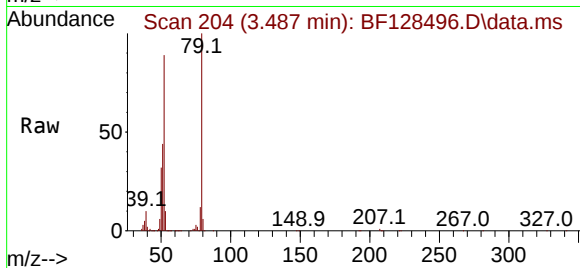




#3  
 Pyridine  
 Concen: 36.235 ng  
 RT: 3.487 min Scan# 204  
 Delta R.T. 0.123 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

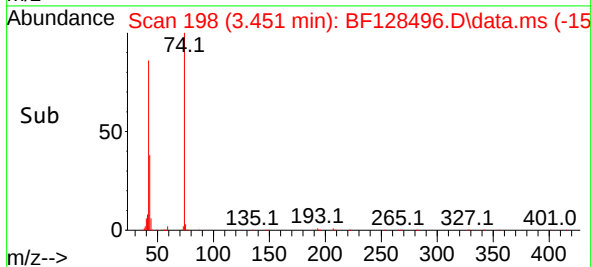
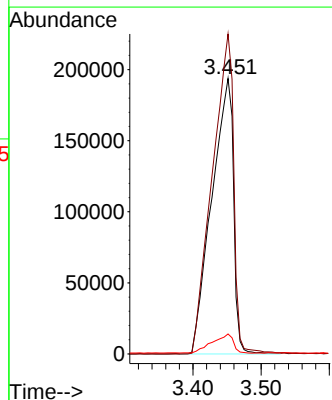
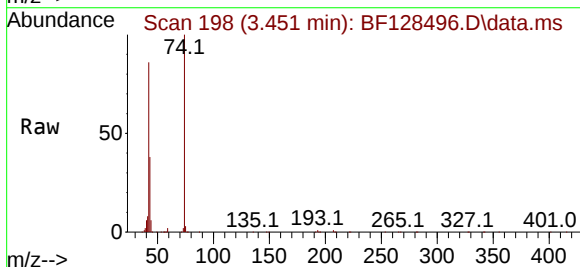
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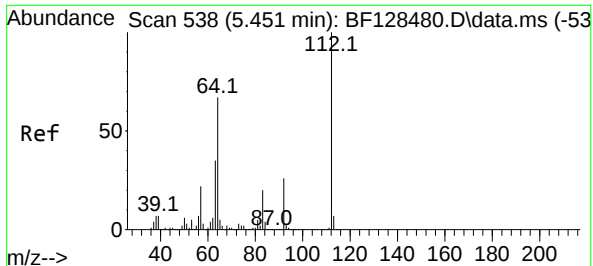
Tgt Ion: 79 Resp: 646618  
 Ion Ratio Lower Upper  
 79 100  
 52 88.7 68.6 102.8  
 51 43.8 32.9 49.3



#4  
 n-Nitrosodimethylamine  
 Concen: 45.876 ng  
 RT: 3.451 min Scan# 198  
 Delta R.T. 0.129 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

Tgt Ion: 42 Resp: 428990  
 Ion Ratio Lower Upper  
 42 100  
 74 116.1 94.8 142.2  
 44 7.3 6.6 10.0

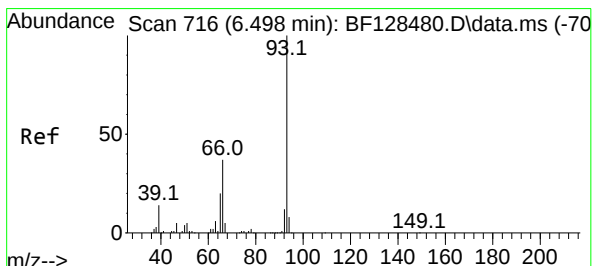
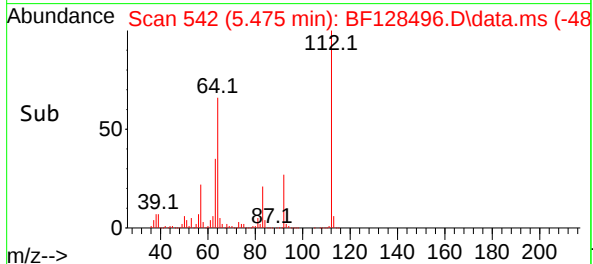
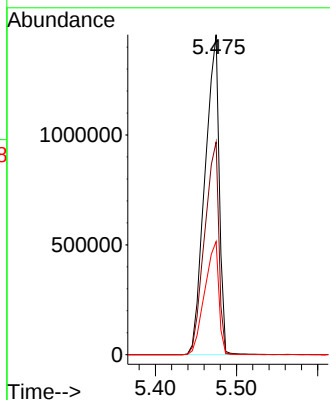
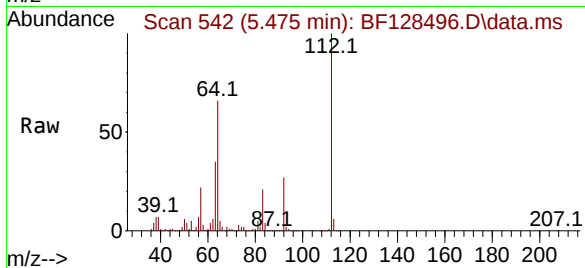




#5  
2-Fluorophenol  
Concen: 114.688 ng  
RT: 5.475 min Scan# 54  
Delta R.T. 0.023 min  
Lab File: BF128496.D  
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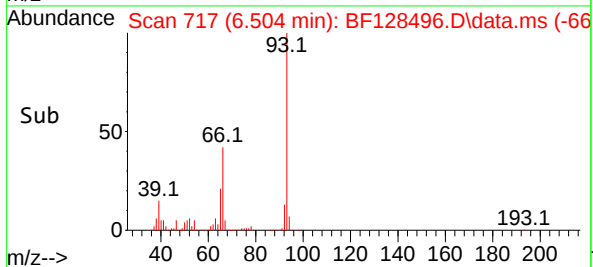
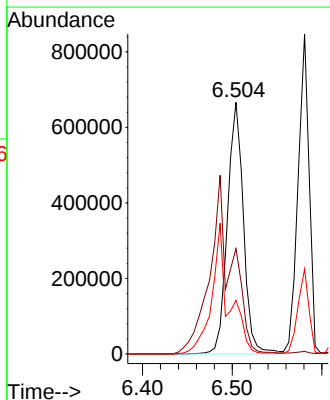
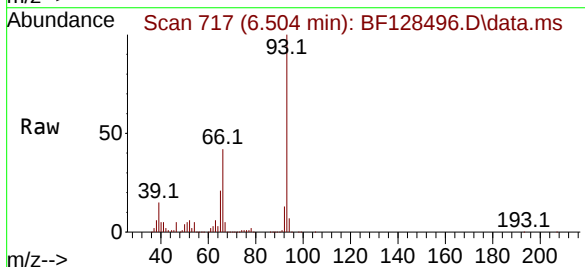
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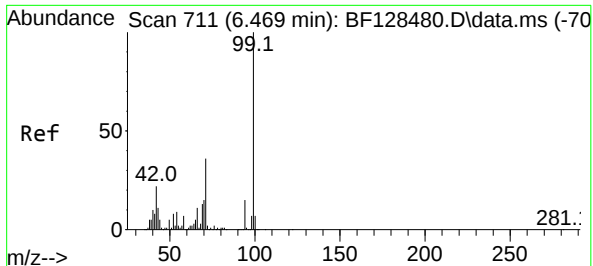
Tgt Ion:112 Resp: 1772823  
Ion Ratio Lower Upper  
112 100  
64 66.5 53.3 79.9  
63 35.4 28.0 42.0



#6  
Aniline  
Concen: 35.971 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
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Tgt Ion: 93 Resp: 827280  
Ion Ratio Lower Upper  
93 100  
66 41.8 32.5 48.7  
65 21.3 16.4 24.6

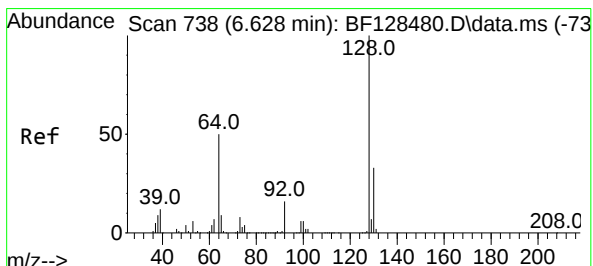
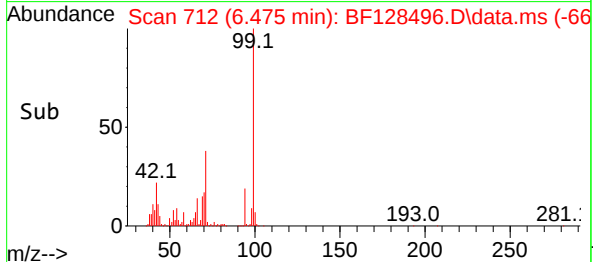
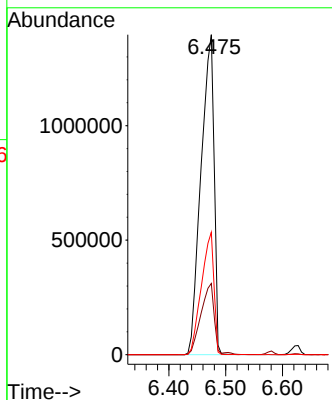
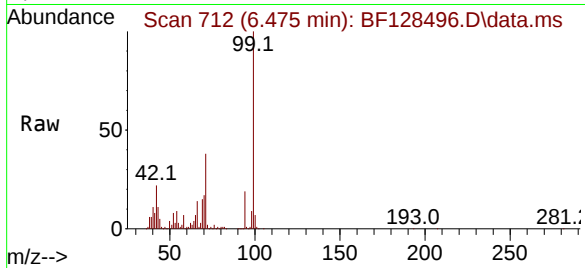




#7  
Phenol-d6  
Concen: 113.404 ng  
RT: 6.475 min Scan# 711  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

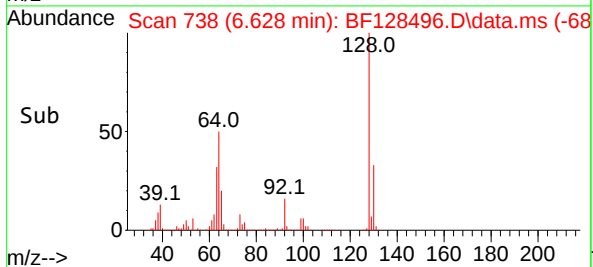
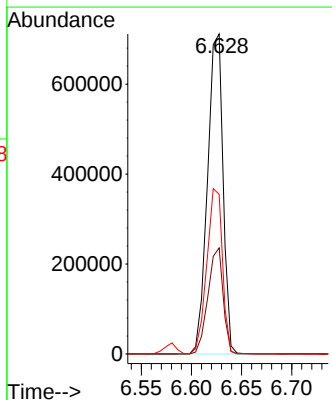
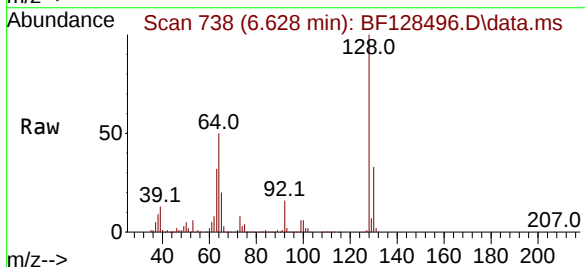
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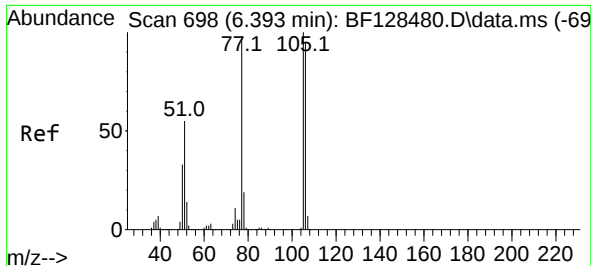
Tgt Ion: 99 Resp: 2235084  
Ion Ratio Lower Upper  
99 100  
42 22.2 17.3 25.9  
71 38.3 28.9 43.3



#8  
2-Chlorophenol  
Concen: 48.112 ng  
RT: 6.628 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

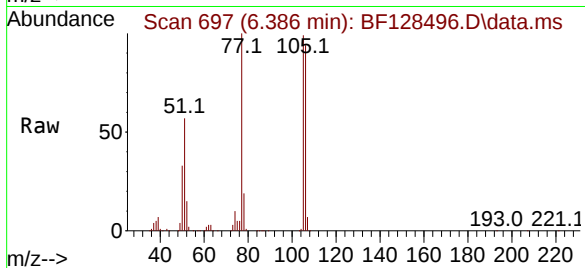
Tgt Ion:128 Resp: 771145  
Ion Ratio Lower Upper  
128 100  
130 33.2 13.1 53.1  
64 49.9 30.9 70.9



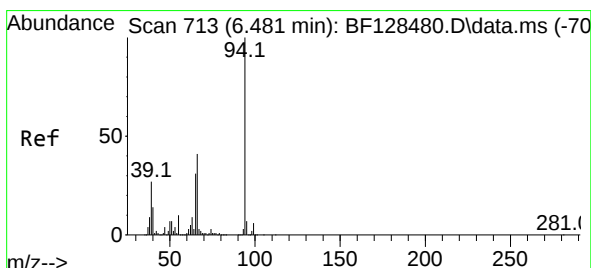
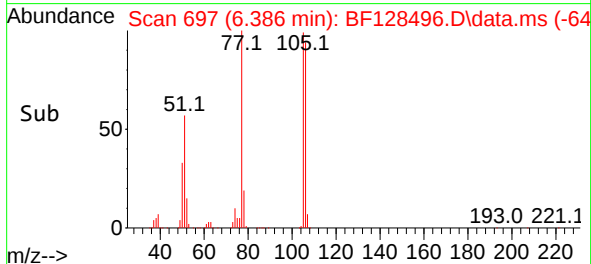
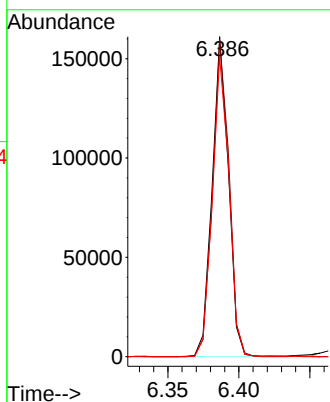


#9  
Benzaldehyde  
Concen: 6.412 ng  
RT: 6.386 min Scan# 698  
Delta R.T. -0.007 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

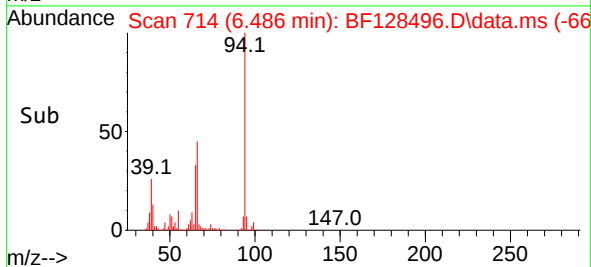
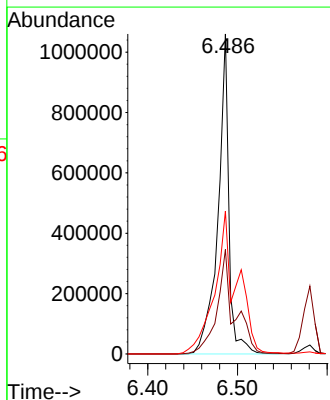
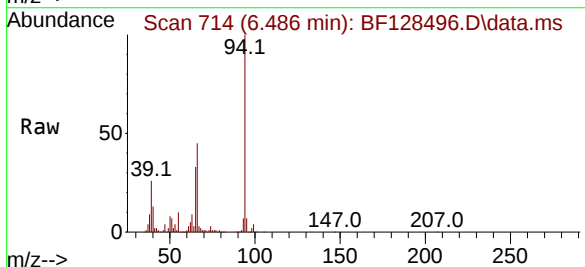


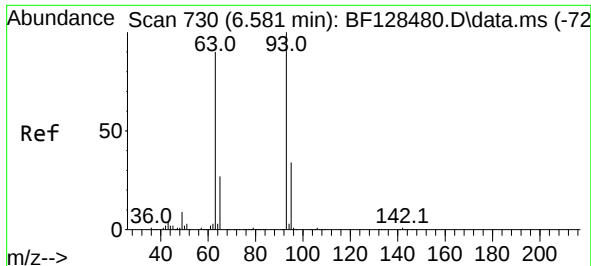
Tgt Ion: 77 Resp: 128524  
Ion Ratio Lower Upper  
77 100  
105 98.9 81.6 121.6  
106 93.8 76.1 116.1



#10  
Phenol  
Concen: 45.882 ng  
RT: 6.486 min Scan# 714  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion: 94 Resp: 896086  
Ion Ratio Lower Upper  
94 100  
65 32.7 11.4 51.4  
66 44.7 21.4 61.4

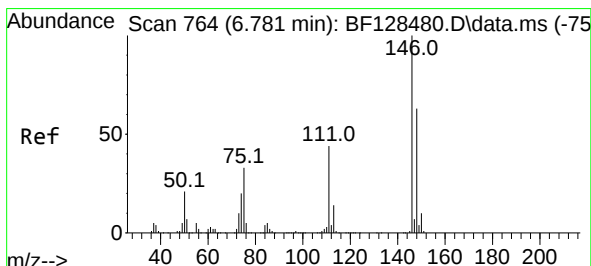
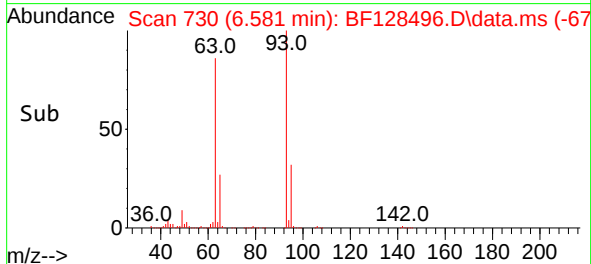
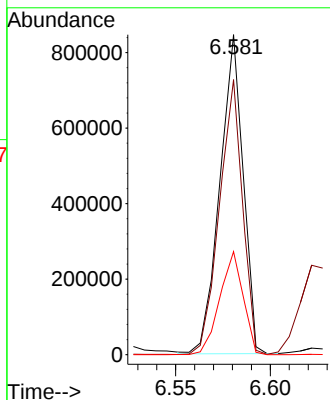
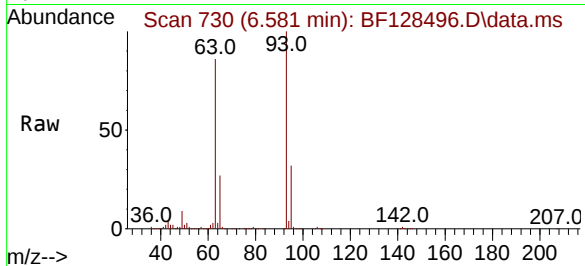




#11  
bis(2-Chloroethyl)ether  
Concen: 45.155 ng  
RT: 6.581 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

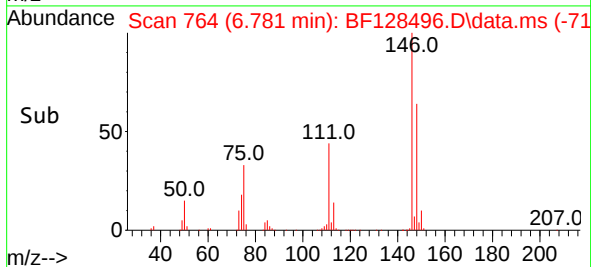
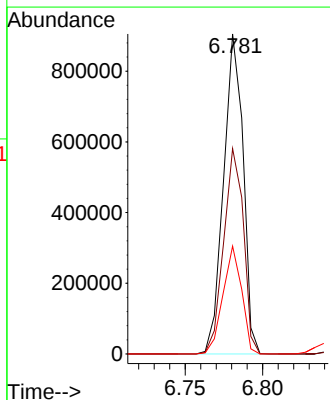
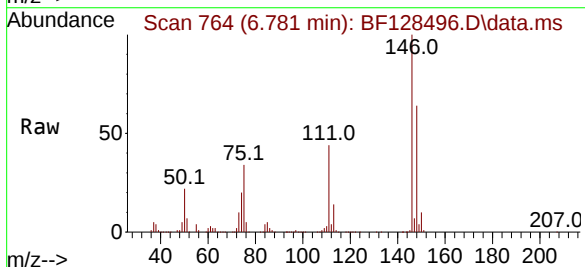
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

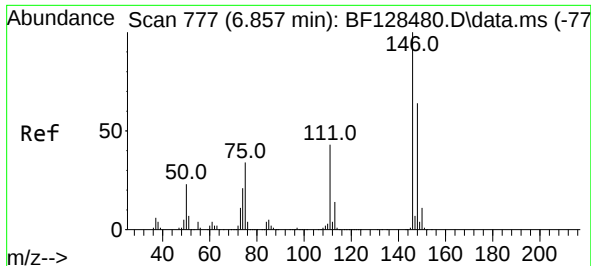
Tgt Ion: 93 Resp: 721926  
Ion Ratio Lower Upper  
93 100  
63 86.0 67.4 107.4  
95 32.2 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 43.649 ng  
RT: 6.781 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:146 Resp: 794879  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.6 75.8  
75 33.7 26.3 39.5

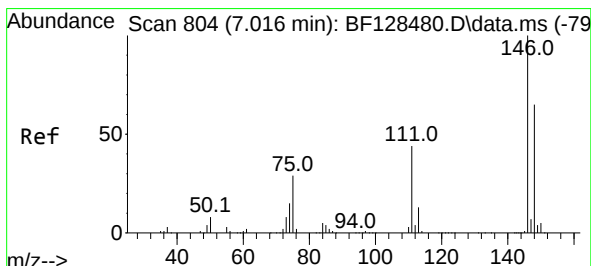
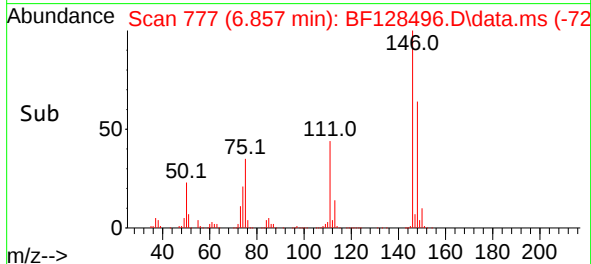
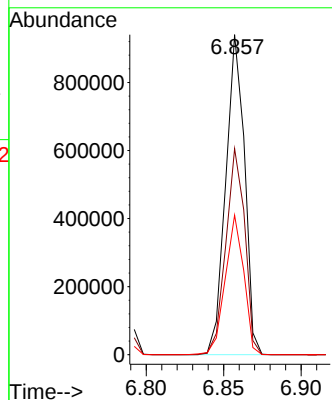
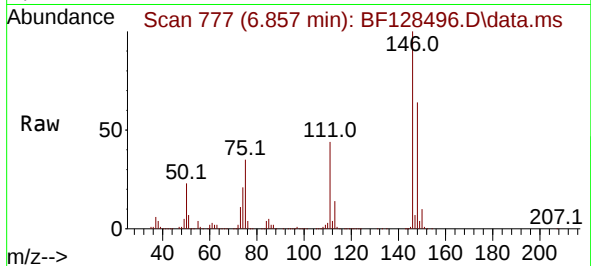




#13  
1,4-Dichlorobenzene  
Concen: 43.092 ng  
RT: 6.857 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

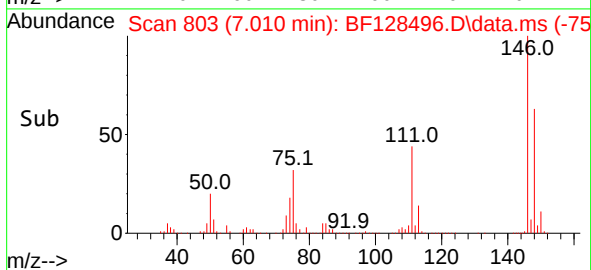
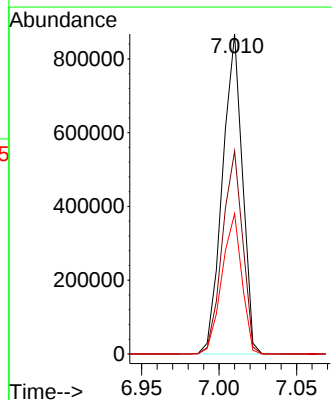
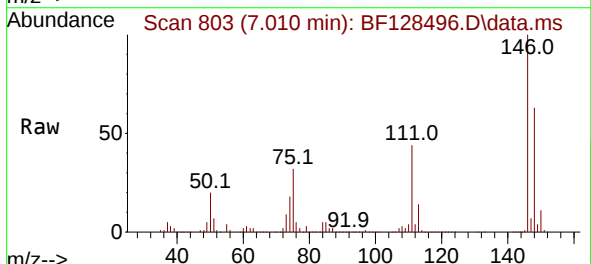
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

