

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
 Data File : BF126945.D  
 Acq On : 18 Feb 2022 11:18  
 Operator : CG\JU  
 Sample : PB142765BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142765BS

Quant Time: Feb 18 16:14:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 14:55:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.934  | 152  | 101777   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.216  | 136  | 413189   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.975  | 164  | 208088   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.463 | 188  | 378555   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.110 | 240  | 246919   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.615 | 264  | 180805   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 584682   | 88.789  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.557  | 99   | 759383   | 85.462  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.498  | 82   | 773462   | 84.494  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.769 | 330  | 222193   | 92.741  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.292  | 172  | 1203881  | 85.171  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.051 | 244  | 1426553  | 84.930  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.822  | 88   | 104504   | 34.681  | ng    | 97       |
| 3) Pyridine                   | 3.581  | 79   | 236132   | 29.876  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.551  | 42   | 171693   | 44.346  | ng    | # 71     |
| 6) Aniline                    | 6.598  | 93   | 466580   | 44.318  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.716  | 128  | 327494   | 46.351  | ng    | 98       |
| 9) Benzaldehyde               | 6.487  | 77   | 252260   | 46.639  | ng    | 98       |
| 10) Phenol                    | 6.569  | 94   | 409572   | 45.618  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.669  | 93   | 316725   | 44.977  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.875  | 146  | 335540   | 44.024  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.951  | 146  | 344642   | 44.603  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.104  | 146  | 326975   | 44.374  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.075  | 79   | 321078   | 42.892  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.204  | 45   | 481841   | 43.453  | ng    | 96       |
| 17) 2-Methylphenol            | 7.181  | 107  | 273449   | 44.733  | ng    | 94       |
| 18) Hexachloroethane          | 7.445  | 117  | 133368   | 45.030  | ng    | # 89     |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 254503   | 44.450  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.334  | 107  | 347515   | 43.779  | ng    | 89       |
| 22) Acetophenone              | 7.345  | 105  | 488465   | 44.900  | ng    | # 95     |
| 24) Nitrobenzene              | 7.516  | 77   | 387203   | 44.776  | ng    | 95       |
| 25) Isophorone                | 7.757  | 82   | 666274   | 43.986  | ng    | # 96     |
| 26) 2-Nitrophenol             | 7.833  | 139  | 169223   | 45.961  | ng    | # 81     |
| 27) 2,4-Dimethylphenol        | 7.863  | 122  | 296496   | 49.019  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 7.963  | 93   | 390158   | 42.486  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.069  | 162  | 252468   | 44.397  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.157  | 180  | 275428   | 43.323  | ng    | 98       |
| 31) Naphthalene               | 8.239  | 128  | 950869   | 44.085  | ng    | 99       |
| 32) Benzoic acid              | 7.992  | 122  | 177331   | 41.340  | ng    | 84       |
| 33) 4-Chloroaniline           | 8.286  | 127  | 305819   | 36.022  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.351  | 225  | 163055   | 43.931  | ng    | 99       |
| 35) Caprolactam               | 8.663  | 113  | 50914    | 25.639  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.763  | 107  | 328308   | 45.174  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 8.928  | 142  | 636479   | 45.476  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 9.028  | 142  | 589048   | 43.951  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.092  | 216  | 254876   | 46.530  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.080  | 237  | 331202   | 111.484 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.204  | 196  | 178123   | 44.337  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 14:55:48 2022  
 Response via : Initial Calibration

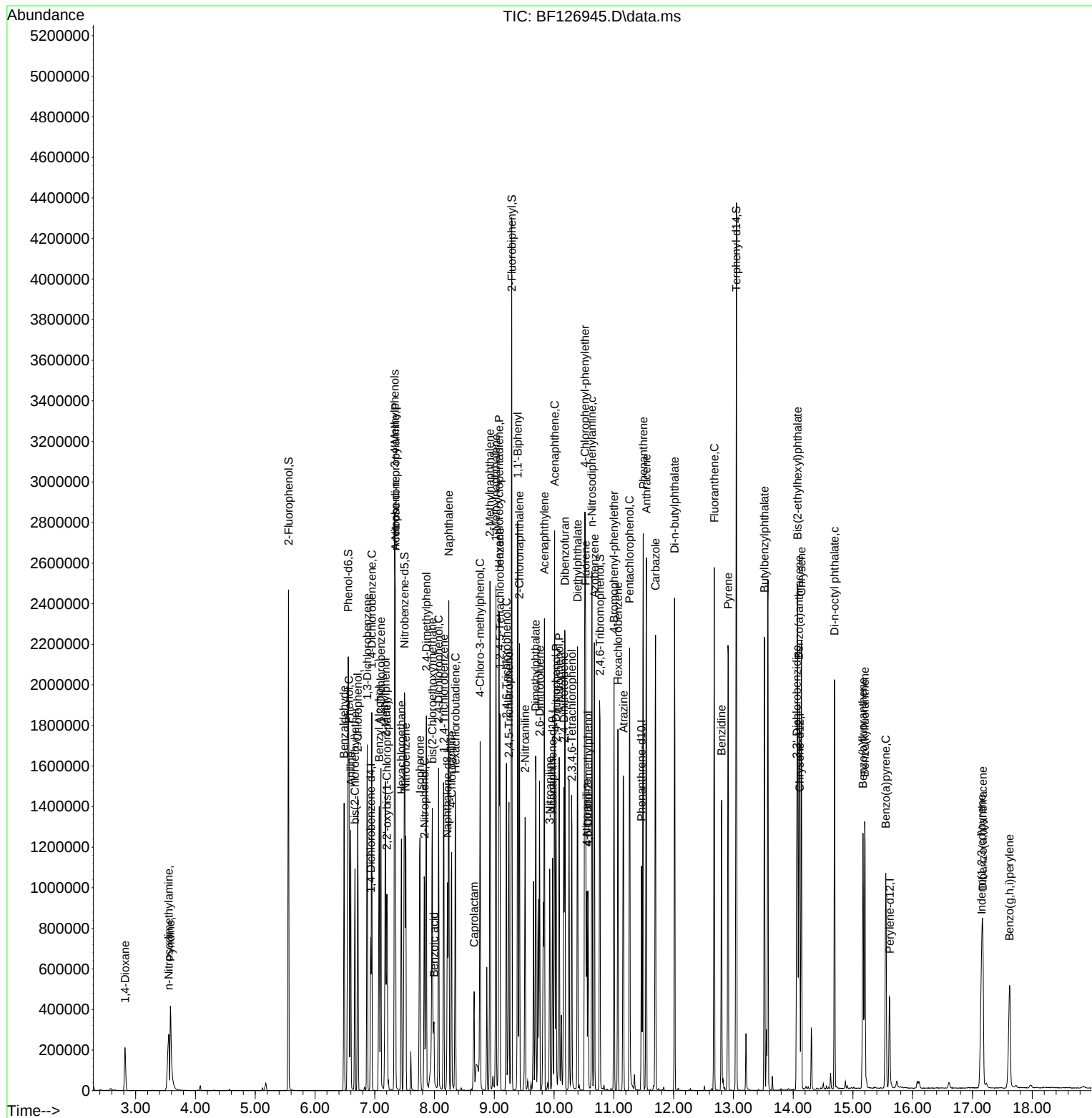
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.245  | 196  | 188226   | 44.523 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.392  | 154  | 757394   | 45.940 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.422  | 162  | 543022   | 44.416 | ng    | 94       |
| 48) 2-Nitroaniline            | 9.516  | 65   | 222667   | 46.154 | ng    | 98       |
| 49) Acenaphthylene            | 9.839  | 152  | 903545   | 45.498 | ng    | 98       |
| 50) Dimethylphthalate         | 9.692  | 163  | 664193   | 44.655 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.757  | 165  | 147252   | 48.660 | ng    | # 79     |
| 52) Acenaphthene              | 10.010 | 154  | 556628   | 43.098 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.927  | 138  | 147180   | 39.788 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 10.033 | 184  | 150174   | 93.758 | ng    | # 86     |
| 55) Dibenzofuran              | 10.180 | 168  | 778306   | 43.825 | ng    | # 89     |
| 56) 4-Nitrophenol             | 10.086 | 139  | 253210   | 92.680 | ng    | # 75     |
| 57) 2,4-Dinitrotoluene        | 10.163 | 165  | 197973   | 48.385 | ng    | # 94     |
| 58) Fluorene                  | 10.527 | 166  | 623886   | 45.099 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.298 | 232  | 155014   | 46.250 | ng    | 96       |
| 60) Diethylphthalate          | 10.392 | 149  | 699819   | 45.028 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.516 | 204  | 287399   | 44.059 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.551 | 138  | 163931   | 44.878 | ng    | # 81     |
| 63) Azobenzene                | 10.675 | 77   | 754926   | 43.622 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 93200    | 41.902 | ng    | 81       |
| 66) n-Nitrosodiphenylamine    | 10.633 | 169  | 548846   | 44.215 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 11.004 | 248  | 185289   | 43.808 | ng    | 89       |
| 68) Hexachlorobenzene         | 11.069 | 284  | 207337   | 45.535 | ng    | 95       |
| 69) Atrazine                  | 11.163 | 200  | 182888   | 47.504 | ng    | 96       |
| 70) Pentachlorophenol         | 11.263 | 266  | 224373   | 90.270 | ng    | 98       |
| 71) Phenanthrene              | 11.492 | 178  | 943330   | 44.521 | ng    | 99       |
| 72) Anthracene                | 11.545 | 178  | 965236   | 45.760 | ng    | 100      |
| 73) Carbazole                 | 11.698 | 167  | 833554   | 43.092 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.016 | 149  | 1092022  | 43.913 | ng    | 98       |
| 75) Fluoranthene              | 12.680 | 202  | 927352   | 46.094 | ng    | 95       |
| 77) Benzidine                 | 12.804 | 184  | 512159   | 76.326 | ng    | 97       |
| 78) Pyrene                    | 12.916 | 202  | 928904   | 43.302 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.521 | 149  | 437610   | 43.090 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.098 | 228  | 728848   | 43.784 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.063 | 252  | 211131   | 40.245 | ng    | # 97     |
| 83) Chrysene                  | 14.139 | 228  | 698290   | 44.609 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.074 | 149  | 575809   | 43.186 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.692 | 149  | 856820   | 44.633 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.151 | 276  | 539741   | 45.526 | ng    | # 86     |
| 88) Benzo(b)fluoranthene      | 15.168 | 252  | 626216   | 51.568 | ng    | # 94     |
| 89) Benzo(k)fluoranthene      | 15.198 | 252  | 540003   | 46.104 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.551 | 252  | 533919   | 56.289 | ng    | # 94     |
| 91) Dibenzo(a,h)anthracene    | 17.174 | 278  | 460384   | 46.953 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 17.621 | 276  | 453470   | 46.911 | ng    | # 87     |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 16 14:55:48 2022  
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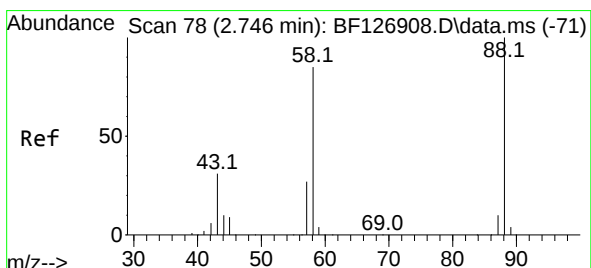
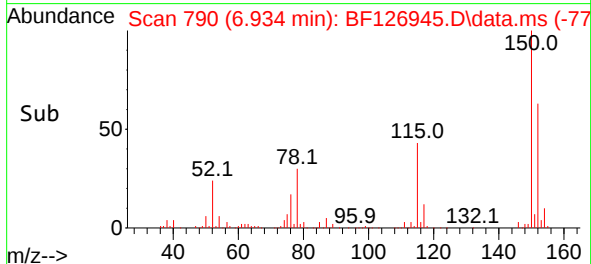
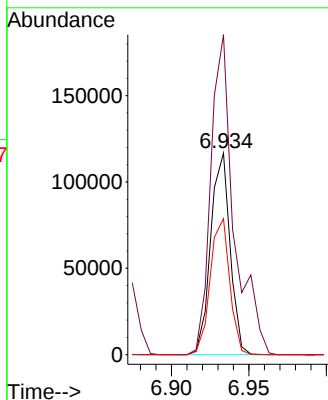
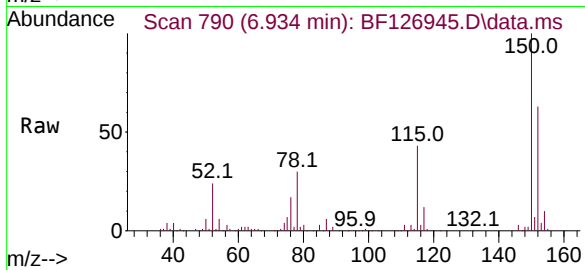




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.934 min Scan# 79  
 Delta R.T. 0.001 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

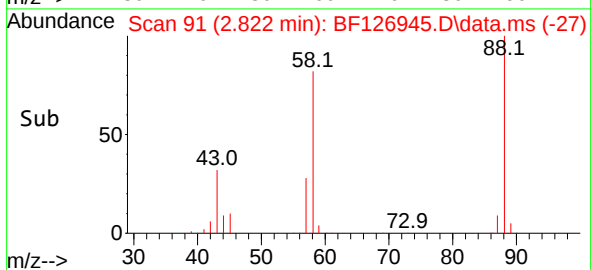
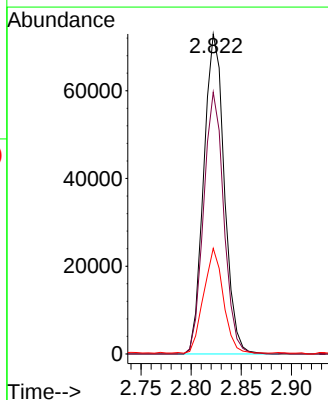
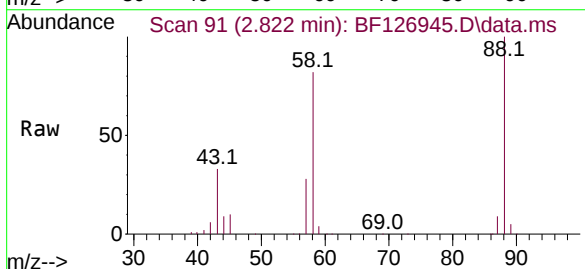
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142765BS

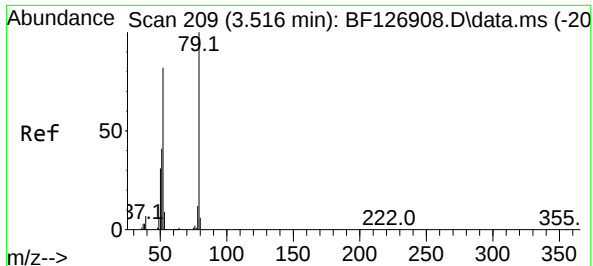
Tgt Ion:152 Resp: 101777  
 Ion Ratio Lower Upper  
 152 100  
 150 158.8 128.1 192.1  
 115 67.5 56.7 85.1



#2  
 1,4-Dioxane  
 Concen: 34.681 ng  
 RT: 2.822 min Scan# 91  
 Delta R.T. 0.077 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

Tgt Ion: 88 Resp: 104504  
 Ion Ratio Lower Upper  
 88 100  
 58 80.1 62.8 94.2  
 43 31.3 22.3 33.5

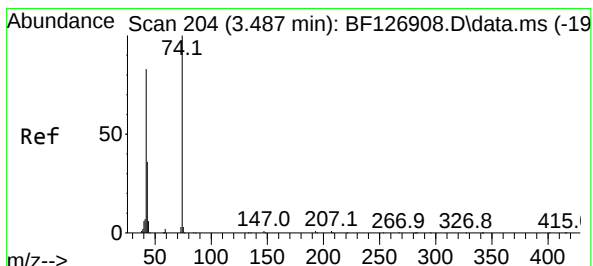
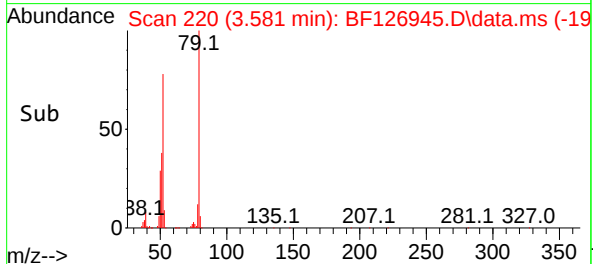
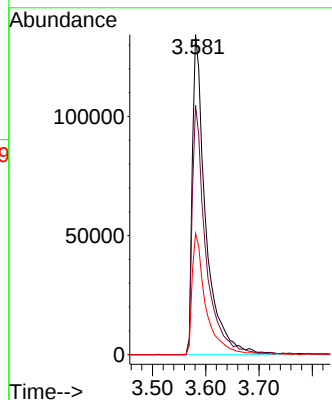
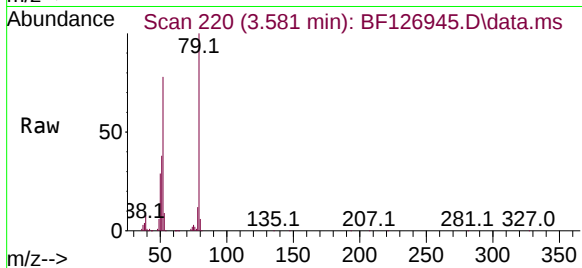




#3  
Pyridine  
Concen: 29.876 ng  
RT: 3.581 min Scan# 210  
Delta R.T. 0.065 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

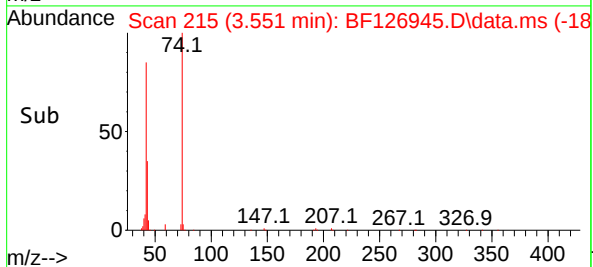
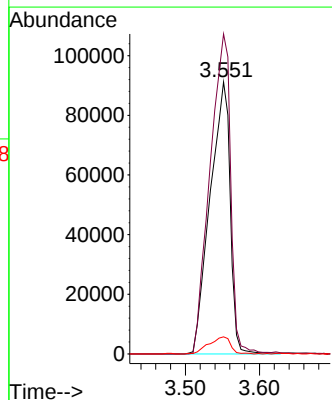
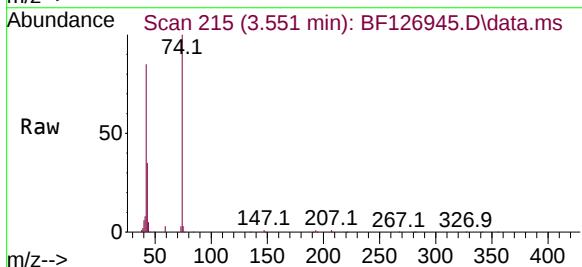
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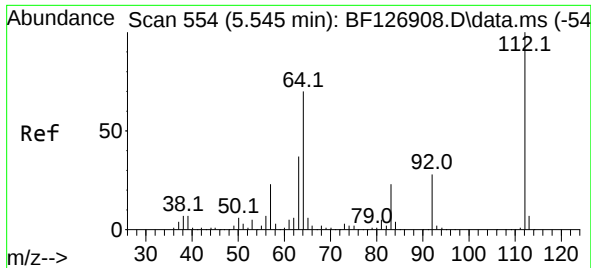
Tgt Ion: 79 Resp: 236132  
Ion Ratio Lower Upper  
79 100  
52 78.0 56.2 84.4  
51 37.9 26.7 40.1



#4  
n-Nitrosodimethylamine  
Concen: 44.346 ng  
RT: 3.551 min Scan# 215  
Delta R.T. 0.065 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion: 42 Resp: 171693  
Ion Ratio Lower Upper  
42 100  
74 117.6 125.6 188.4#  
44 6.3 5.7 8.5

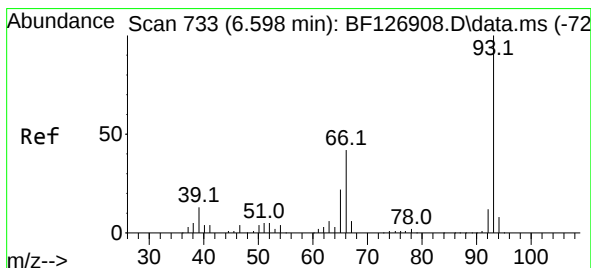
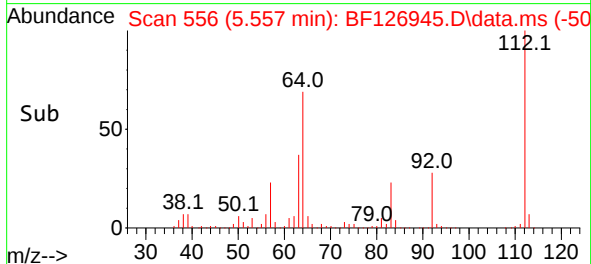
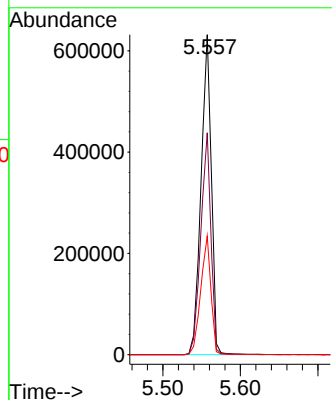
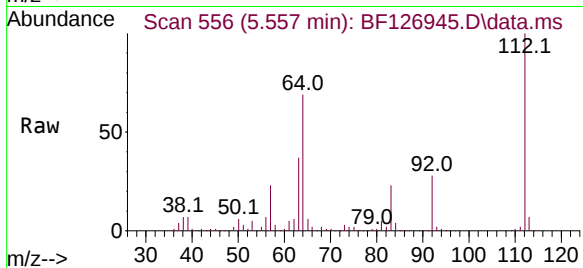




#5  
2-Fluorophenol  
Concen: 88.789 ng  
RT: 5.557 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

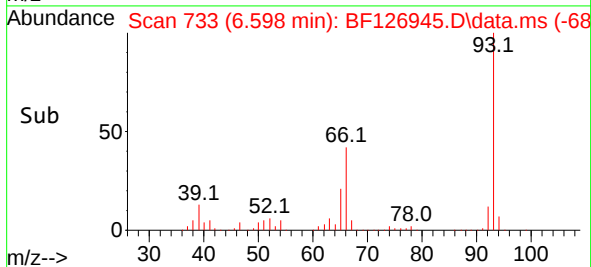
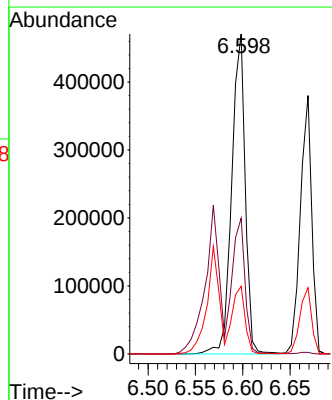
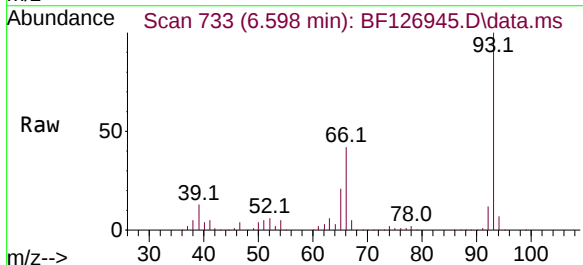
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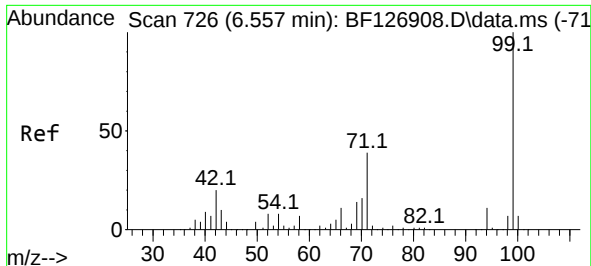
Tgt Ion:112 Resp: 584682  
Ion Ratio Lower Upper  
112 100  
64 69.4 49.5 74.3  
63 37.1 23.9 35.9#



#6  
Aniline  
Concen: 44.318 ng  
RT: 6.598 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion: 93 Resp: 466580  
Ion Ratio Lower Upper  
93 100  
66 42.4 32.2 48.4  
65 21.2 16.3 24.5

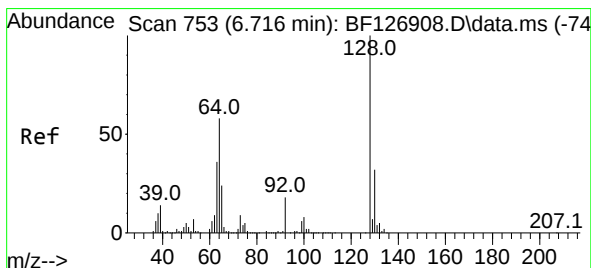
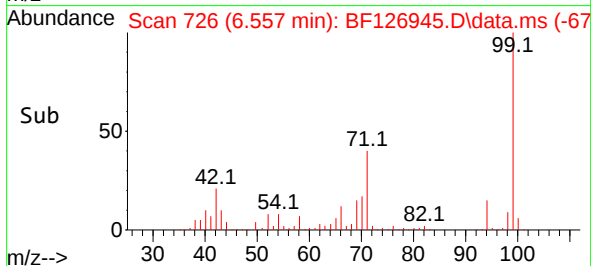
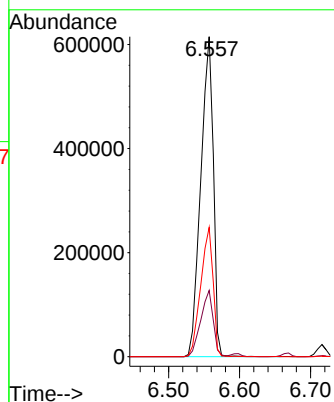
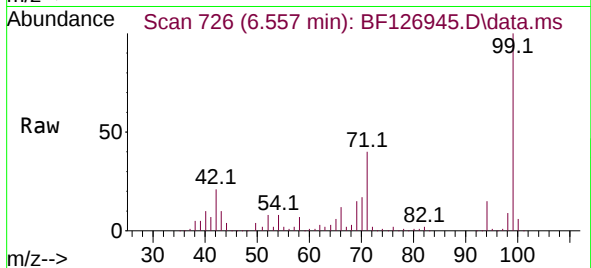




#7  
Phenol-d6  
Concen: 85.462 ng  
RT: 6.557 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

