

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033022\  
 Data File : BF127584.D  
 Acq On : 30 Mar 2022 13:23  
 Operator : CG\JU  
 Sample : PB143724BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143724BS

Quant Time: Mar 30 16:32:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 98753    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 366793   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 209264   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 369047   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.016 | 240  | 238169   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 192315   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 705030   | 113.959 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.481  | 99   | 943292   | 111.544 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 649767   | 75.723  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.675 | 330  | 236965   | 106.301 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1067783  | 74.509  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 1154328  | 79.341  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.663  | 88   | 107396   | 39.524  | ng    | 94       |
| 3) Pyridine                   | 3.440  | 79   | 242433   | 31.611  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.399  | 42   | 182409   | 43.319  | ng    | 99       |
| 6) Aniline                    | 6.504  | 93   | 333954   | 33.092  | ng    | # 90     |
| 8) 2-Chlorophenol             | 6.628  | 128  | 281481   | 44.523  | ng    | 99       |
| 9) Benzaldehyde               | 6.393  | 77   | 175377   | 40.578  | ng    | 98       |
| 10) Phenol                    | 6.492  | 94   | 391276   | 42.485  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.575  | 93   | 304362   | 45.165  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 296941   | 41.759  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 297704   | 41.621  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 283115   | 40.640  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.987  | 79   | 275412   | 44.813  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 526468   | 43.415  | ng    | 65       |
| 17) 2-Methylphenol            | 7.098  | 107  | 230112   | 43.128  | ng    | 93       |
| 18) Hexachloroethane          | 7.340  | 117  | 114045   | 43.552  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 215841   | 42.580  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.251  | 107  | 280924   | 42.688  | ng    | 94       |
| 22) Acetophenone              | 7.251  | 105  | 379347   | 40.459  | ng    | 98       |
| 24) Nitrobenzene              | 7.428  | 77   | 345241   | 42.188  | ng    | 97       |
| 25) Isophorone                | 7.657  | 82   | 628507   | 45.988  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.739  | 139  | 144720   | 42.167  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 248285   | 48.092  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 376025   | 42.355  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.987  | 162  | 246150   | 41.999  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 267427   | 39.157  | ng    | 96       |
| 31) Naphthalene               | 8.139  | 128  | 795656   | 40.858  | ng    | 99       |
| 32) Benzoic acid              | 7.939  | 122  | 116899   | 40.481  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.198  | 127  | 112843   | 14.954  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 168430   | 38.837  | ng    | 98       |
| 35) Caprolactam               | 8.581  | 113  | 47193    | 26.119  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 269671   | 42.409  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 529478   | 42.285  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 497212   | 40.157  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 269921   | 40.567  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 144346   | 68.172  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 166128   | 41.305  | ng    | 98       |

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 Sample : PB143724BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

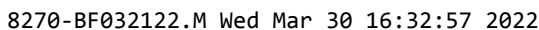
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 BNA\_F  
 ClientSampleId :  
 PB143724BS