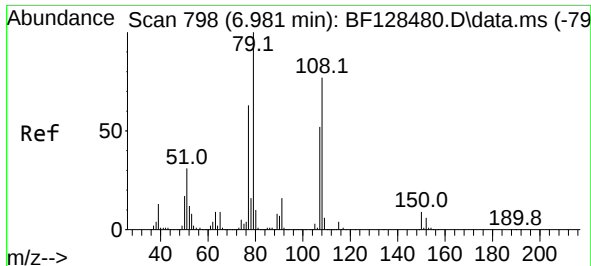
Tgt Ion:146 Resp: 793735  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.1 76.7  
111 43.6 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 45.775 ng  
RT: 7.010 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:146 Resp: 776028  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.8 77.8  
111 43.9 35.1 52.7





#15

Benzyl Alcohol

Concen: 36.956 ng

RT: 6.986 min Scan# 798

Delta R.T. 0.006 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Instrument :

BNA\_F

ClientSampleId :

PB145123BS

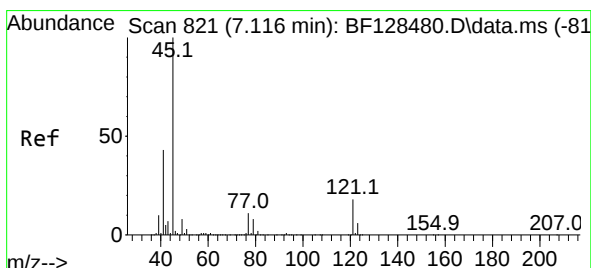
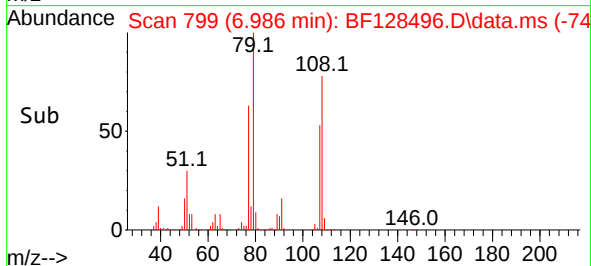
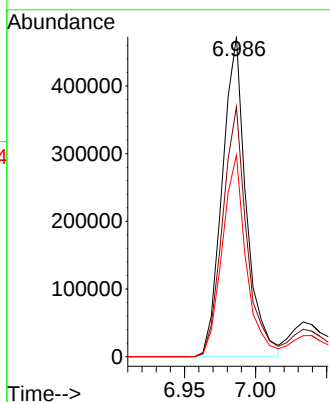
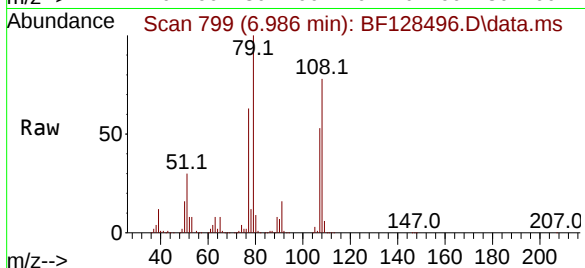
Tgt Ion: 79 Resp: 555524

Ion Ratio Lower Upper

79 100

108 78.1 61.8 92.6

77 63.0 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.498 ng

RT: 7.116 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

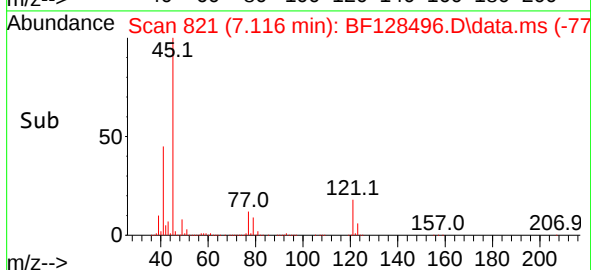
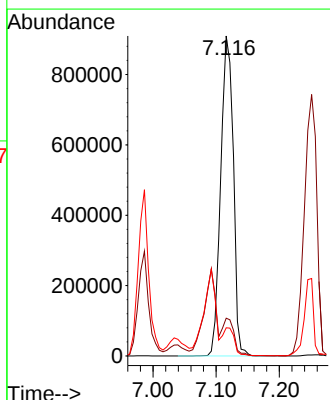
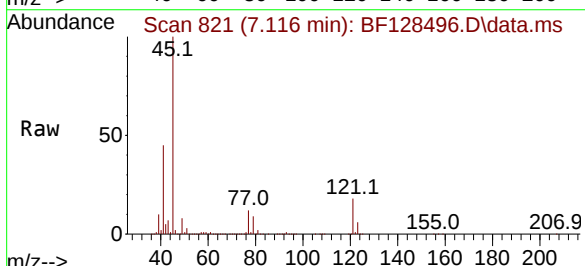
Tgt Ion: 45 Resp: 1259069

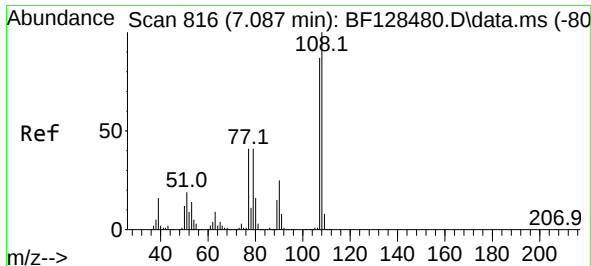
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.3

79 8.8 0.0 28.3

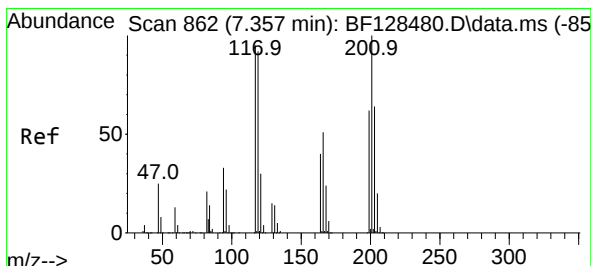
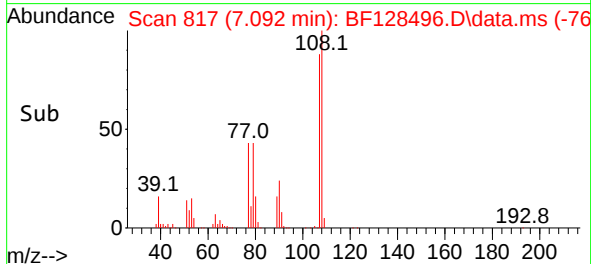
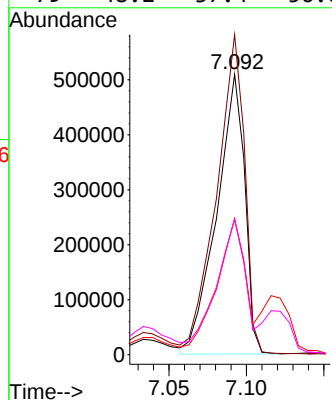
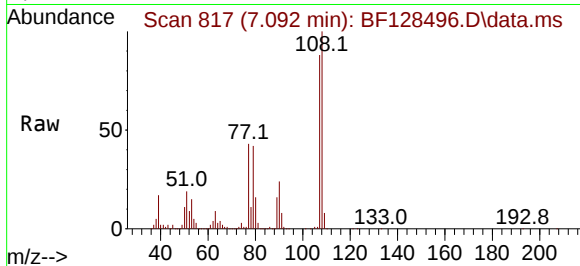




#17  
2-Methylphenol  
Concen: 46.754 ng  
RT: 7.092 min Scan# 816  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

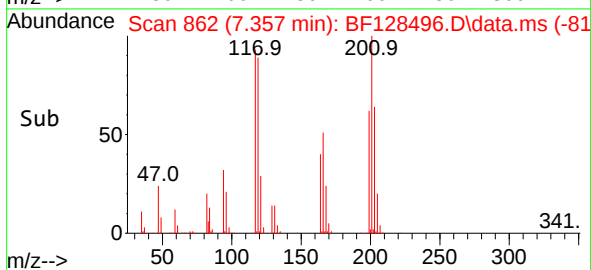
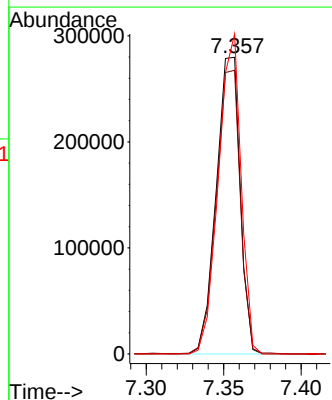
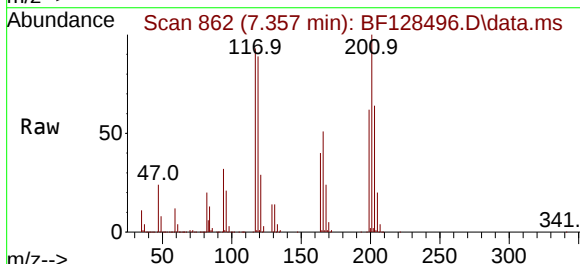
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

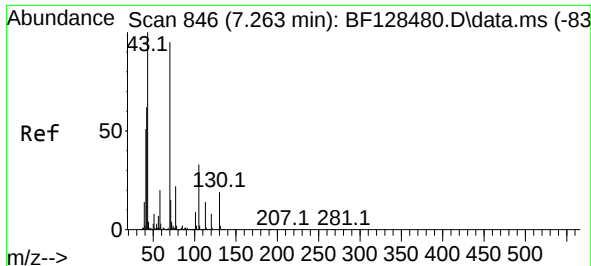
Tgt Ion:107 Resp: 637809  
Ion Ratio Lower Upper  
107 100  
108 114.1 91.9 137.9  
77 48.6 37.8 56.8  
79 48.2 37.4 56.0



#18  
Hexachloroethane  
Concen: 46.290 ng  
RT: 7.357 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:117 Resp: 300761  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.4 116.2  
201 107.8 84.6 127.0



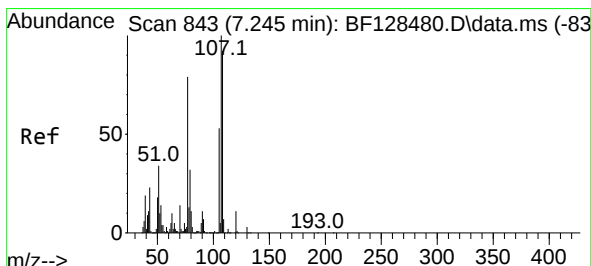
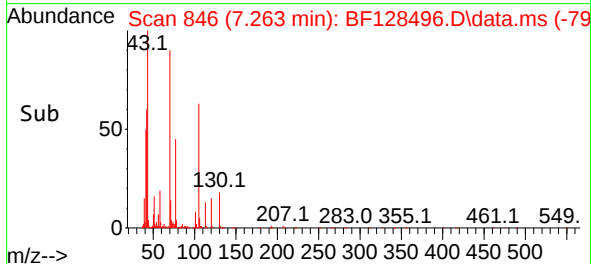
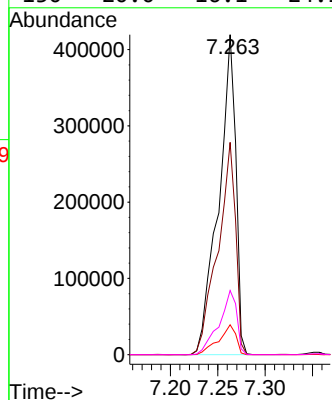
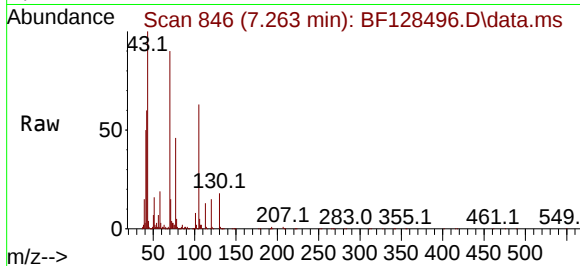


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.895 ng  
RT: 7.263 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

Tgt Ion: 70 Resp: 530447

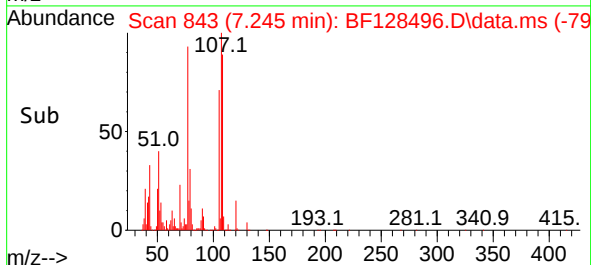
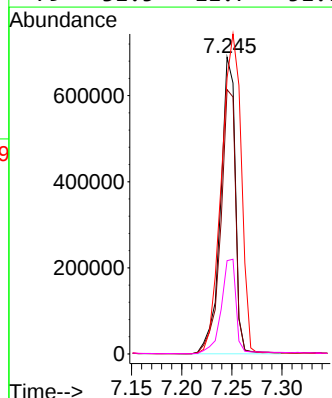
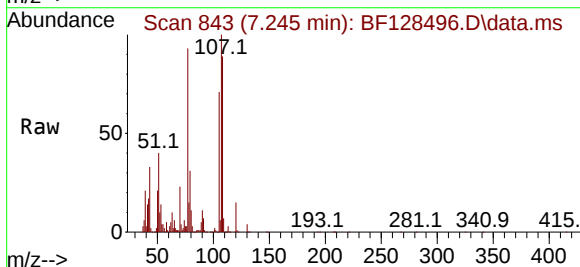
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 66.4  | 52.3  | 78.5  |
| 101 | 9.3   | 7.5   | 11.3  |
| 130 | 20.0  | 16.1  | 24.1  |

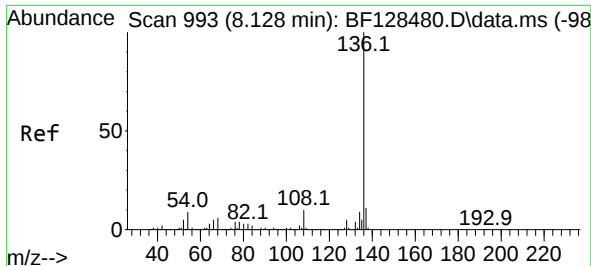


#20  
3+4-Methylphenols  
Concen: 42.912 ng  
RT: 7.245 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion: 107 Resp: 707208

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.1  | 71.8  | 111.8 |
| 77  | 93.0  | 59.3  | 99.3  |
| 79  | 31.5  | 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: BF128496.D

Acq: 27 May 2022 02:51

Instrument :

BNA\_F

ClientSampleId :

PB145123BS

Tgt Ion:136 Resp: 978090

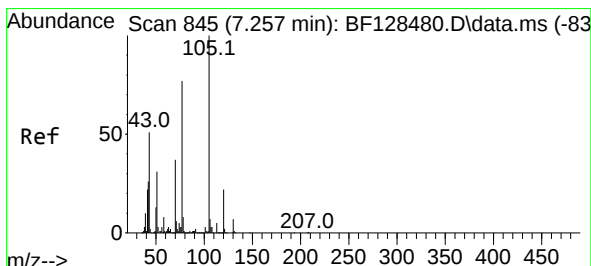
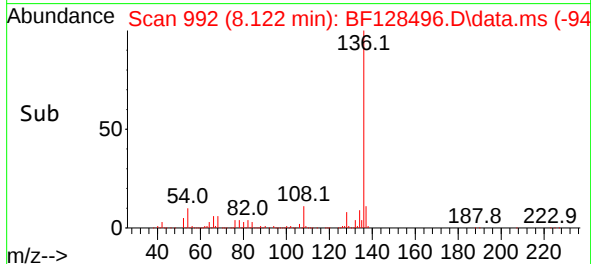
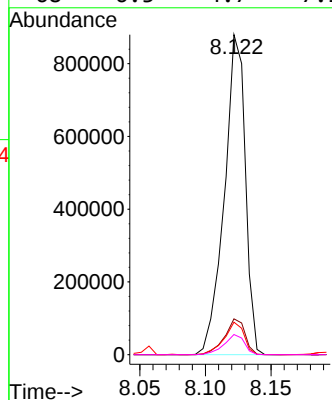
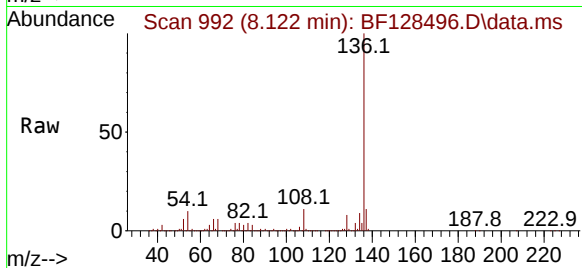
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.1 7.5 11.3

68 6.3 4.7 7.1



#22

Acetophenone

Concen: 43.588 ng

RT: 7.257 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Tgt Ion:105 Resp: 983045

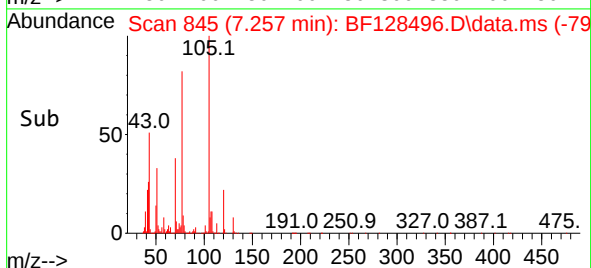
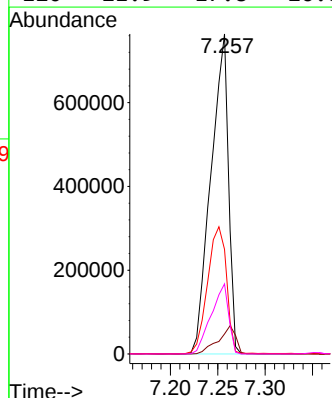
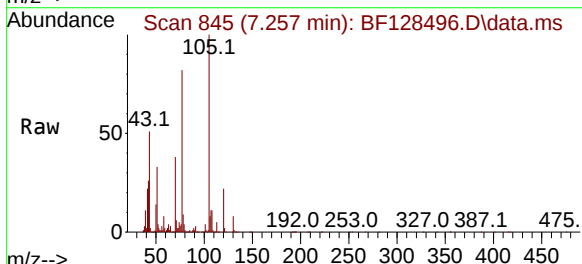
Ion Ratio Lower Upper

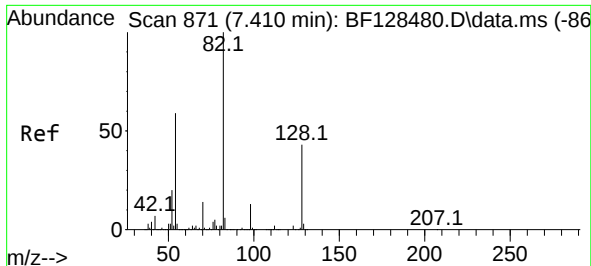
105 100

71 6.2 5.0 7.4

51 32.7 25.0 37.4

120 21.9 17.8 26.8





#23

Nitrobenzene-d5

Concen: 89.101 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Instrument :

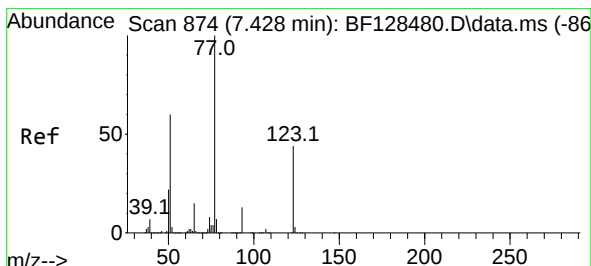
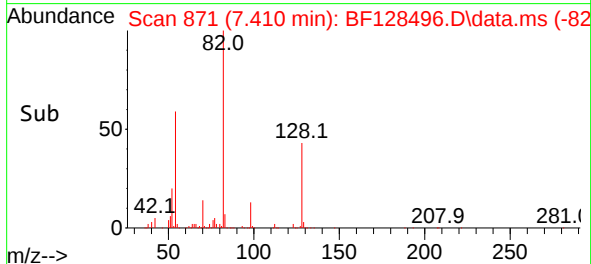
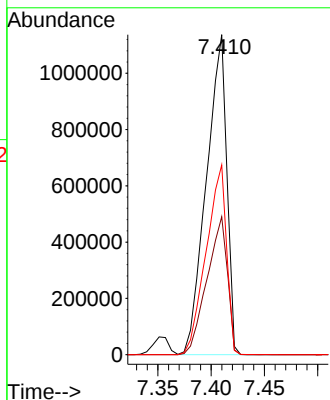
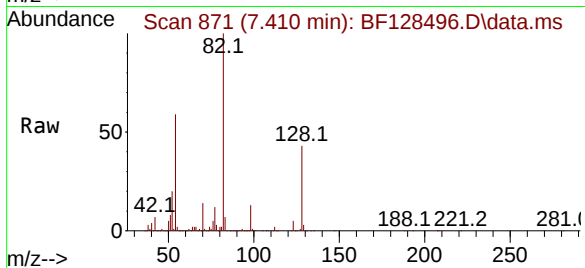
BNA\_F

ClientSampleId :

PB145123BS

Tgt Ion: 82 Resp: 1510686

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.1  | 34.0  | 51.0  |
| 54  | 59.3  | 46.9  | 70.3  |



#24

Nitrobenzene

Concen: 47.371 ng

RT: 7.428 min Scan# 874

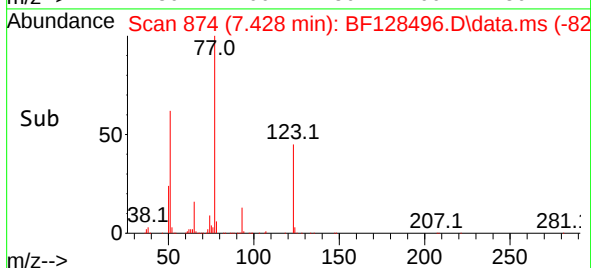
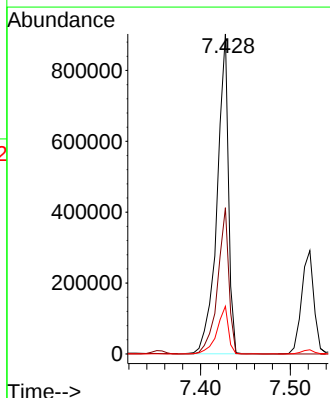
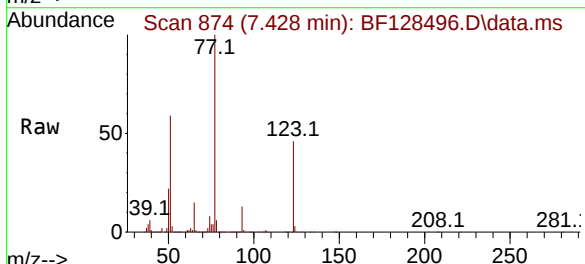
Delta R.T. -0.000 min

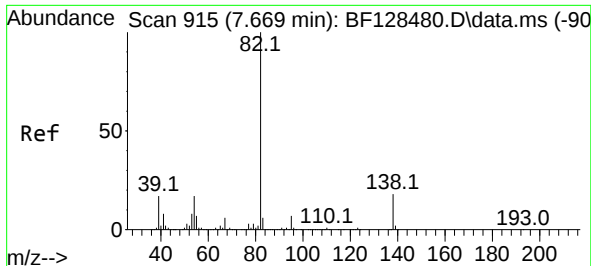
Lab File: BF128496.D

Acq: 27 May 2022 02:51

Tgt Ion: 77 Resp: 794027

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.7  | 35.4  | 53.2  |
| 65  | 14.9  | 11.8  | 17.8  |

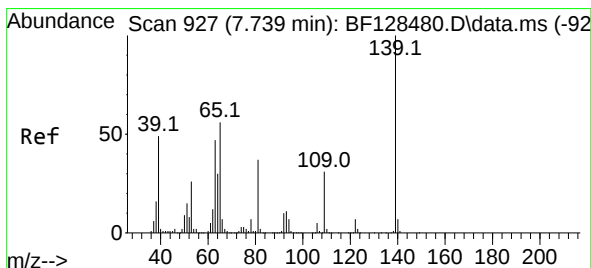
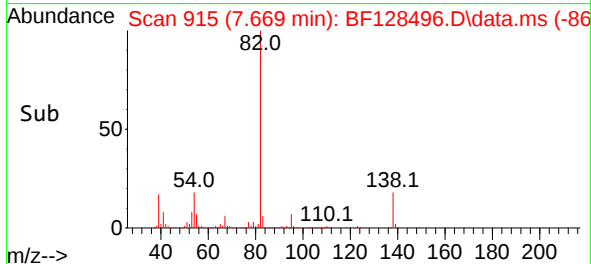
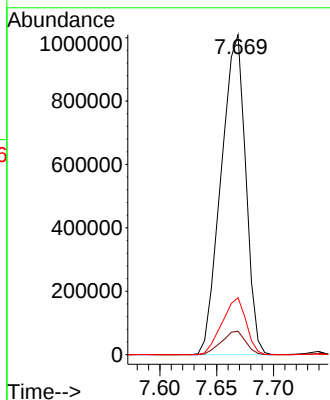
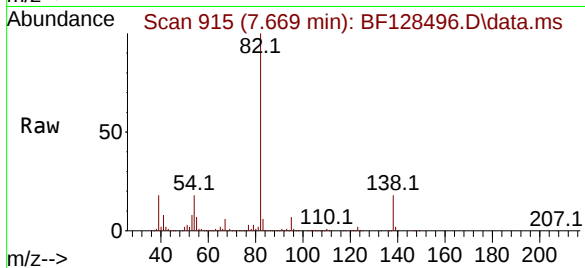