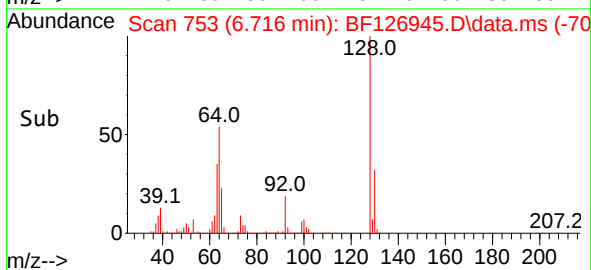
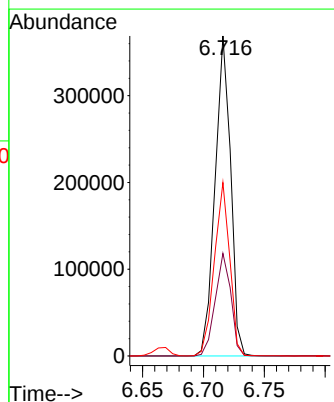
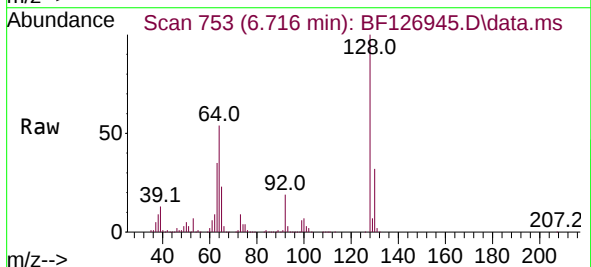
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Tgt Ion: 99 Resp: 759383  
Ion Ratio Lower Upper  
99 100  
42 20.7 14.2 21.4  
71 40.4 24.3 36.5#



#8  
2-Chlorophenol  
Concen: 46.351 ng  
RT: 6.716 min Scan# 753  
Delta R.T. 0.000 min  
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Tgt Ion:128 Resp: 327494  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.7 52.7  
64 54.2 35.6 75.6

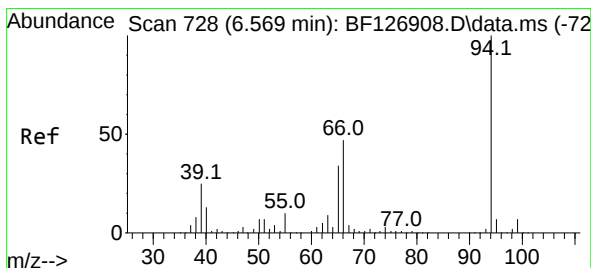
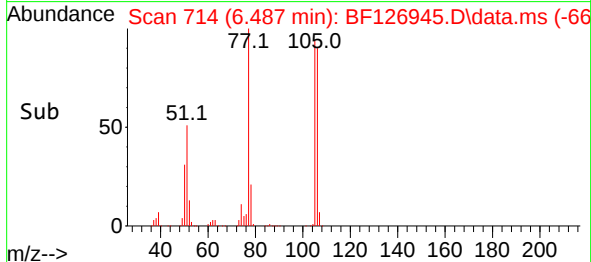
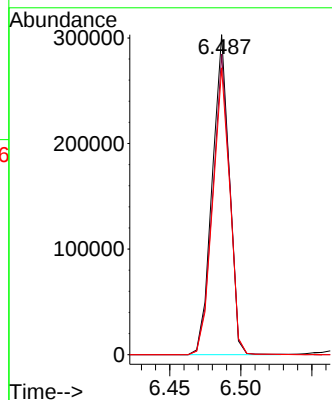
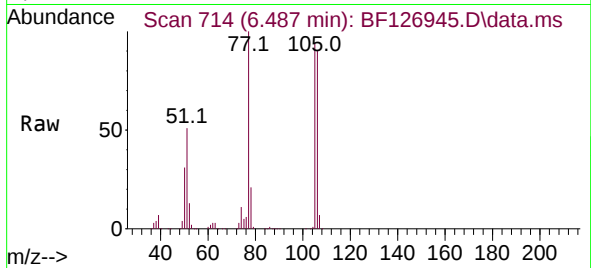




#9  
Benzaldehyde  
Concen: 46.639 ng  
RT: 6.487 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

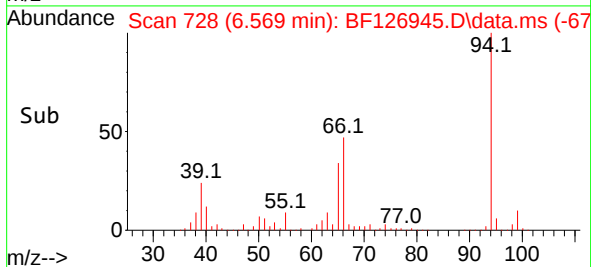
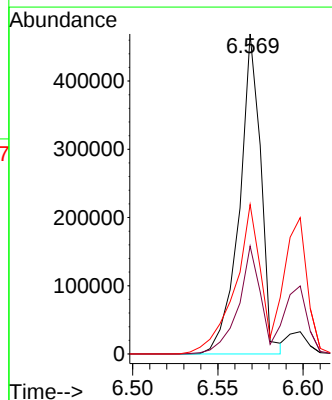
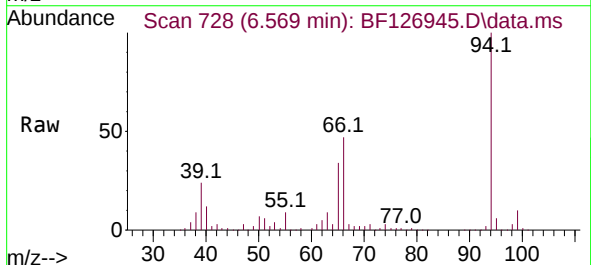
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

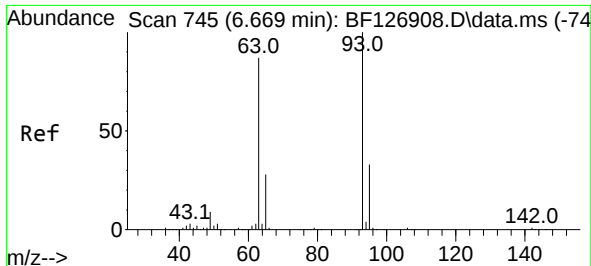
Tgt Ion: 77 Resp: 252260  
Ion Ratio Lower Upper  
77 100  
105 93.9 74.9 114.9  
106 89.7 72.4 112.4



#10  
Phenol  
Concen: 45.618 ng  
RT: 6.569 min Scan# 728  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion: 94 Resp: 409572  
Ion Ratio Lower Upper  
94 100  
65 33.7 7.2 47.2  
66 46.7 14.5 54.5

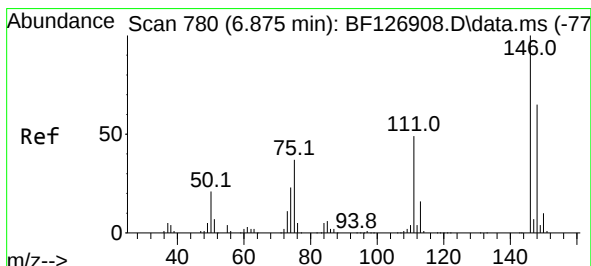
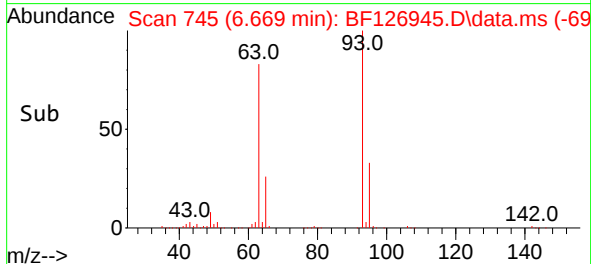
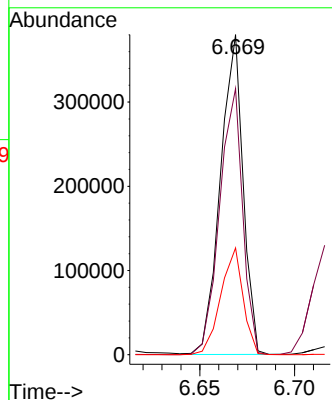
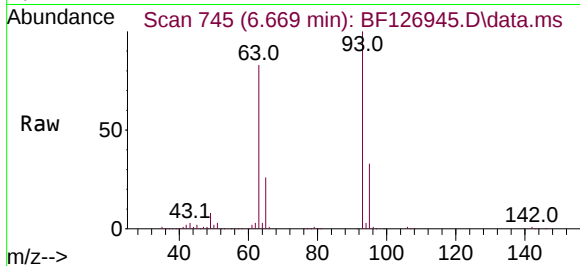




#11  
bis(2-Chloroethyl)ether  
Concen: 44.977 ng  
RT: 6.669 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

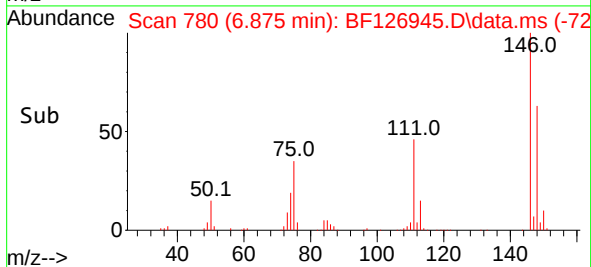
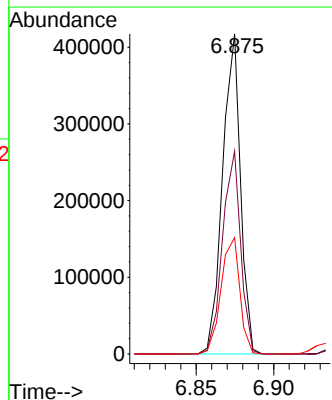
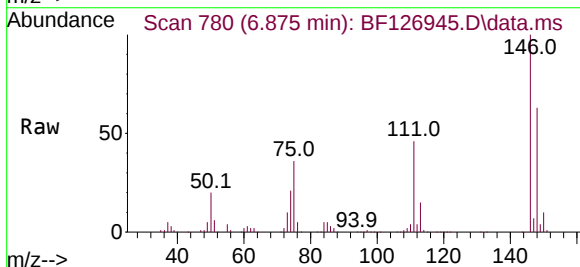
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

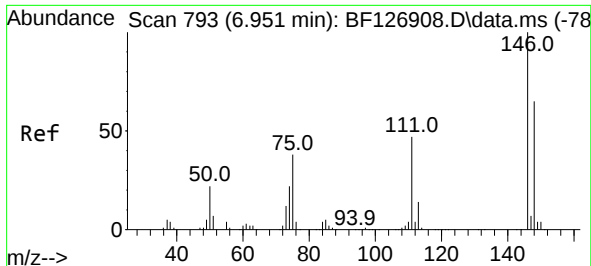
Tgt Ion: 93 Resp: 316725  
Ion Ratio Lower Upper  
93 100  
63 83.1 60.5 100.5  
95 33.3 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 44.024 ng  
RT: 6.875 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion: 146 Resp: 335540  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.9 76.3  
75 36.3 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 44.603 ng

RT: 6.951 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

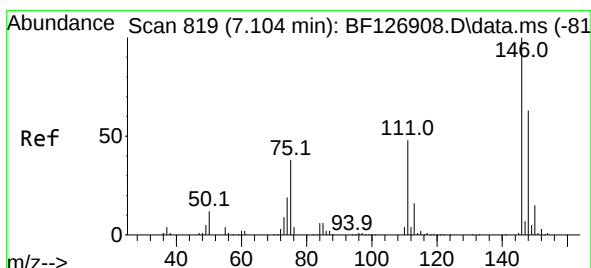
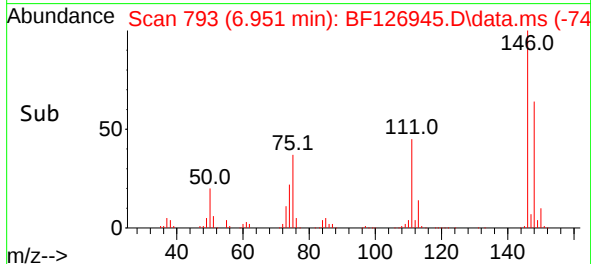
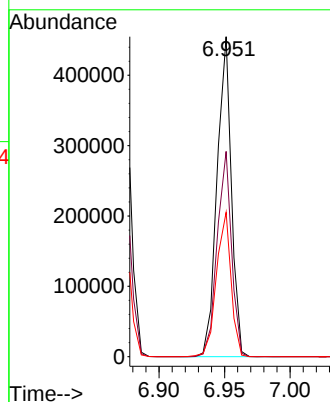
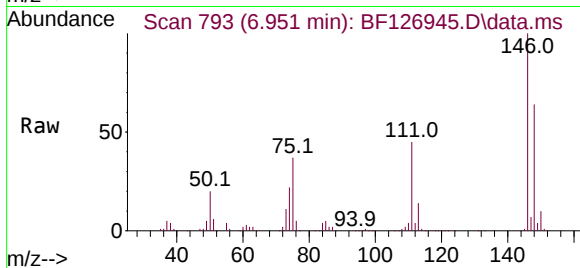
Tgt Ion:146 Resp: 344642

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

111 45.1 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 44.374 ng

RT: 7.104 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

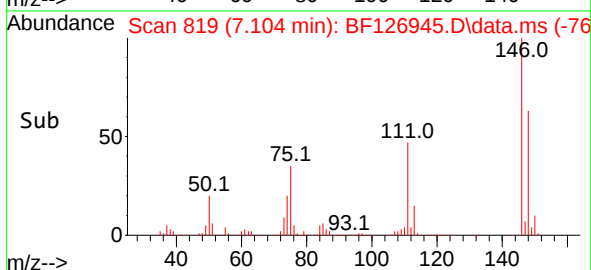
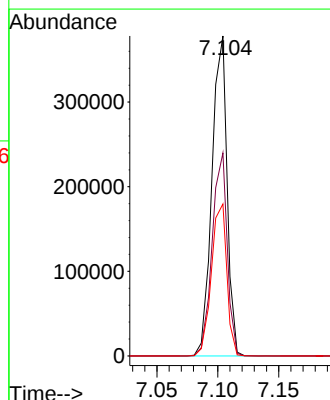
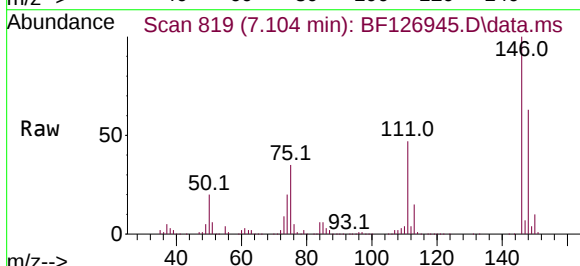
Tgt Ion:146 Resp: 326975

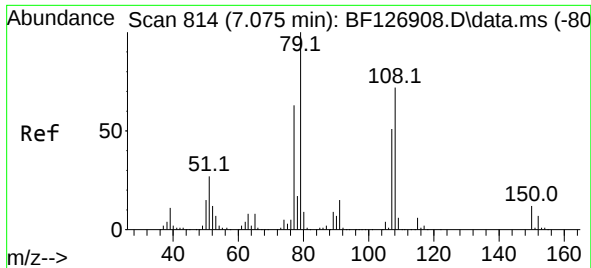
Ion Ratio Lower Upper

146 100

148 63.4 51.6 77.4

111 47.5 40.2 60.2

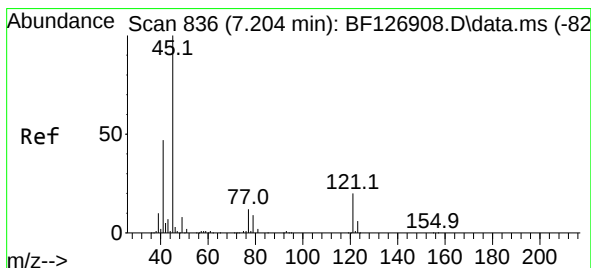
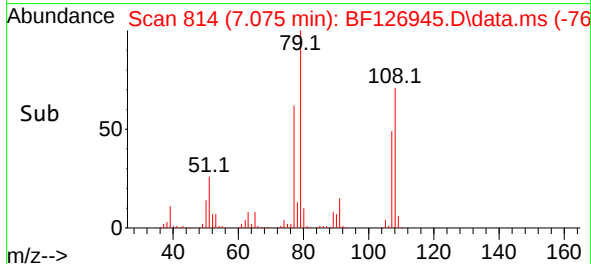
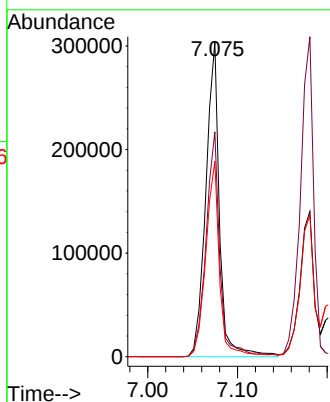
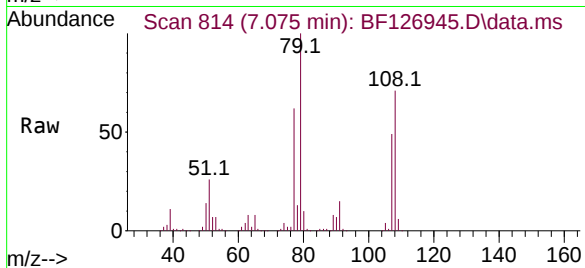




#15  
Benzyl Alcohol  
Concen: 42.892 ng  
RT: 7.075 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

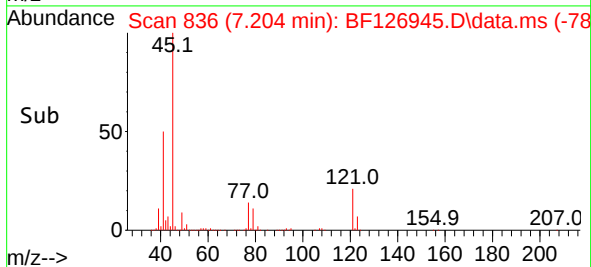
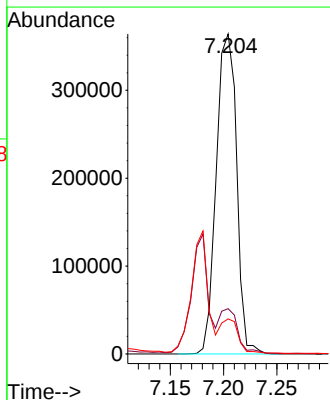
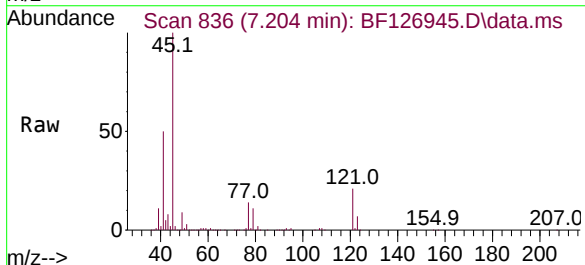
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

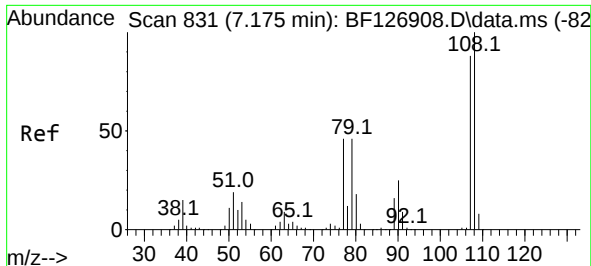
Tgt Ion: 79 Resp: 321078  
Ion Ratio Lower Upper  
79 100  
108 71.4 63.2 94.8  
77 62.1 49.4 74.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.453 ng  
RT: 7.204 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion: 45 Resp: 481841  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 32.4  
79 10.9 0.0 29.8

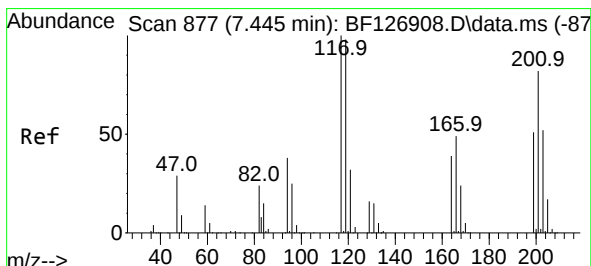
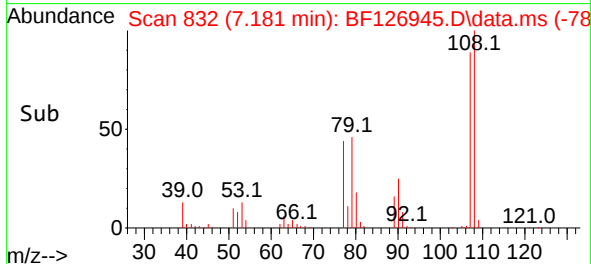
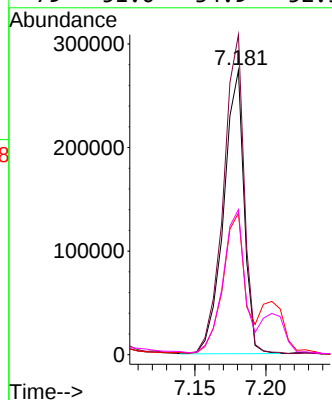
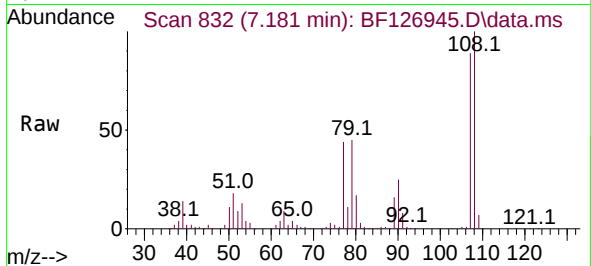




#17  
2-Methylphenol  
Concen: 44.733 ng  
RT: 7.181 min Scan# 831  
Delta R.T. 0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

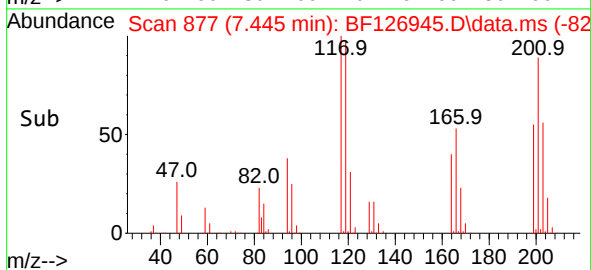
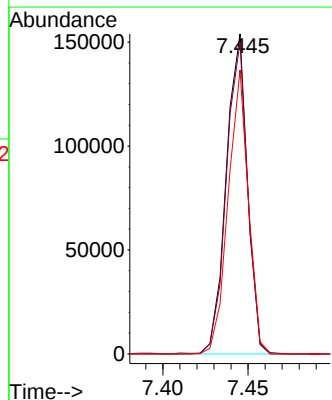
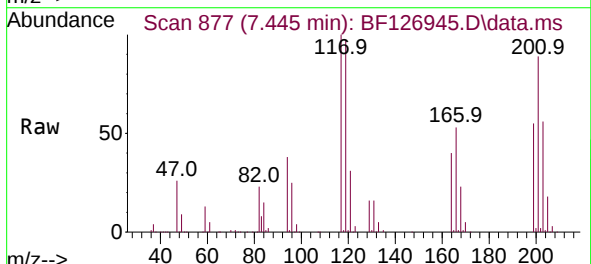
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

Tgt Ion:107 Resp: 273449  
Ion Ratio Lower Upper  
107 100  
108 112.5 93.4 140.0  
77 49.8 36.1 54.1  
79 51.0 34.9 52.3



#18  
Hexachloroethane  
Concen: 45.030 ng  
RT: 7.445 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:117 Resp: 133368  
Ion Ratio Lower Upper  
117 100  
119 97.4 75.4 113.0  
201 88.8 56.8 85.2#

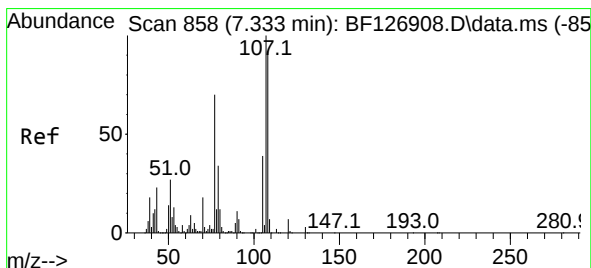
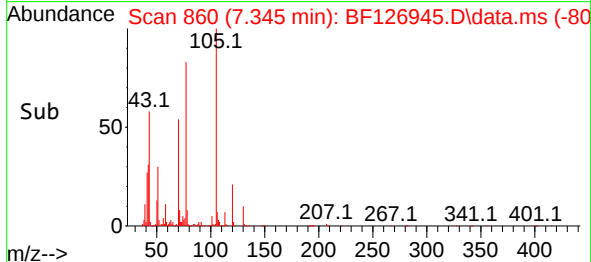
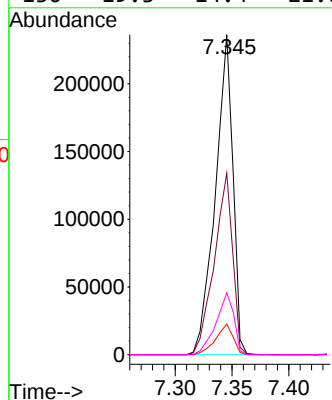
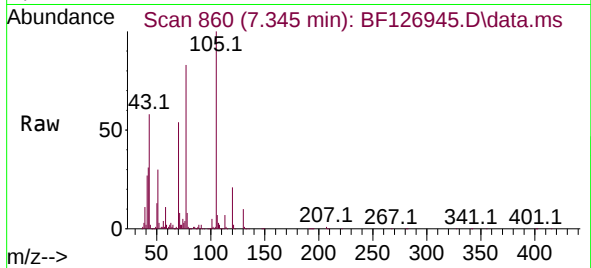




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.450 ng  
RT: 7.345 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

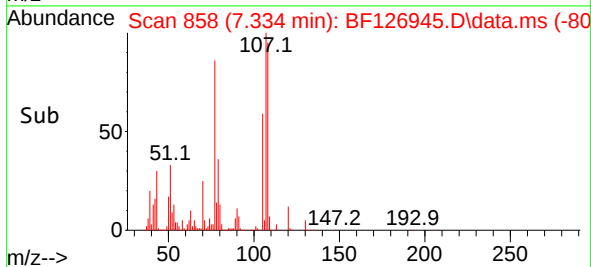
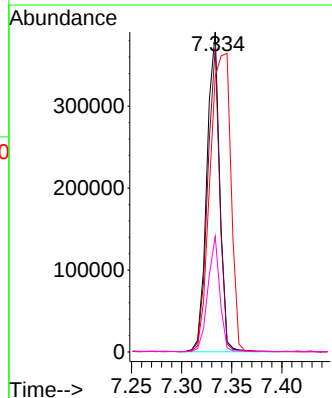
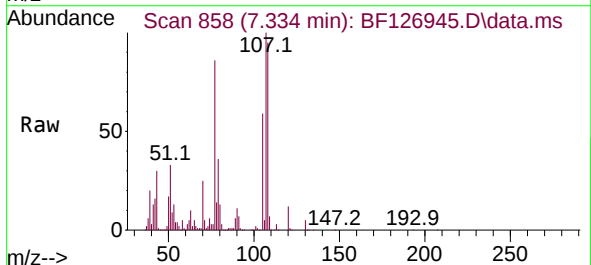
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