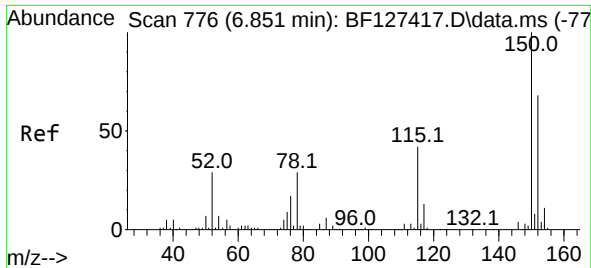
Quant Time: Mar 30 16:32:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.163  | 196  | 172038   | 41.553 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 638004   | 40.367 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 505675   | 40.630 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 200189   | 41.969 | ng    | 98       |
| 49) Acenaphthylene            | 9.739  | 152  | 774035   | 41.138 | ng    | 100      |
| 50) Dimethylphthalate         | 9.598  | 163  | 612652   | 42.083 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 132188   | 43.256 | ng    | 94       |
| 52) Acenaphthene              | 9.910  | 154  | 451099   | 41.091 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 83954    | 25.045 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 102967   | 68.201 | ng    | 99       |
| 55) Dibenzofuran              | 10.080 | 168  | 650407   | 40.747 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 117036   | 68.596 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 160432   | 40.786 | ng    | # 90     |
| 58) Fluorene                  | 10.428 | 166  | 537192   | 42.083 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 143661   | 39.247 | ng    | 99       |
| 60) Diethylphthalate          | 10.298 | 149  | 548161   | 41.225 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 287858   | 38.258 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 123643   | 39.378 | ng    | 97       |
| 63) Azobenzene                | 10.575 | 77   | 640821   | 40.844 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 85341    | 37.581 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.539 | 169  | 468374   | 41.693 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 176526   | 40.970 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 198151   | 42.131 | ng    | 93       |
| 69) Atrazine                  | 11.069 | 200  | 179337   | 47.952 | ng    | 97       |
| 70) Pentachlorophenol         | 11.175 | 266  | 128245   | 71.414 | ng    | 99       |
| 71) Phenanthrene              | 11.392 | 178  | 786255   | 40.866 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 804644   | 42.143 | ng    | 98       |
| 73) Carbazole                 | 11.604 | 167  | 723298   | 39.613 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 845740   | 44.748 | ng    | 100      |
| 75) Fluoranthene              | 12.586 | 202  | 867924   | 41.014 | ng    | 99       |
| 77) Benzidine                 | 12.710 | 184  | 259228   | 45.648 | ng    | 98       |
| 78) Pyrene                    | 12.816 | 202  | 867579   | 42.445 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 320255   | 47.605 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 671268   | 42.145 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 121029   | 25.855 | ng    | 99       |
| 83) Chrysene                  | 14.045 | 228  | 636176   | 42.180 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 389519   | 50.089 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.580 | 149  | 593431   | 57.345 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 506805   | 38.945 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.063 | 252  | 528795   | 43.609 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.092 | 252  | 539175   | 42.892 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.433 | 252  | 510799   | 51.329 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.004 | 278  | 446269   | 41.537 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.456 | 276  | 436251   | 39.284 | ng    | 98       |

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

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QLast Update : Tue Mar 29 07:13:31 2022  
Response via : Initial Calibration

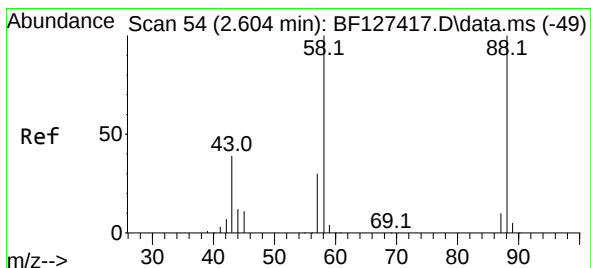
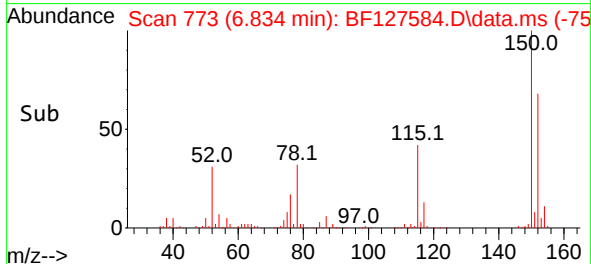
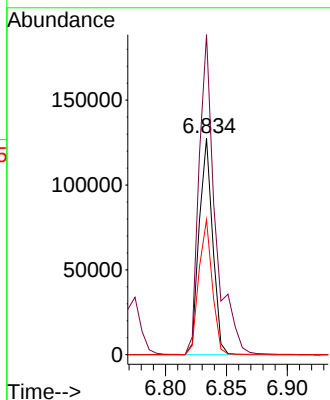
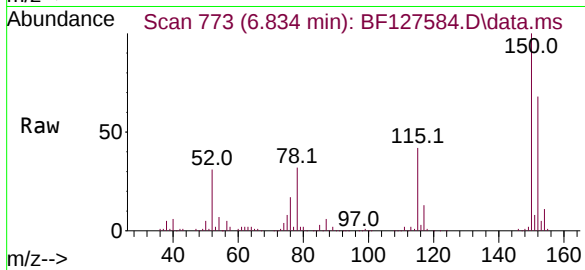




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.834 min Scan# 71  
 Delta R.T. 0.001 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