#25  
Isophorone  
Concen: 48.541 ng  
RT: 7.669 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

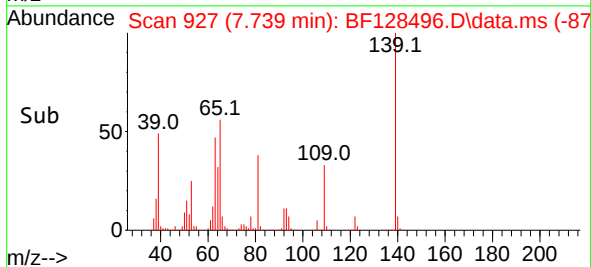
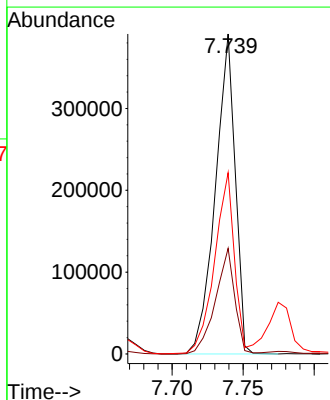
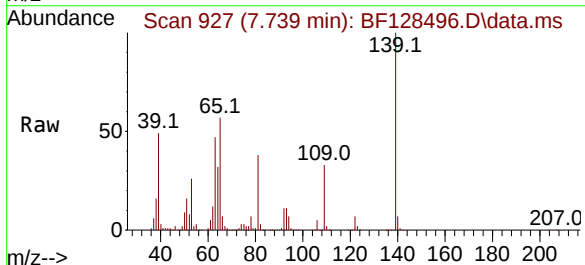
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

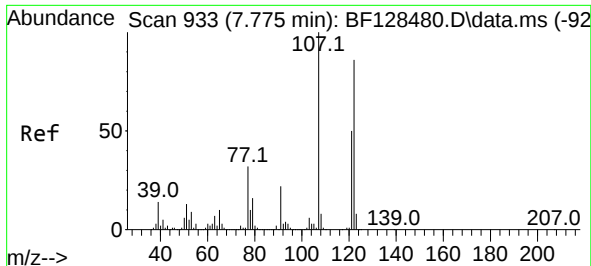
Tgt Ion: 82 Resp: 1518234  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.7 8.5  
138 17.8 14.2 21.2



#26  
2-Nitrophenol  
Concen: 54.207 ng  
RT: 7.739 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:139 Resp: 379753  
Ion Ratio Lower Upper  
139 100  
109 33.0 25.0 37.4  
65 56.6 45.1 67.7

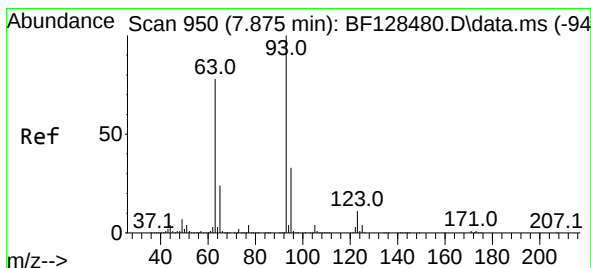
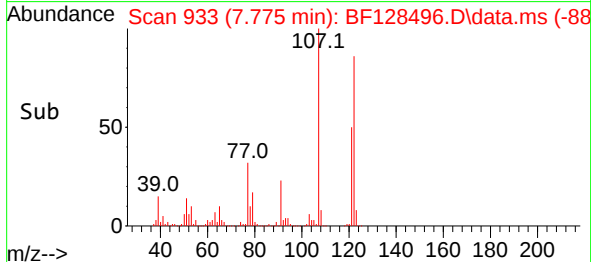
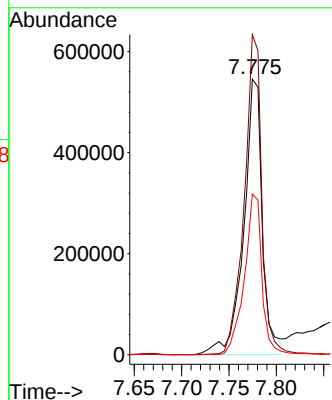
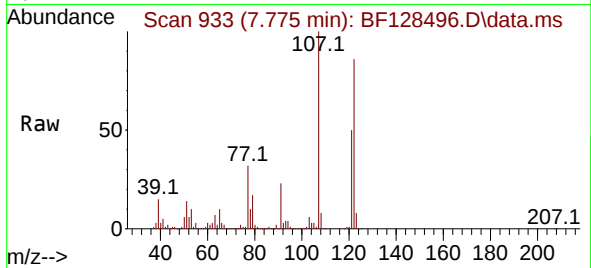




#27  
2,4-Dimethylphenol  
Concen: 53.201 ng  
RT: 7.775 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

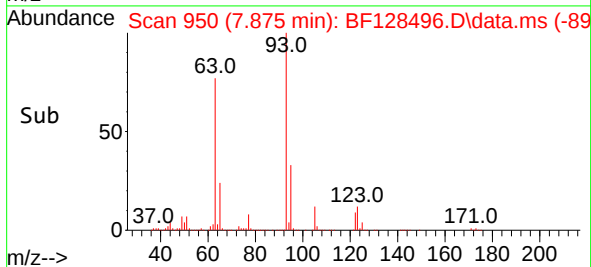
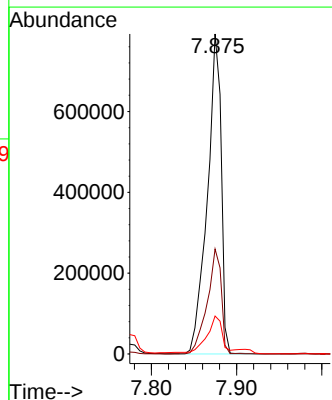
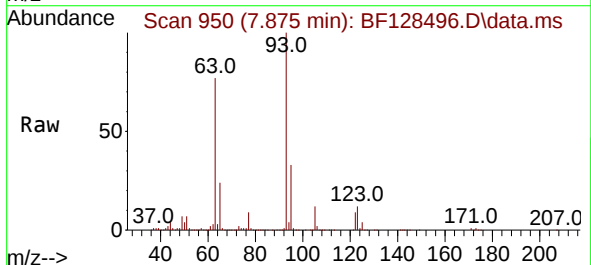
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

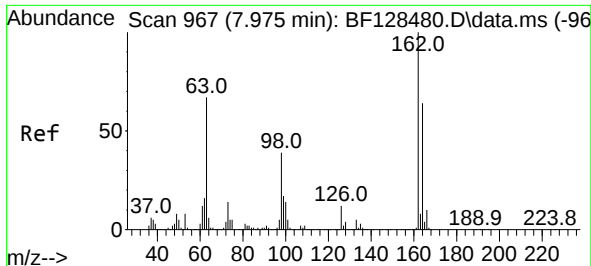
Tgt Ion:122 Resp: 740824  
Ion Ratio Lower Upper  
122 100  
107 116.1 93.0 139.6  
121 58.3 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.142 ng  
RT: 7.875 min Scan# 950  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion: 93 Resp: 896022  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.8 40.2  
123 11.8 9.2 13.8

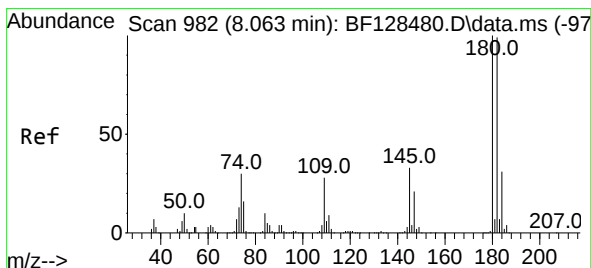
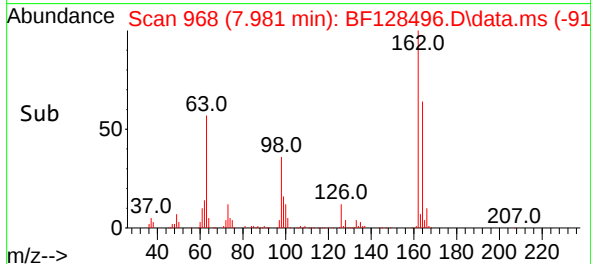
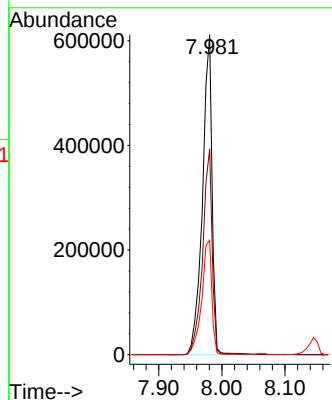
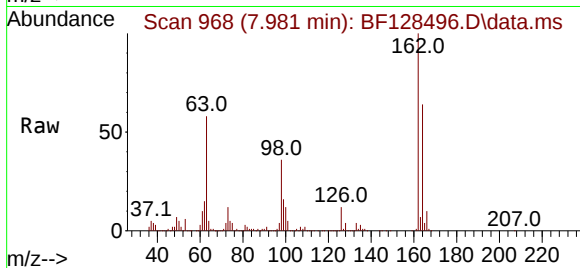




#29  
2,4-Dichlorophenol  
Concen: 45.046 ng  
RT: 7.981 min Scan# 967  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

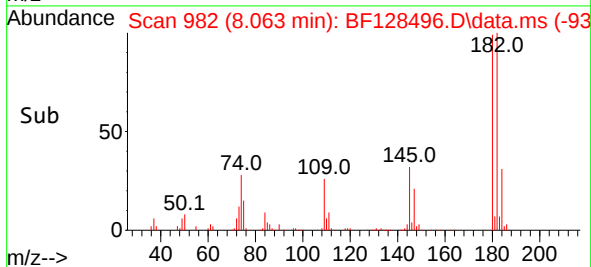
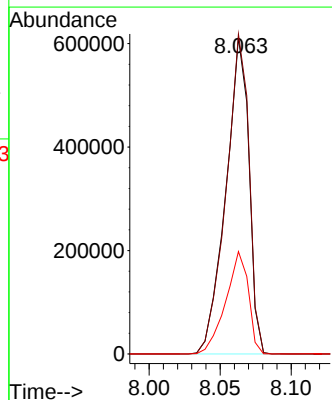
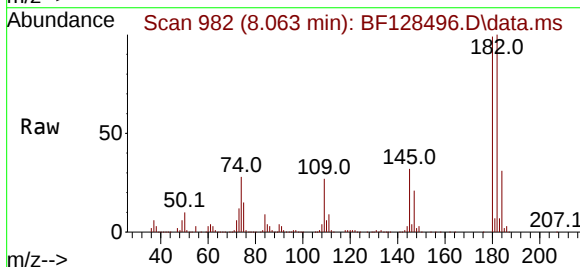
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

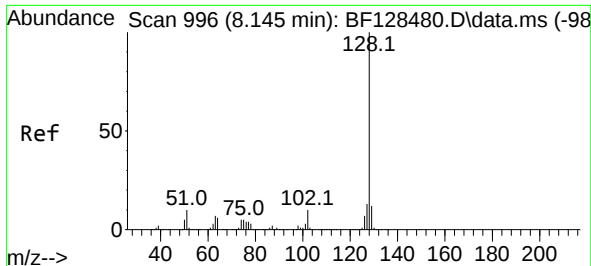
Tgt Ion:162 Resp: 649162  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.2 84.2  
98 35.8 19.6 59.6



#30  
1,2,4-Trichlorobenzene  
Concen: 44.267 ng  
RT: 8.063 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:180 Resp: 690990  
Ion Ratio Lower Upper  
180 100  
182 101.2 79.2 118.8  
145 32.4 26.2 39.2

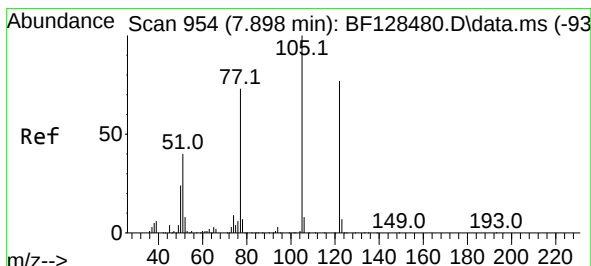
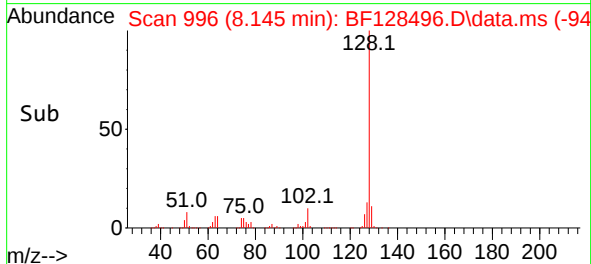
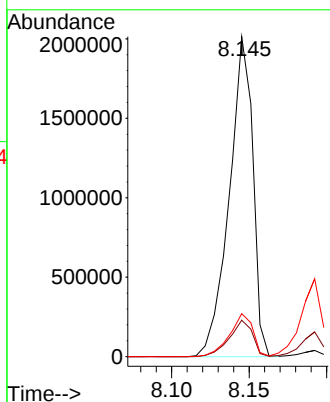
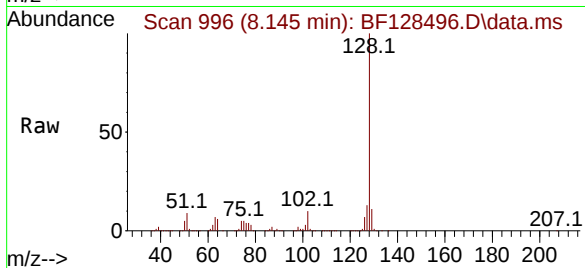




#31  
Naphthalene  
Concen: 44.408 ng  
RT: 8.145 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

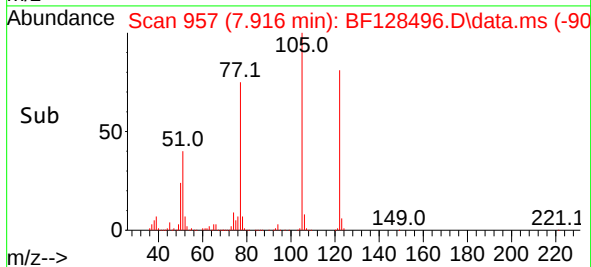
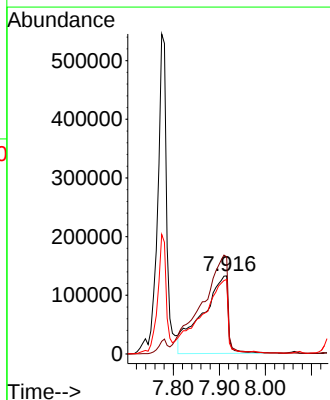
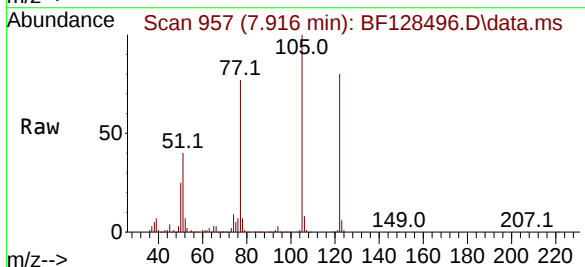
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

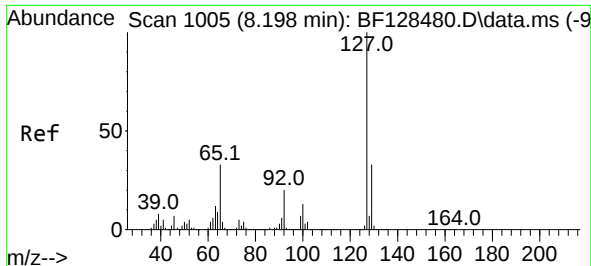
Tgt Ion:128 Resp: 2125874  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.5 10.5 15.7



#32  
Benzoic acid  
Concen: 52.604 ng  
RT: 7.916 min Scan# 957  
Delta R.T. 0.017 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:122 Resp: 517809  
Ion Ratio Lower Upper  
122 100  
105 124.3 107.1 147.1  
77 95.2 74.2 114.2

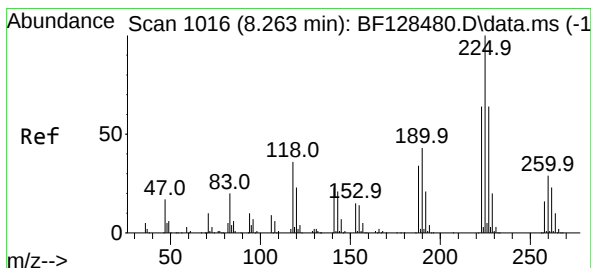
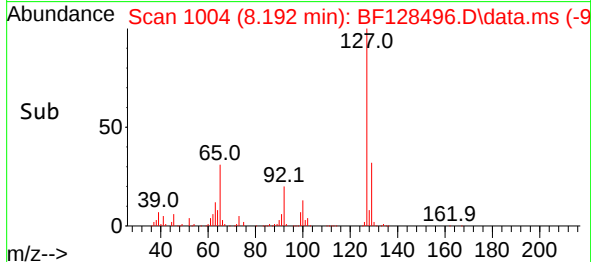
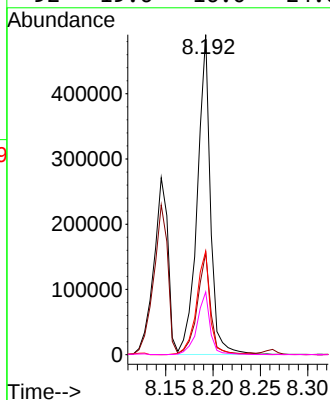
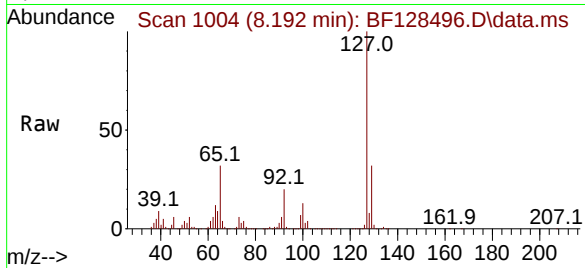




#33  
4-Chloroaniline  
Concen: 24.816 ng  
RT: 8.192 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

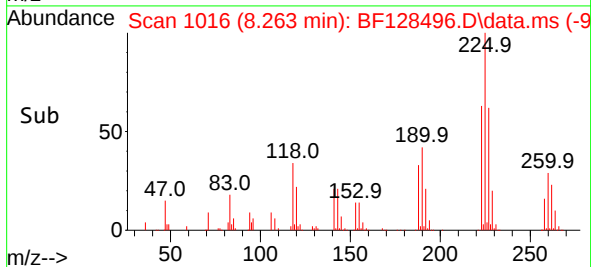
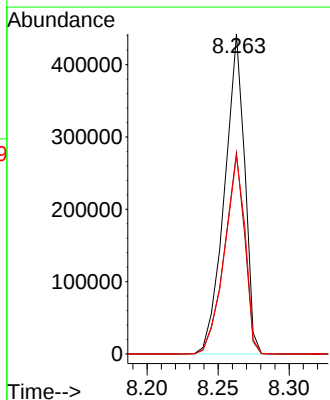
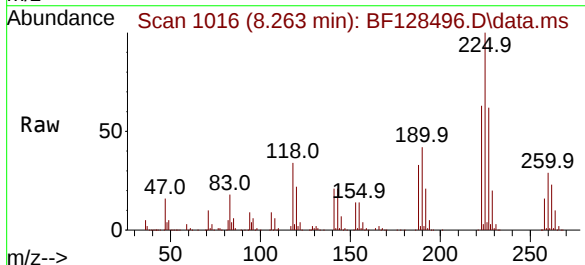
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

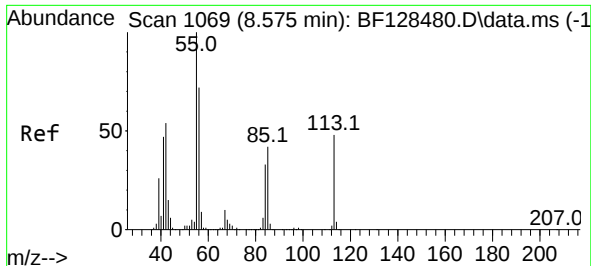
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 473020 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 31.9    | 26.4 39.6    |
| 65 32.3     | 26.4 39.6    |
| 92 19.6     | 16.0 24.0    |



#34  
Hexachlorobutadiene  
Concen: 44.160 ng  
RT: 8.263 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 435236 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 62.8    | 51.0  | 76.6   |
| 227 | 61.9    | 51.1  | 76.7   |

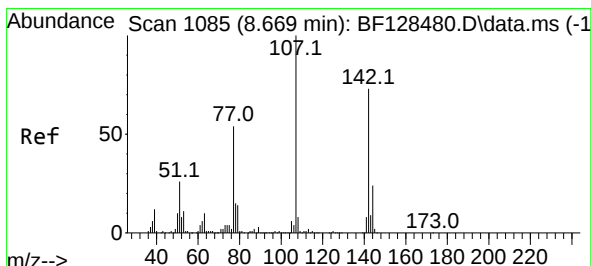
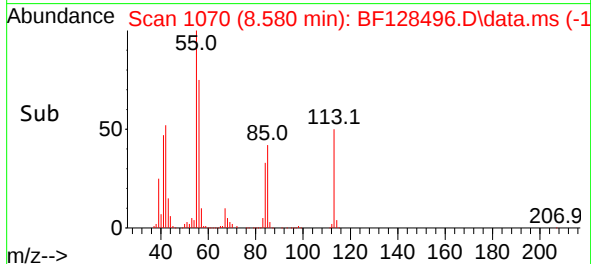
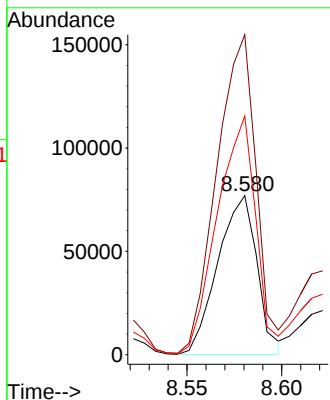
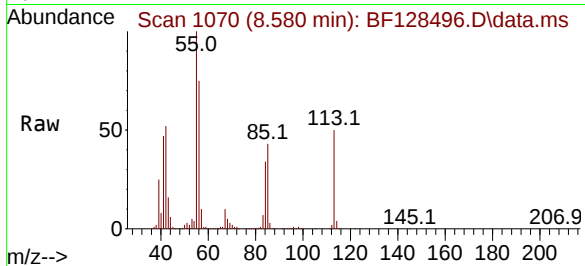




#35  
Caprolactam  
Concen: 24.846 ng  
RT: 8.580 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

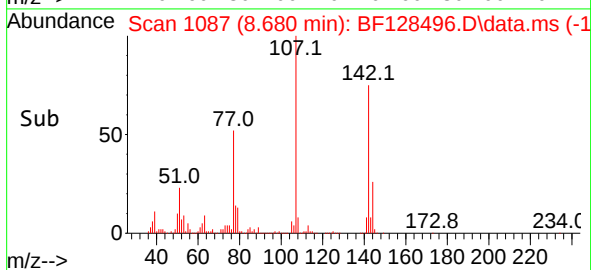
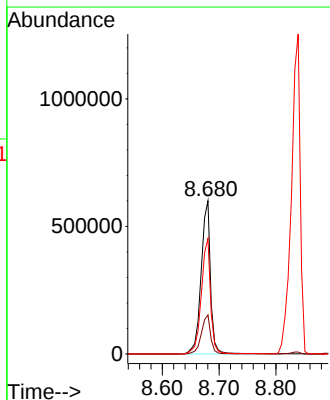
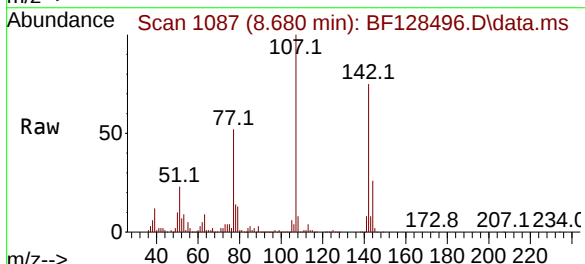
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