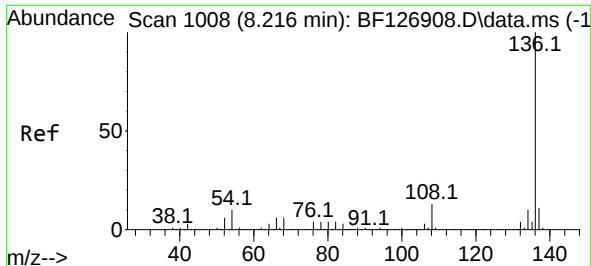
Tgt Ion: 70 Resp: 254503  
Ion Ratio Lower Upper  
70 100  
42 56.7 45.8 68.8  
101 9.6 6.9 10.3  
130 19.3 14.4 21.6



#20  
3+4-Methylphenols  
Concen: 43.779 ng  
RT: 7.334 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

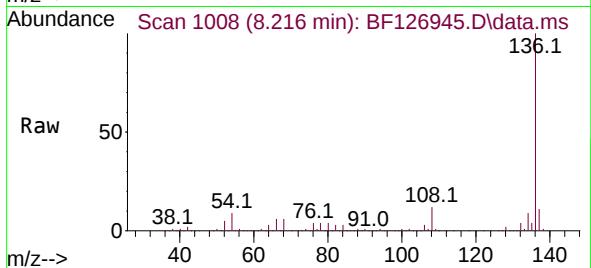
Tgt Ion: 107 Resp: 347515  
Ion Ratio Lower Upper  
107 100  
108 95.2 72.4 112.4  
77 86.2 83.8 123.8  
79 36.1 8.5 48.5



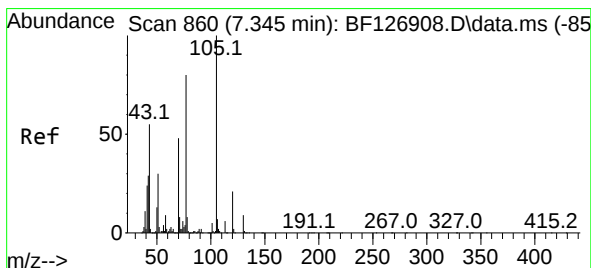
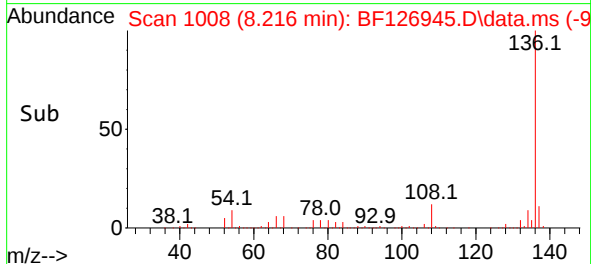
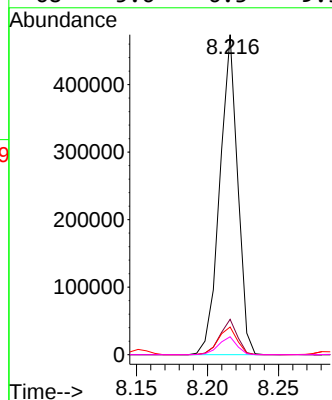


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.216 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

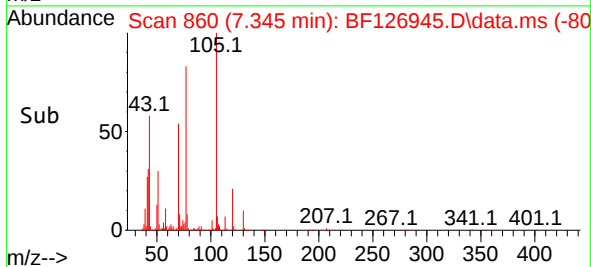
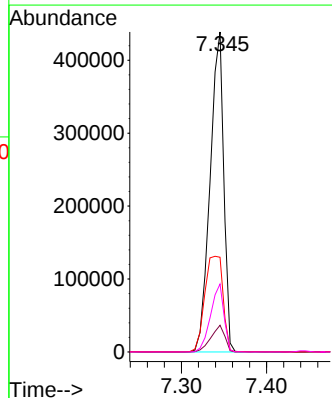
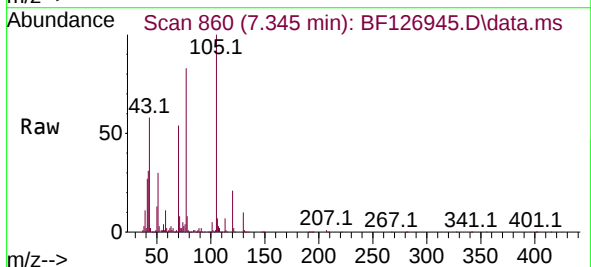


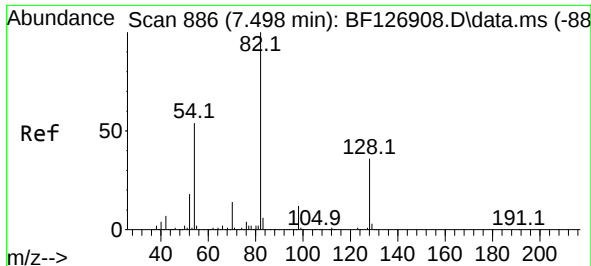
Tgt Ion:136 Resp: 413189  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.7 7.8 11.6  
68 5.6 6.3 9.5#



#22  
Acetophenone  
Concen: 44.900 ng  
RT: 7.345 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:105 Resp: 488465  
Ion Ratio Lower Upper  
105 100  
71 8.4 5.4 8.0#  
51 29.6 27.4 41.0  
120 21.3 17.0 25.6

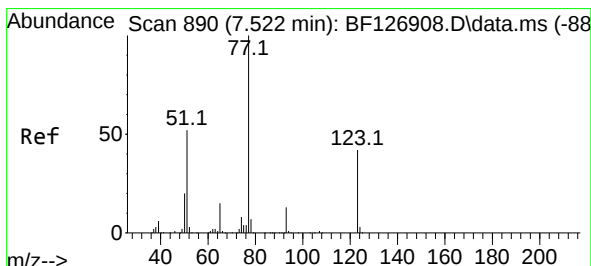
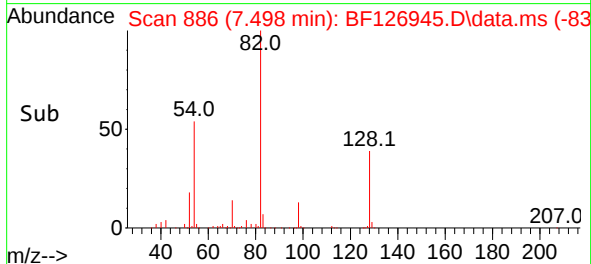
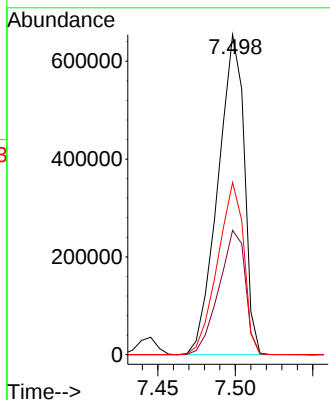
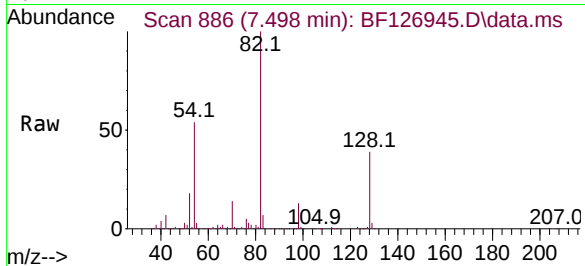




#23  
Nitrobenzene-d5  
Concen: 84.494 ng  
RT: 7.498 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

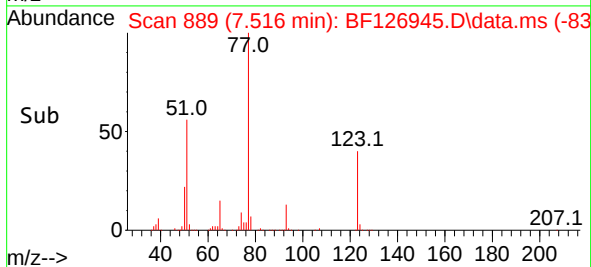
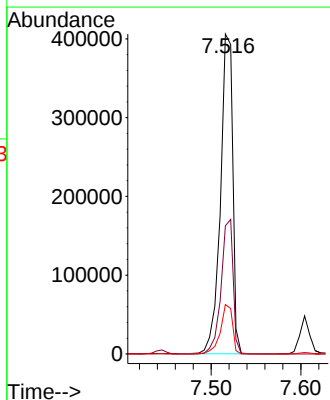
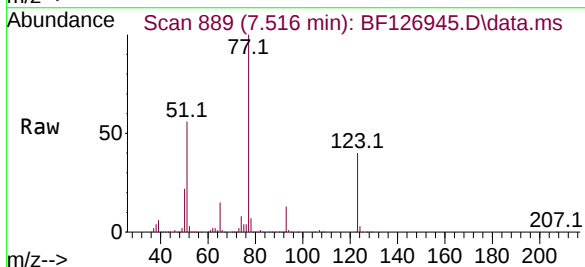
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

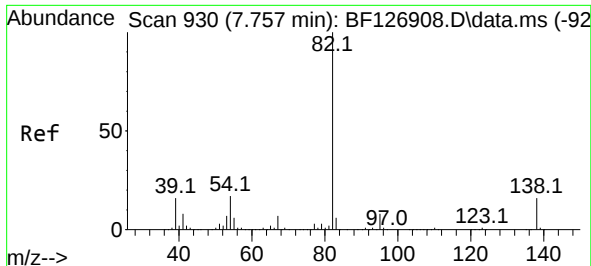
Tgt Ion: 82 Resp: 773462  
Ion Ratio Lower Upper  
82 100  
128 38.8 32.7 49.1  
54 53.8 41.7 62.5



#24  
Nitrobenzene  
Concen: 44.776 ng  
RT: 7.516 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion: 77 Resp: 387203  
Ion Ratio Lower Upper  
77 100  
123 40.1 34.6 52.0  
65 15.4 10.6 15.8

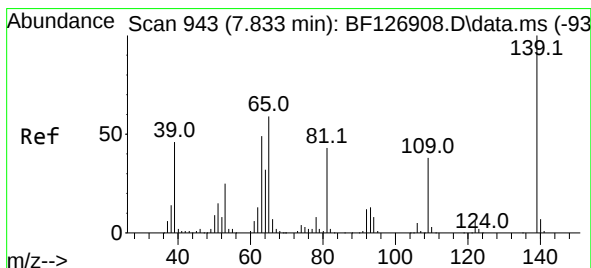
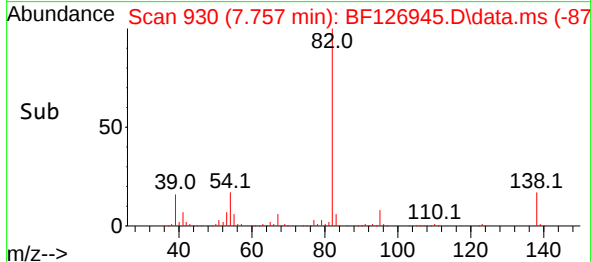
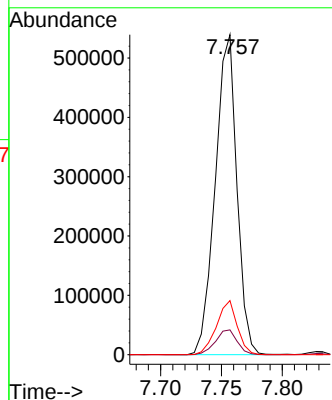
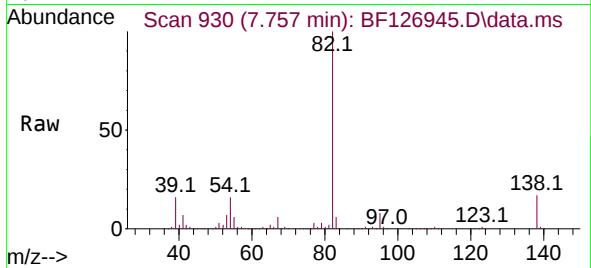




#25  
Isophorone  
Concen: 43.986 ng  
RT: 7.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

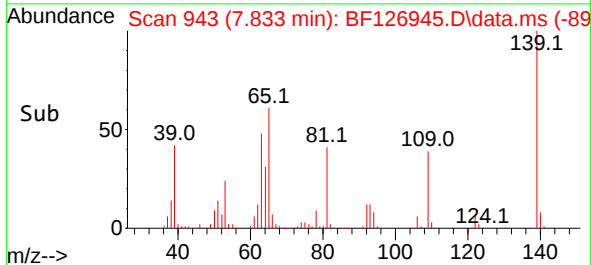
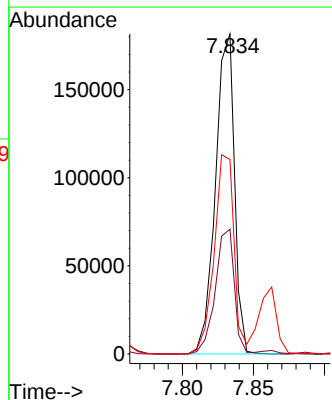
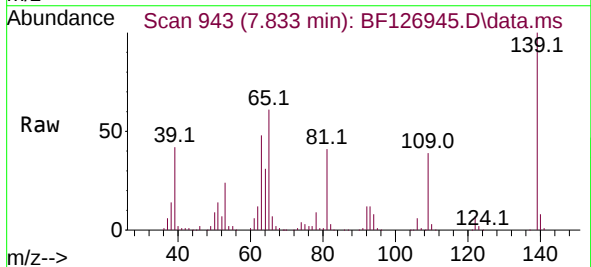
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

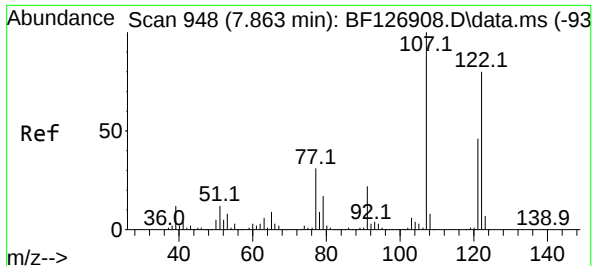
Tgt Ion: 82 Resp: 666274  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.0 7.4#  
138 16.9 12.3 18.5



#26  
2-Nitrophenol  
Concen: 45.961 ng  
RT: 7.833 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion: 139 Resp: 169223  
Ion Ratio Lower Upper  
139 100  
109 39.0 20.0 30.0#  
65 60.7 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 49.019 ng

RT: 7.863 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

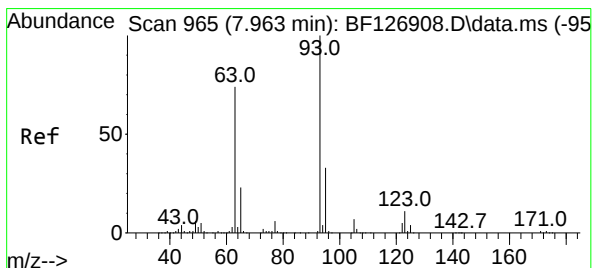
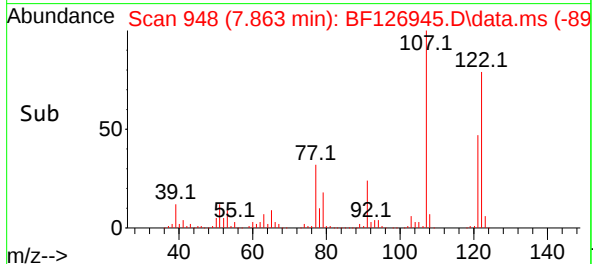
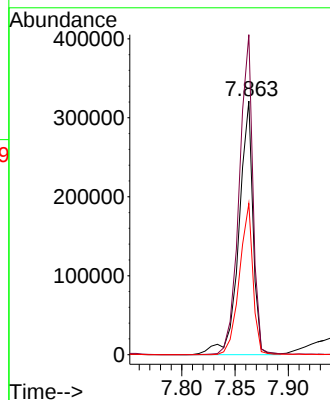
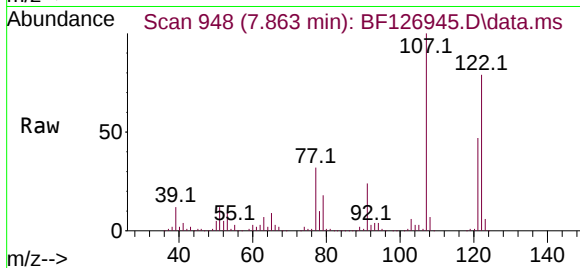
Tgt Ion:122 Resp: 296496

Ion Ratio Lower Upper

122 100

107 126.2 91.2 136.8

121 59.6 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.486 ng

RT: 7.963 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

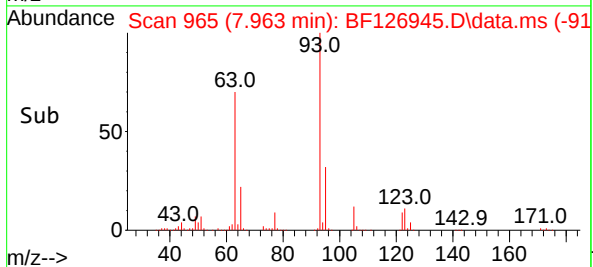
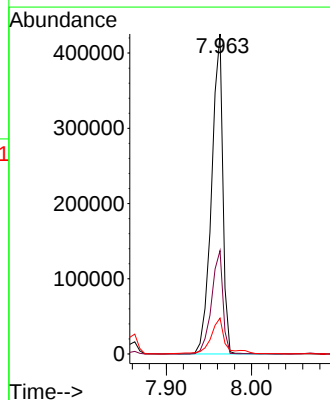
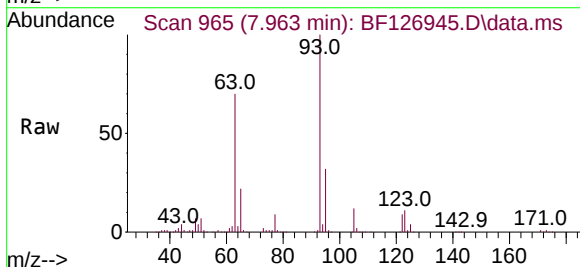
Tgt Ion: 93 Resp: 390158

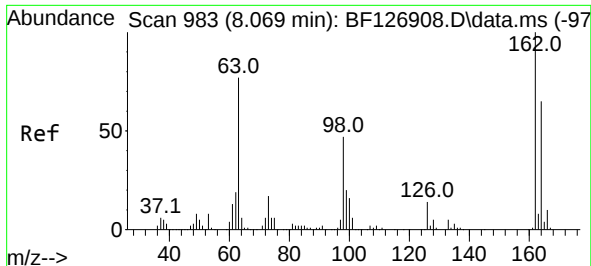
Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.2

123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 44.397 ng

RT: 8.069 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF126945.D

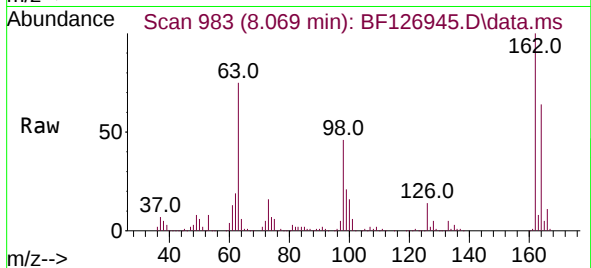
Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS



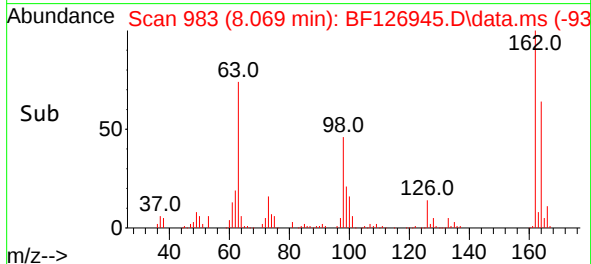
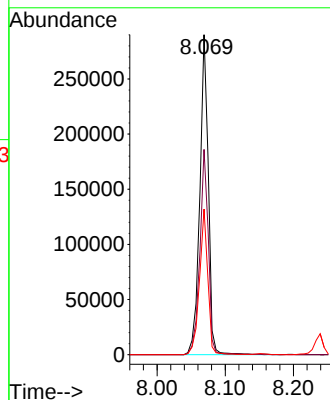
Tgt Ion:162 Resp: 252468

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

98 45.5 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 43.323 ng

RT: 8.157 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

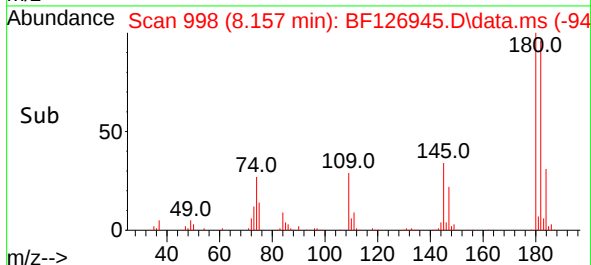
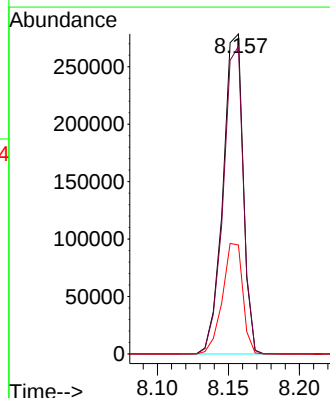
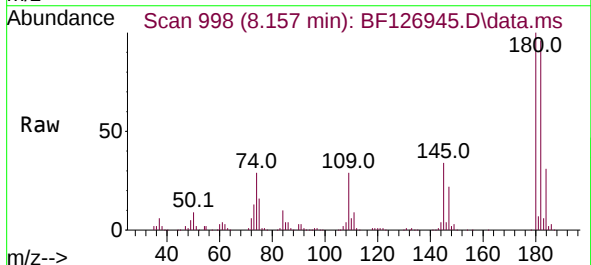
Tgt Ion:180 Resp: 275428

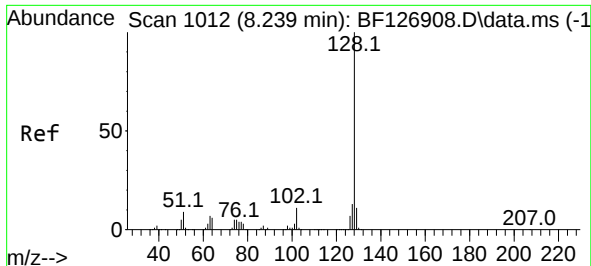
Ion Ratio Lower Upper

180 100

182 96.1 75.5 113.3

145 34.1 26.2 39.2

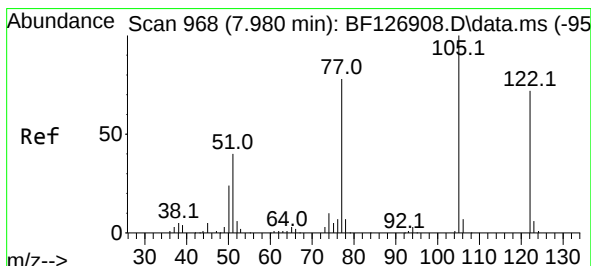
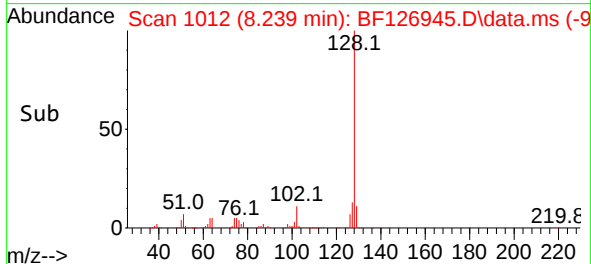
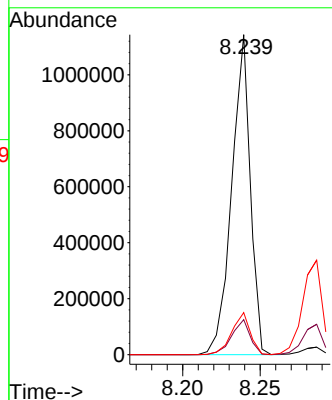
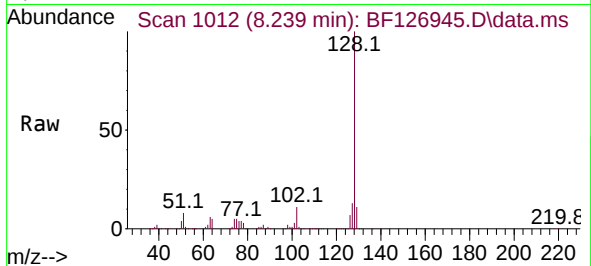




#31  
Naphthalene  
Concen: 44.085 ng  
RT: 8.239 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

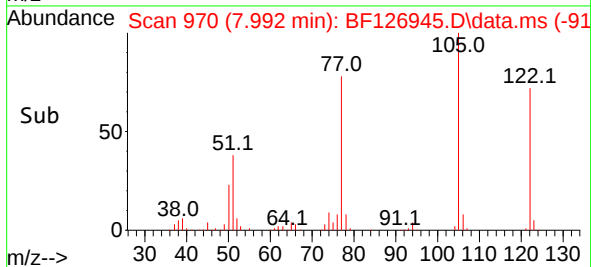
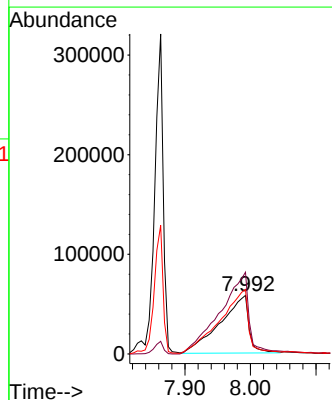
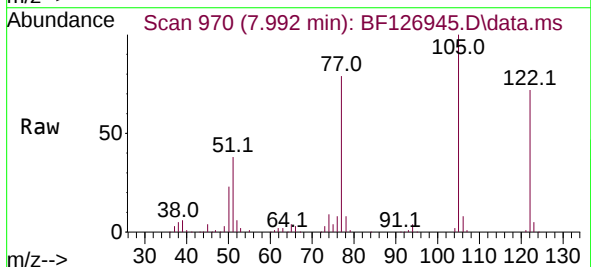
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