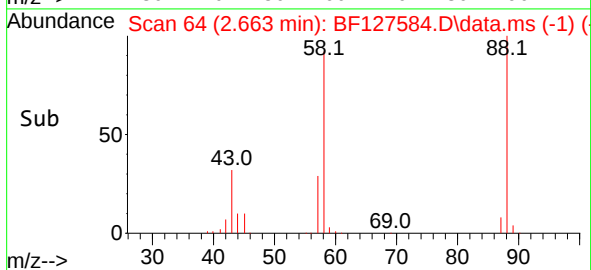
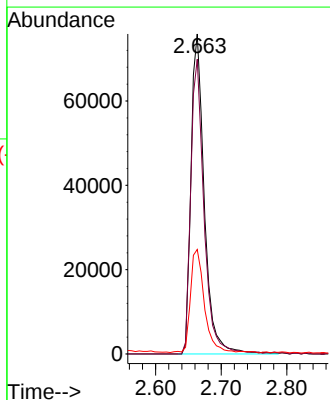
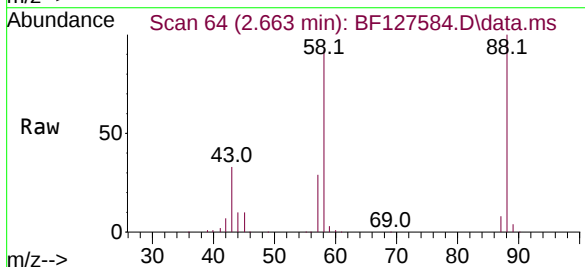
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143724BS

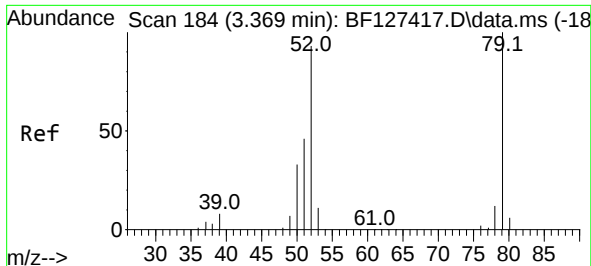
Tgt Ion:152 Resp: 98753  
 Ion Ratio Lower Upper  
 152 100  
 150 147.7 117.2 175.8  
 115 62.3 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 39.524 ng  
 RT: 2.663 min Scan# 64  
 Delta R.T. 0.077 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

Tgt Ion: 88 Resp: 107396  
 Ion Ratio Lower Upper  
 88 100  
 58 91.7 77.0 115.4  
 43 33.5 31.3 46.9

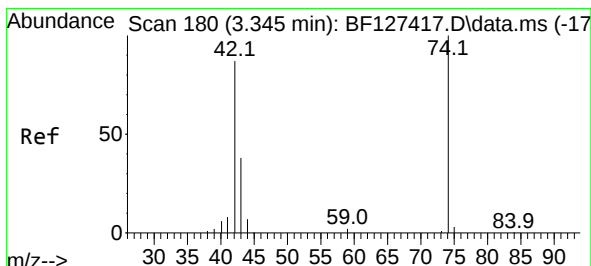
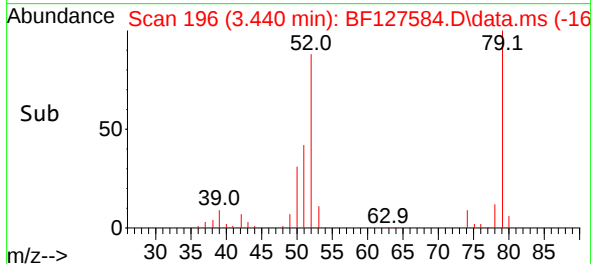
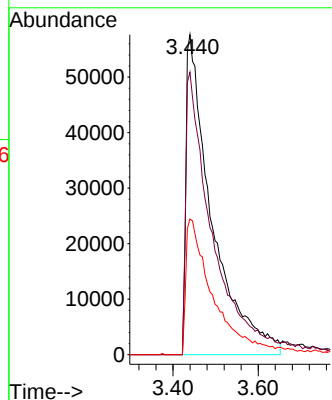
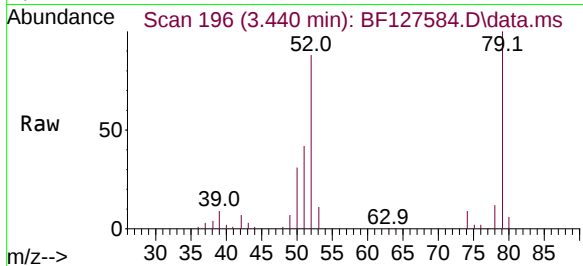