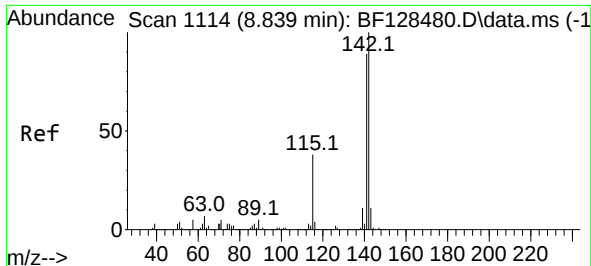
Tgt Ion:113 Resp: 110411  
Ion Ratio Lower Upper  
113 100  
55 201.2 188.5 228.5  
56 150.1 130.6 170.6



#36  
4-Chloro-3-methylphenol  
Concen: 46.573 ng  
RT: 8.680 min Scan# 1087  
Delta R.T. 0.012 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:107 Resp: 689487  
Ion Ratio Lower Upper  
107 100  
144 25.5 19.5 29.3  
142 75.3 58.2 87.4





#37

2-Methylnaphthalene

Concen: 44.516 ng

RT: 8.839 min Scan# 1114

Delta R.T. -0.000 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Instrument :

BNA\_F

ClientSampleId :

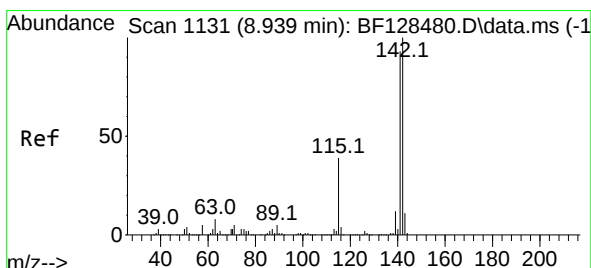
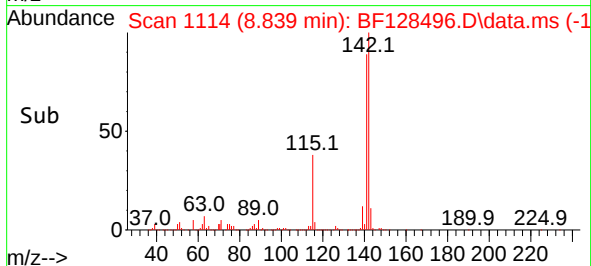
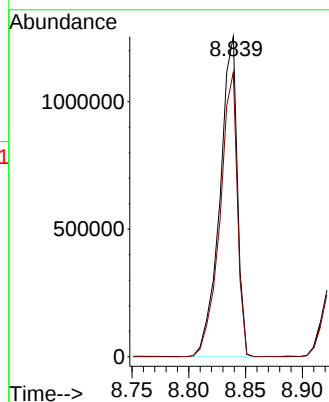
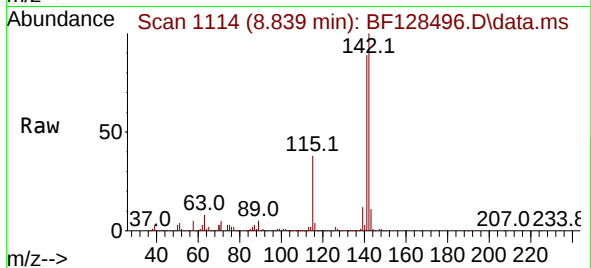
PB145123BS

Tgt Ion:142 Resp: 1345132

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 43.768 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF128496.D

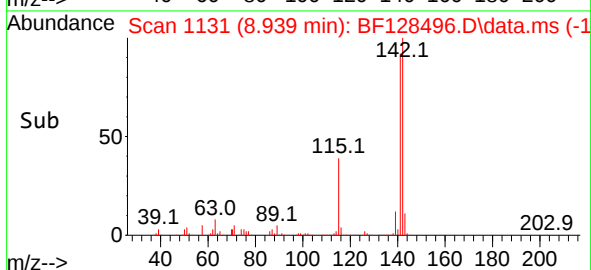
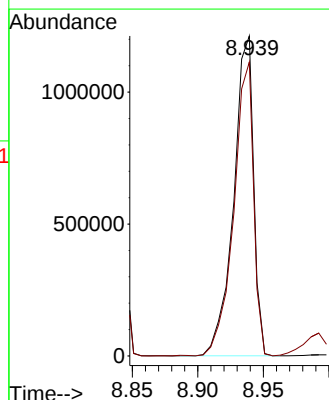
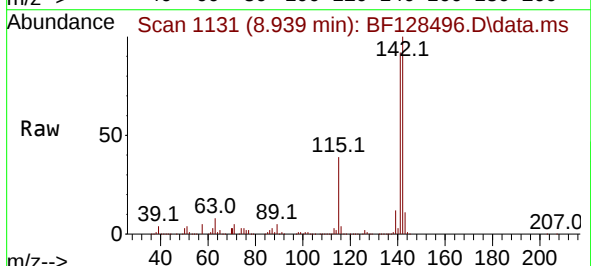
Acq: 27 May 2022 02:51

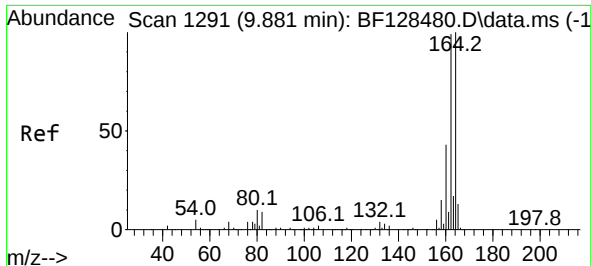
Tgt Ion:142 Resp: 1286263

Ion Ratio Lower Upper

142 100

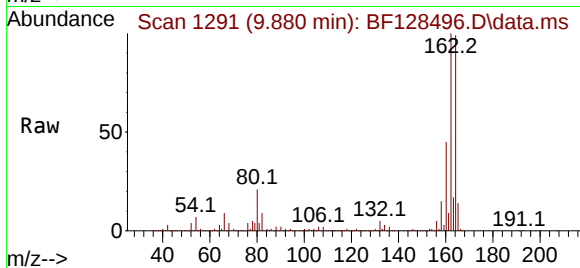
141 91.9 74.2 111.4



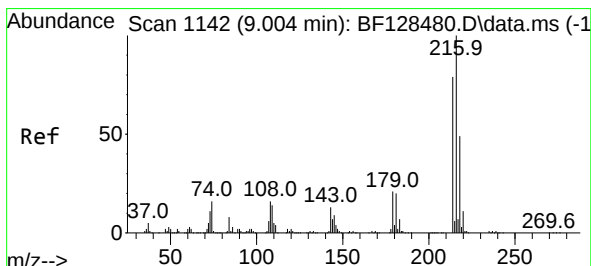
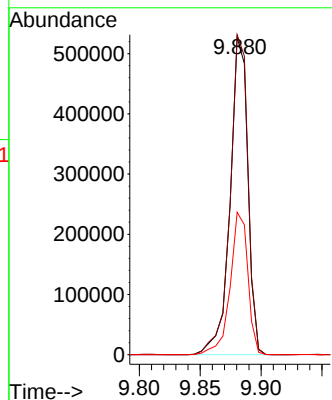
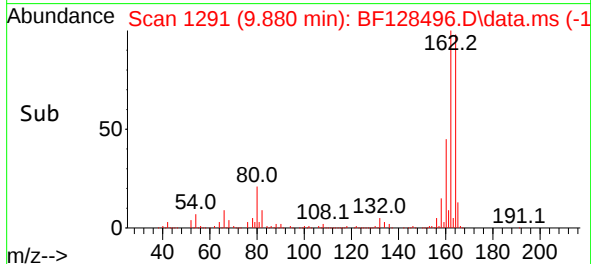


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.880 min Scan# 1129  
Delta R.T. -0.001 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

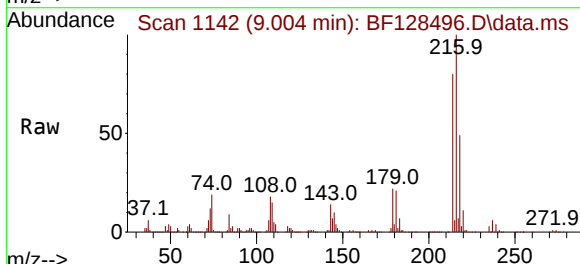
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS



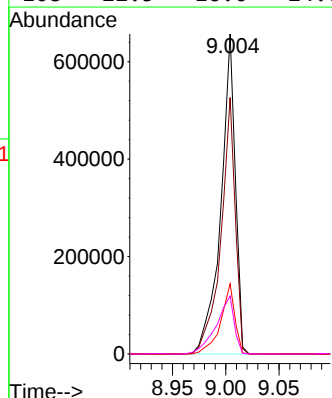
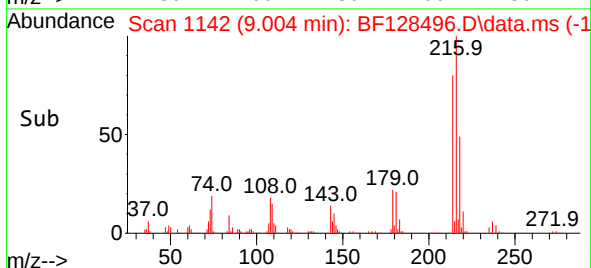
Tgt Ion:164 Resp: 536711  
Ion Ratio Lower Upper  
164 100  
162 100.8 79.5 119.3  
160 44.9 34.2 51.4

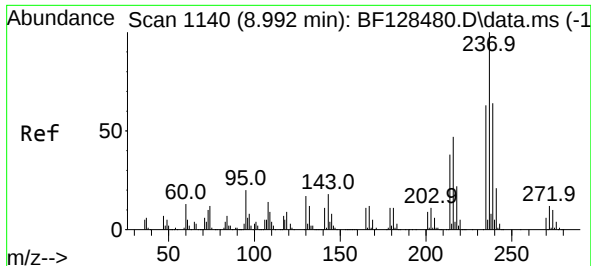


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.080 ng  
RT: 9.004 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51



Tgt Ion:216 Resp: 620186  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.6 95.4  
179 21.4 17.0 25.6  
108 22.5 16.0 24.0

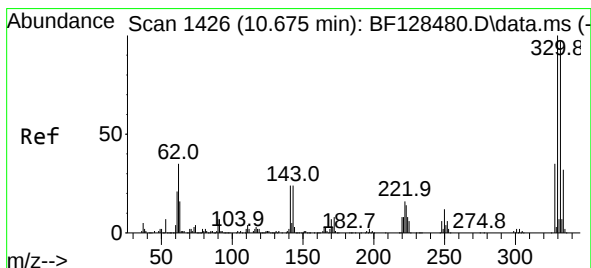
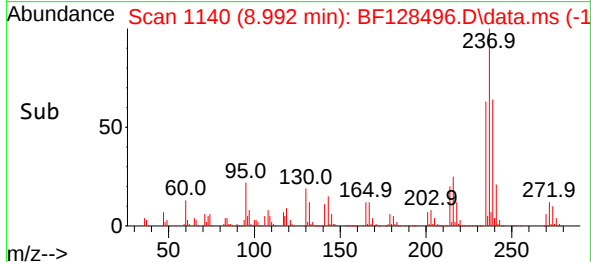
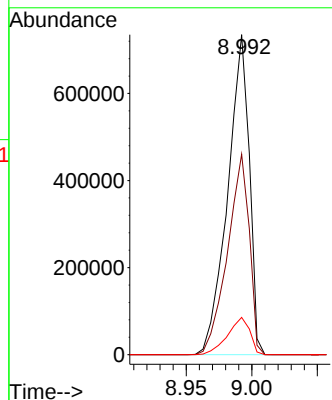
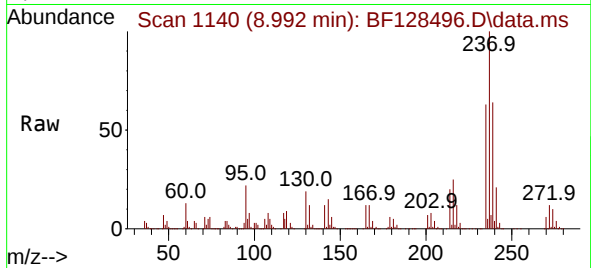




#41  
Hexachlorocyclopentadiene  
Concen: 101.472 ng  
RT: 8.992 min Scan# 1140  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

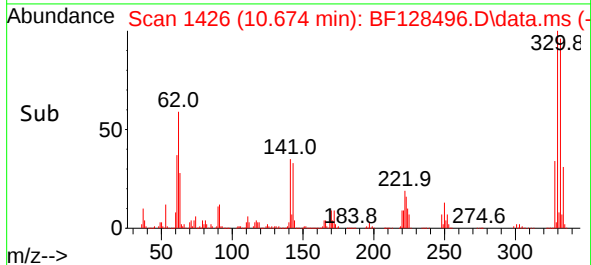
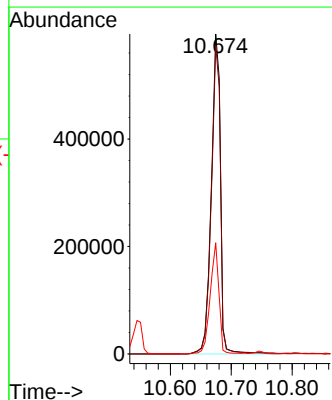
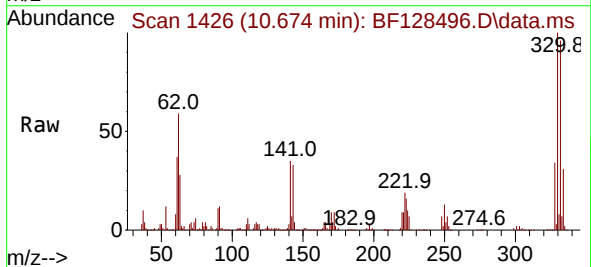
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

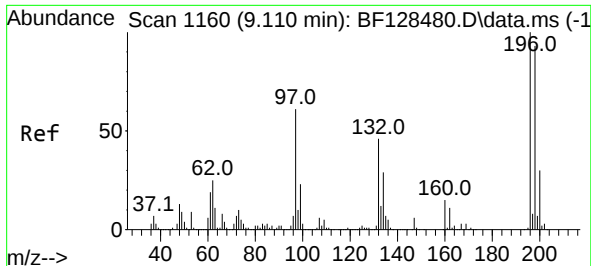
Tgt Ion:237 Resp: 840668  
Ion Ratio Lower Upper  
237 100  
235 62.6 43.2 83.2  
272 11.7 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 122.515 ng  
RT: 10.674 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:330 Resp: 625879  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.8 115.2  
141 33.4 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 43.261 ng

RT: 9.116 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Instrument :

BNA\_F

ClientSampleId :

PB145123BS

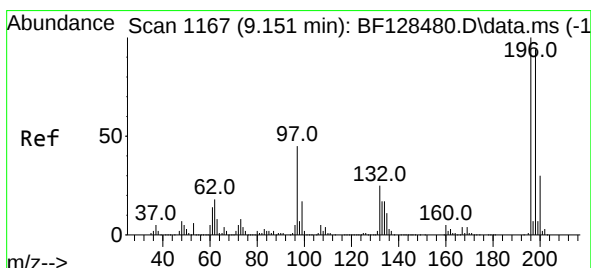
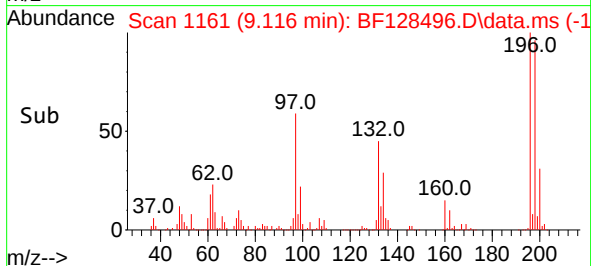
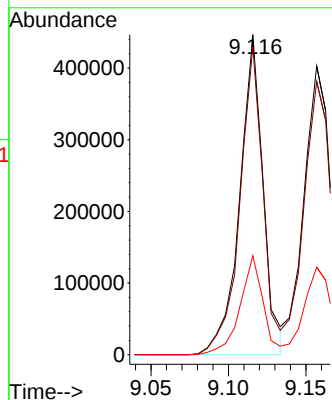
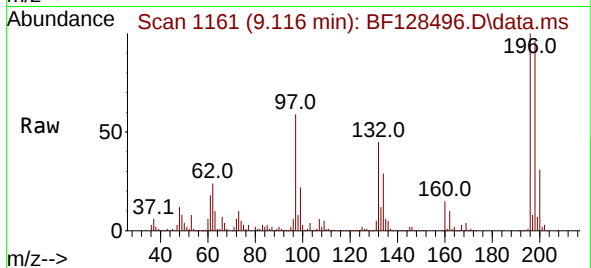
Tgt Ion:196 Resp: 470184

Ion Ratio Lower Upper

196 100

198 96.2 74.0 111.0

200 30.9 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 47.011 ng

RT: 9.157 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Tgt Ion:196 Resp: 526449

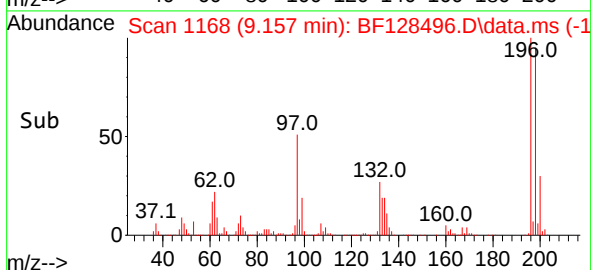
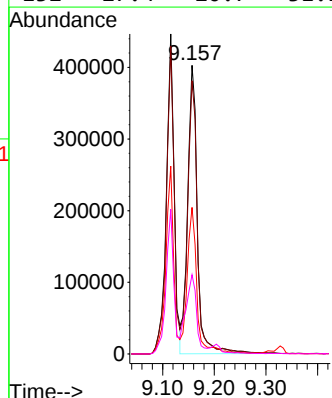
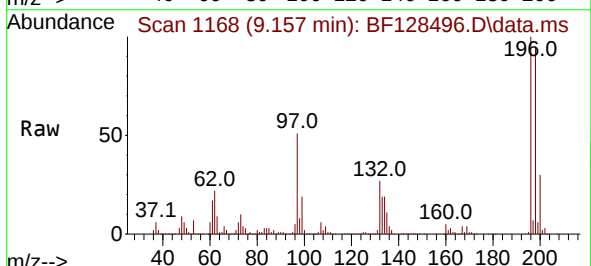
Ion Ratio Lower Upper

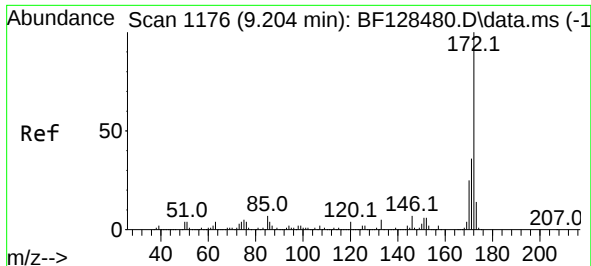
196 100

198 94.7 75.7 113.5

97 50.8 36.4 54.6

132 27.4 20.7 31.1

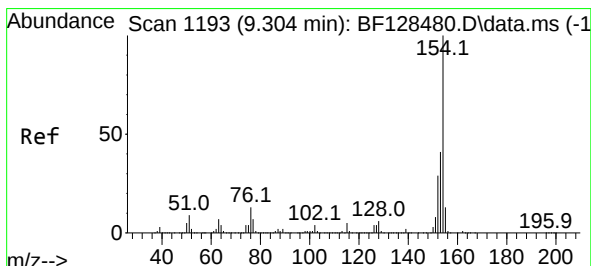
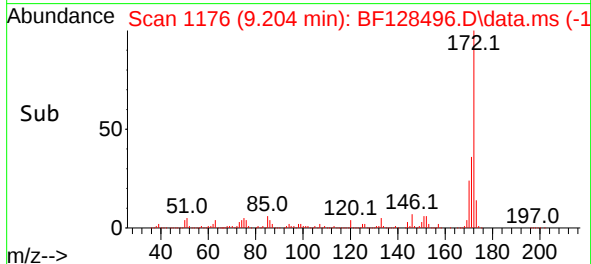
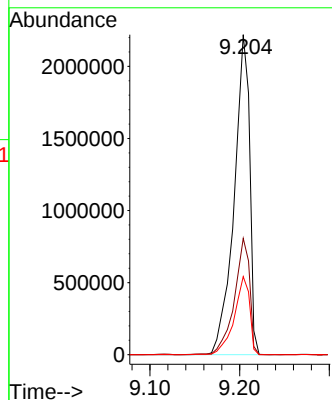
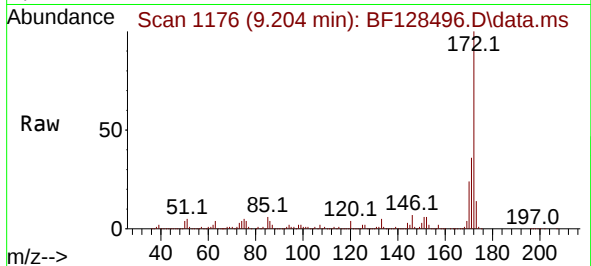




#45  
2-Fluorobiphenyl  
Concen: 80.717 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

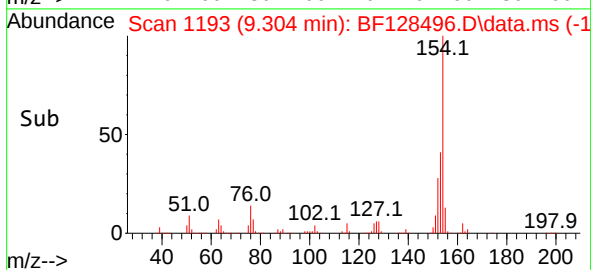
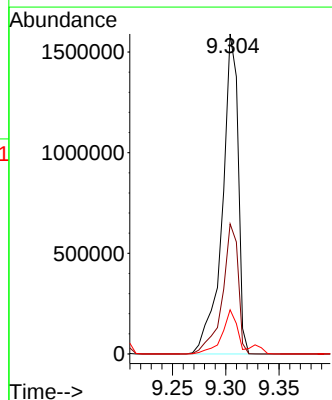
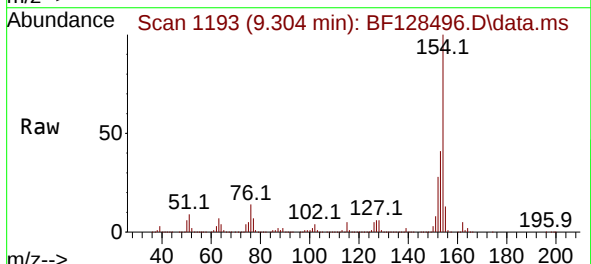
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

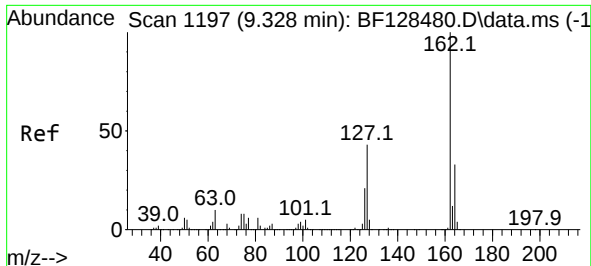
Tgt Ion:172 Resp: 2666545  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.8 43.2  
170 24.4 19.8 29.8



#46  
1,1'-Biphenyl  
Concen: 43.503 ng  
RT: 9.304 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:154 Resp: 1639465  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.6 60.6  
76 13.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.356 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Instrument :

BNA\_F

ClientSampleId :

PB145123BS

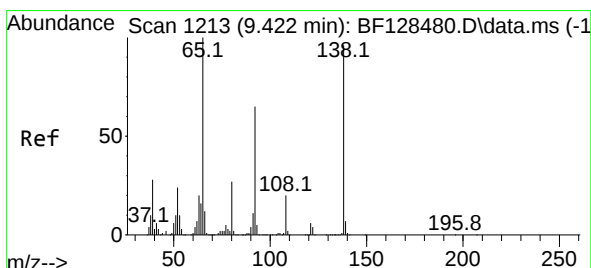
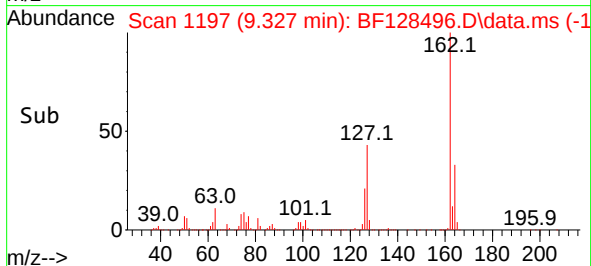
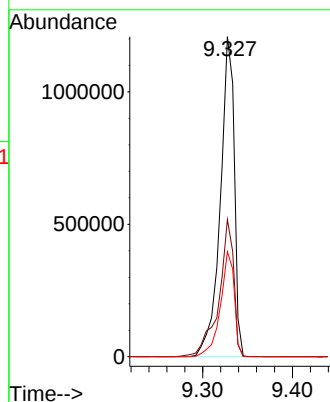
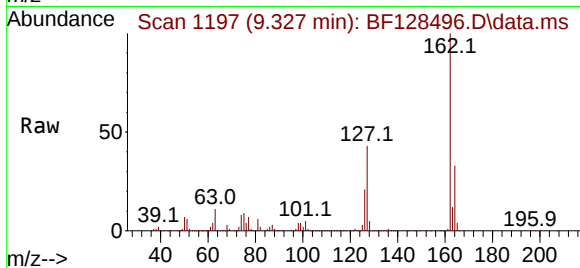
Tgt Ion:162 Resp: 1312240