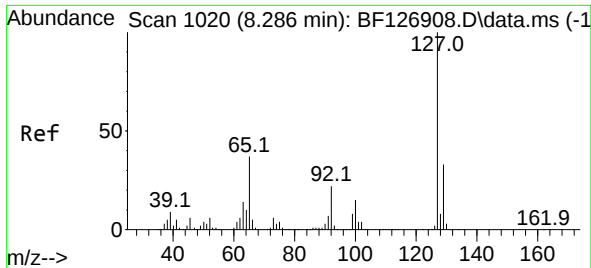
Tgt Ion:128 Resp: 950869  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.1 10.3 15.5



#32  
Benzoic acid  
Concen: 41.340 ng  
RT: 7.992 min Scan# 970  
Delta R.T. 0.012 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:122 Resp: 177331  
Ion Ratio Lower Upper  
122 100  
105 139.5 101.0 141.0  
77 110.1 74.5 114.5

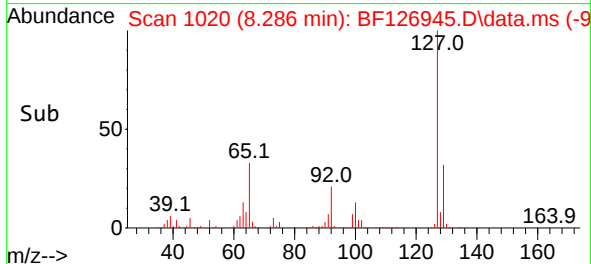
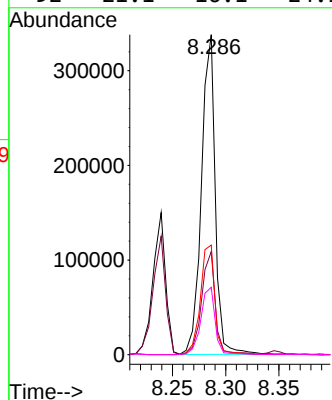
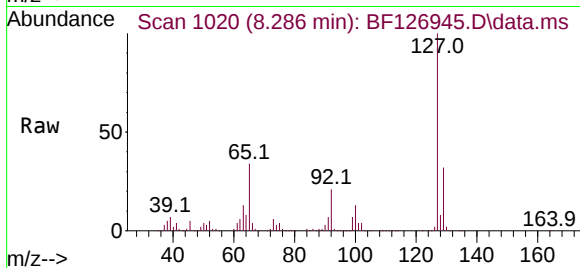




#33  
4-Chloroaniline  
Concen: 36.022 ng  
RT: 8.286 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

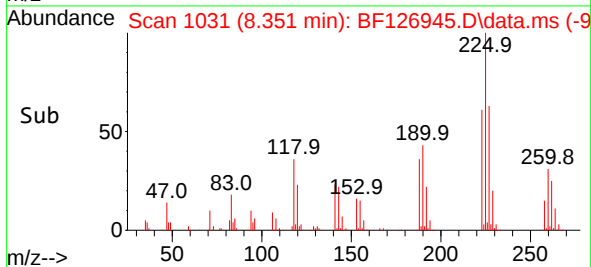
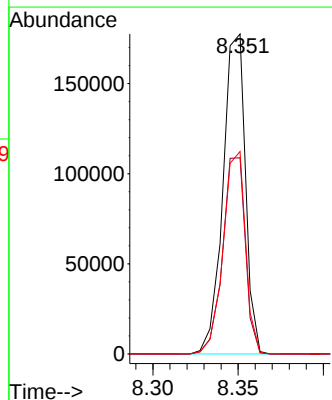
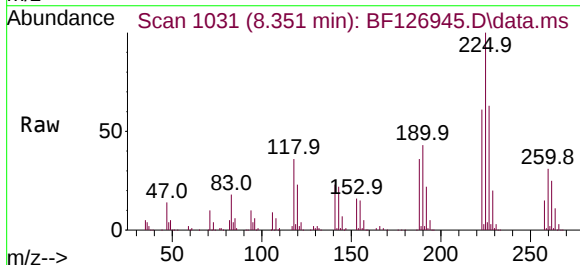
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

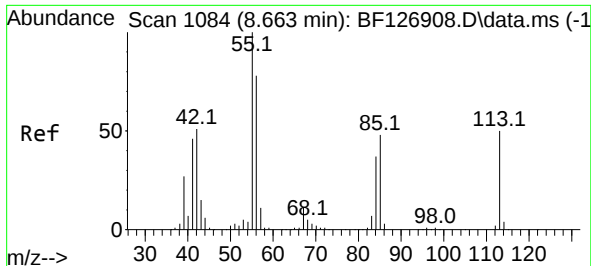
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 305819 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.5  | 39.7   |
| 65       | 34.2  | 26.6  | 39.8   |
| 92       | 21.1  | 16.1  | 24.1   |



#34  
Hexachlorobutadiene  
Concen: 43.931 ng  
RT: 8.351 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 163055 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.3  | 48.6  | 73.0   |
| 227      | 63.3  | 51.4  | 77.0   |

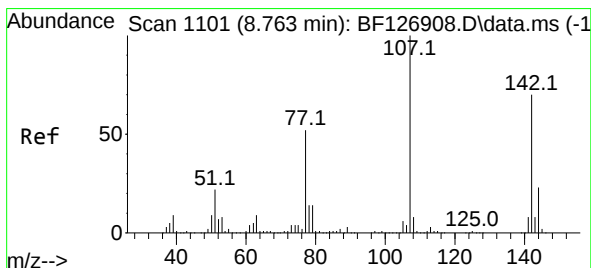
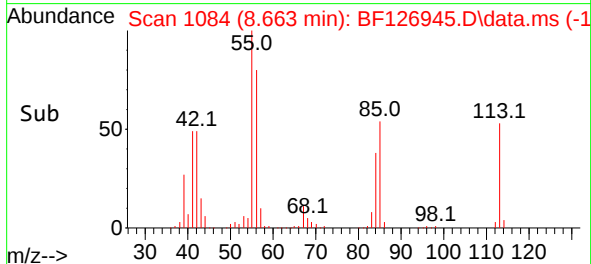
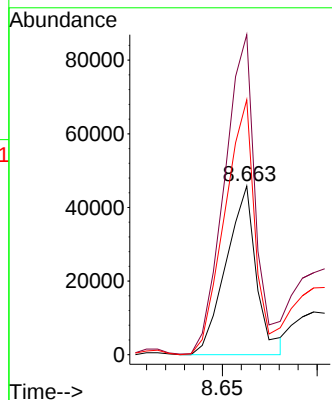
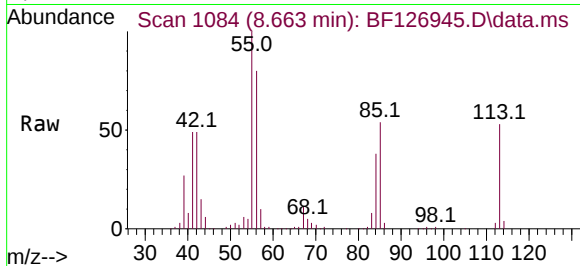




#35  
 Caprolactam  
 Concen: 25.639 ng  
 RT: 8.663 min Scan# 1101  
 Delta R.T. 0.000 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

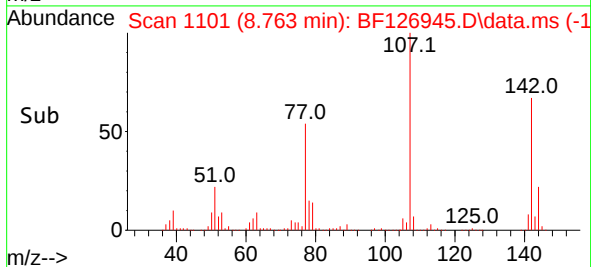
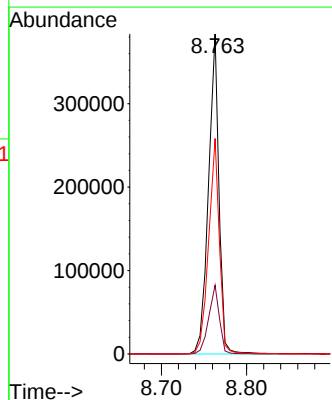
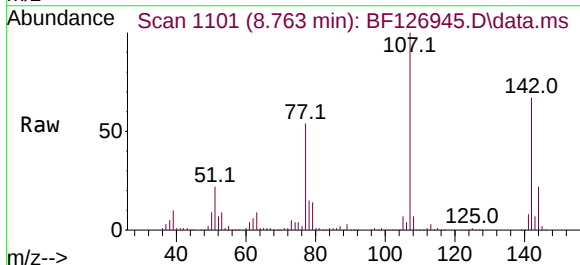
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142765BS

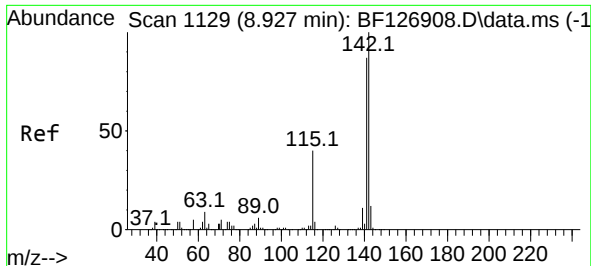
Tgt Ion:113 Resp: 50914  
 Ion Ratio Lower Upper  
 113 100  
 55 189.7 183.9 223.9  
 56 151.1 129.9 169.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.174 ng  
 RT: 8.763 min Scan# 1101  
 Delta R.T. 0.000 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

Tgt Ion:107 Resp: 328308  
 Ion Ratio Lower Upper  
 107 100  
 144 21.5 18.5 27.7  
 142 67.3 58.1 87.1

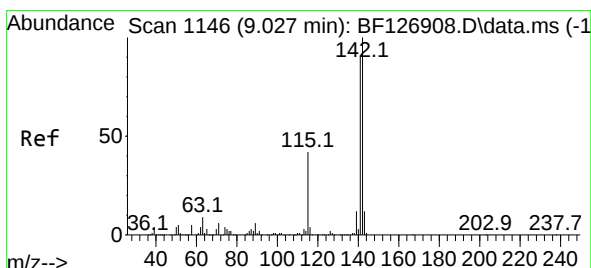
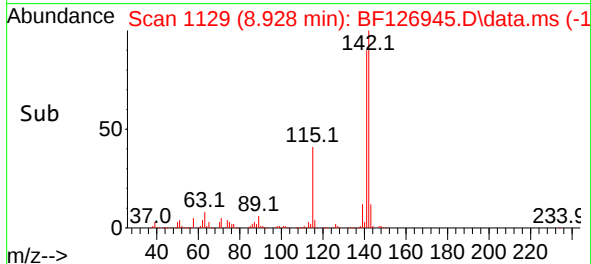
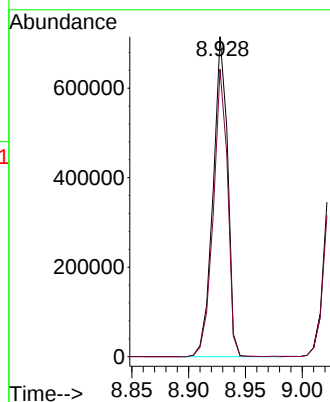
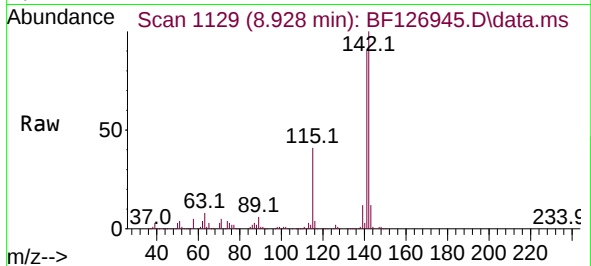




#37  
2-Methylnaphthalene  
Concen: 45.476 ng  
RT: 8.928 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

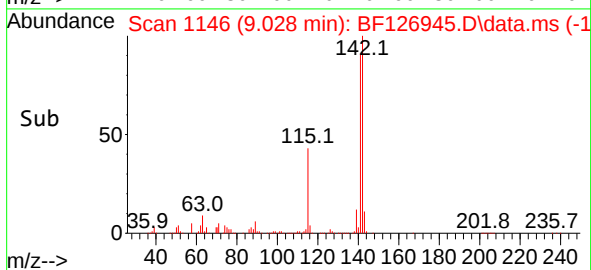
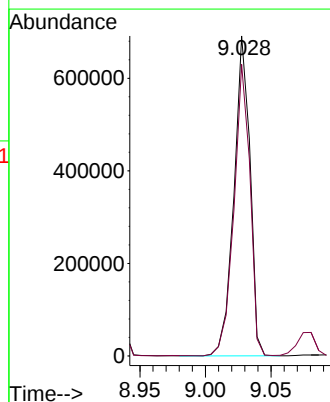
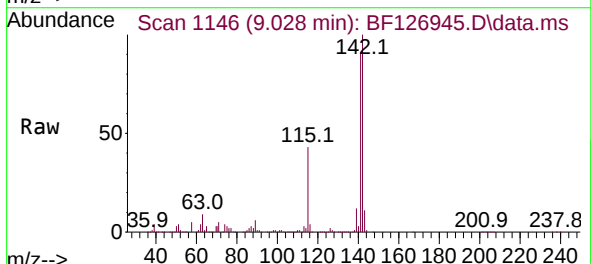
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

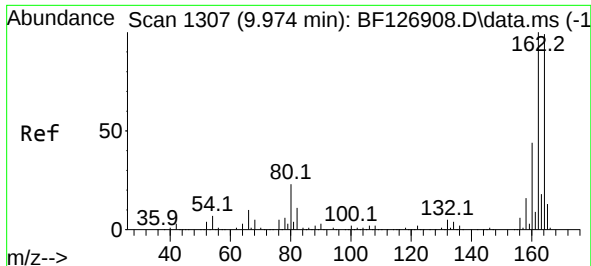
Tgt Ion:142 Resp: 636479  
Ion Ratio Lower Upper  
142 100  
141 89.8 68.6 102.8



#38  
1-Methylnaphthalene  
Concen: 43.951 ng  
RT: 9.028 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:142 Resp: 589048  
Ion Ratio Lower Upper  
142 100  
141 91.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

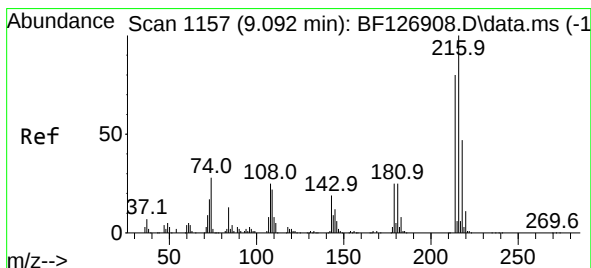
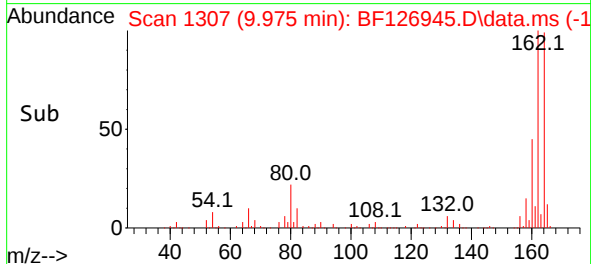
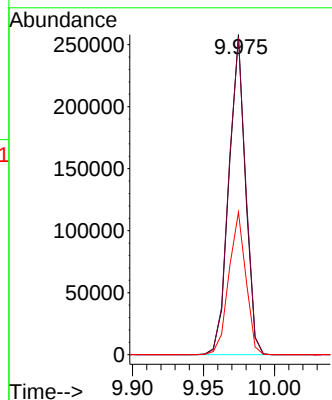
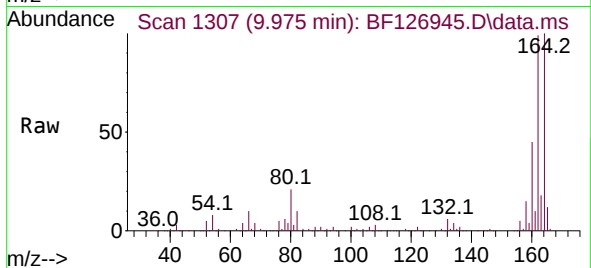
Tgt Ion:164 Resp: 208088

Ion Ratio Lower Upper

164 100

162 99.2 81.4 122.0

160 44.6 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.530 ng

RT: 9.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Tgt Ion:216 Resp: 254876

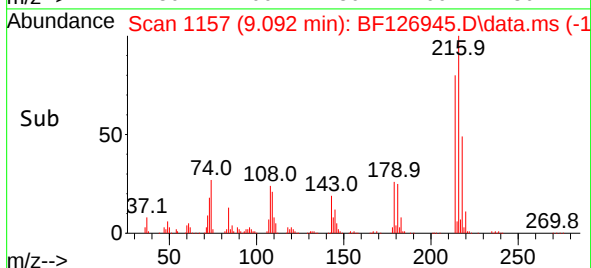
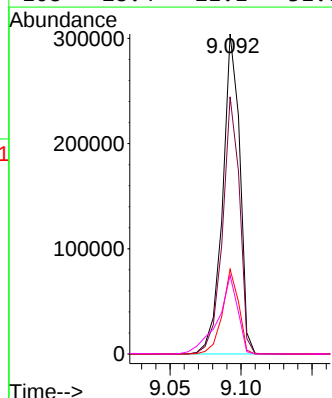
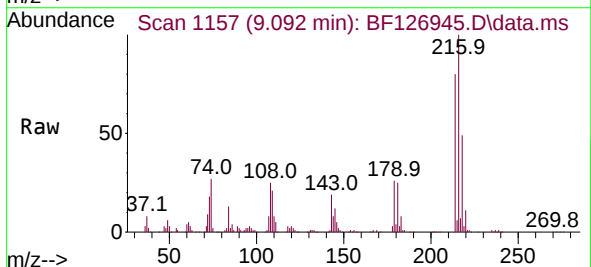
Ion Ratio Lower Upper

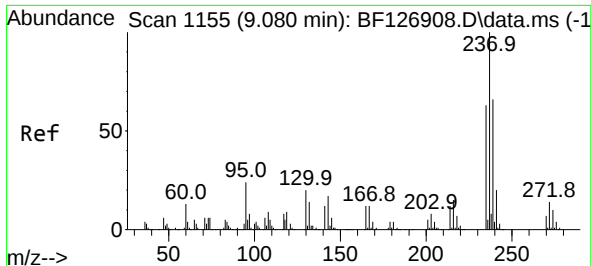
216 100

214 79.3 64.6 96.8

179 25.1 19.5 29.3

108 28.4 21.1 31.7

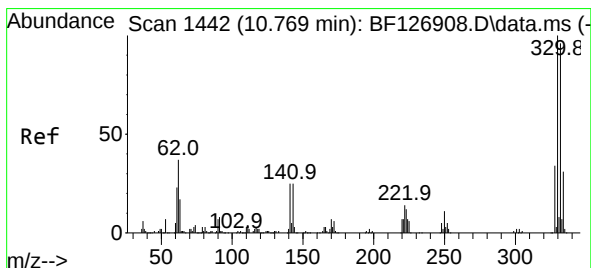
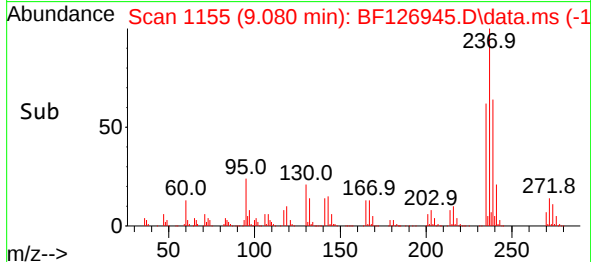
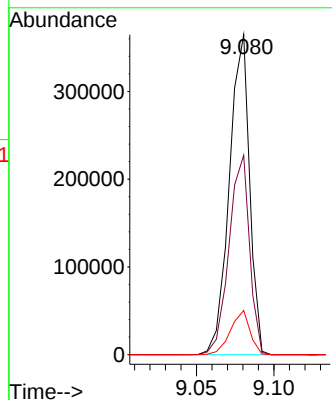
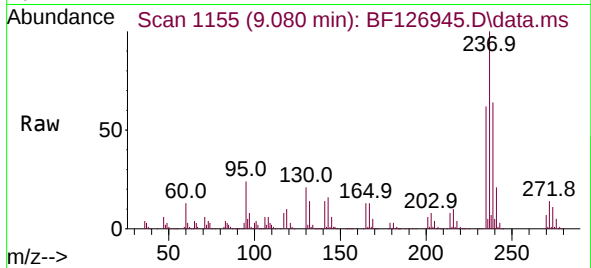




#41  
Hexachlorocyclopentadiene  
Concen: 111.484 ng  
RT: 9.080 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

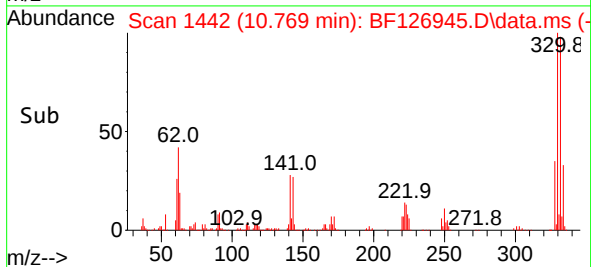
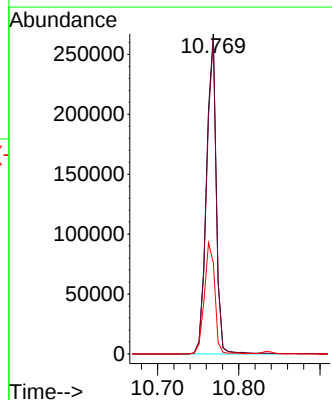
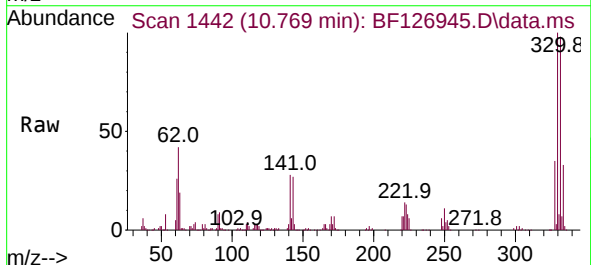
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

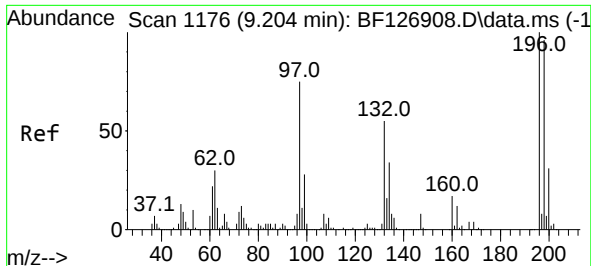
Tgt Ion:237 Resp: 331202  
Ion Ratio Lower Upper  
237 100  
235 62.4 38.9 78.9  
272 13.8 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 92.741 ng  
RT: 10.769 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:330 Resp: 222193  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.0 114.0  
141 37.2 30.1 45.1

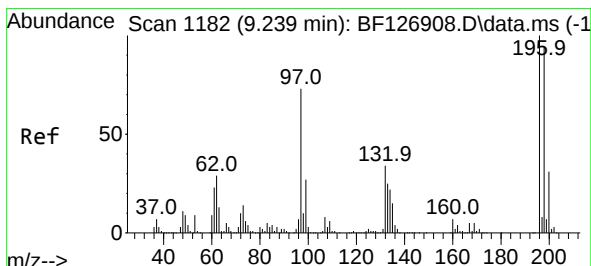
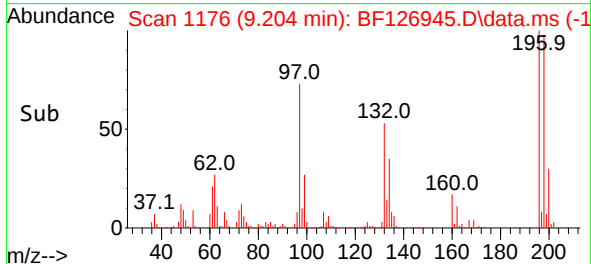
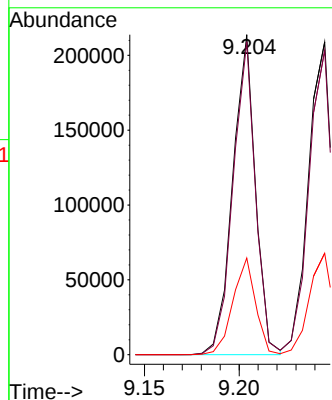
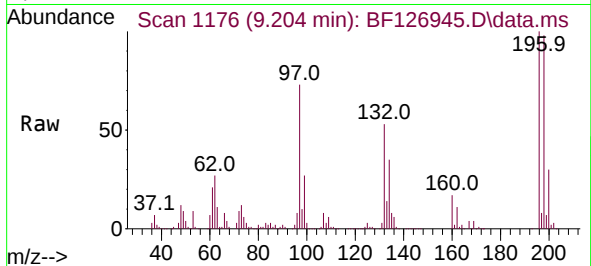




#43  
2,4,6-Trichlorophenol  
Concen: 44.337 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

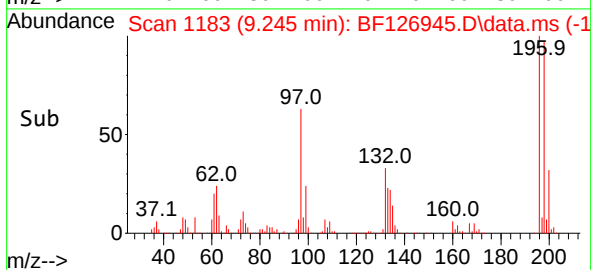
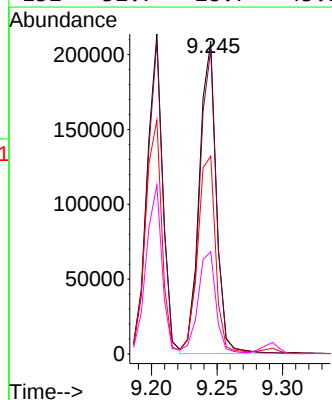
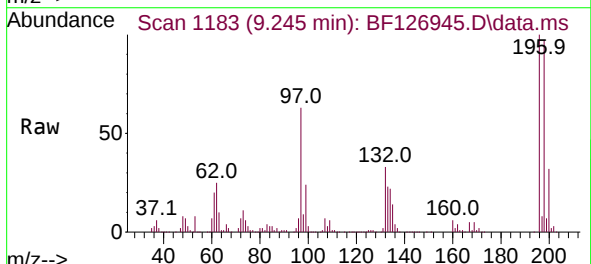
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