#3  
Pyridine  
Concen: 31.611 ng  
RT: 3.440 min Scan# 184  
Delta R.T. 0.094 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

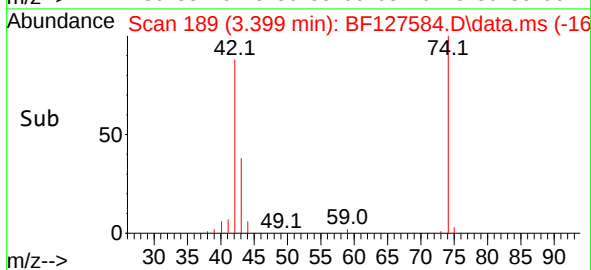
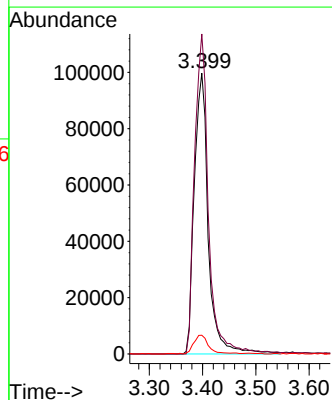
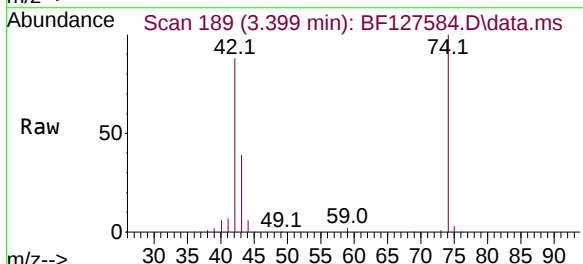
Instrument :  
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ClientSampleId :  
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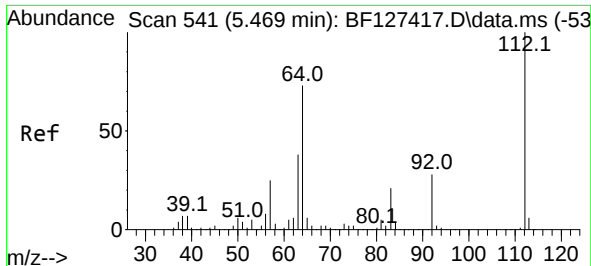
Tgt Ion: 79 Resp: 242433  
Ion Ratio Lower Upper  
79 100  
52 88.3 74.2 111.4  
51 42.4 36.7 55.1



#4  
n-Nitrosodimethylamine  
Concen: 43.319 ng  
RT: 3.399 min Scan# 189  
Delta R.T. 0.071 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 42 Resp: 182409  
Ion Ratio Lower Upper  
42 100  
74 114.0 92.4 138.6  
44 6.7 6.0 9.0

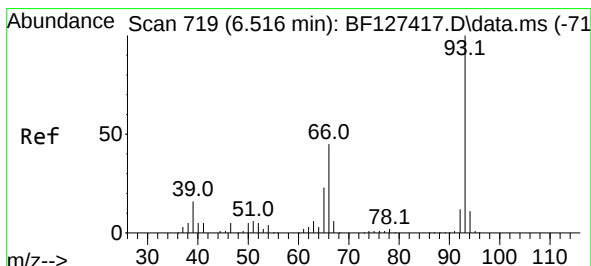
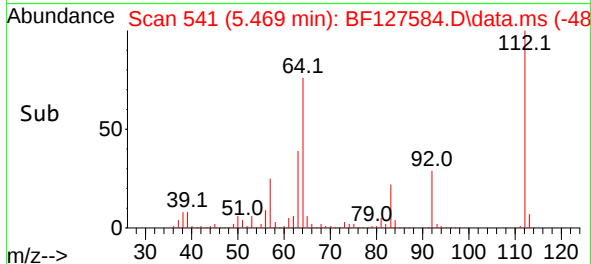
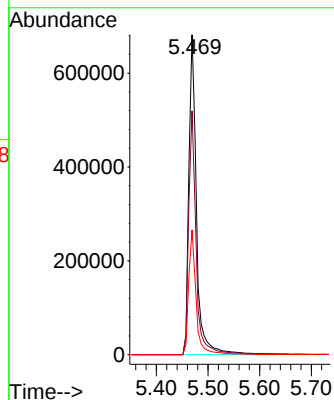
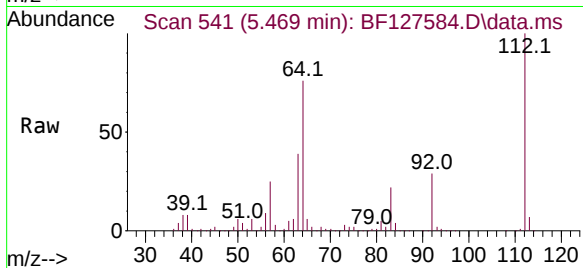