Ion Ratio Lower Upper

162 100

127 42.8 34.5 51.7

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 54.703 ng

RT: 9.427 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

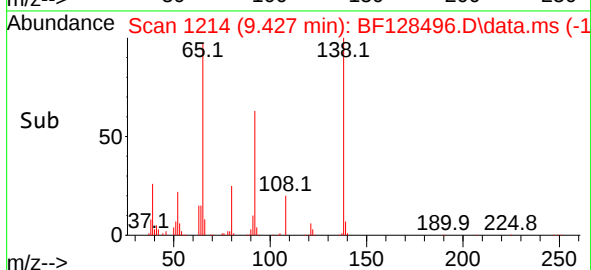
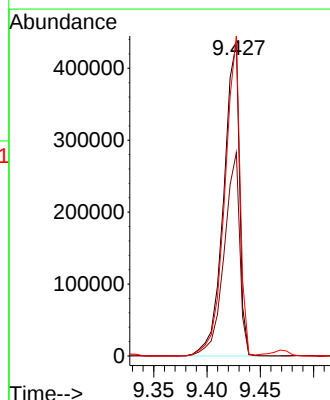
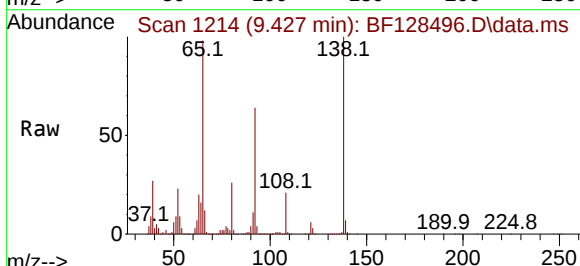
Tgt Ion: 65 Resp: 450014

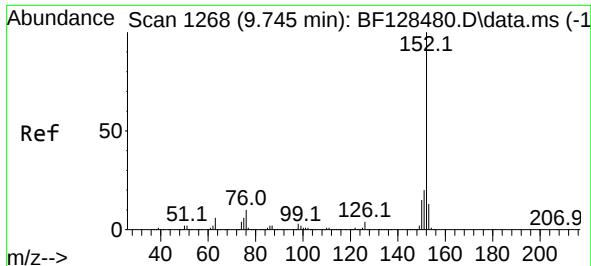
Ion Ratio Lower Upper

65 100

92 64.9 51.9 77.9

138 102.1 76.4 114.6

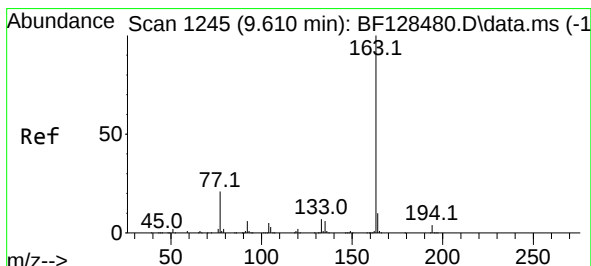
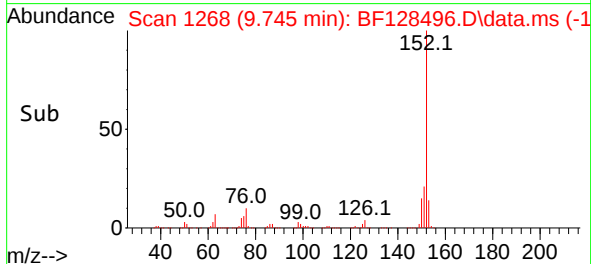
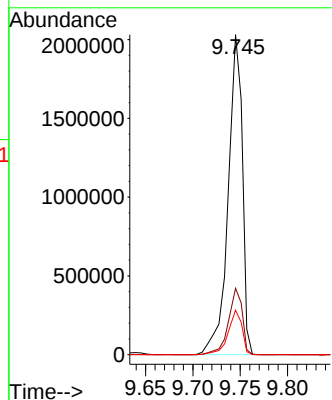
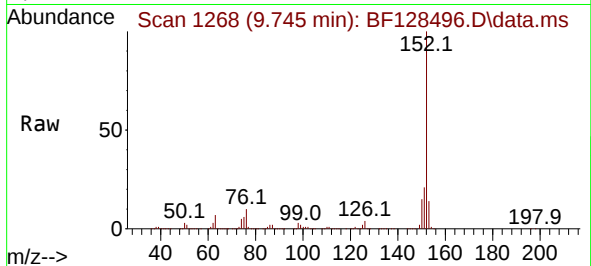




#49  
Acenaphthylene  
Concen: 46.587 ng  
RT: 9.745 min Scan# 1268  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

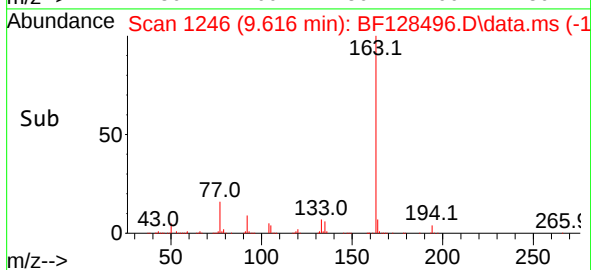
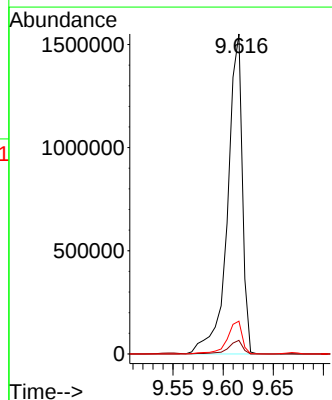
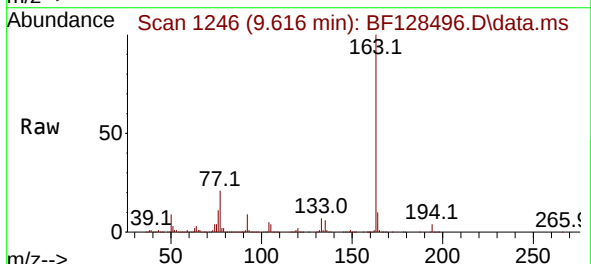
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

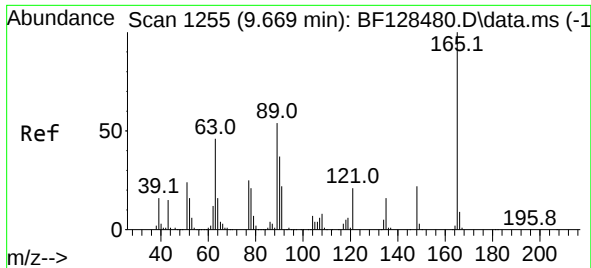
Tgt Ion:152 Resp: 2117294  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.2 24.4  
153 13.9 10.7 16.1



#50  
Dimethylphthalate  
Concen: 45.368 ng  
RT: 9.616 min Scan# 1246  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:163 Resp: 1579469  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.2 4.8  
164 10.3 8.2 12.2

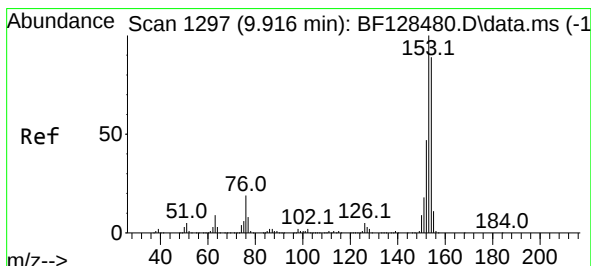
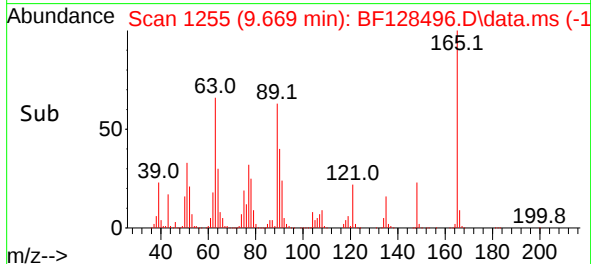
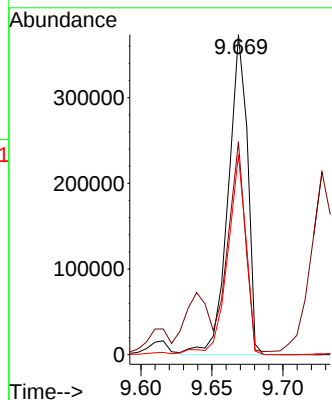
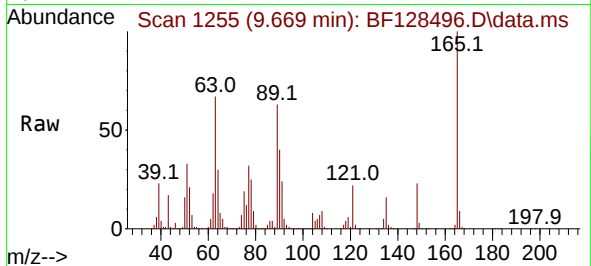




#51  
2,6-Dinitrotoluene  
Concen: 55.391 ng  
RT: 9.669 min Scan# 1255  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

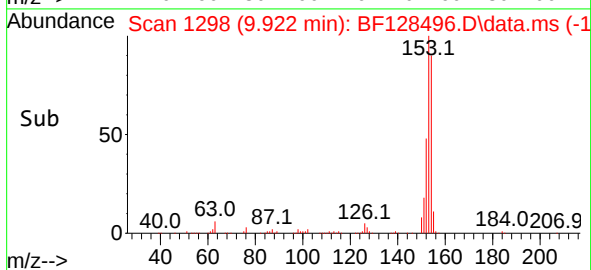
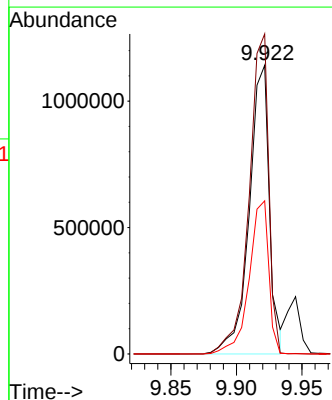
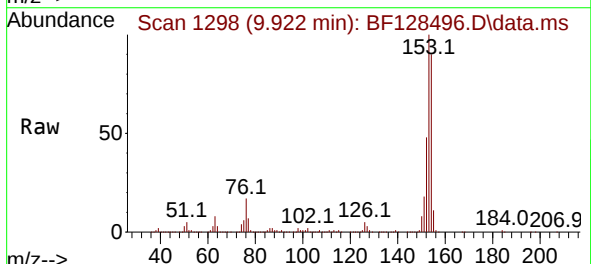
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

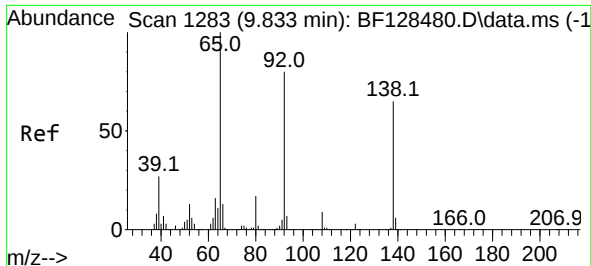
Tgt Ion:165 Resp: 353423  
Ion Ratio Lower Upper  
165 100  
63 66.6 44.9 67.3  
89 62.5 43.6 65.4



#52  
Acenaphthene  
Concen: 43.635 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:154 Resp: 1223544  
Ion Ratio Lower Upper  
154 100  
153 110.9 89.6 134.4  
152 53.0 42.4 63.6

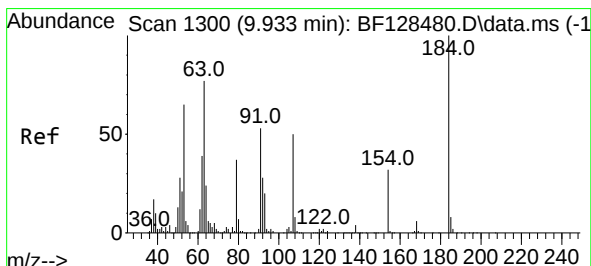
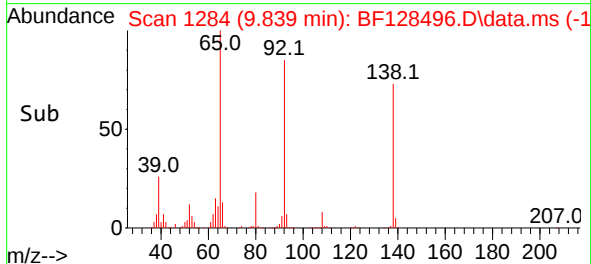
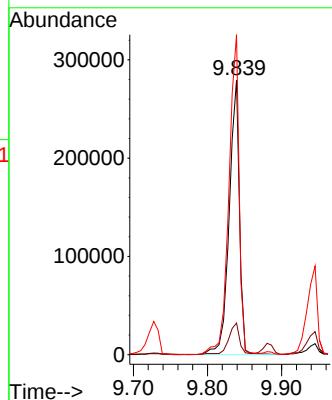
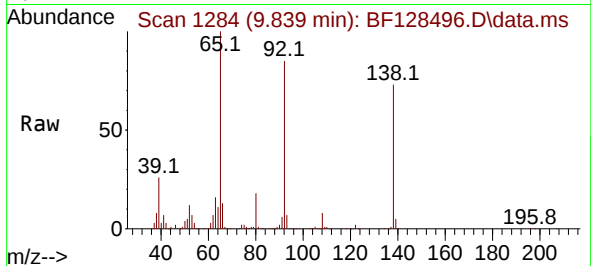




#53  
3-Nitroaniline  
Concen: 36.414 ng  
RT: 9.839 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

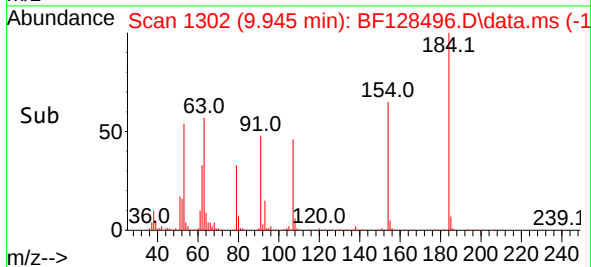
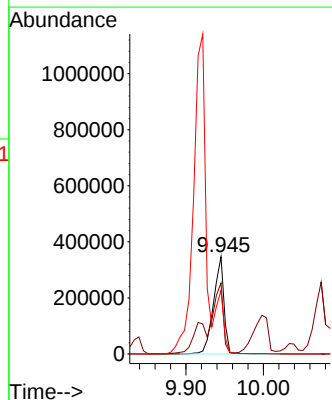
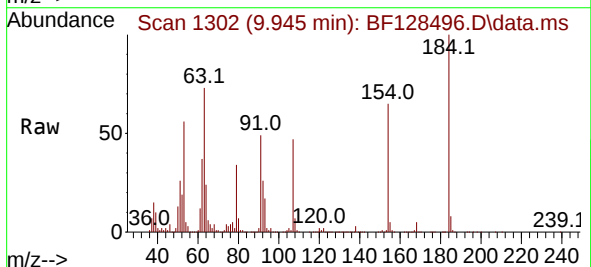
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

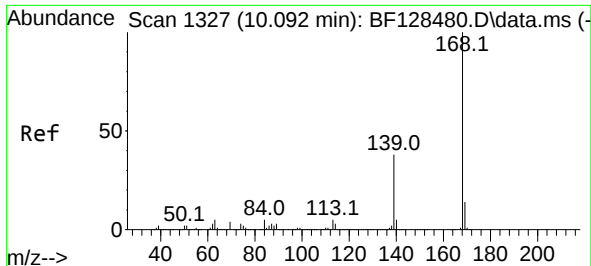
Tgt Ion:138 Resp: 268325  
Ion Ratio Lower Upper  
138 100  
108 11.6 10.9 16.3  
92 116.6 98.2 147.2



#54  
2,4-Dinitrophenol  
Concen: 99.641 ng  
RT: 9.945 min Scan# 1302  
Delta R.T. 0.012 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:184 Resp: 328390  
Ion Ratio Lower Upper  
184 100  
63 73.0 64.5 96.7  
154 65.2 50.6 75.8

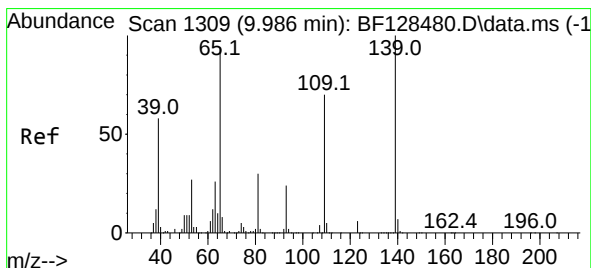
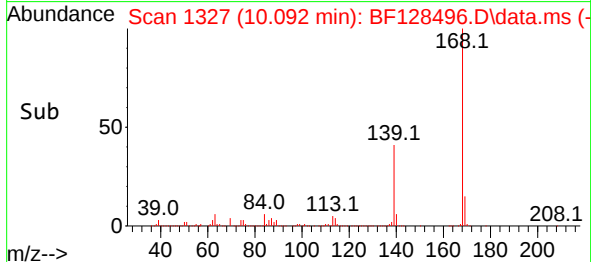
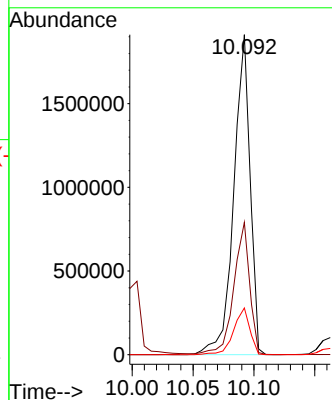
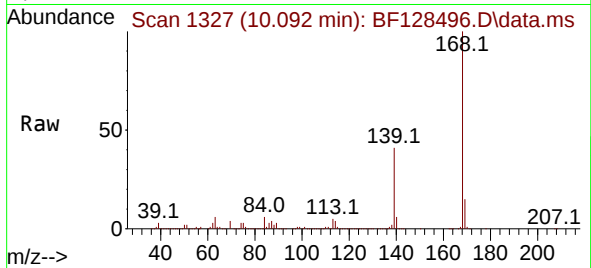




#55  
Dibenzenofuran  
Concen: 42.854 ng  
RT: 10.092 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

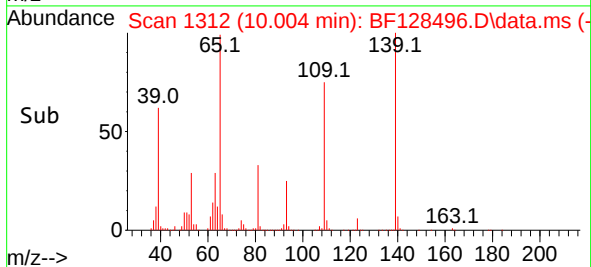
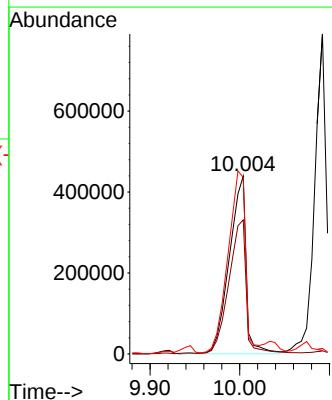
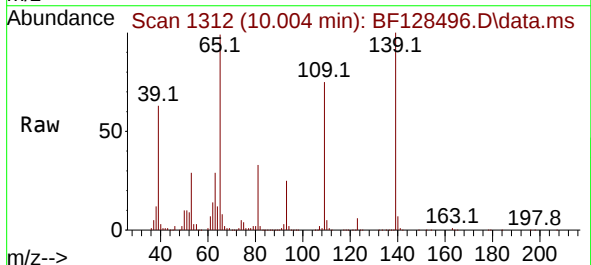
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

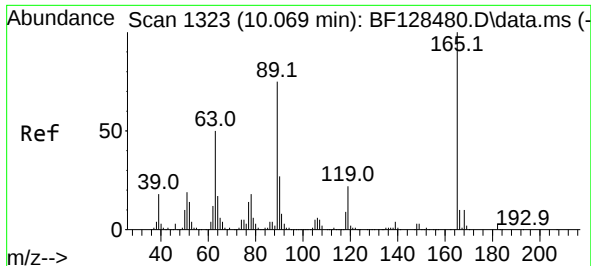
Tgt Ion:168 Resp: 1782882  
Ion Ratio Lower Upper  
168 100  
139 41.3 30.6 46.0  
169 14.6 11.0 16.6



#56  
4-Nitrophenol  
Concen: 95.647 ng  
RT: 10.004 min Scan# 1312  
Delta R.T. 0.017 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:139 Resp: 571901  
Ion Ratio Lower Upper  
139 100  
109 75.4 50.7 90.7  
65 99.3 74.5 114.5

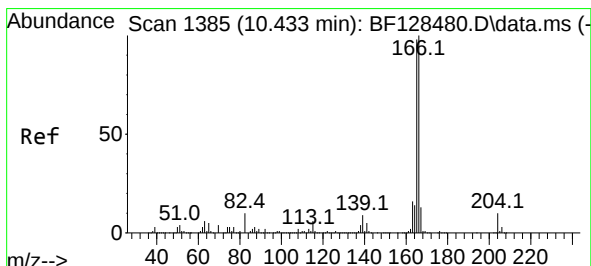
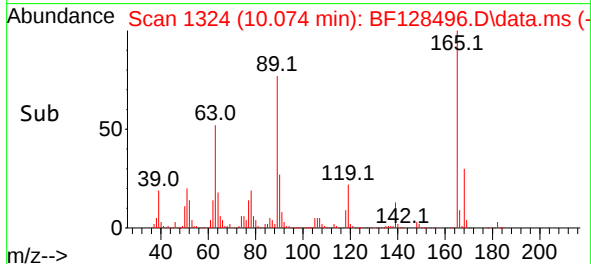
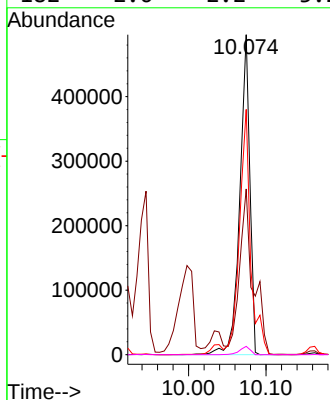
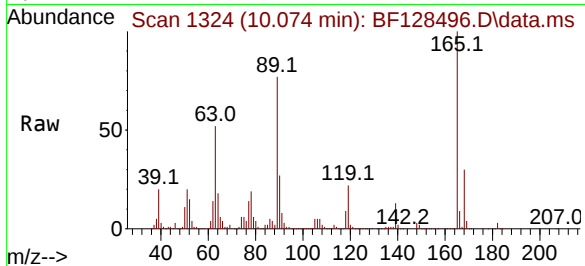




#57  
2,4-Dinitrotoluene  
Concen: 58.921 ng  
RT: 10.074 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

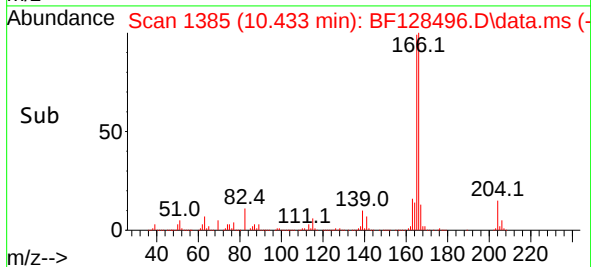
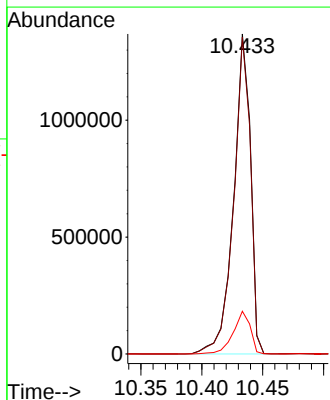
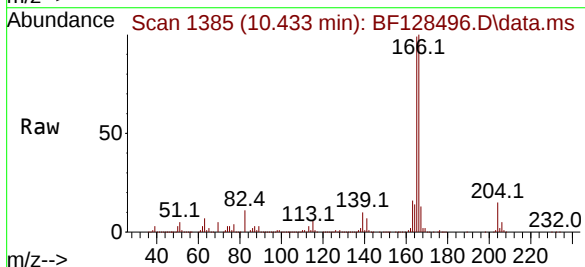
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

Tgt Ion:165 Resp: 449769  
Ion Ratio Lower Upper  
165 100  
63 51.8 39.8 59.6  
89 76.7 60.2 90.2  
182 2.6 2.2 3.2



#58  
Fluorene  
Concen: 44.044 ng  
RT: 10.433 min Scan# 1385  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:166 Resp: 1319152  
Ion Ratio Lower Upper  
166 100  
165 99.0 78.1 117.1  
167 13.4 10.5 15.7