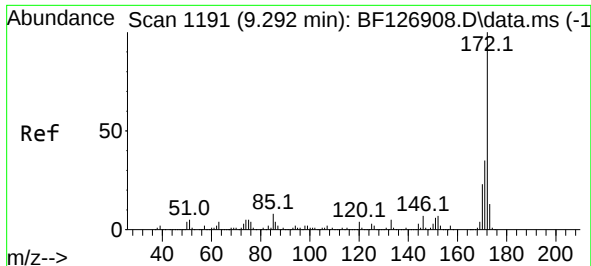
Tgt Ion:196 Resp: 178123  
Ion Ratio Lower Upper  
196 100  
198 97.8 78.5 117.7  
200 30.2 24.9 37.3



#44  
2,4,5-Trichlorophenol  
Concen: 44.523 ng  
RT: 9.245 min Scan# 1183  
Delta R.T. 0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:196 Resp: 188226  
Ion Ratio Lower Upper  
196 100  
198 97.3 82.0 123.0  
97 63.2 53.5 80.3  
132 32.7 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 85.171 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

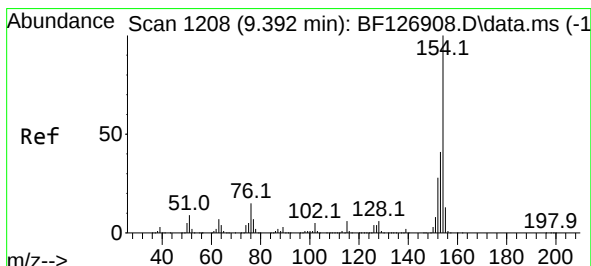
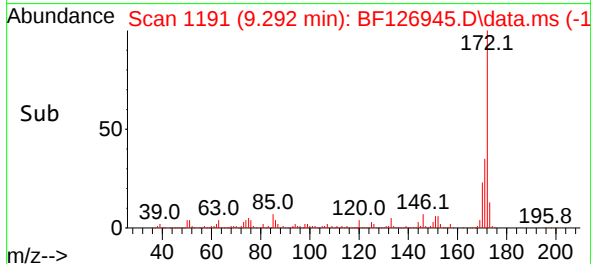
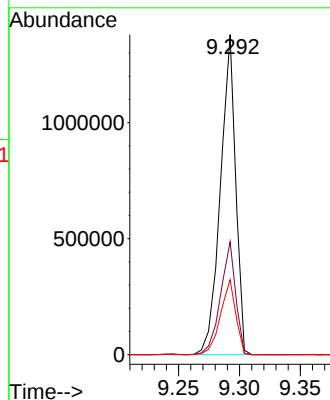
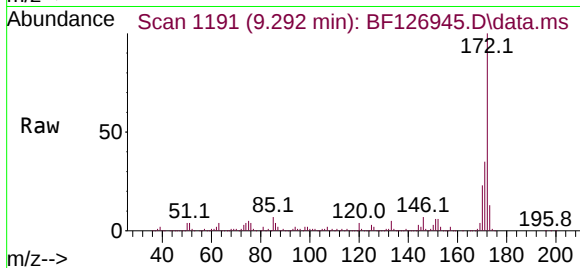
Tgt Ion:172 Resp: 1203881

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.940 ng

RT: 9.392 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

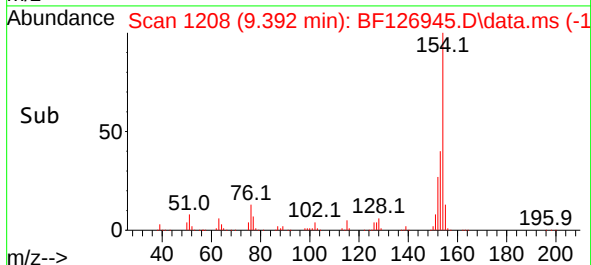
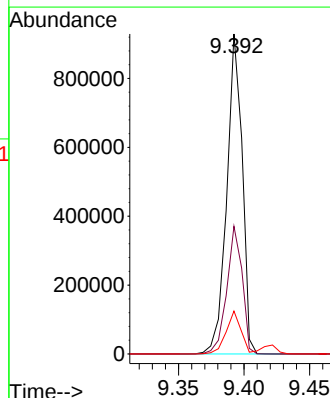
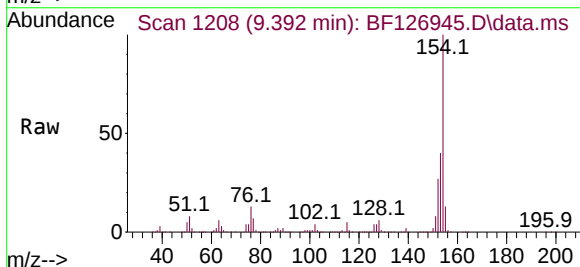
Tgt Ion:154 Resp: 757394

Ion Ratio Lower Upper

154 100

153 39.9 19.0 59.0

76 13.4 0.0 34.5

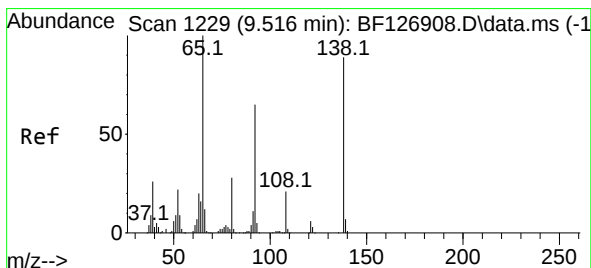
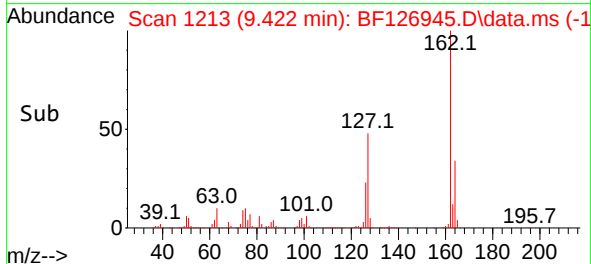
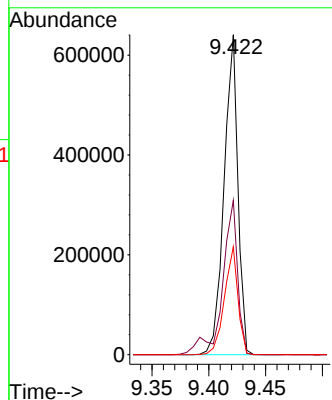
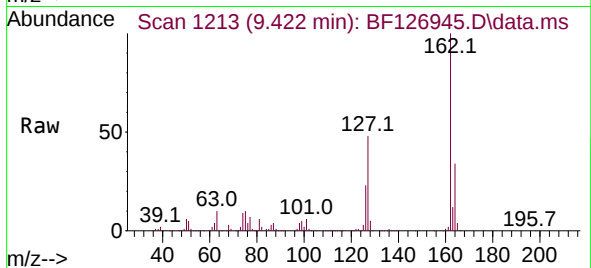




#47  
2-Chloronaphthalene  
Concen: 44.416 ng  
RT: 9.422 min Scan# 1213  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

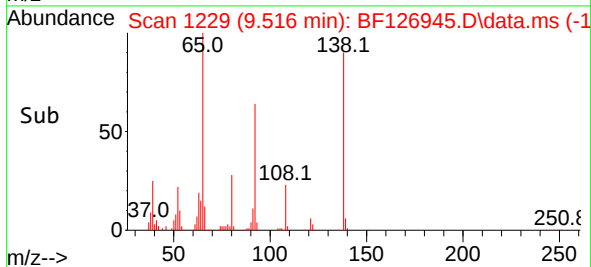
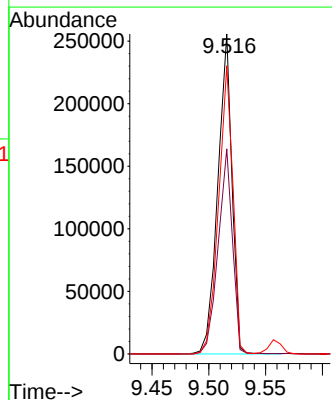
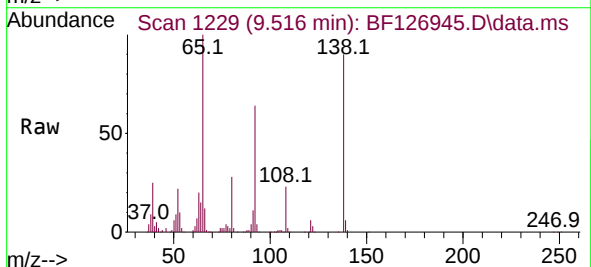
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

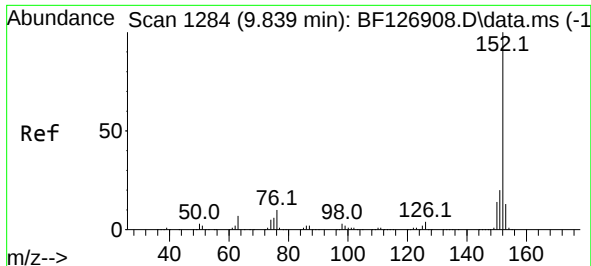
Tgt Ion:162 Resp: 543022  
Ion Ratio Lower Upper  
162 100  
127 48.2 33.5 50.3  
164 33.7 26.2 39.4



#48  
2-Nitroaniline  
Concen: 46.154 ng  
RT: 9.516 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion: 65 Resp: 222667  
Ion Ratio Lower Upper  
65 100  
92 64.1 54.4 81.6  
138 90.1 72.5 108.7

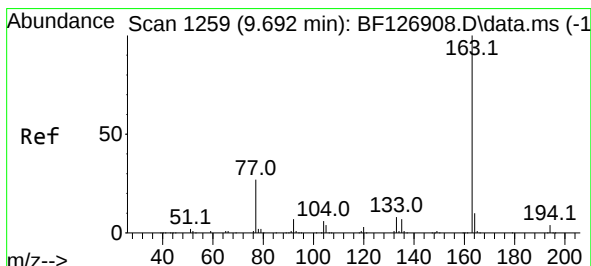
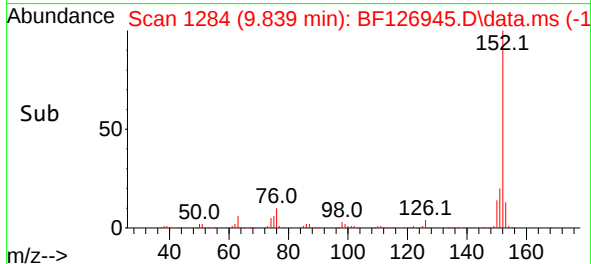
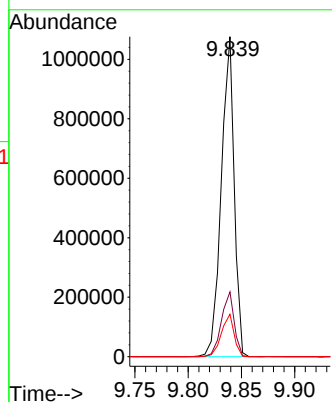
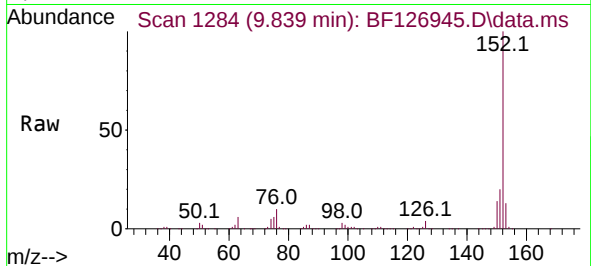




#49  
Acenaphthylene  
Concen: 45.498 ng  
RT: 9.839 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

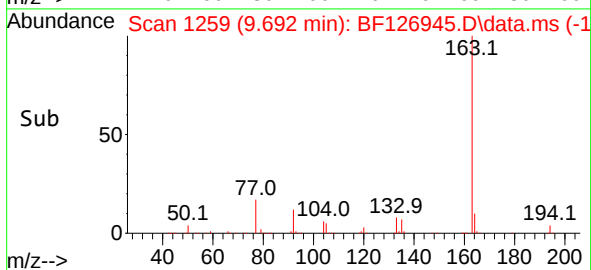
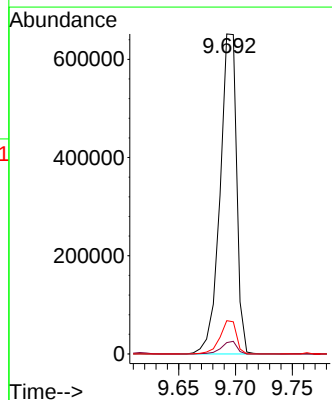
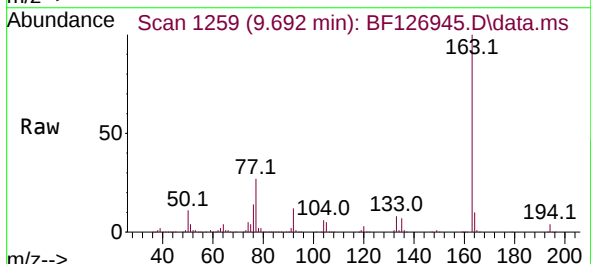
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

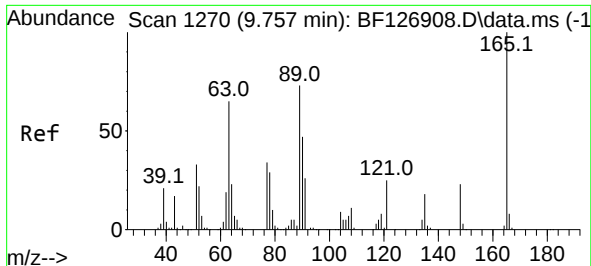
Tgt Ion:152 Resp: 903545  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.7 23.5  
153 13.3 11.4 17.0



#50  
Dimethylphthalate  
Concen: 44.655 ng  
RT: 9.692 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:163 Resp: 664193  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.6 3.8  
164 10.4 7.8 11.8

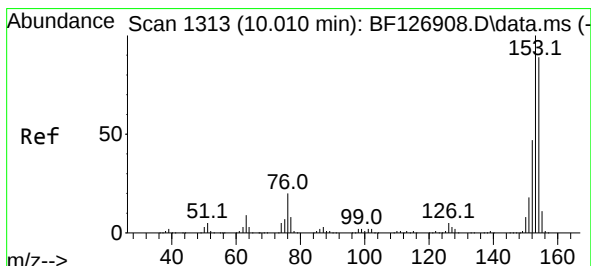
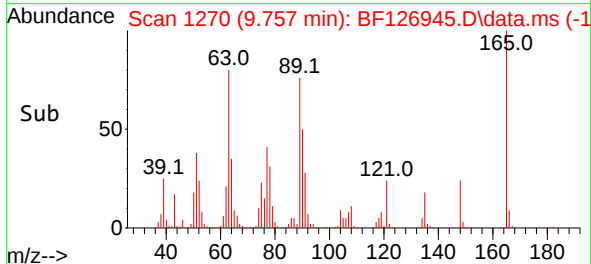
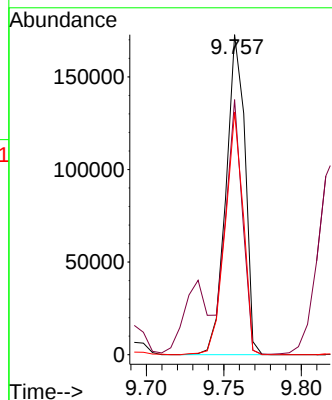
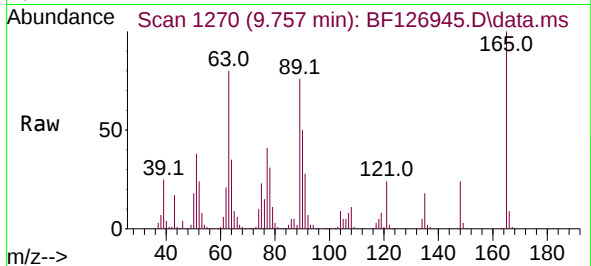




#51  
2,6-Dinitrotoluene  
Concen: 48.660 ng  
RT: 9.757 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

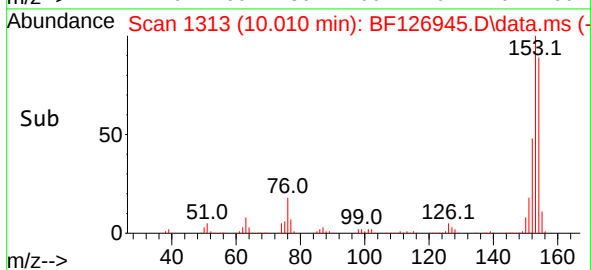
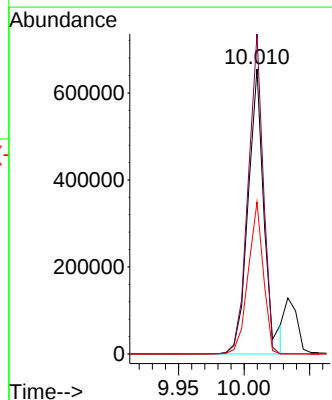
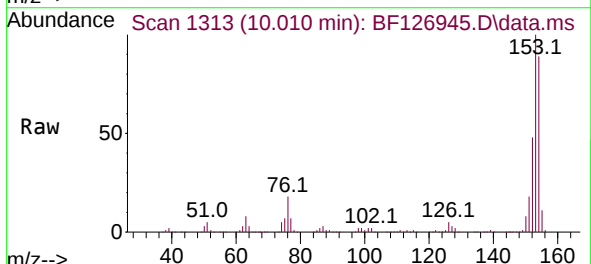
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

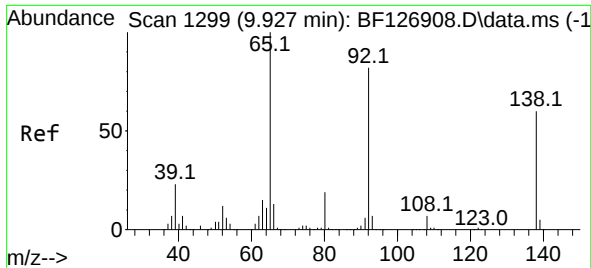
Tgt Ion:165 Resp: 147252  
Ion Ratio Lower Upper  
165 100  
63 79.7 48.4 72.6#  
89 75.9 50.5 75.7#



#52  
Acenaphthene  
Concen: 43.098 ng  
RT: 10.010 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:154 Resp: 556628  
Ion Ratio Lower Upper  
154 100  
153 112.2 87.8 131.6  
152 53.3 39.4 59.2

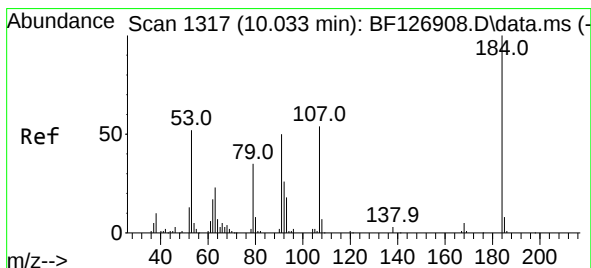
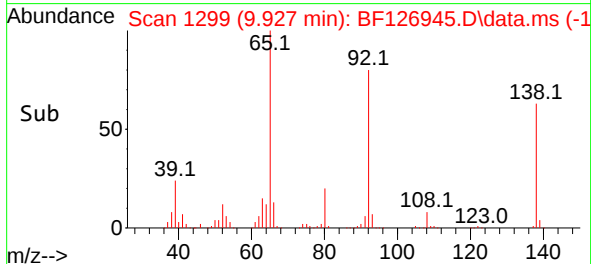
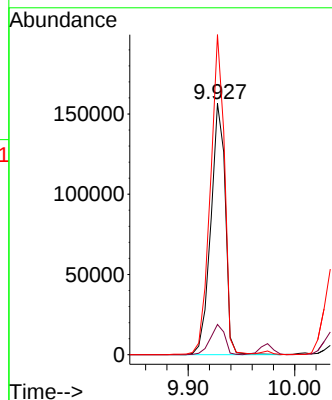
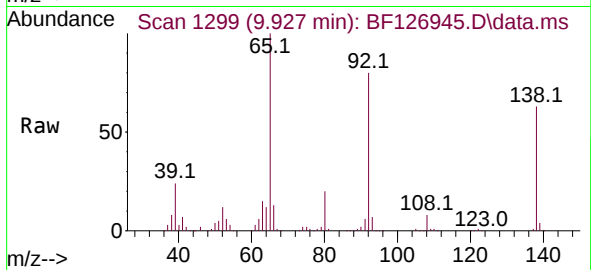




#53  
3-Nitroaniline  
Concen: 39.788 ng  
RT: 9.927 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

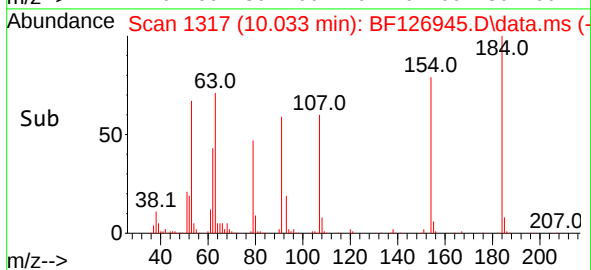
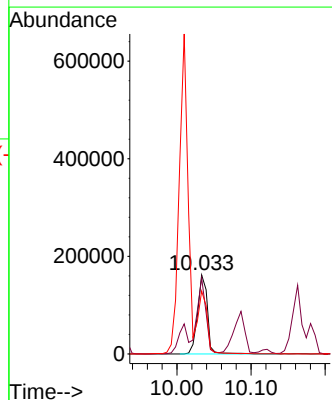
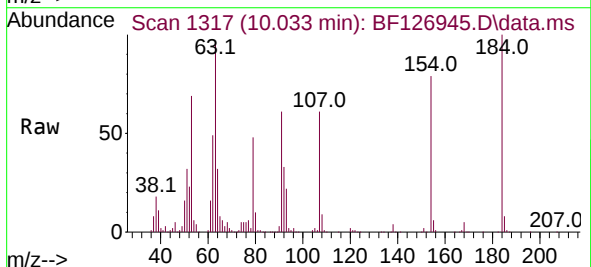
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

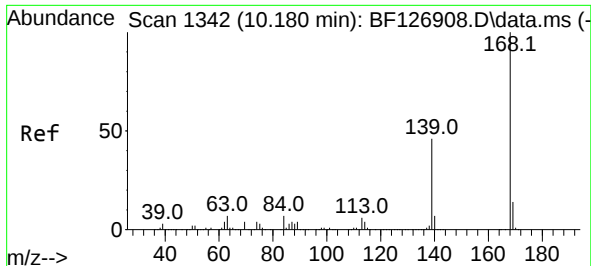
Tgt Ion:138 Resp: 147180  
Ion Ratio Lower Upper  
138 100  
108 12.0 8.6 13.0  
92 127.4 105.0 157.6



#54  
2,4-Dinitrophenol  
Concen: 93.758 ng  
RT: 10.033 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:184 Resp: 150174  
Ion Ratio Lower Upper  
184 100  
63 96.0 70.4 105.6  
154 79.5 49.7 74.5

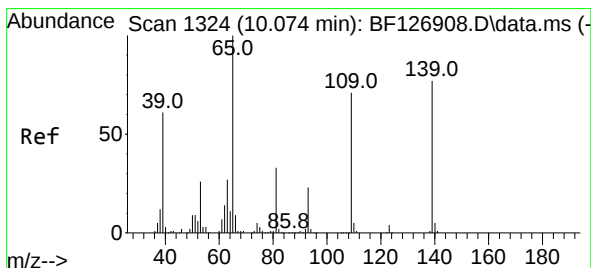
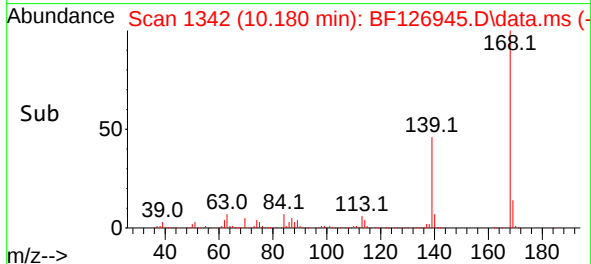
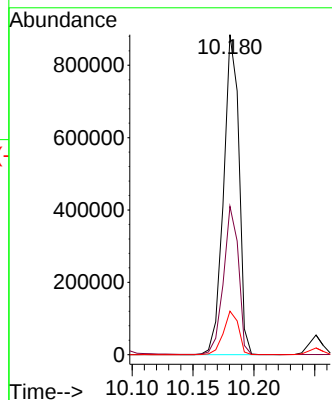
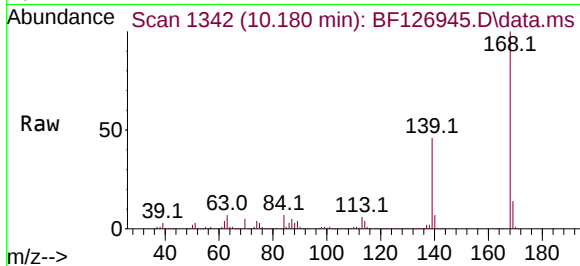




#55  
Dibenzenofuran  
Concen: 43.825 ng  
RT: 10.180 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

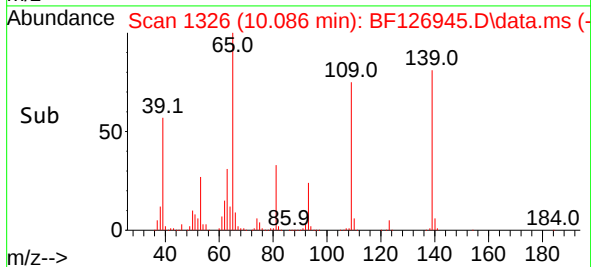
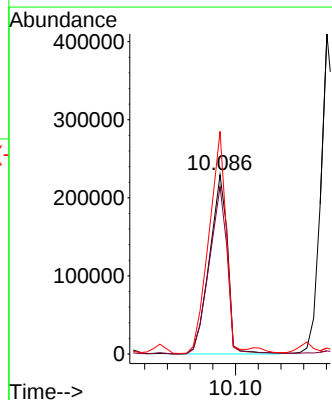
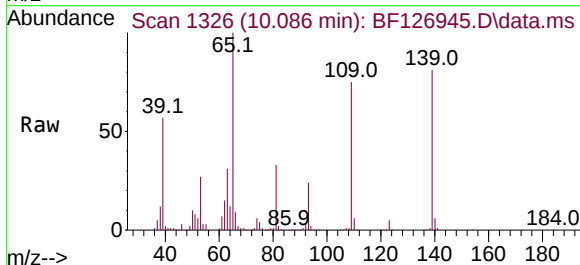
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