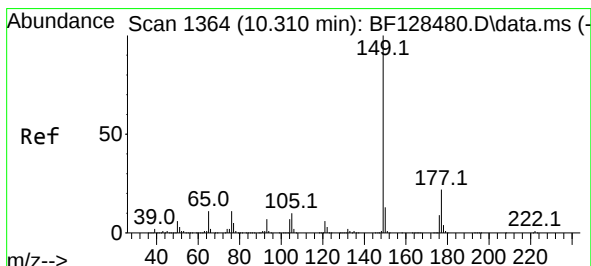
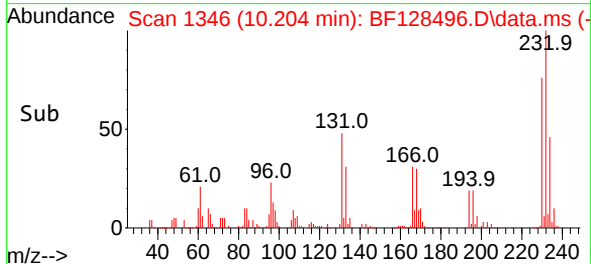
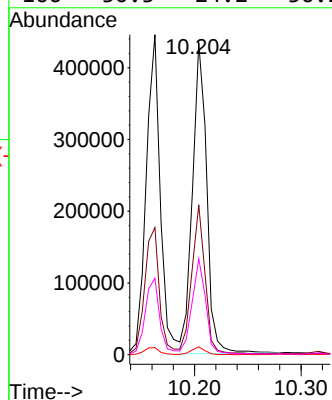
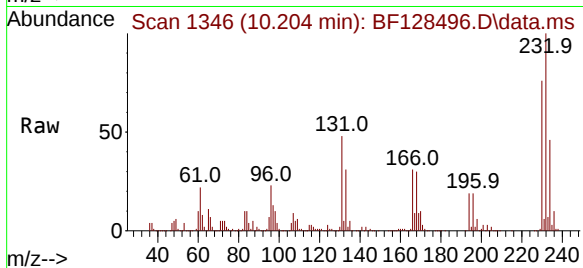




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.447 ng  
RT: 10.204 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

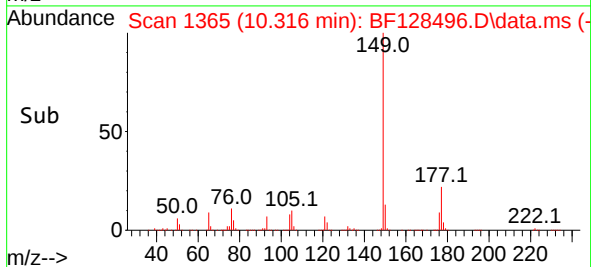
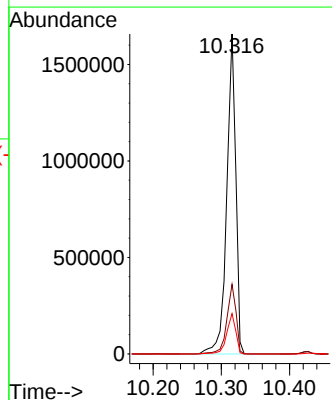
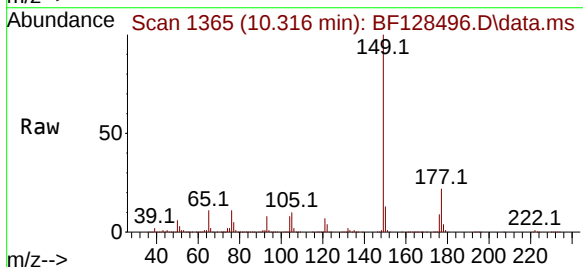
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

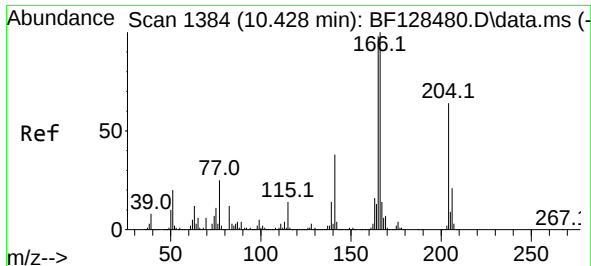
Tgt Ion:232 Resp: 403367  
Ion Ratio Lower Upper  
232 100  
131 45.1 36.1 54.1  
130 2.4 1.8 2.8  
166 30.3 24.2 36.2



#60  
Diethylphthalate  
Concen: 45.098 ng  
RT: 10.316 min Scan# 1365  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:149 Resp: 1525166  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.3 25.9  
150 12.6 10.2 15.2

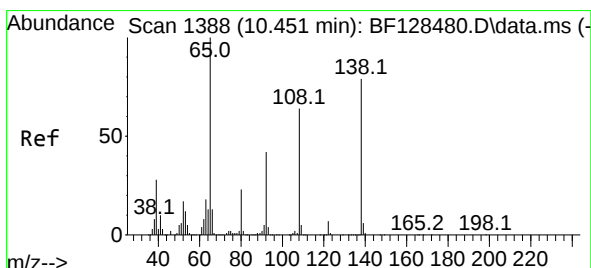
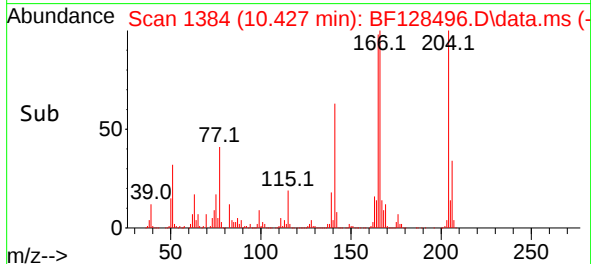
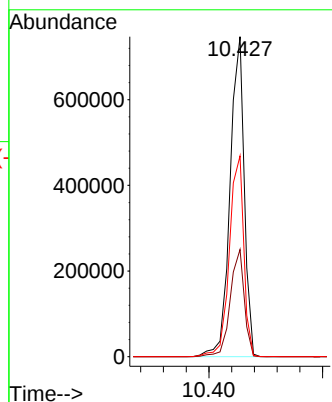
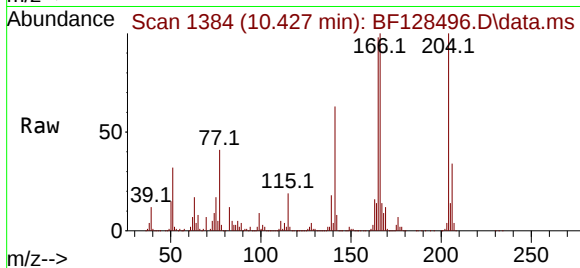




#61  
4-Chlorophenyl-phenylether  
Concen: 42.643 ng  
RT: 10.427 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

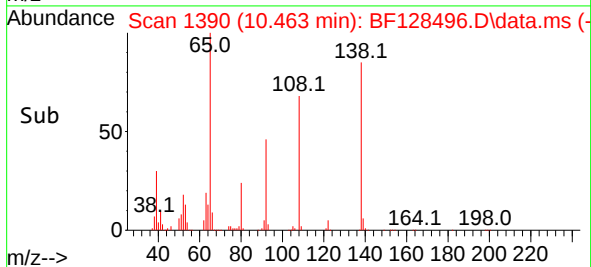
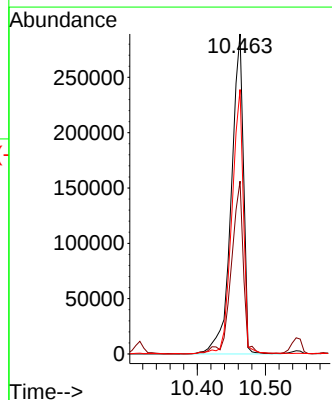
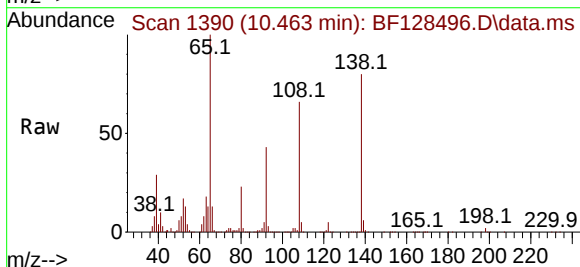
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

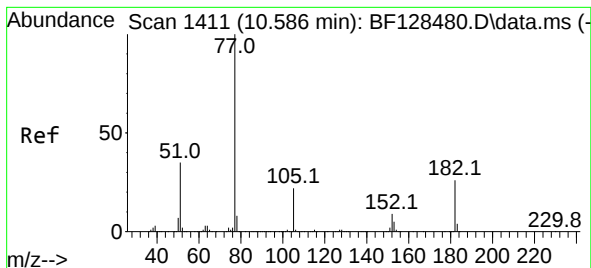
Tgt Ion:204 Resp: 648005  
Ion Ratio Lower Upper  
204 100  
206 33.5 25.8 38.6  
141 62.8 47.0 70.4



#62  
4-Nitroaniline  
Concen: 51.365 ng  
RT: 10.463 min Scan# 1390  
Delta R.T. 0.012 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:138 Resp: 362376  
Ion Ratio Lower Upper  
138 100  
92 54.0 33.5 73.5  
108 82.7 61.0 101.0

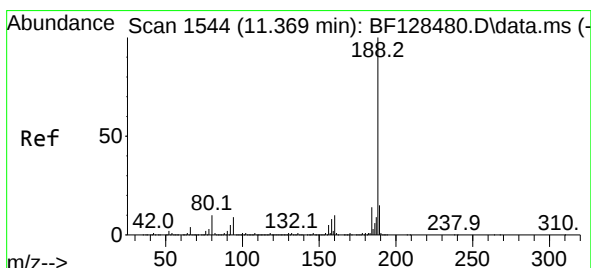
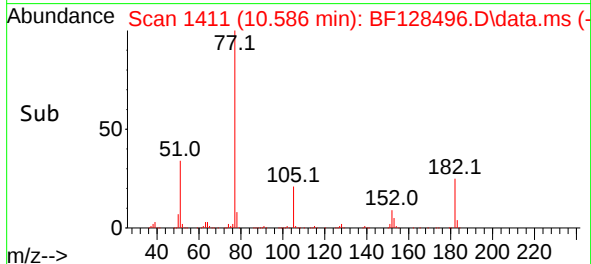
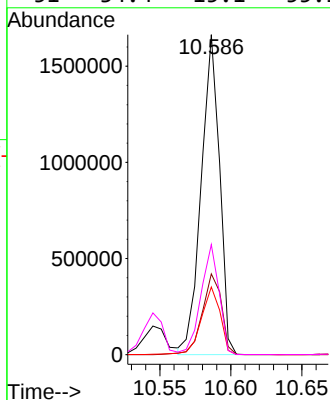
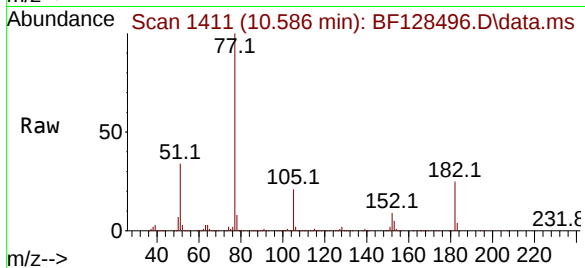




#63  
Azobenzene  
Concen: 43.414 ng  
RT: 10.586 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

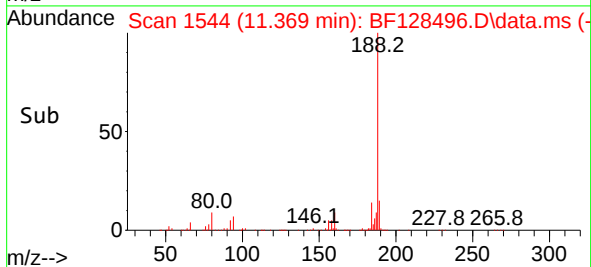
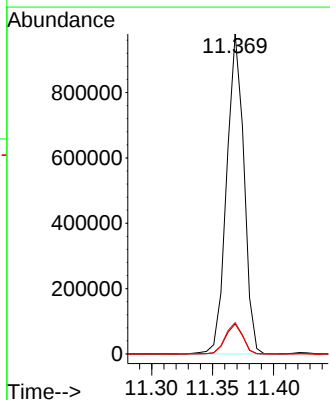
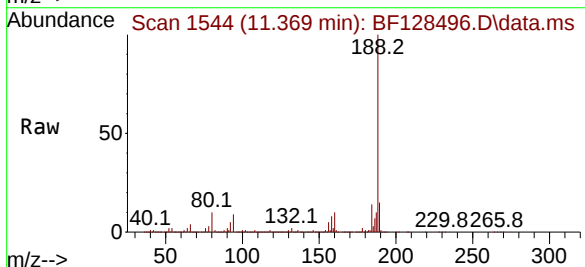
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

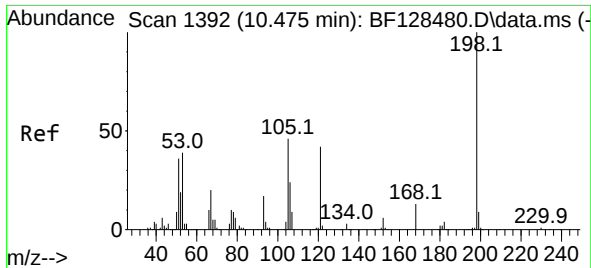
Tgt Ion: 77 Resp: 1494740  
Ion Ratio Lower Upper  
77 100  
182 25.3 5.6 45.6  
105 21.2 1.6 41.6  
51 34.4 15.1 55.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1544  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:188 Resp: 966537  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.0 10.6  
80 9.8 7.6 11.4

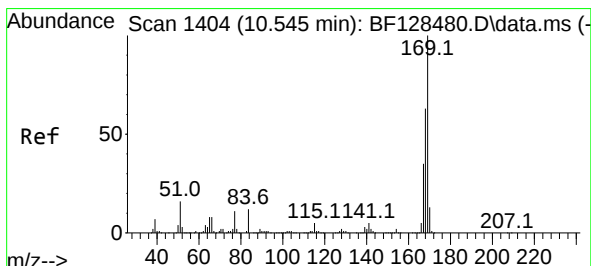
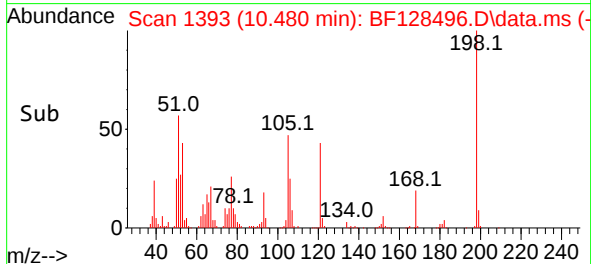
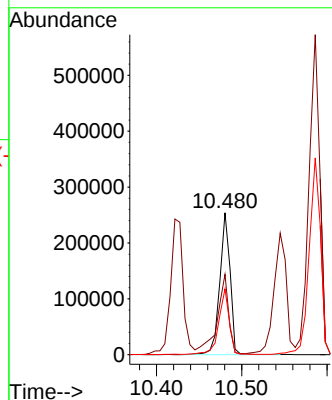
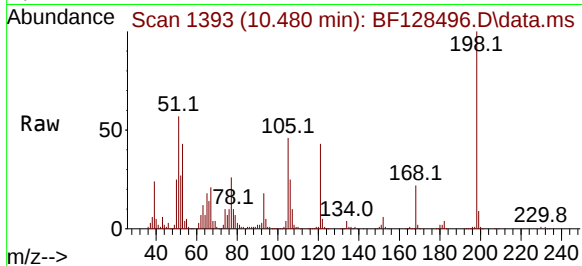




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.911 ng  
RT: 10.480 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

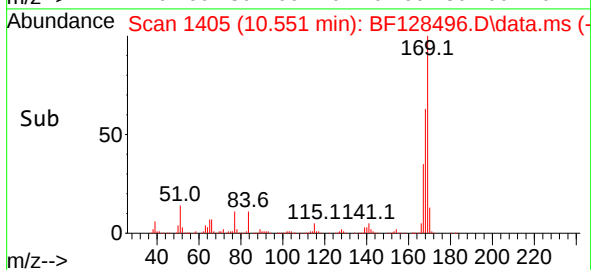
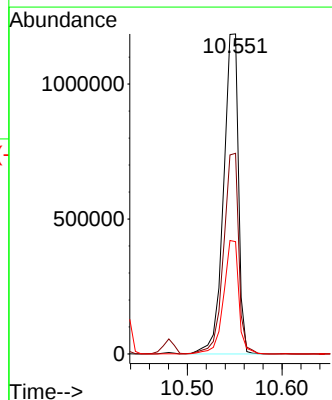
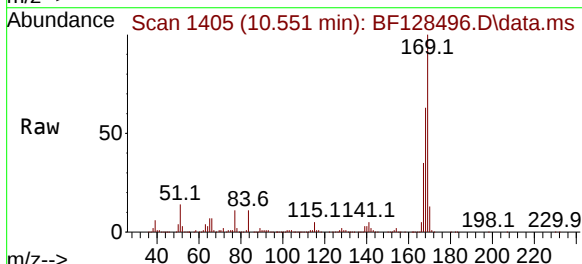
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

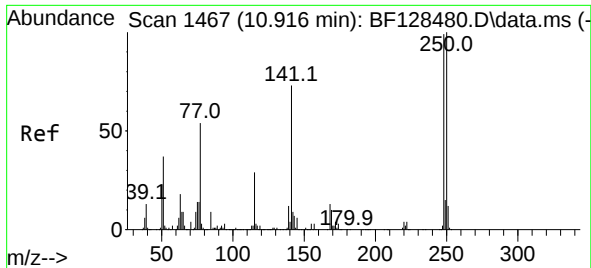
Tgt Ion:198 Resp: 213949  
Ion Ratio Lower Upper  
198 100  
51 56.6 37.6 77.6  
105 46.4 27.0 67.0



#66  
n-Nitrosodiphenylamine  
Concen: 44.711 ng  
RT: 10.551 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:169 Resp: 1293806  
Ion Ratio Lower Upper  
169 100  
168 62.7 50.1 75.1  
167 35.1 27.9 41.9

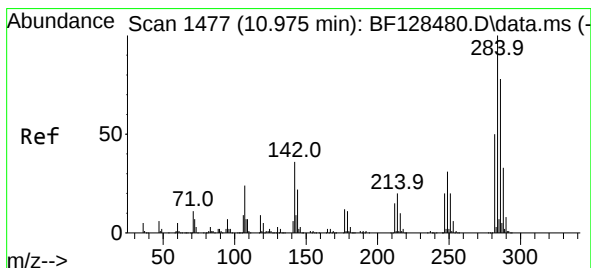
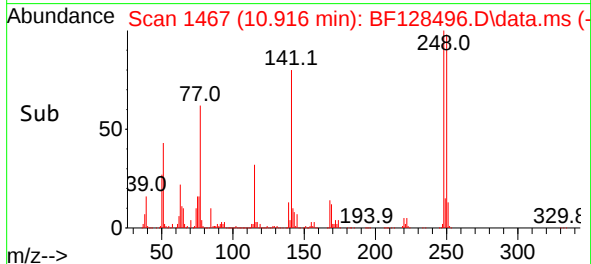
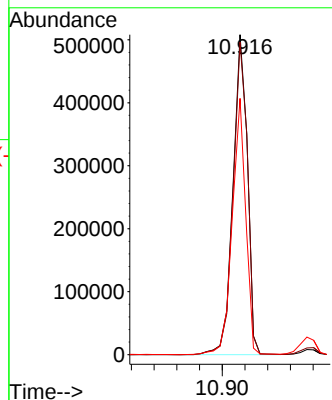
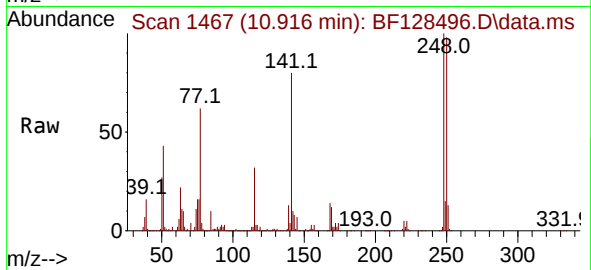




#67  
4-Bromophenyl-phenylether  
Concen: 44.725 ng  
RT: 10.916 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

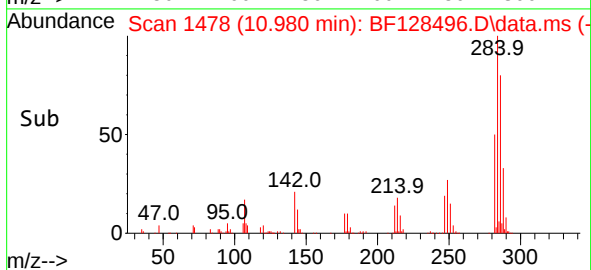
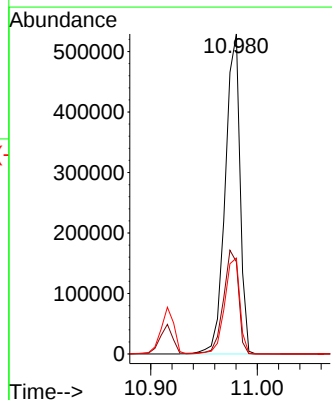
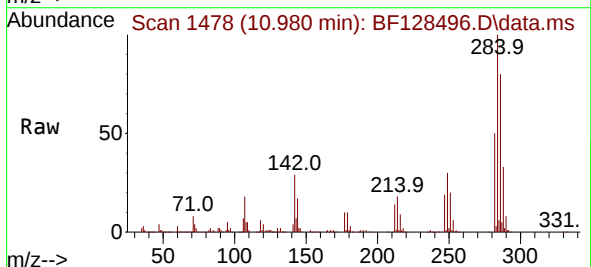
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

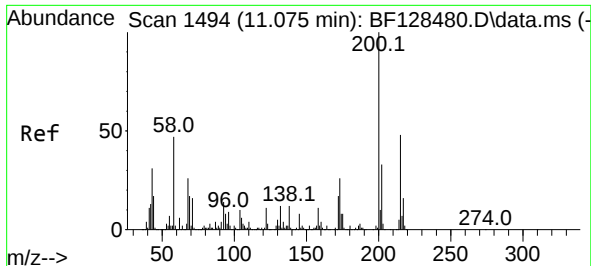
Tgt Ion:248 Resp: 446626  
Ion Ratio Lower Upper  
248 100  
250 97.7 80.6 120.8  
141 80.1 58.9 88.3



#68  
Hexachlorobenzene  
Concen: 46.003 ng  
RT: 10.980 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:284 Resp: 507308  
Ion Ratio Lower Upper  
284 100  
142 28.8 29.0 43.4#  
249 30.0 25.0 37.6

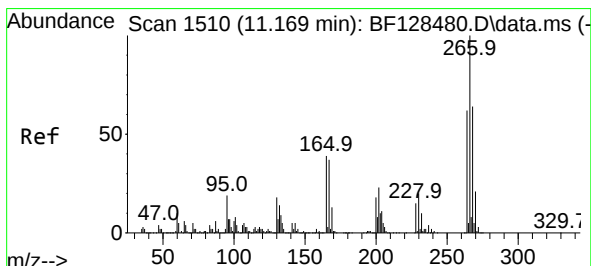
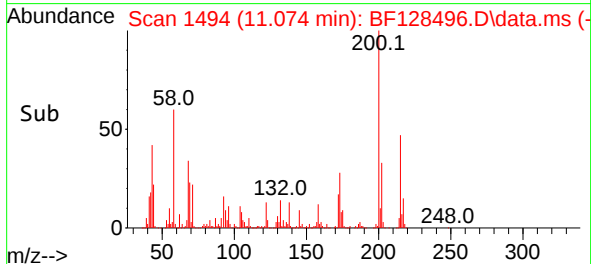
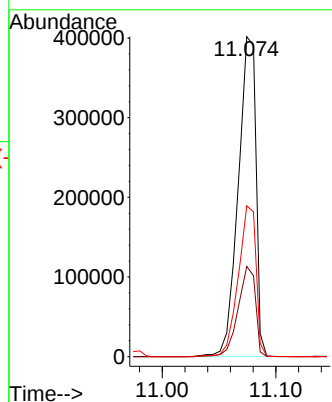
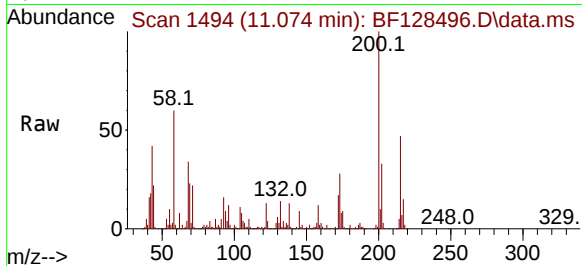




#69  
 Atrazine  
 Concen: 48.495 ng  
 RT: 11.074 min Scan# 1494  
 Delta R.T. -0.000 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