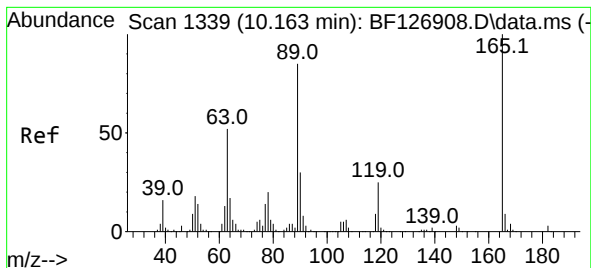
Tgt Ion:168 Resp: 778306  
Ion Ratio Lower Upper  
168 100  
139 46.3 30.6 46.0#  
169 13.6 10.0 15.0



#56  
4-Nitrophenol  
Concen: 92.680 ng  
RT: 10.086 min Scan# 1326  
Delta R.T. 0.012 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

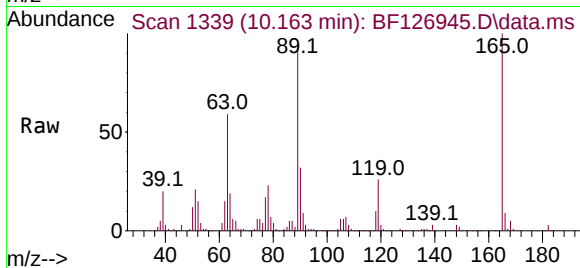
Tgt Ion:139 Resp: 253210  
Ion Ratio Lower Upper  
139 100  
109 93.4 44.1 84.1#  
65 124.2 85.5 125.5



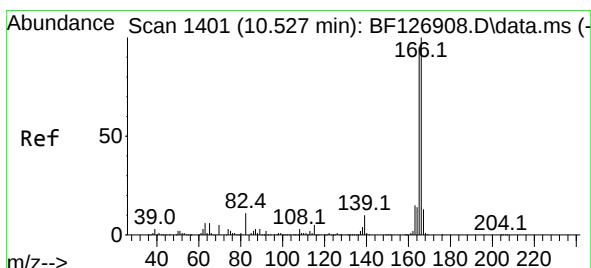
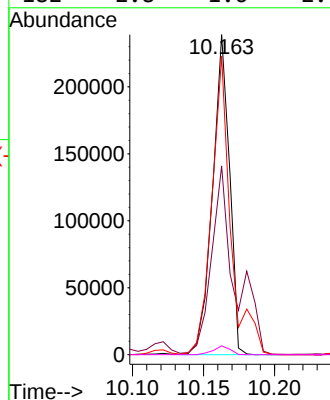
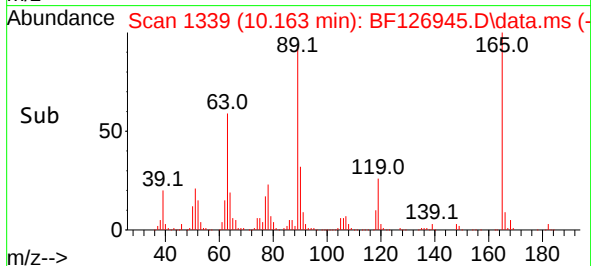


#57  
2,4-Dinitrotoluene  
Concen: 48.385 ng  
RT: 10.163 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

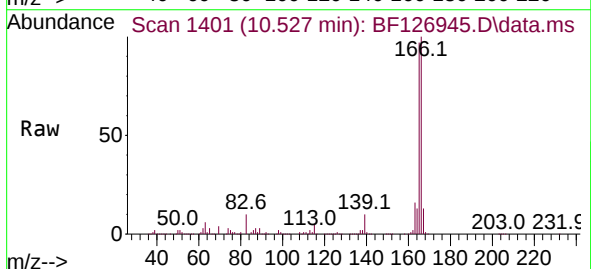
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS



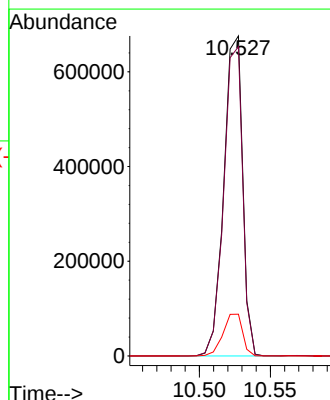
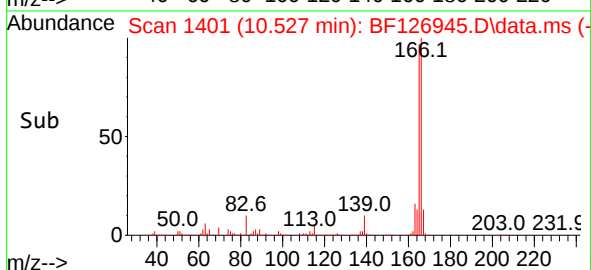
Tgt Ion:165 Resp: 197973  
Ion Ratio Lower Upper  
165 100  
63 59.0 43.0 64.6  
89 93.3 71.0 106.4  
182 2.8 1.6 2.4#

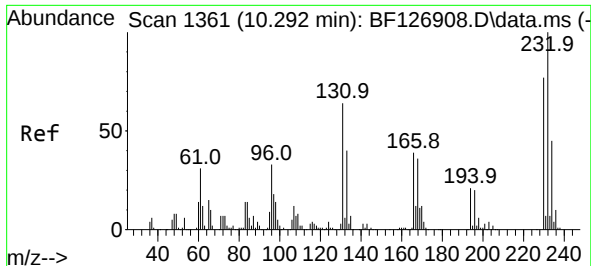


#58  
Fluorene  
Concen: 45.099 ng  
RT: 10.527 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18



Tgt Ion:166 Resp: 623886  
Ion Ratio Lower Upper  
166 100  
165 96.7 77.7 116.5  
167 13.0 10.7 16.1

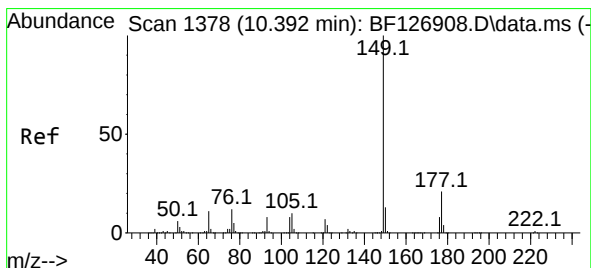
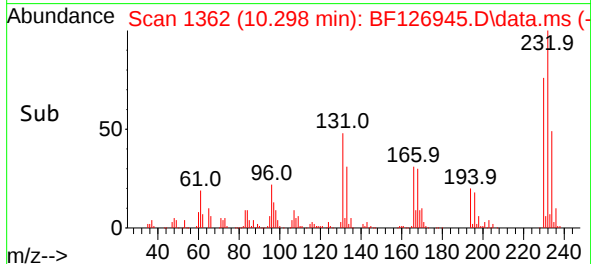
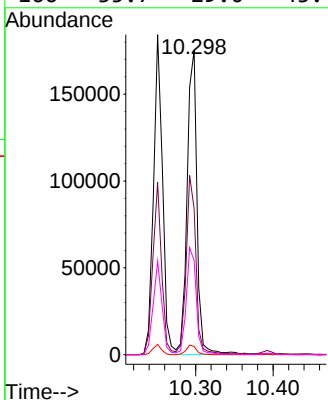
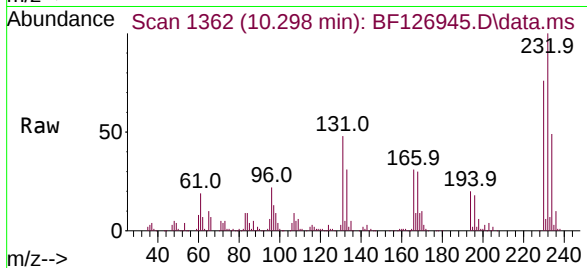




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.250 ng  
RT: 10.298 min Scan# 1362  
Delta R.T. 0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

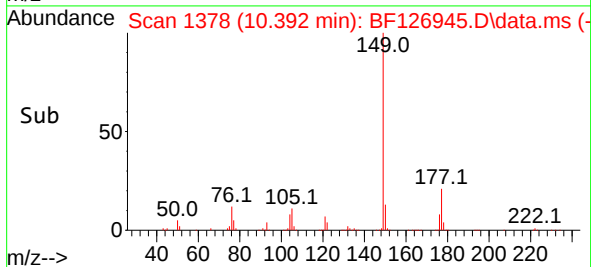
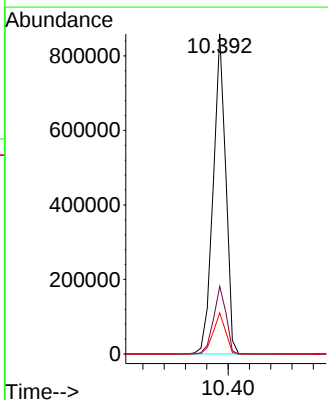
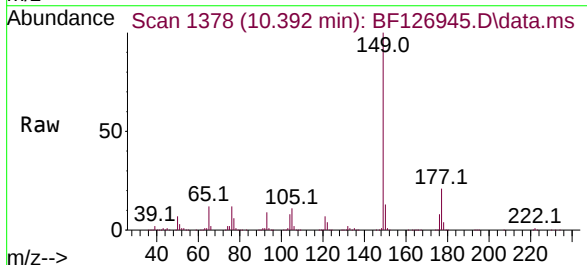
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

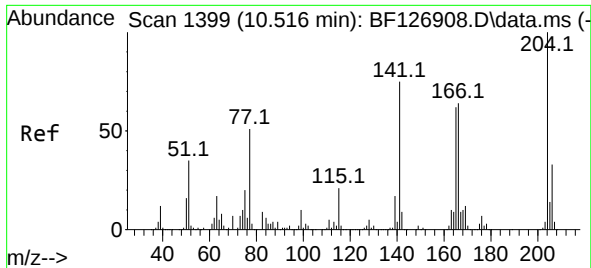
Tgt Ion:232 Resp: 155014  
Ion Ratio Lower Upper  
232 100  
131 57.5 50.0 75.0  
130 3.2 2.2 3.2  
166 35.7 29.0 43.4



#60  
Diethylphthalate  
Concen: 45.028 ng  
RT: 10.392 min Scan# 1378  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:149 Resp: 699819  
Ion Ratio Lower Upper  
149 100  
177 21.1 16.7 25.1  
150 12.9 9.8 14.8

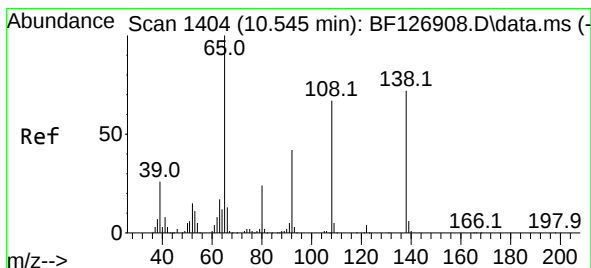
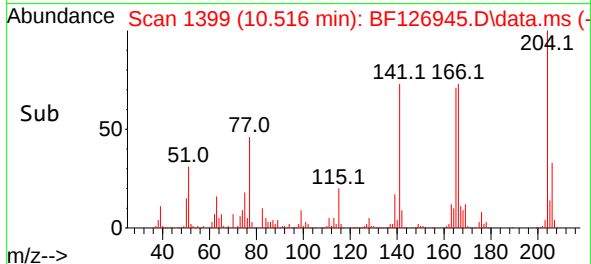
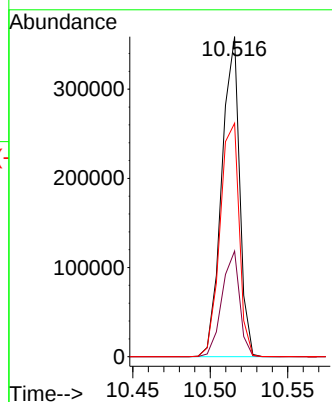
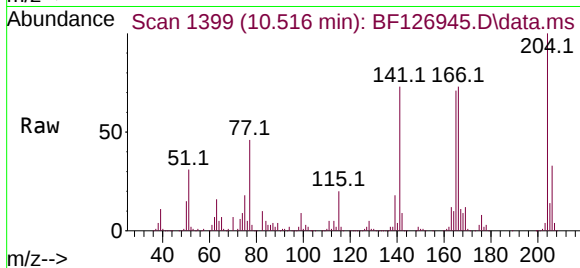




#61  
4-Chlorophenyl-phenylether  
Concen: 44.059 ng  
RT: 10.516 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

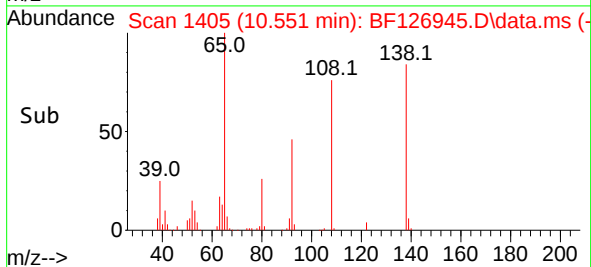
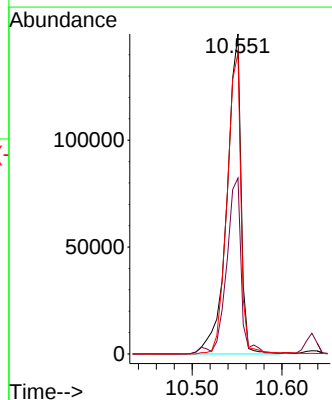
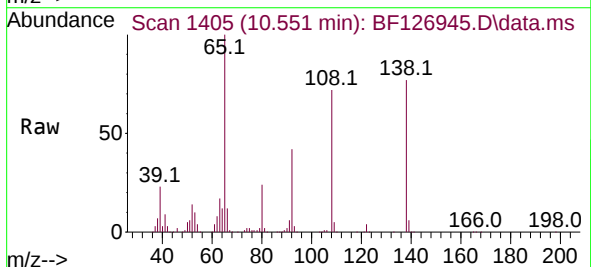
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

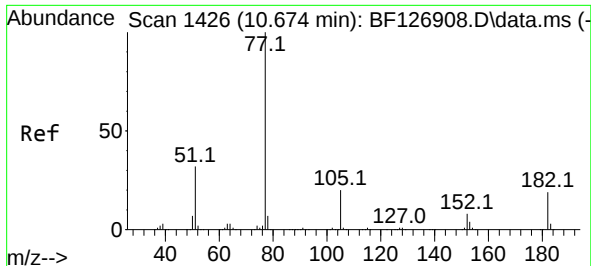
Tgt Ion:204 Resp: 287399  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.3 39.5  
141 72.9 59.0 88.6



#62  
4-Nitroaniline  
Concen: 44.878 ng  
RT: 10.551 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:138 Resp: 163931  
Ion Ratio Lower Upper  
138 100  
92 54.9 36.2 76.2  
108 94.0 46.7 86.7#

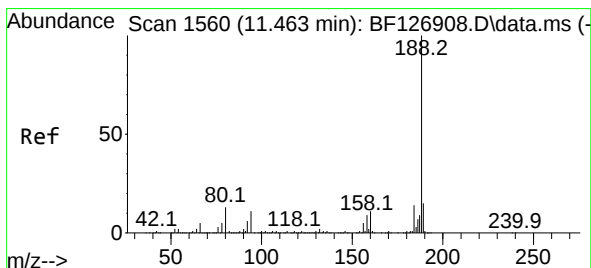
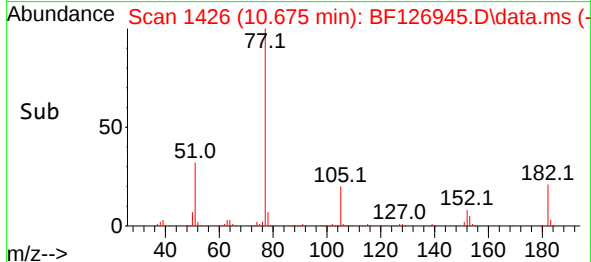
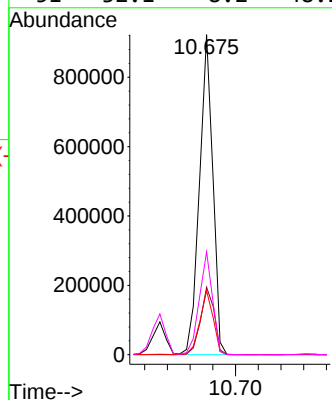
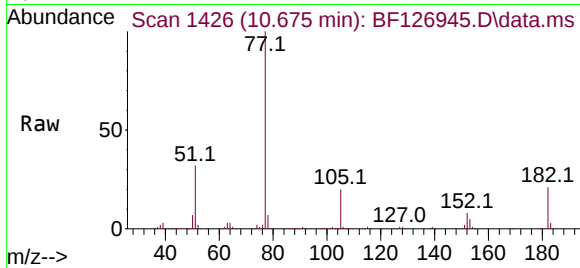




#63  
Azobenzene  
Concen: 43.622 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

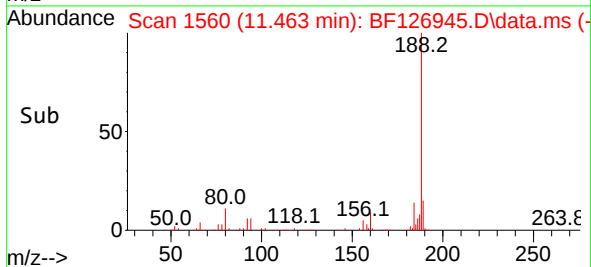
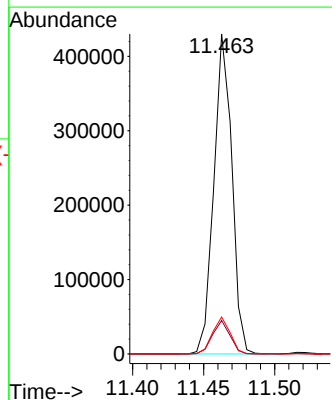
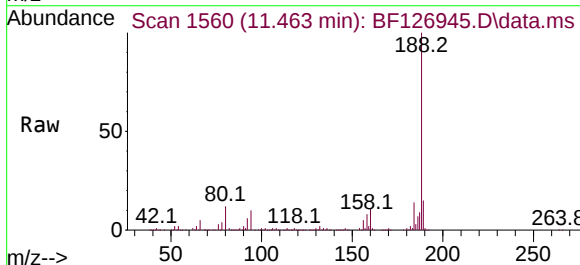
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

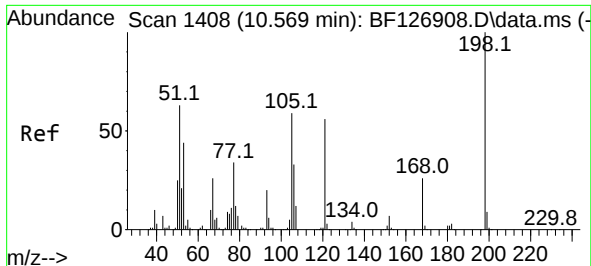
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 754926 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 21.1    | 0.0 39.0     |
| 105 20.0    | 3.2 43.2     |
| 51 32.1     | 8.2 48.2     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.463 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 378555 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 10.4     | 10.1         | 15.1  |  |
| 80 11.6     | 11.8         | 17.6# |  |

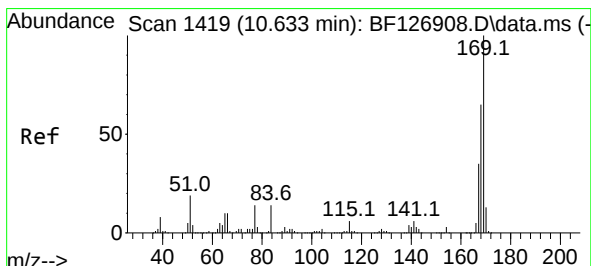
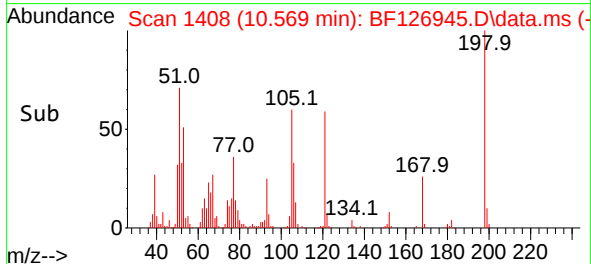
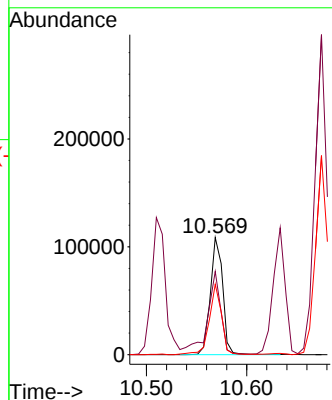
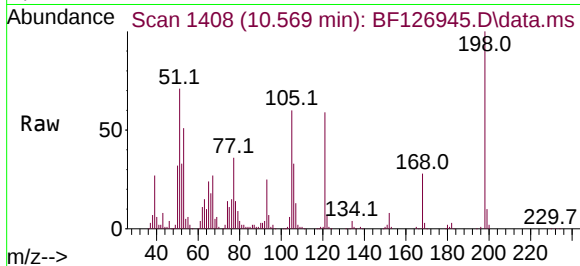




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.902 ng  
RT: 10.569 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

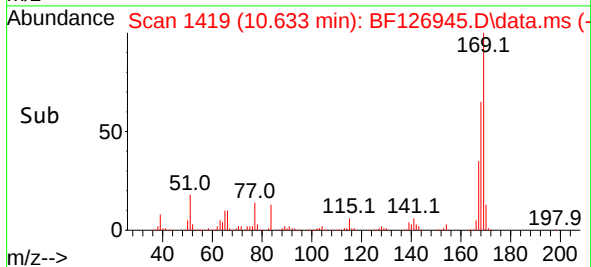
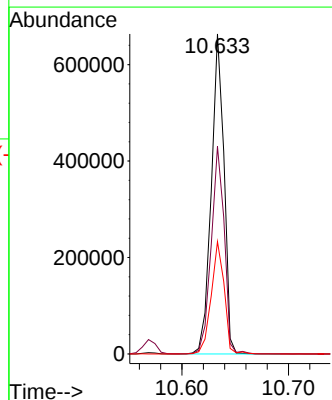
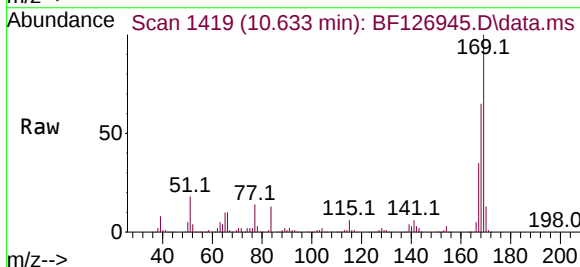
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

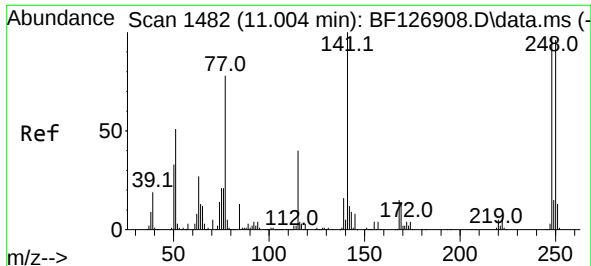
Tgt Ion:198 Resp: 93200  
Ion Ratio Lower Upper  
198 100  
51 71.0 32.0 72.0  
105 60.1 32.7 72.7



#66  
n-Nitrosodiphenylamine  
Concen: 44.215 ng  
RT: 10.633 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:169 Resp: 548846  
Ion Ratio Lower Upper  
169 100  
168 64.8 53.4 80.0  
167 35.1 29.4 44.0

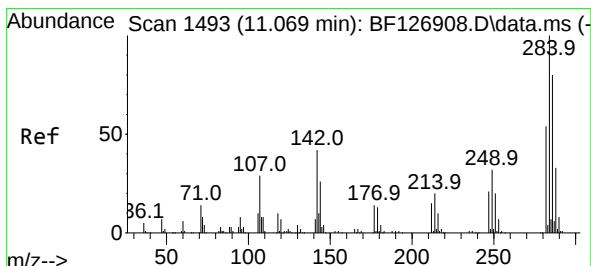
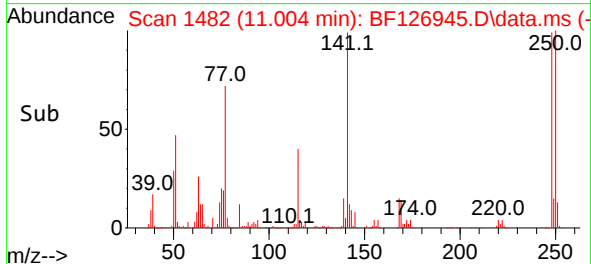
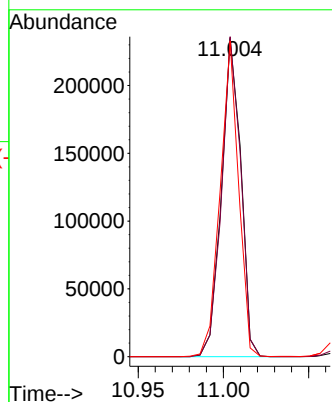
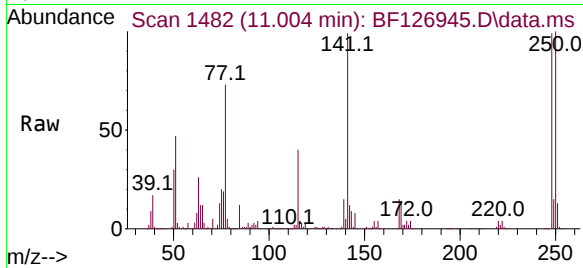




#67  
4-Bromophenyl-phenylether  
Concen: 43.808 ng  
RT: 11.004 min Scan# 1482  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

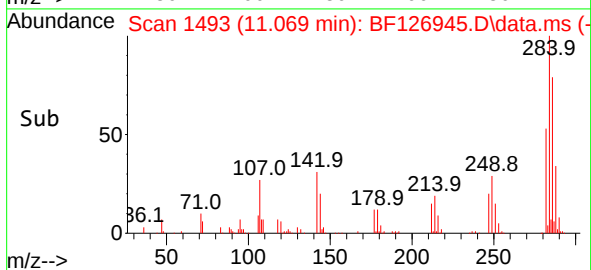
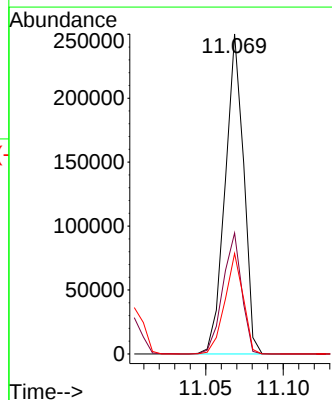
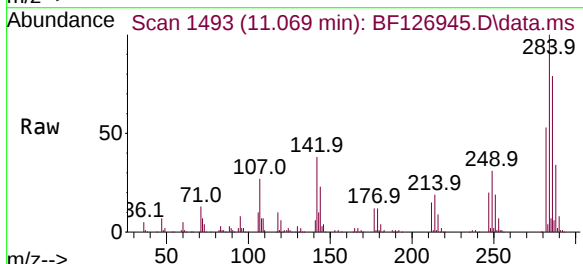
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