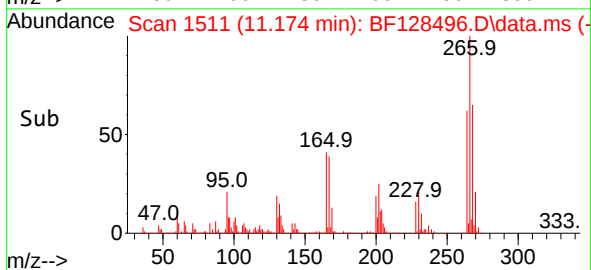
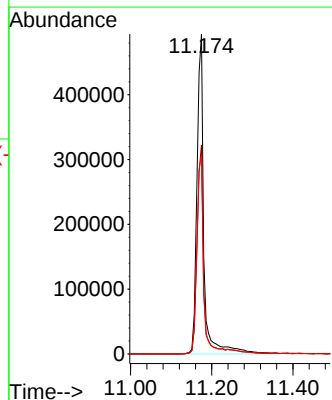
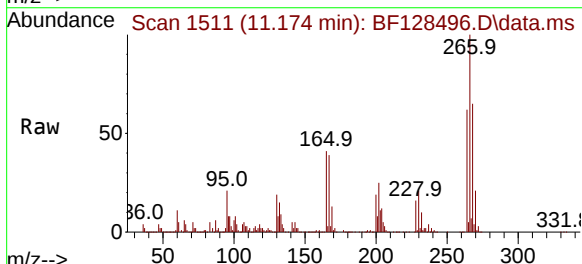
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145123BS

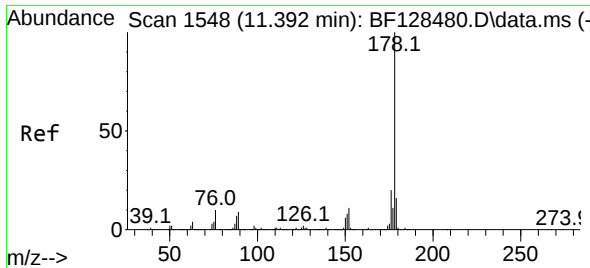
Tgt Ion:200 Resp: 435529  
 Ion Ratio Lower Upper  
 200 100  
 173 28.2 6.3 46.3  
 215 47.1 28.3 68.3



#70  
 Pentachlorophenol  
 Concen: 88.066 ng  
 RT: 11.174 min Scan# 1511  
 Delta R.T. 0.005 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

Tgt Ion:266 Resp: 591811  
 Ion Ratio Lower Upper  
 266 100  
 268 65.3 51.0 76.4  
 264 62.2 49.4 74.2

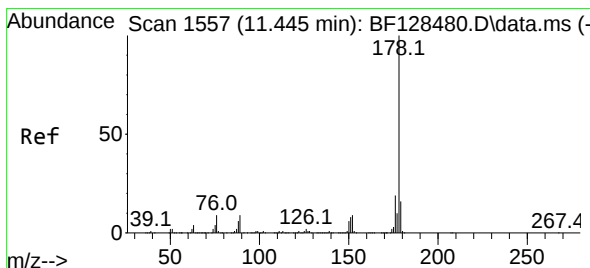
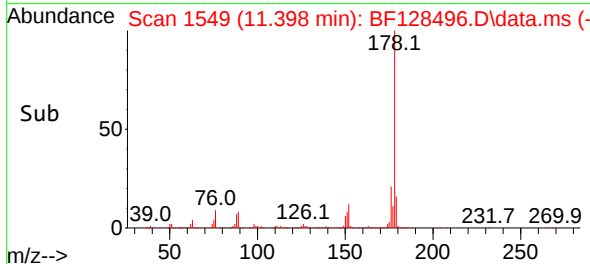
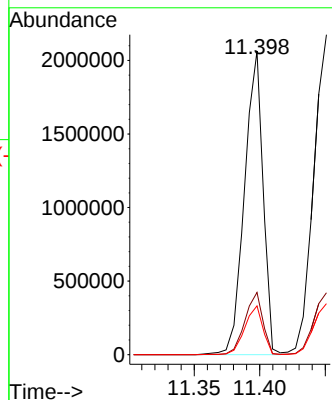
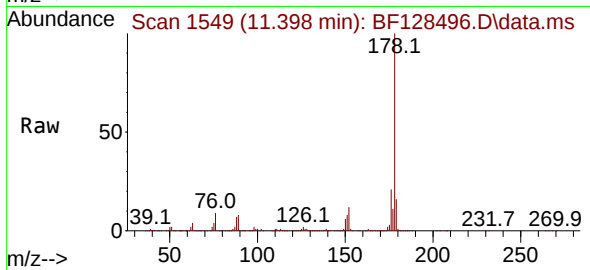




#71  
Phenanthrene  
Concen: 44.357 ng  
RT: 11.398 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

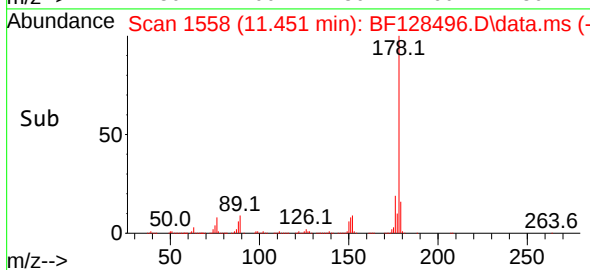
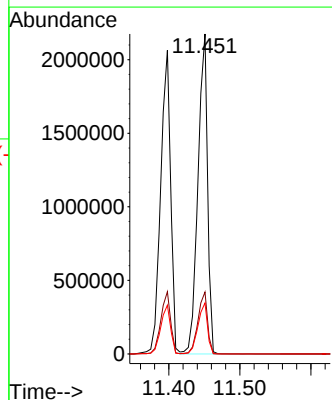
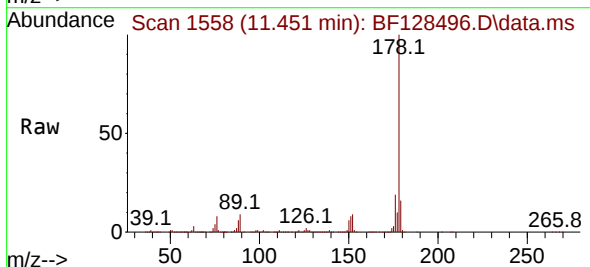
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

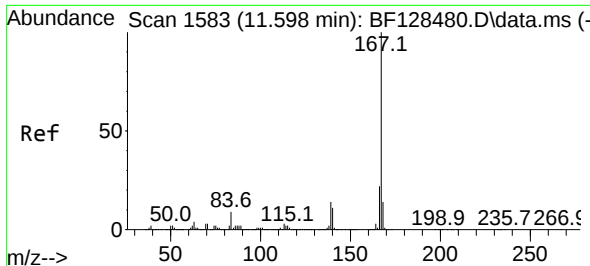
Tgt Ion:178 Resp: 2030962  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.0 24.0  
179 16.1 12.6 19.0



#72  
Anthracene  
Concen: 44.872 ng  
RT: 11.451 min Scan# 1558  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:178 Resp: 2052209  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 16.0 12.6 19.0

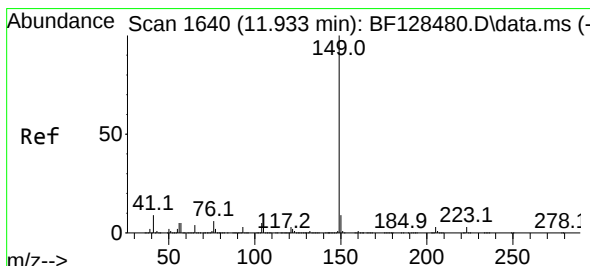
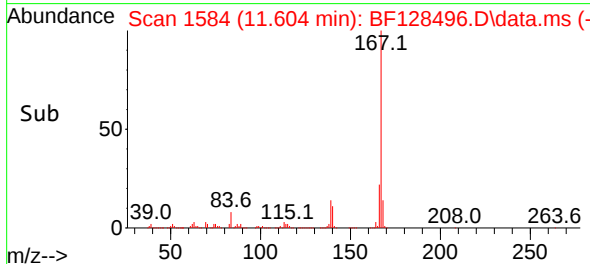
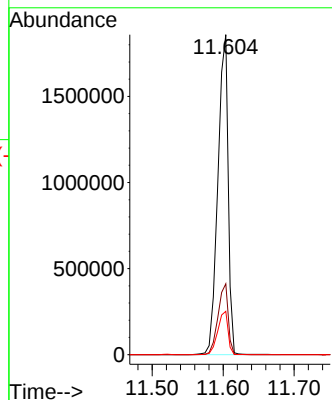
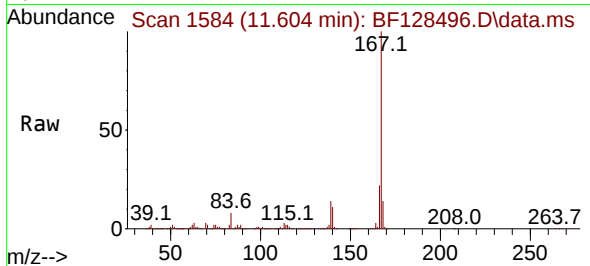




#73  
 Carbazole  
 Concen: 42.549 ng  
 RT: 11.604 min Scan# 1584  
 Delta R.T. 0.006 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

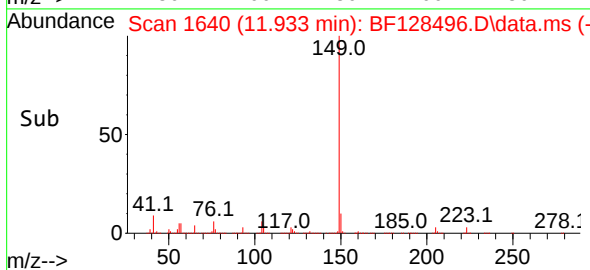
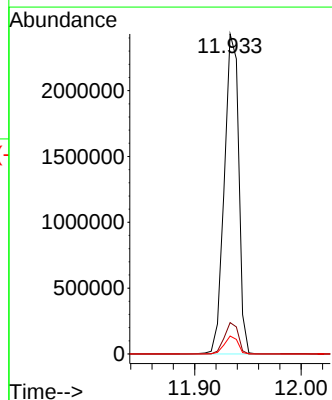
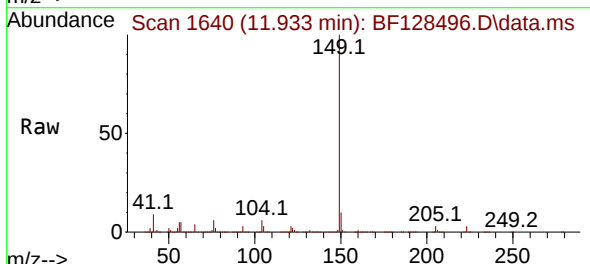
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145123BS

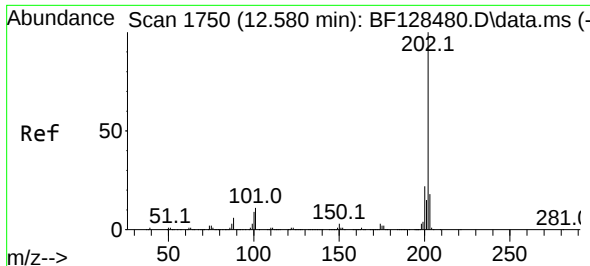
Tgt Ion:167 Resp: 1864914  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.7 26.5  
 139 13.5 11.2 16.8



#74  
 Di-n-butylphthalate  
 Concen: 44.134 ng  
 RT: 11.933 min Scan# 1640  
 Delta R.T. -0.000 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

Tgt Ion:149 Resp: 2276752  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.5 11.3  
 104 5.6 4.4 6.6

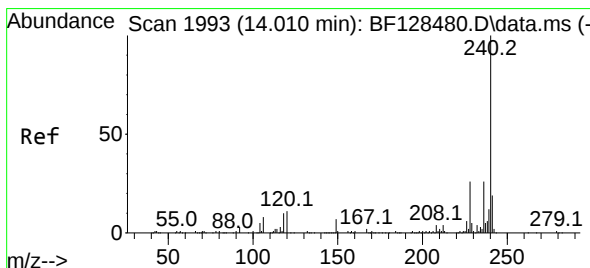
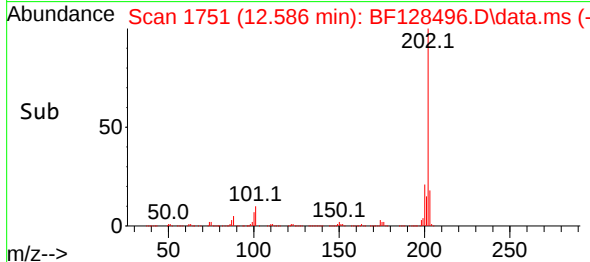
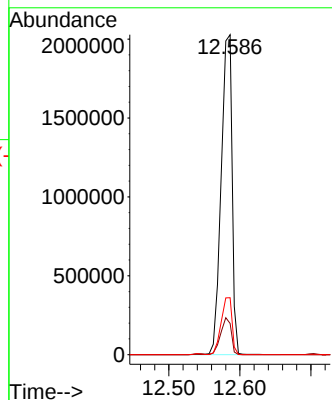
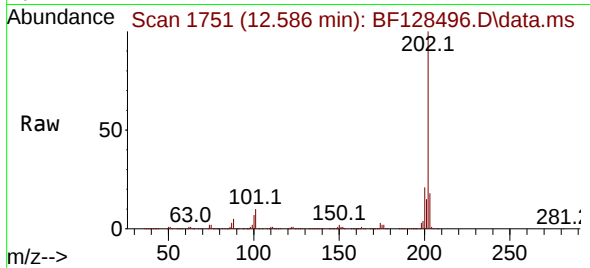




#75  
Fluoranthene  
Concen: 43.979 ng  
RT: 12.586 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

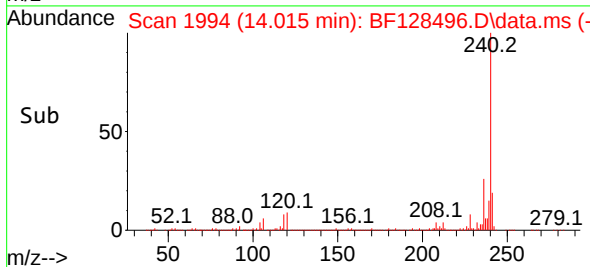
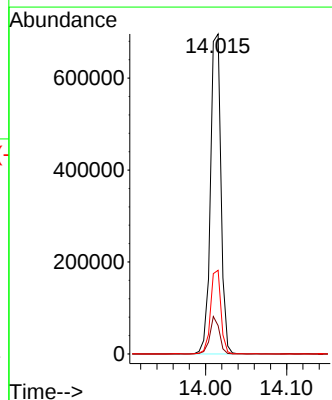
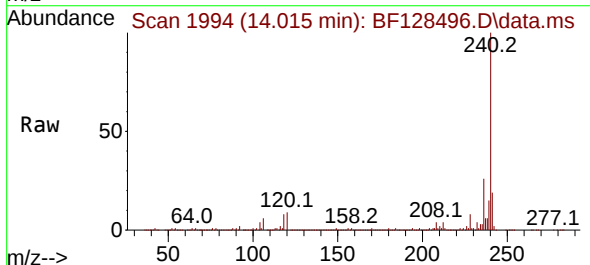
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

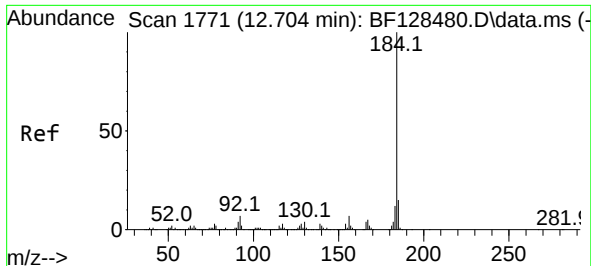
Tgt Ion:202 Resp: 2152776  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 31.4  
203 17.8 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:240 Resp: 622762  
Ion Ratio Lower Upper  
240 100  
120 8.8 8.9 13.3#  
236 26.2 20.8 31.2

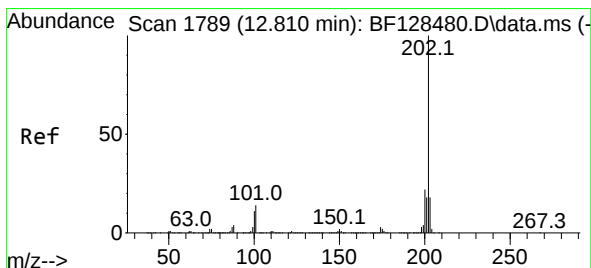
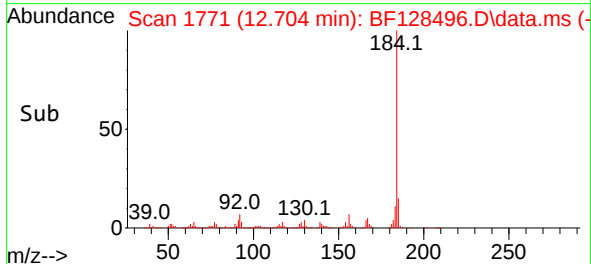
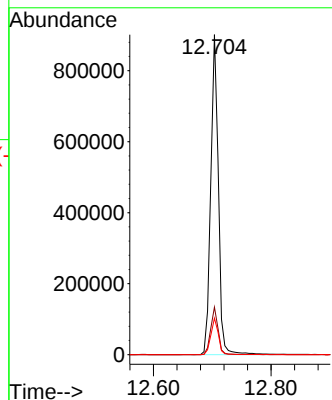
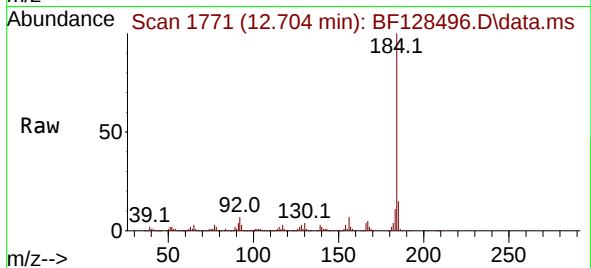




#77  
Benzidine  
Concen: 56.393 ng  
RT: 12.704 min Scan# 1771  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

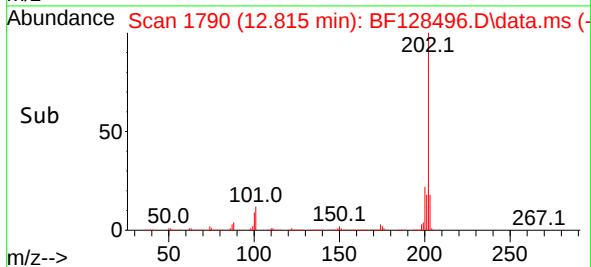
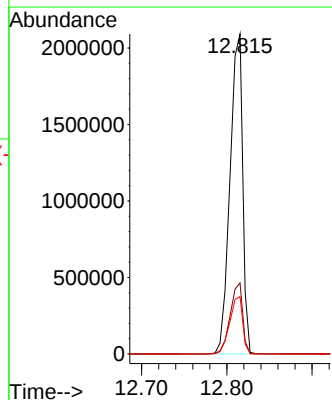
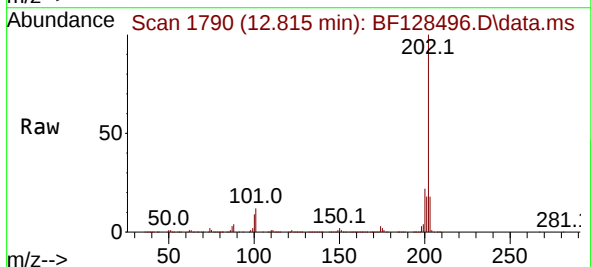
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

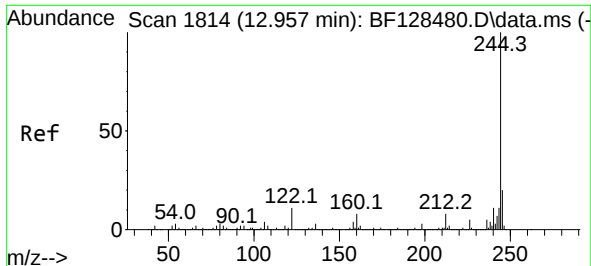
Tgt Ion:184 Resp: 810043  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.9 17.9  
183 11.4 9.3 13.9



#78  
Pyrene  
Concen: 46.107 ng  
RT: 12.815 min Scan# 1790  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:202 Resp: 2163168  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.7 26.5  
203 17.9 14.6 21.8

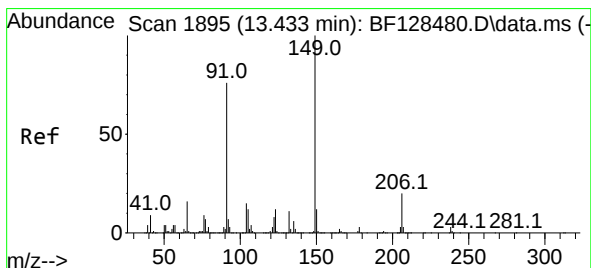
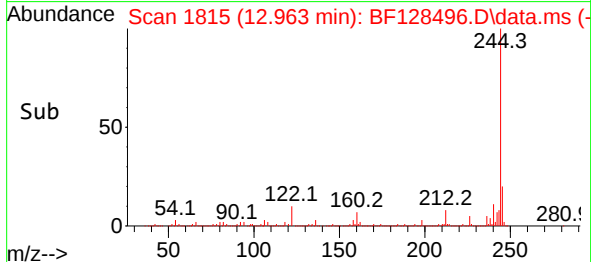
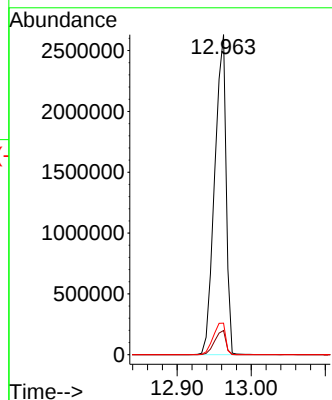
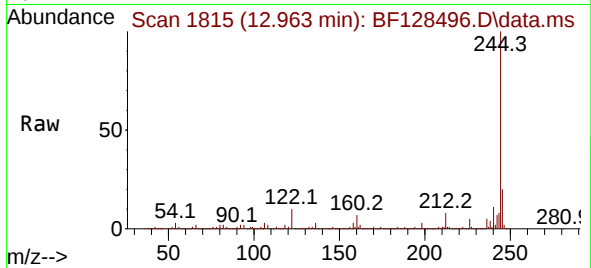




#79  
 Terphenyl-d14  
 Concen: 87.247 ng  
 RT: 12.963 min Scan# 1815  
 Delta R.T. 0.006 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

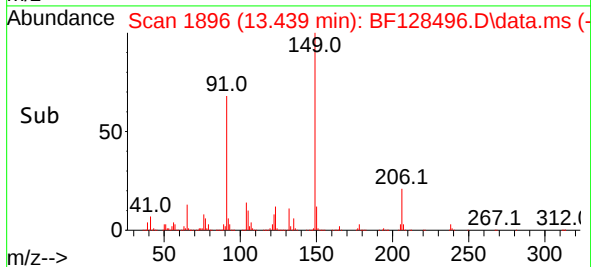
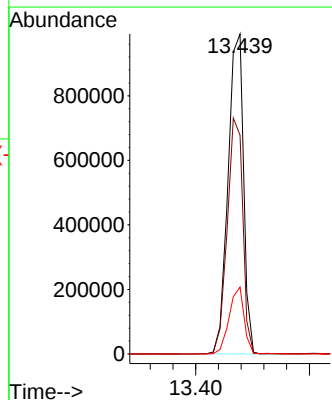
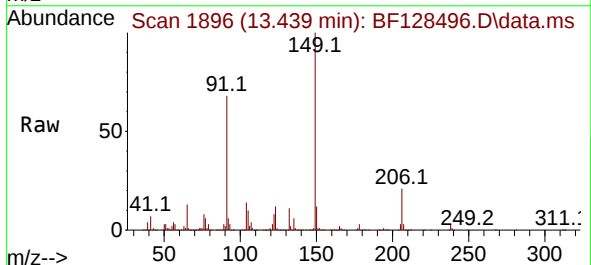
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145123BS

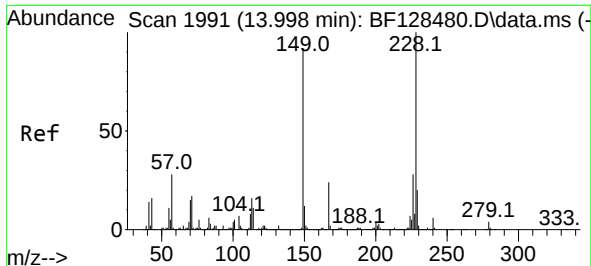
Tgt Ion:244 Resp: 2812370  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.1 9.1  
 122 9.9 8.8 13.2



#80  
 Butylbenzylphthalate  
 Concen: 47.536 ng  
 RT: 13.439 min Scan# 1896  
 Delta R.T. 0.006 min  
 Lab File: BF128496.D  
 Acq: 27 May 2022 02:51

Tgt Ion:149 Resp: 940696  
 Ion Ratio Lower Upper  
 149 100  
 91 68.3 61.2 91.8  
 206 20.9 15.7 23.5