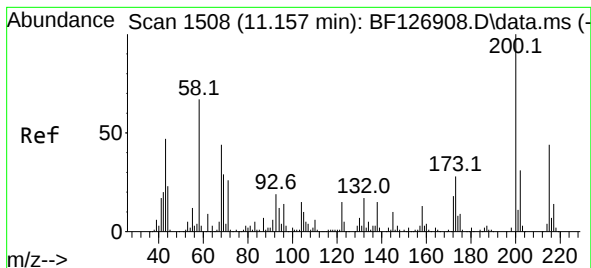
Tgt Ion:248 Resp: 185289  
Ion Ratio Lower Upper  
248 100  
250 100.5 76.2 114.4  
141 99.2 66.2 99.4



#68  
Hexachlorobenzene  
Concen: 45.535 ng  
RT: 11.069 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:284 Resp: 207337  
Ion Ratio Lower Upper  
284 100  
142 37.8 30.7 46.1  
249 31.4 21.1 31.7





#69

Atrazine

Concen: 47.504 ng

RT: 11.163 min Scan# 1509

Delta R.T. 0.006 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

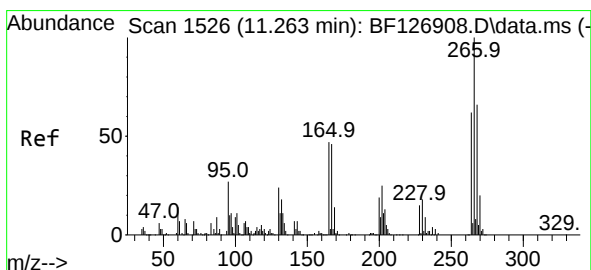
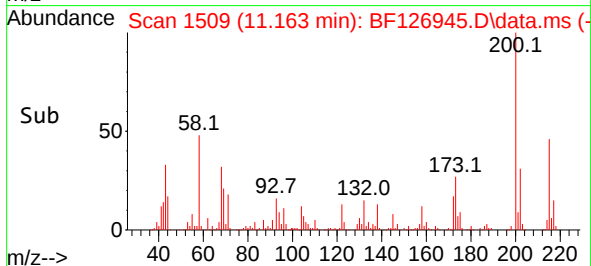
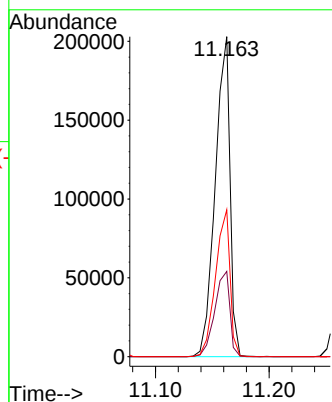
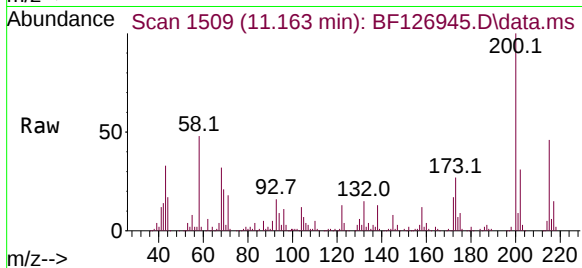
Tgt Ion:200 Resp: 182888

Ion Ratio Lower Upper

200 100

173 26.7 9.2 49.2

215 45.9 23.2 63.2



#70

Pentachlorophenol

Concen: 90.270 ng

RT: 11.263 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

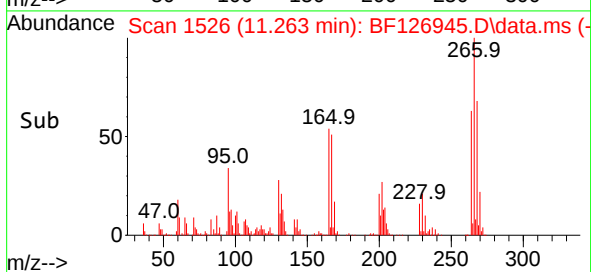
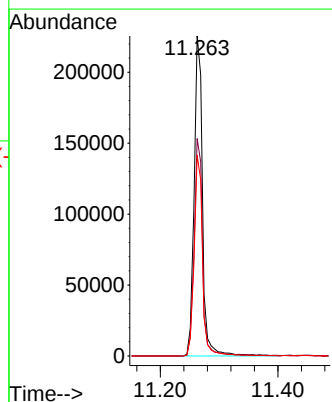
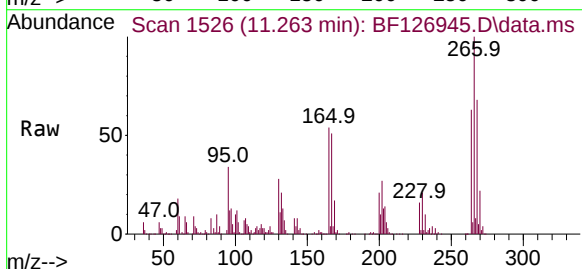
Tgt Ion:266 Resp: 224373

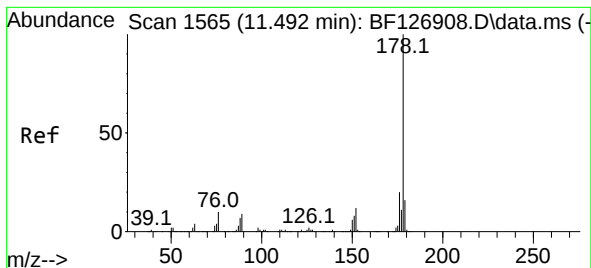
Ion Ratio Lower Upper

266 100

268 67.9 52.3 78.5

264 62.7 50.4 75.6





#71

Phenanthrene

Concen: 44.521 ng

RT: 11.492 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

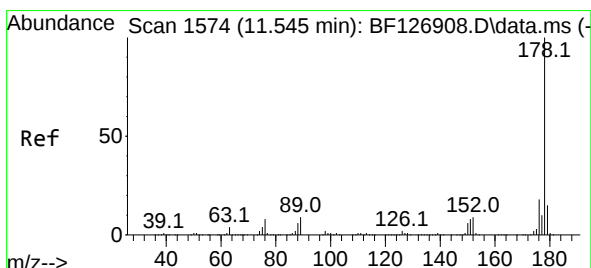
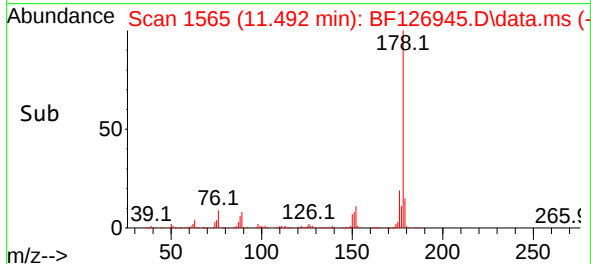
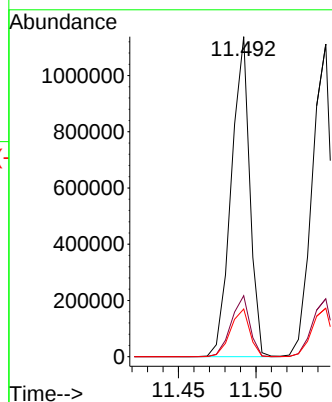
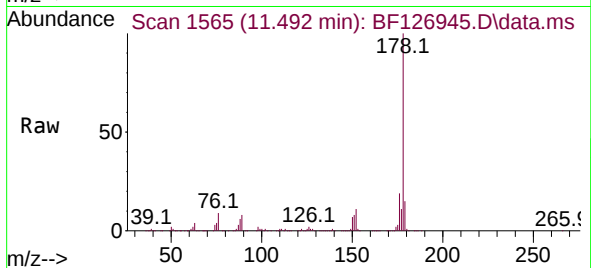
Tgt Ion:178 Resp: 943330

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

179 14.9 12.3 18.5



#72

Anthracene

Concen: 45.760 ng

RT: 11.545 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

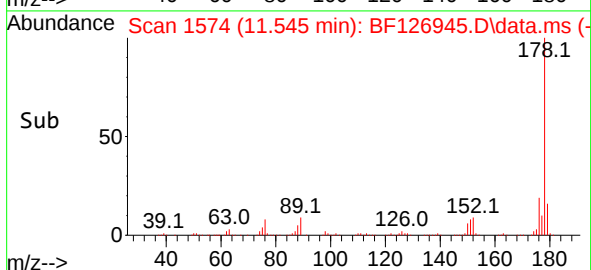
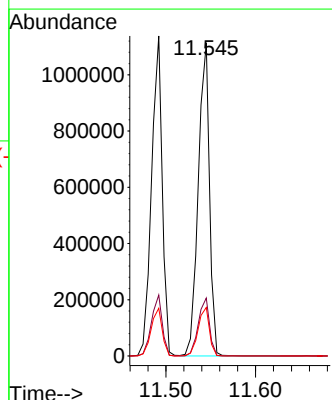
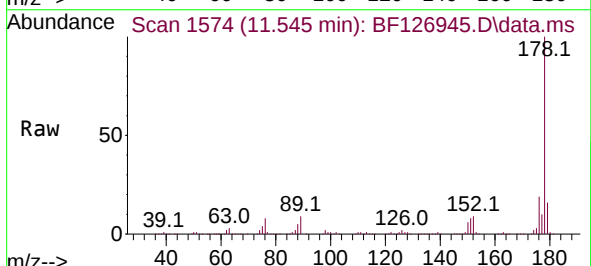
Tgt Ion:178 Resp: 965236

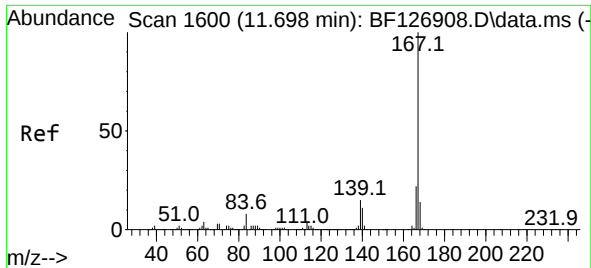
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.5 12.5 18.7

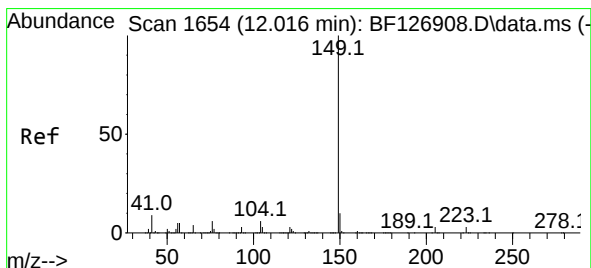
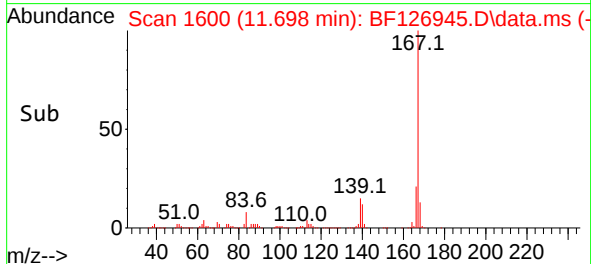
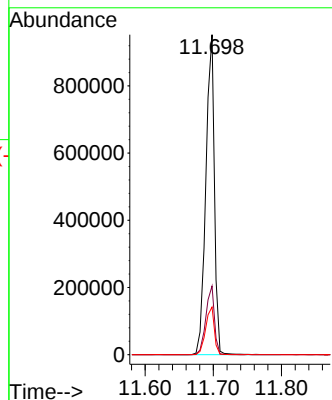
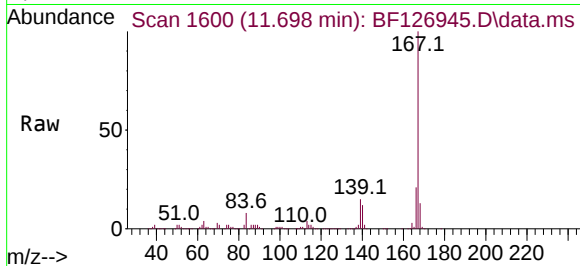




#73  
 Carbazole  
 Concen: 43.092 ng  
 RT: 11.698 min Scan# 1600  
 Delta R.T. 0.000 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

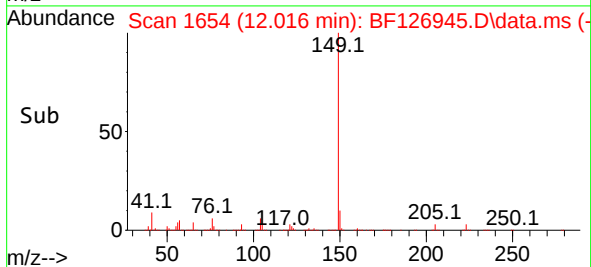
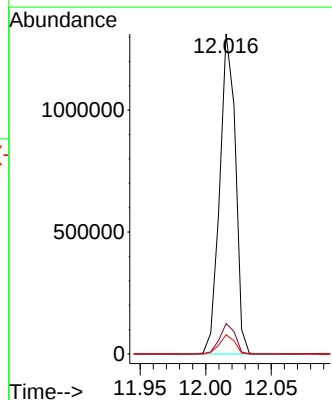
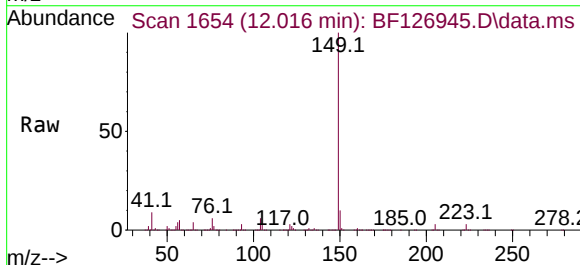
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142765BS

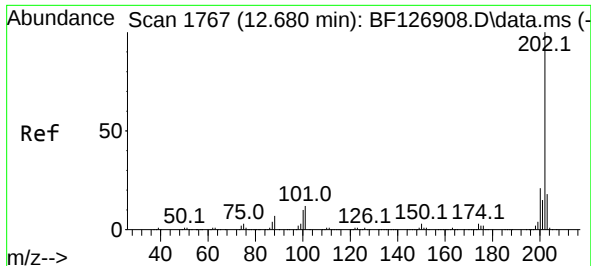
Tgt Ion:167 Resp: 833554  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 16.9 25.3  
 139 14.9 11.3 16.9



#74  
 Di-n-butylphthalate  
 Concen: 43.913 ng  
 RT: 12.016 min Scan# 1654  
 Delta R.T. 0.000 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

Tgt Ion:149 Resp: 1092022  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.2 10.8  
 104 6.0 4.2 6.2

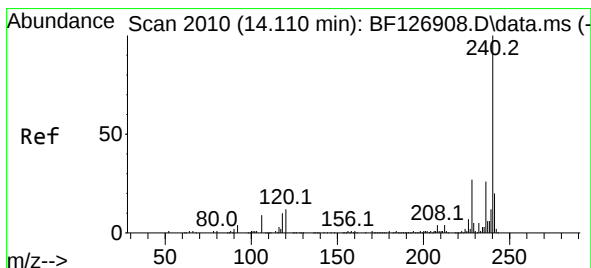
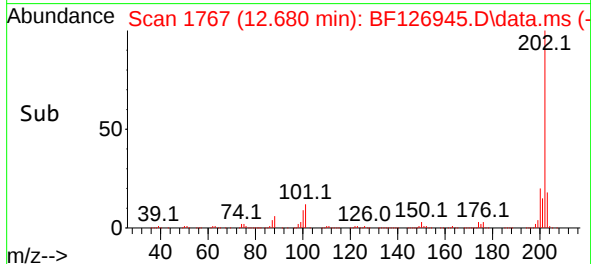
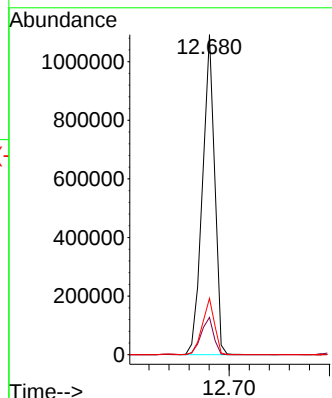
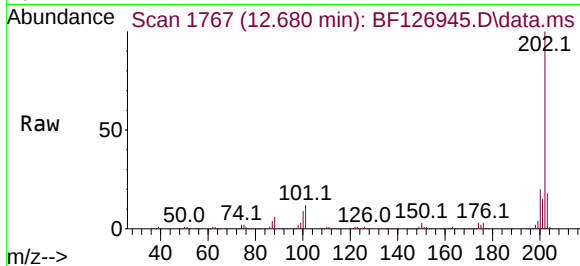




#75  
Fluoranthene  
Concen: 46.094 ng  
RT: 12.680 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

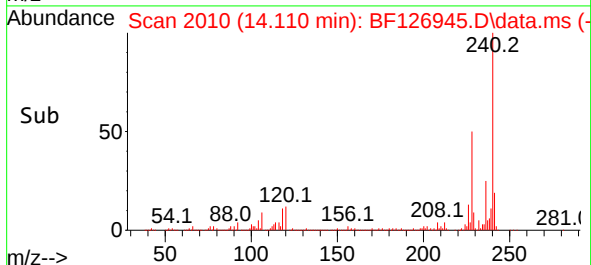
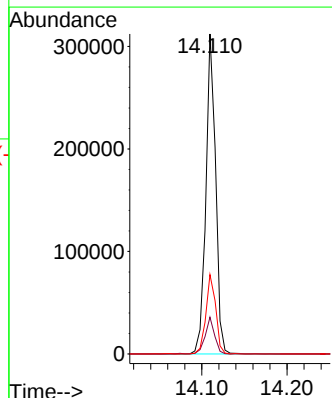
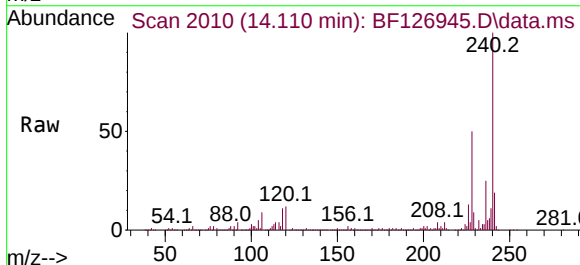
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

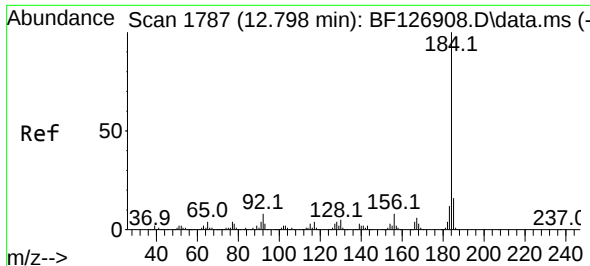
Tgt Ion:202 Resp: 927352  
Ion Ratio Lower Upper  
202 100  
101 11.6 0.0 35.7  
203 17.6 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.110 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:240 Resp: 246919  
Ion Ratio Lower Upper  
240 100  
120 11.5 14.4 21.6#  
236 24.8 20.5 30.7

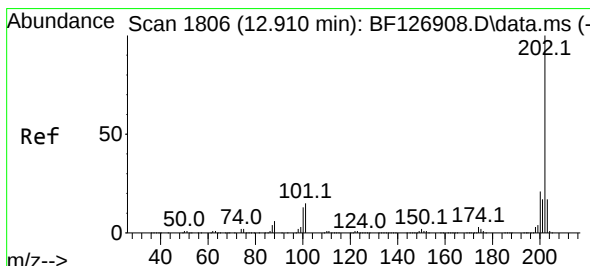
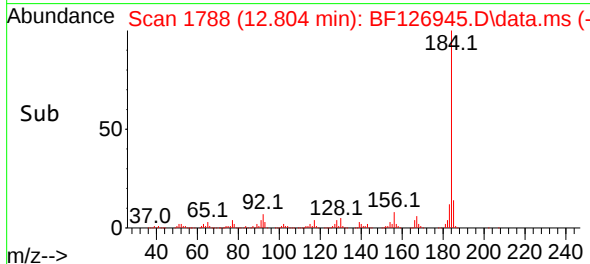
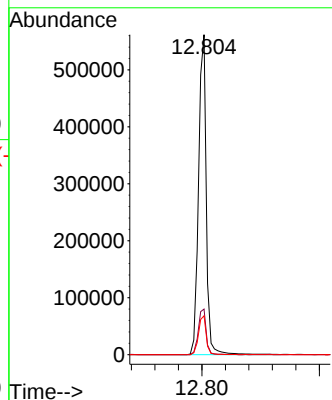
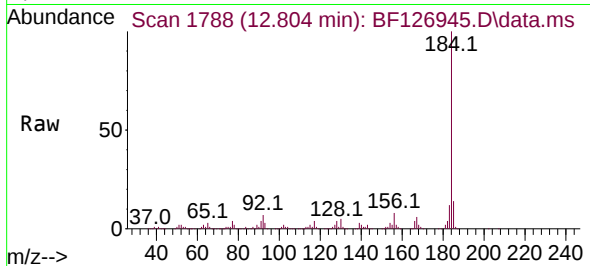




#77  
Benzidine  
Concen: 76.326 ng  
RT: 12.804 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

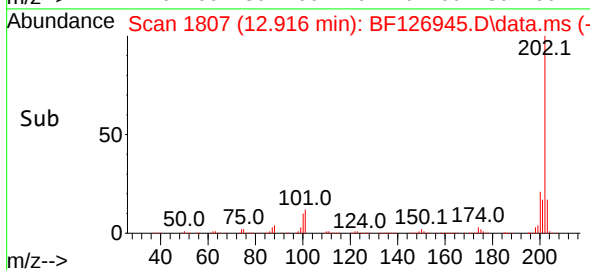
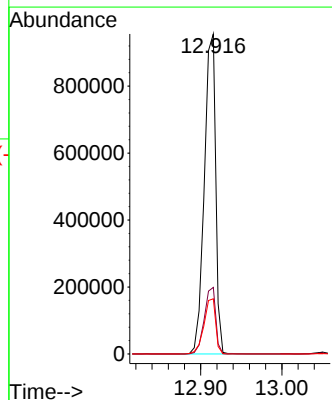
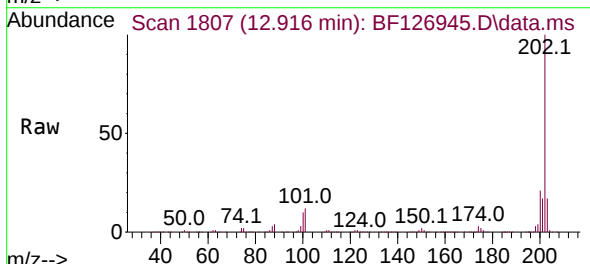
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

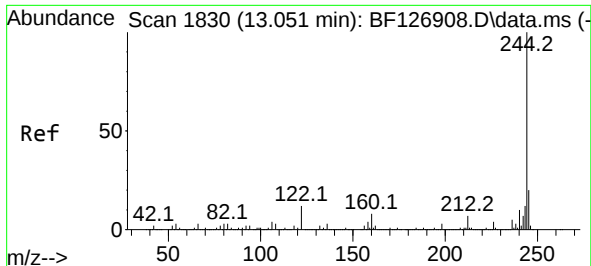
Tgt Ion:184 Resp: 512159  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.8 17.8  
183 12.1 8.2 12.2



#78  
Pyrene  
Concen: 43.302 ng  
RT: 12.916 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:202 Resp: 928904  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.6 24.8  
203 17.2 13.8 20.8

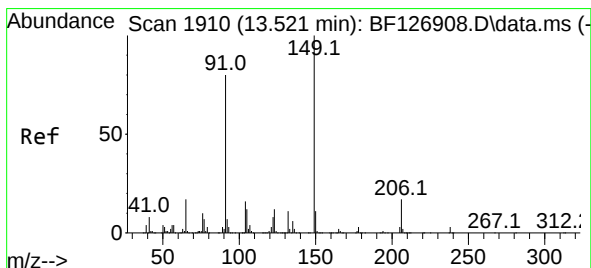
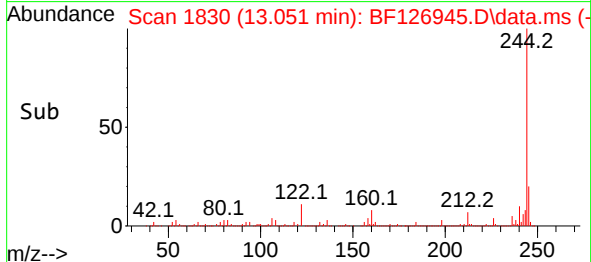
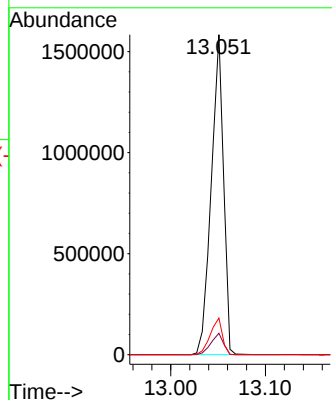
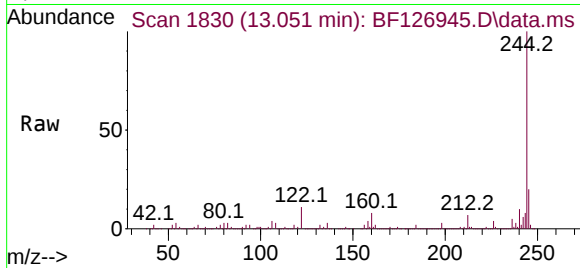




#79  
 Terphenyl-d14  
 Concen: 84.930 ng  
 RT: 13.051 min Scan# 1830  
 Delta R.T. 0.000 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