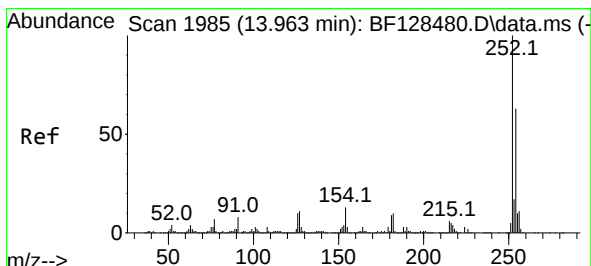
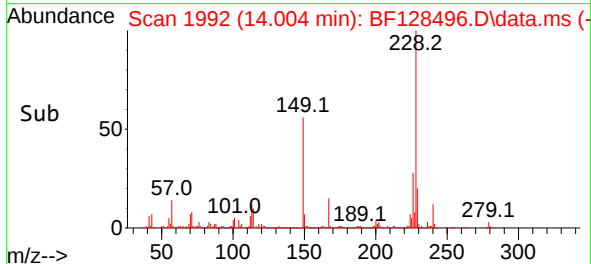
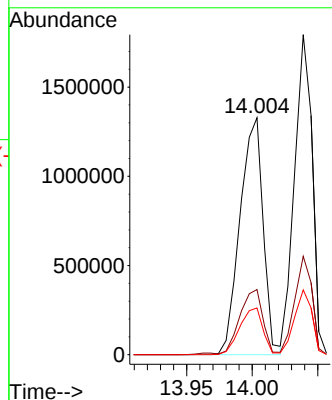
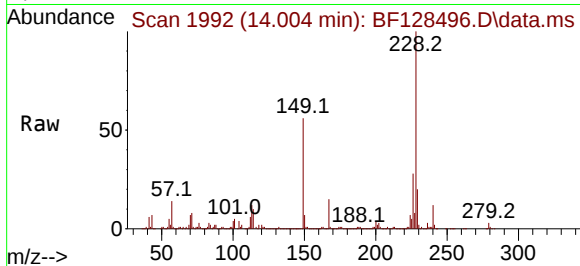




#81  
Benzo(a)anthracene  
Concen: 44.115 ng  
RT: 14.004 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

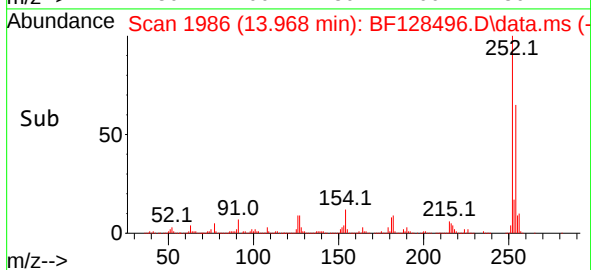
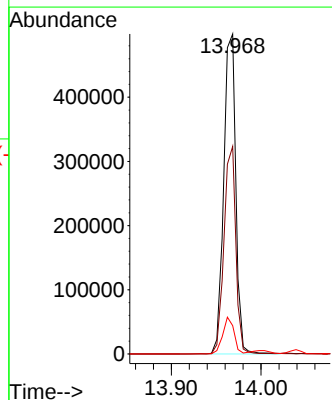
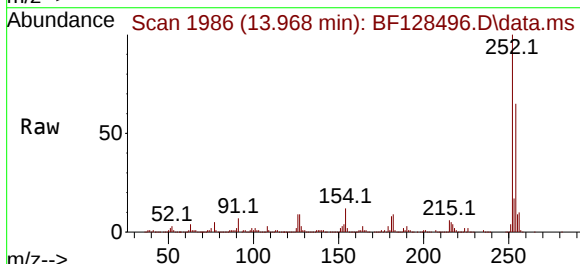
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

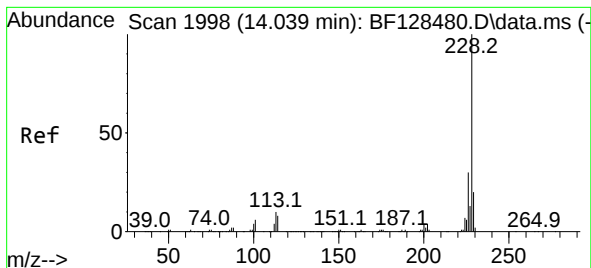
Tgt Ion:228 Resp: 1632940  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.1 33.1  
229 19.7 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 49.238 ng  
RT: 13.968 min Scan# 1986  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:252 Resp: 466693  
Ion Ratio Lower Upper  
252 100  
254 64.9 50.2 75.4  
126 8.8 8.2 12.4





#83

Chrysene

Concen: 44.332 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Instrument :

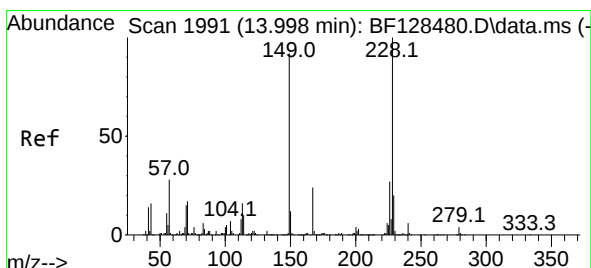
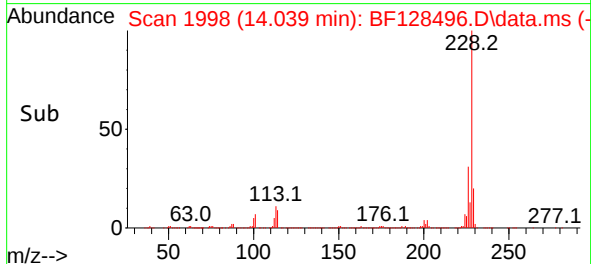
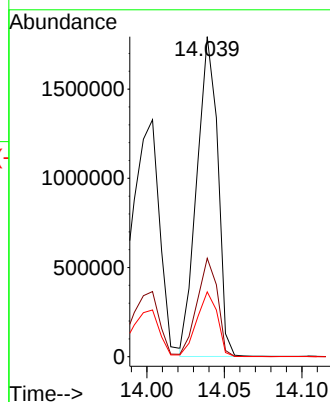
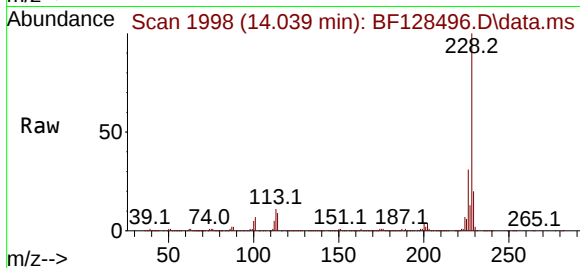
BNA\_F

ClientSampleId :

PB145123BS

Tgt Ion:228 Resp: 1680530

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.7  | 24.3  | 36.5  |
| 229 | 20.2  | 15.9  | 23.9  |



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.917 ng

RT: 13.998 min Scan# 1991

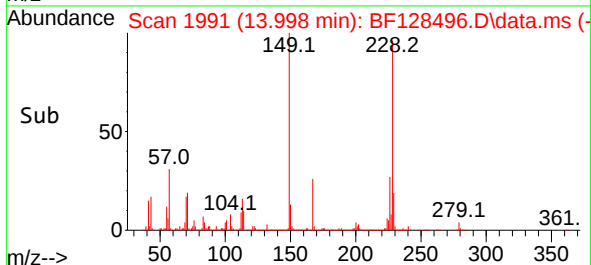
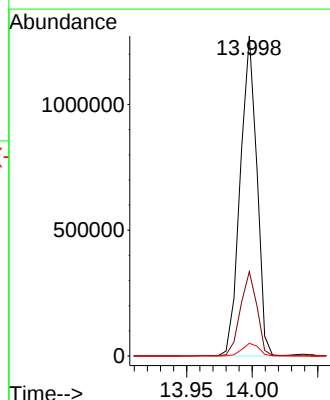
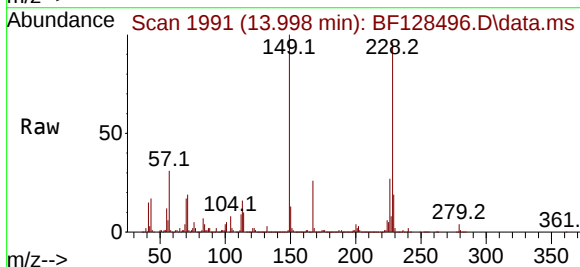
Delta R.T. -0.000 min

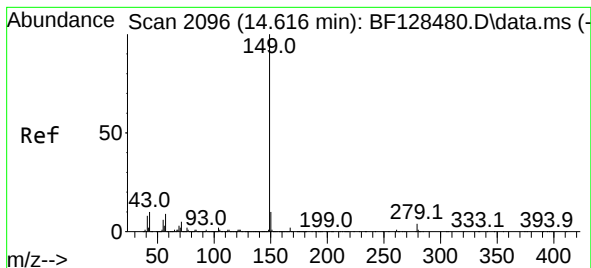
Lab File: BF128496.D

Acq: 27 May 2022 02:51

Tgt Ion:149 Resp: 1122931

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.3  | 21.0  | 31.4  |
| 279 | 4.0   | 3.1   | 4.7   |

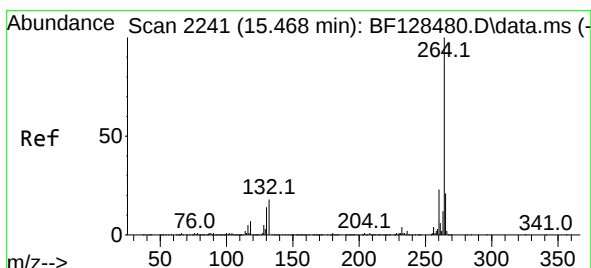
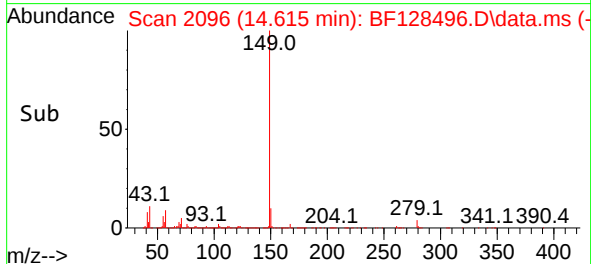
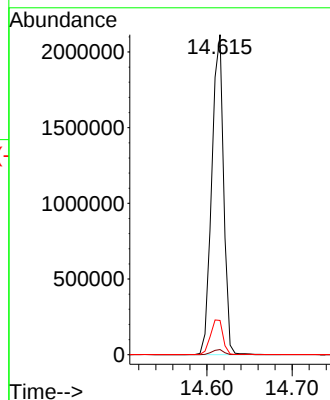
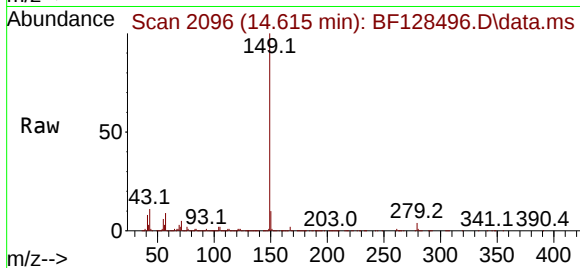




#85  
Di-n-octyl phthalate  
Concen: 48.433 ng  
RT: 14.615 min Scan# 2096  
Delta R.T. -0.000 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

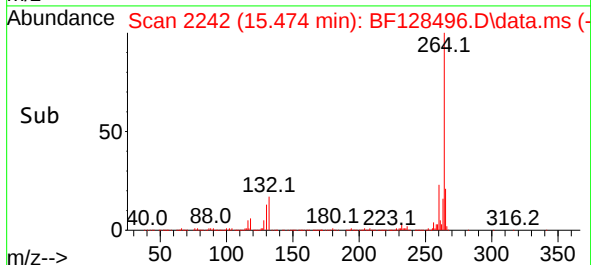
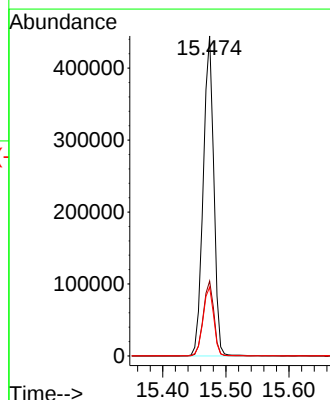
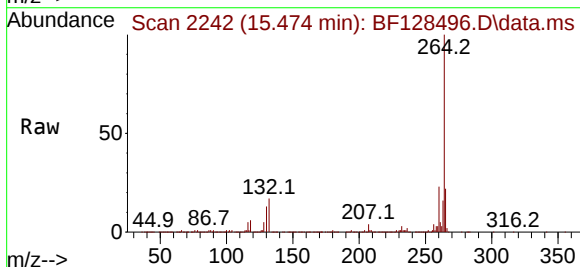
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

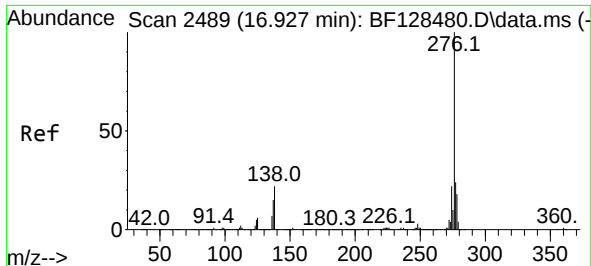
Tgt Ion:149 Resp: 2040532  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.4 9.2 13.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.474 min Scan# 2242  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:264 Resp: 518287  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.4 27.6  
265 21.5 17.2 25.8

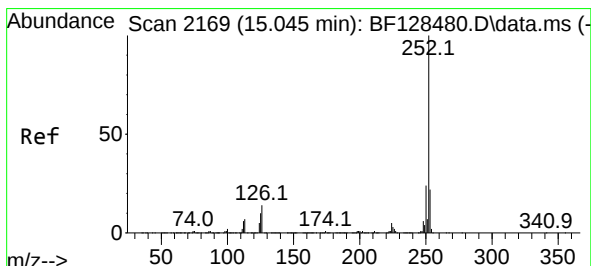
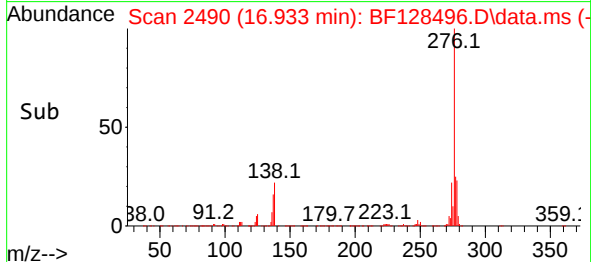
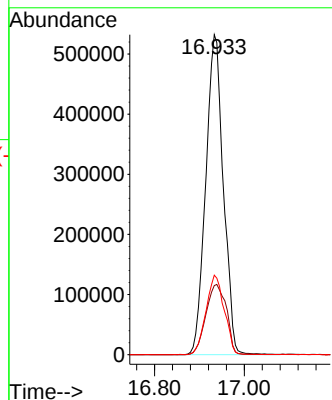
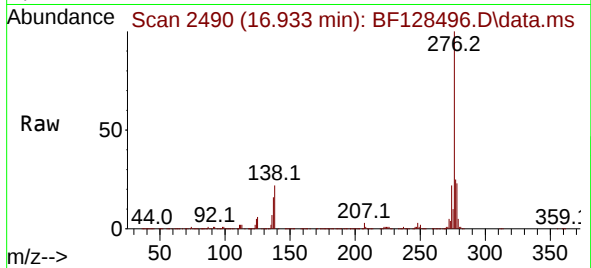




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.462 ng  
RT: 16.933 min Scan# 2489  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

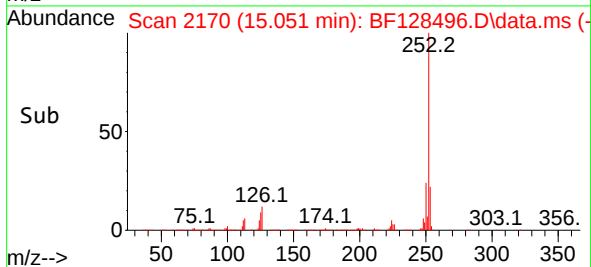
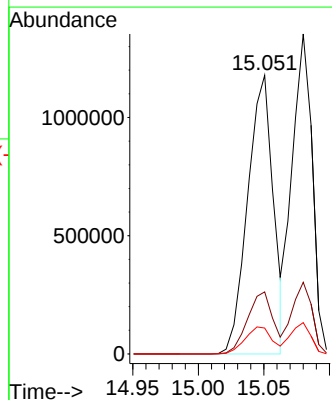
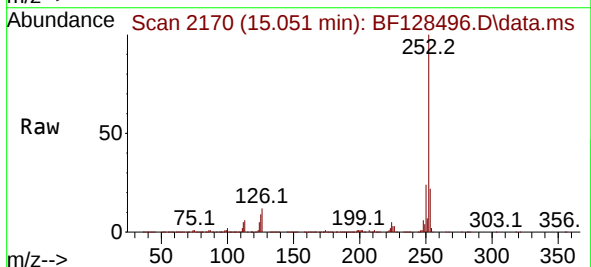
Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

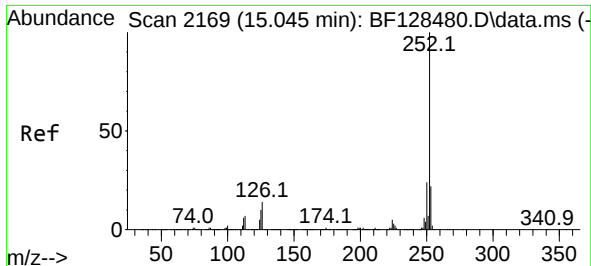
Tgt Ion:276 Resp: 1450854  
Ion Ratio Lower Upper  
276 100  
138 25.6 21.1 31.7  
277 25.9 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 49.540 ng  
RT: 15.051 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:252 Resp: 1597246  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 9.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 48.645 ng

RT: 15.080 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

Instrument :

BNA\_F

ClientSampleId :

PB145123BS

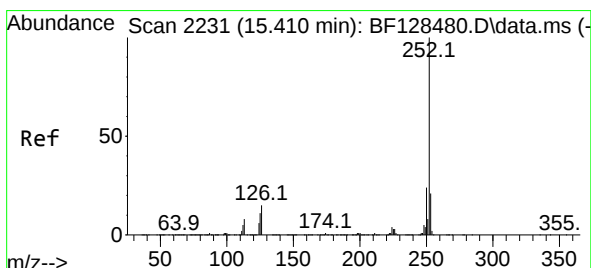
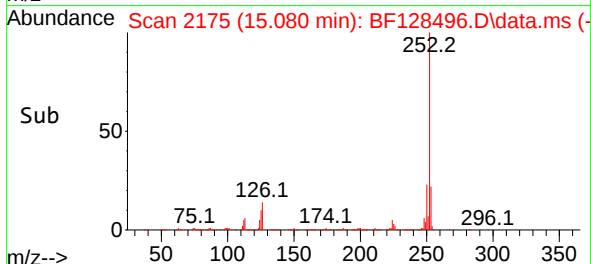
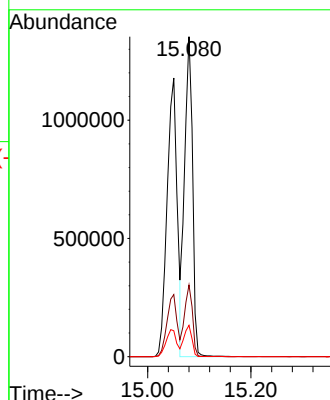
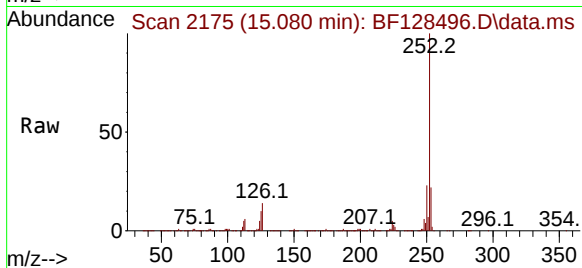
Tgt Ion:252 Resp: 1453118

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.8 8.3 12.5



#90

Benzo(a)pyrene

Concen: 55.140 ng

RT: 15.415 min Scan# 2232

Delta R.T. 0.006 min

Lab File: BF128496.D

Acq: 27 May 2022 02:51

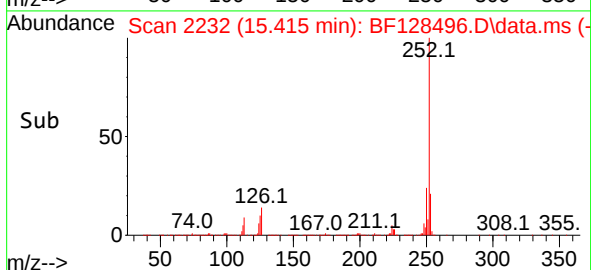
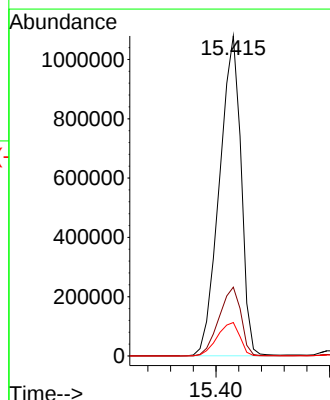
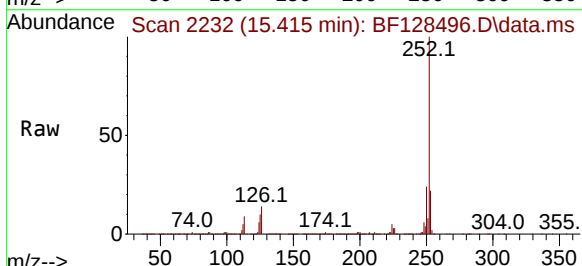
Tgt Ion:252 Resp: 1426327

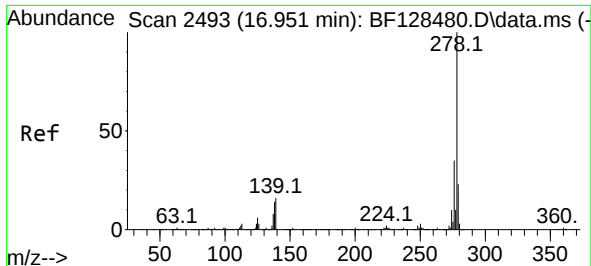
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 10.5 8.8 13.2

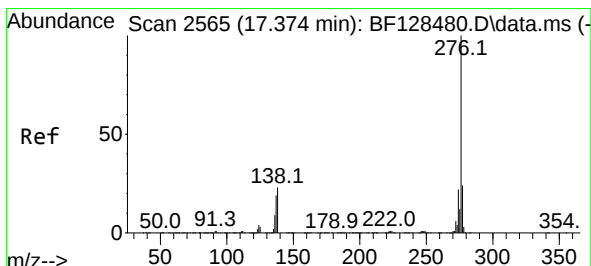
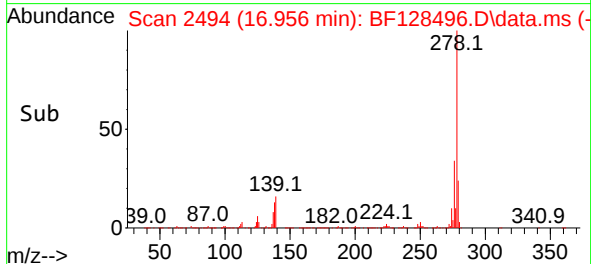
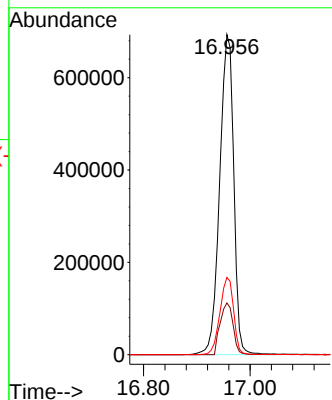
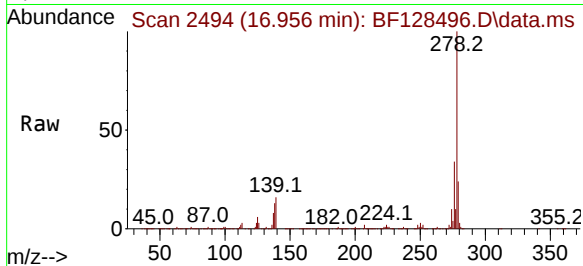




#91  
Dibenzo(a,h)anthracene  
Concen: 50.132 ng  
RT: 16.956 min Scan# 2493  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB145123BS

Tgt Ion:278 Resp: 1270649  
Ion Ratio Lower Upper  
278 100  
139 16.2 12.8 19.2  
279 24.2 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 50.024 ng  
RT: 17.380 min Scan# 2566  
Delta R.T. 0.006 min  
Lab File: BF128496.D  
Acq: 27 May 2022 02:51

Tgt Ion:276 Resp: 1257606  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.1 28.7  
138 22.2 18.0 27.0