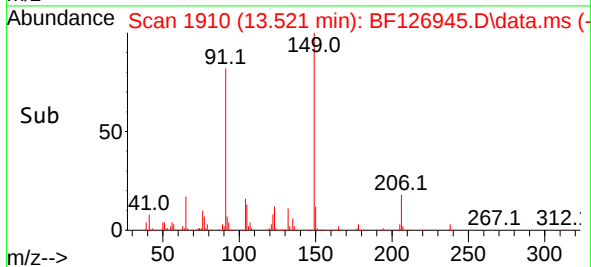
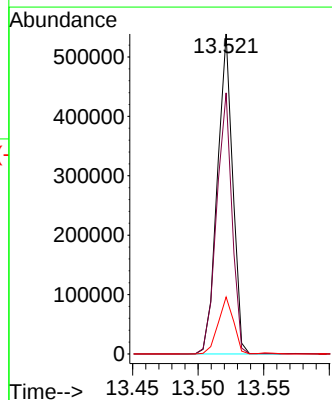
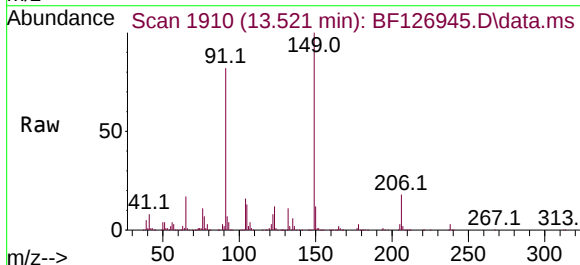
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142765BS

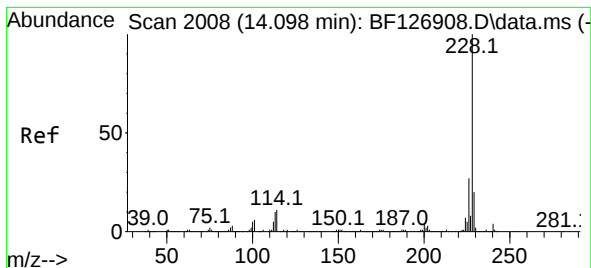
Tgt Ion:244 Resp: 1426553  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.0 7.4  
 122 11.5 13.3 19.9#



#80  
 Butylbenzylphthalate  
 Concen: 43.090 ng  
 RT: 13.521 min Scan# 1910  
 Delta R.T. 0.000 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

Tgt Ion:149 Resp: 437610  
 Ion Ratio Lower Upper  
 149 100  
 91 81.6 70.5 105.7  
 206 17.8 12.6 19.0





#81

Benzo(a)anthracene

Concen: 43.784 ng

RT: 14.098 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

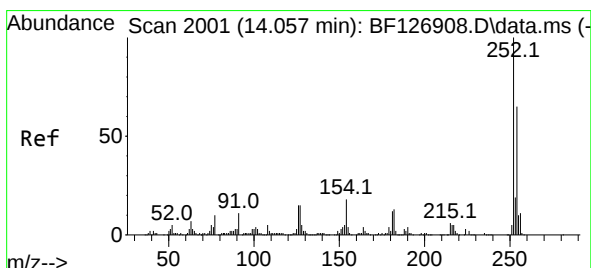
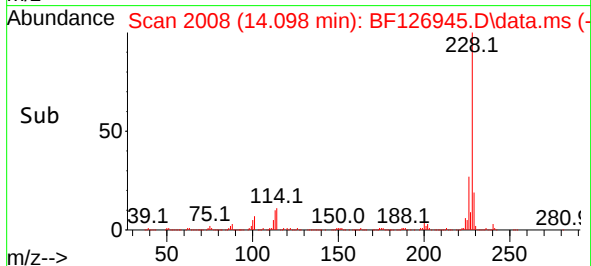
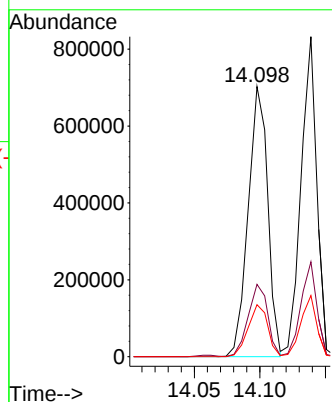
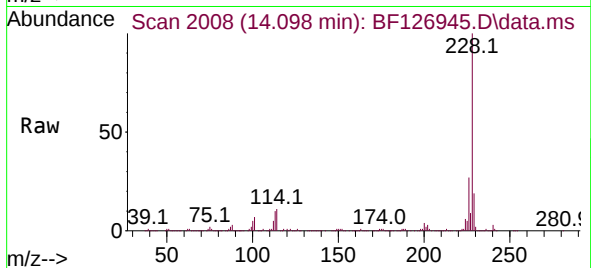
Tgt Ion:228 Resp: 728848

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.0

229 19.3 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 40.245 ng

RT: 14.063 min Scan# 2002

Delta R.T. 0.006 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

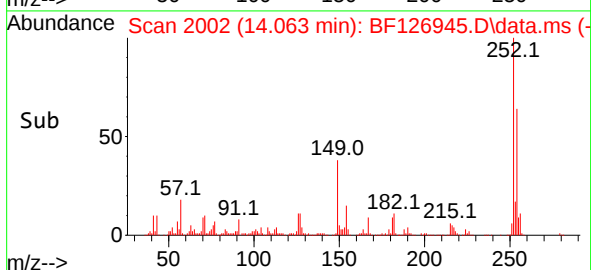
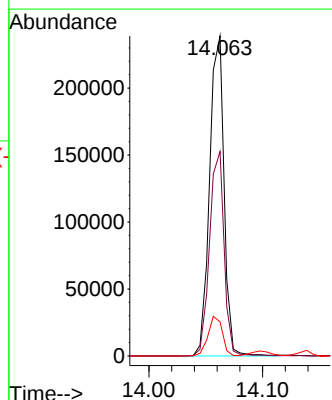
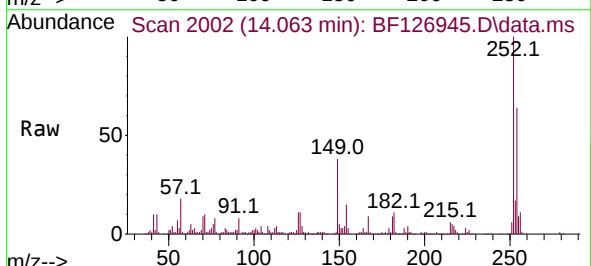
Tgt Ion:252 Resp: 211131

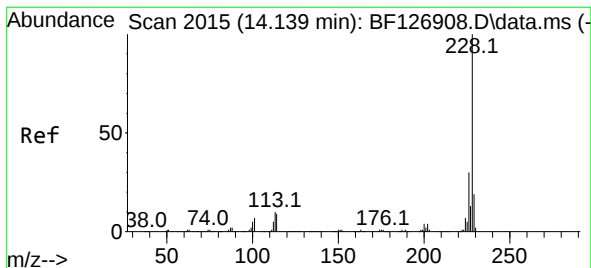
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.4

126 10.6 13.4 20.0#





#83

Chrysene

Concen: 44.609 ng

RT: 14.139 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

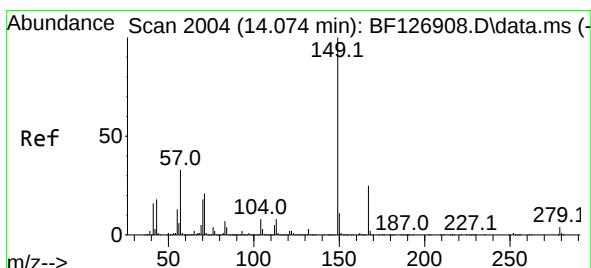
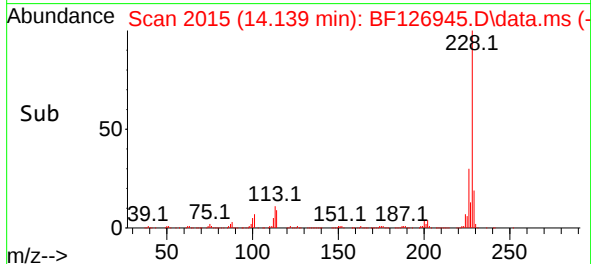
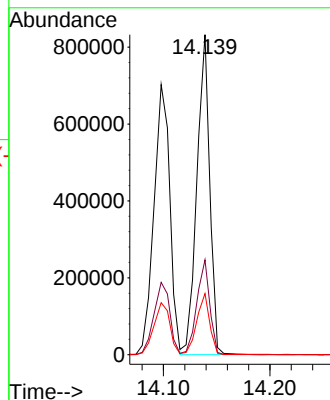
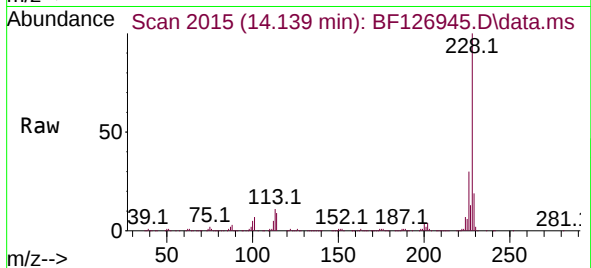
Tgt Ion:228 Resp: 698290

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.1 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.186 ng

RT: 14.074 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

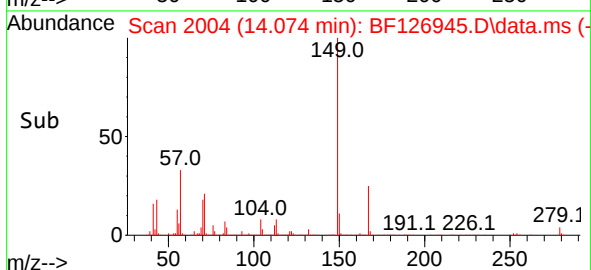
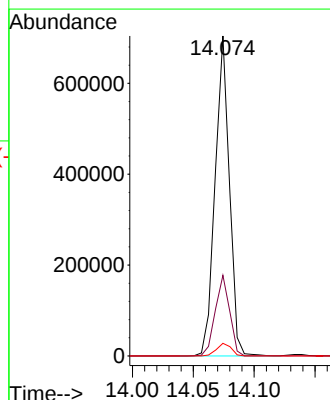
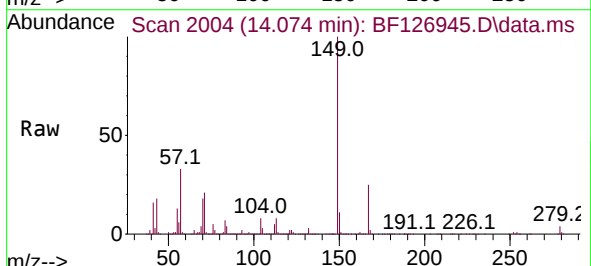
Tgt Ion:149 Resp: 575809

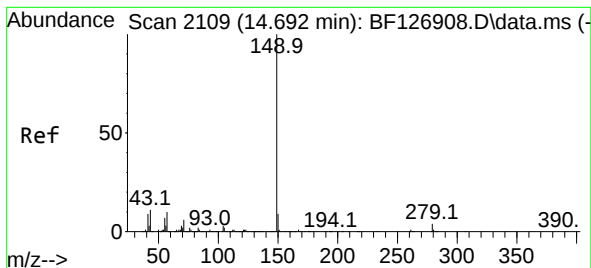
Ion Ratio Lower Upper

149 100

167 25.2 21.4 32.2

279 4.0 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 44.633 ng

RT: 14.692 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA\_F

ClientSampleId :

PB142765BS

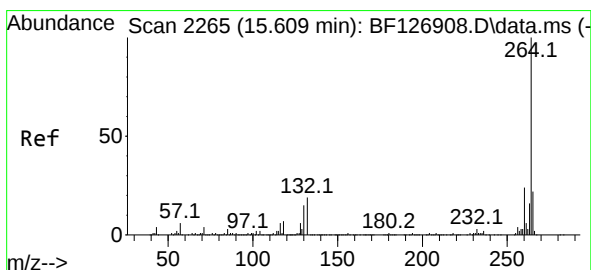
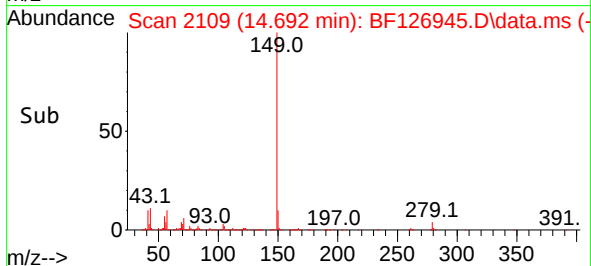
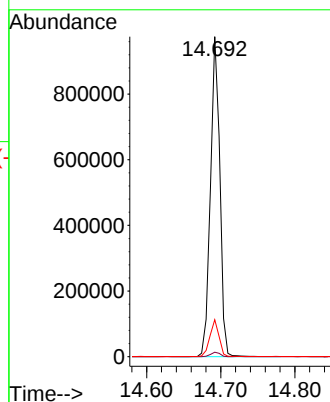
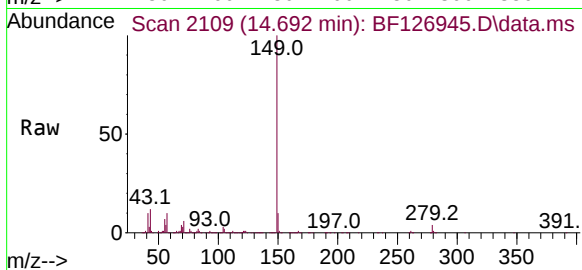
Tgt Ion:149 Resp: 856820

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 11.3 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

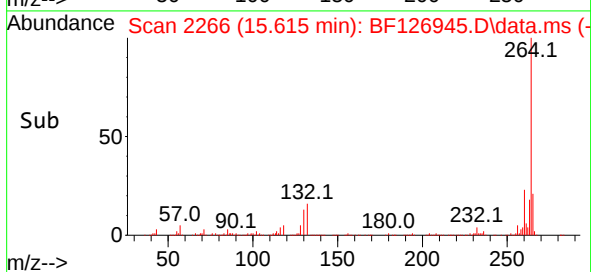
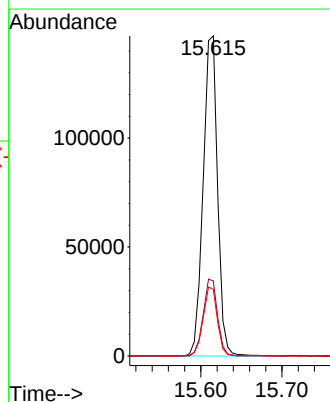
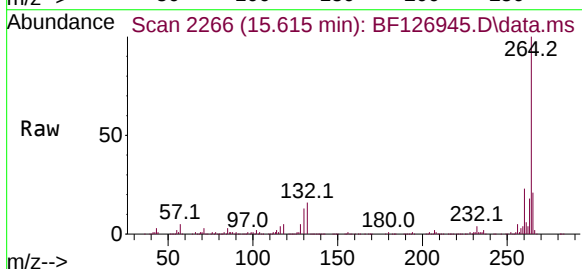
Tgt Ion:264 Resp: 180805

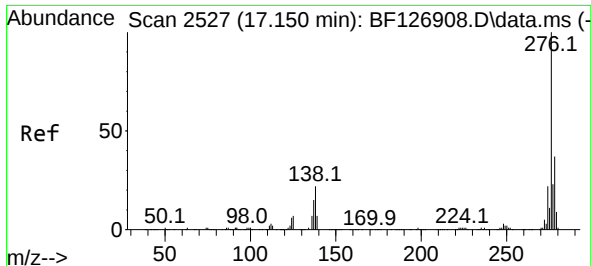
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 17.4 26.2

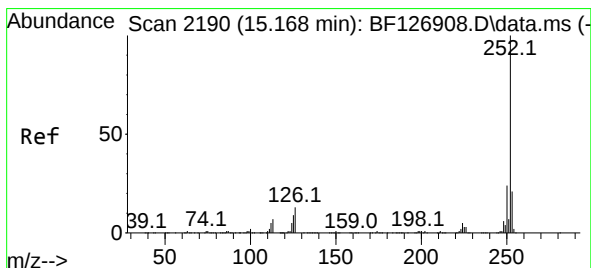
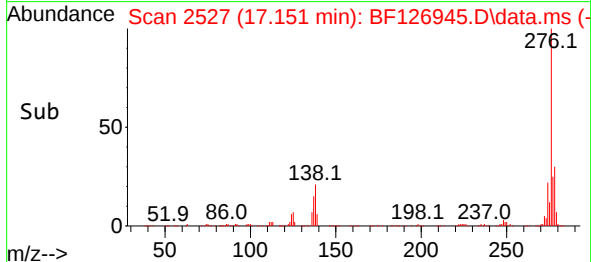
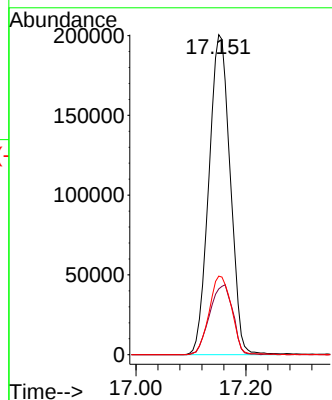
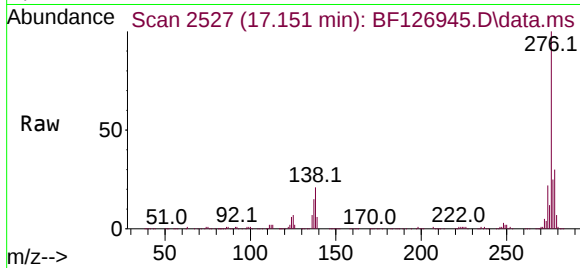




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.526 ng  
 RT: 17.151 min Scan# 2190  
 Delta R.T. 0.000 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

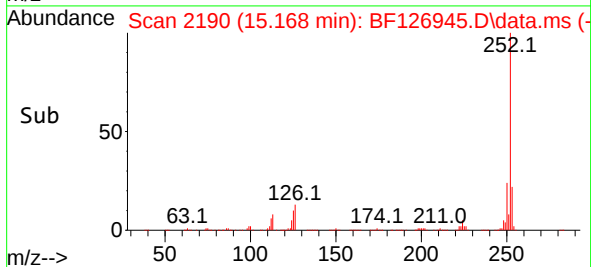
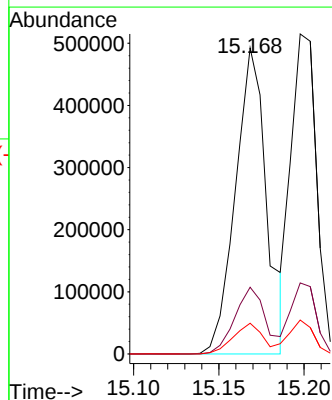
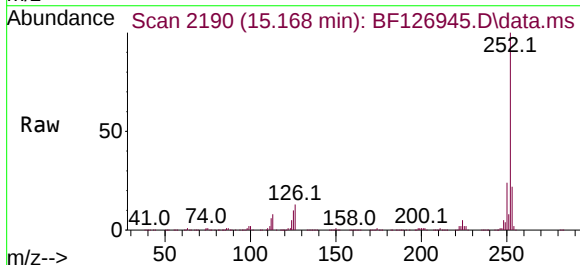
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142765BS

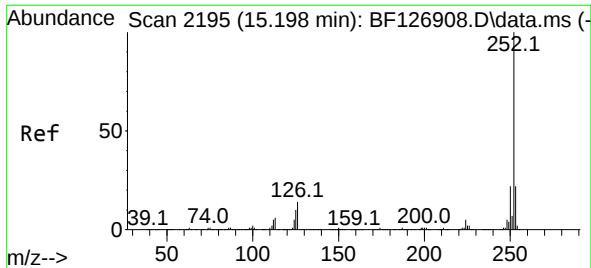
Tgt Ion:276 Resp: 539741  
 Ion Ratio Lower Upper  
 276 100  
 138 23.8 29.2 43.8#  
 277 25.8 19.8 29.8



#88  
 Benzo(b)fluoranthene  
 Concen: 51.568 ng  
 RT: 15.168 min Scan# 2190  
 Delta R.T. 0.000 min  
 Lab File: BF126945.D  
 Acq: 18 Feb 2022 11:18

Tgt Ion:252 Resp: 626216  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.8 26.8  
 125 10.0 12.4 18.6#

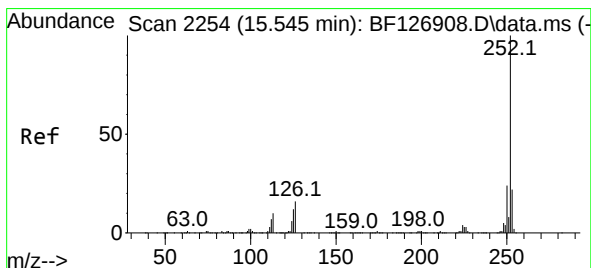
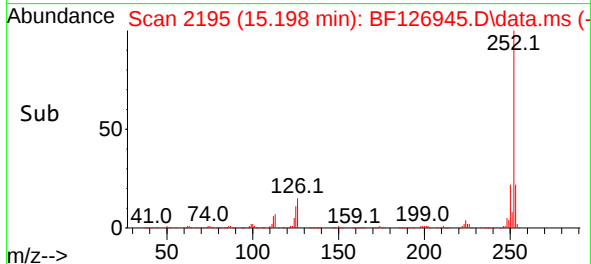
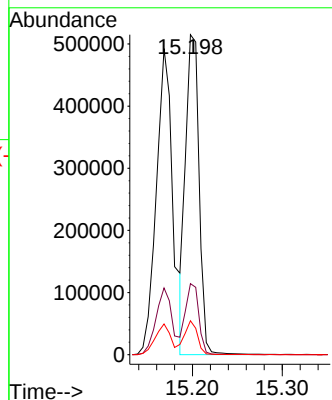
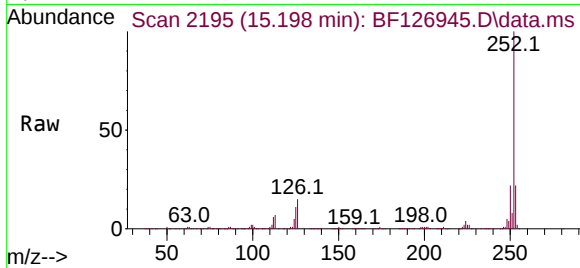




#89  
Benzo(k)fluoranthene  
Concen: 46.104 ng  
RT: 15.198 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

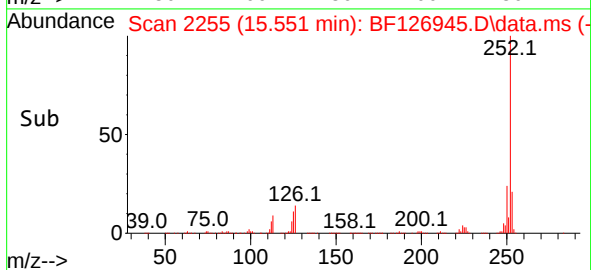
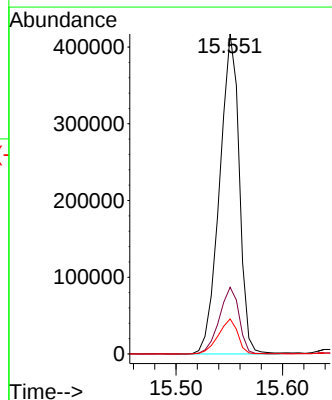
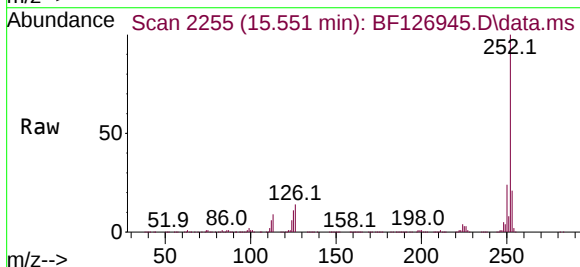
Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

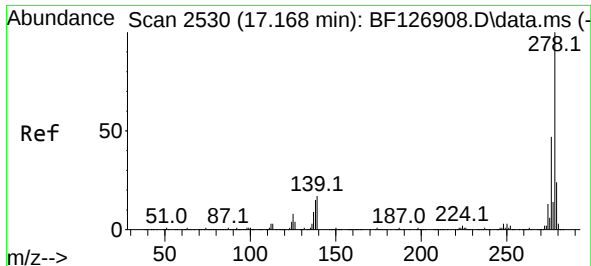
Tgt Ion:252 Resp: 540003  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 10.6 11.8 17.6#



#90  
Benzo(a)pyrene  
Concen: 56.289 ng  
RT: 15.551 min Scan# 2255  
Delta R.T. 0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:252 Resp: 533919  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.1 25.7  
125 11.0 13.0 19.6#

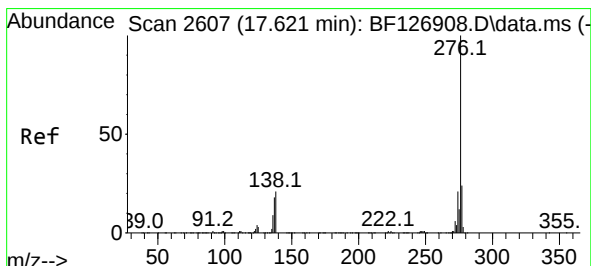
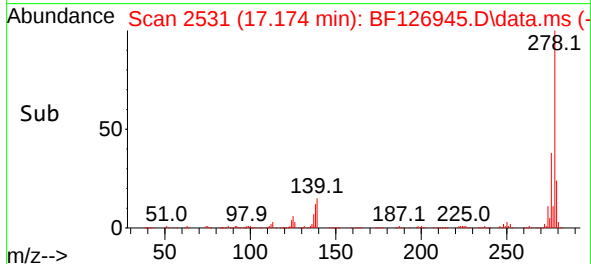
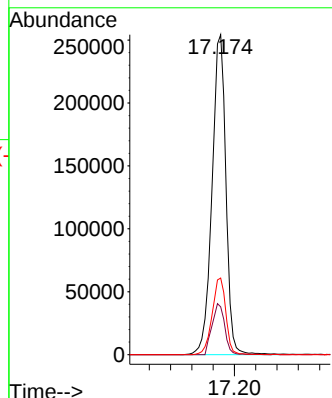
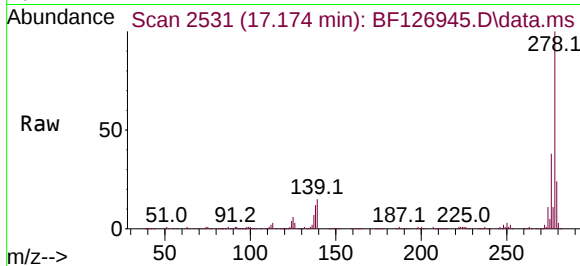




#91  
Dibenzo(a,h)anthracene  
Concen: 46.953 ng  
RT: 17.174 min Scan# 2531  
Delta R.T. 0.006 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB142765BS

Tgt Ion:278 Resp: 460384  
Ion Ratio Lower Upper  
278 100  
139 15.0 18.0 27.0#  
279 23.9 18.6 27.8



#92  
Benzo(g,h,i)perylene  
Concen: 46.911 ng  
RT: 17.621 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: BF126945.D  
Acq: 18 Feb 2022 11:18

Tgt Ion:276 Resp: 453470  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.5 27.7  
138 20.4 25.9 38.9#