#5  
2-Fluorophenol  
Concen: 113.959 ng  
RT: 5.469 min Scan# 541  
Delta R.T. 0.012 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

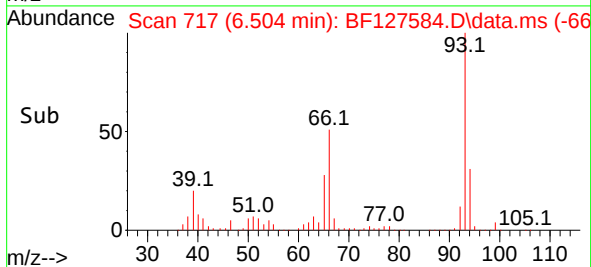
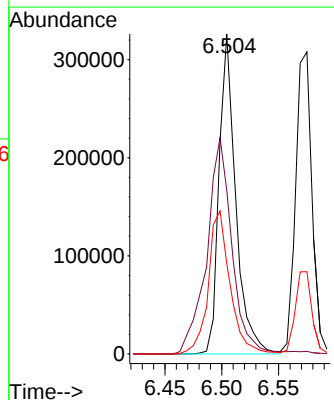
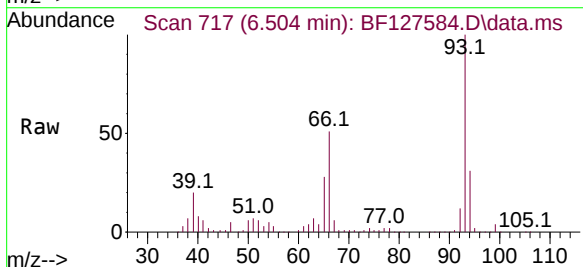
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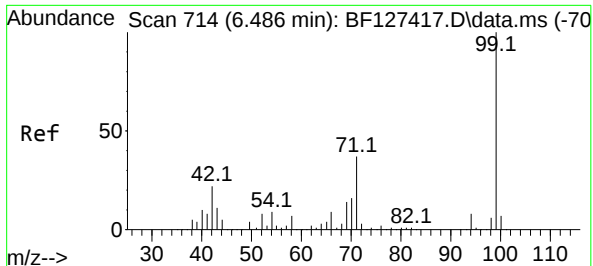
Tgt Ion:112 Resp: 705030  
Ion Ratio Lower Upper  
112 100  
64 76.2 58.4 87.6  
63 39.0 30.1 45.1



#6  
Aniline  
Concen: 33.092 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 93 Resp: 333954  
Ion Ratio Lower Upper  
93 100  
66 51.2 36.2 54.4  
65 28.3 18.4 27.6#

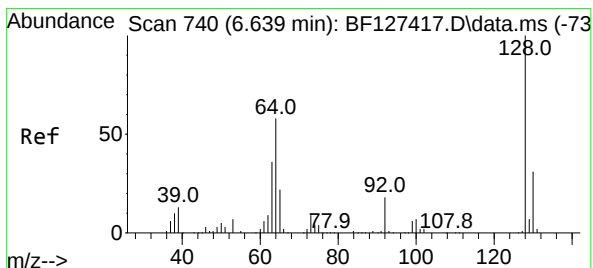
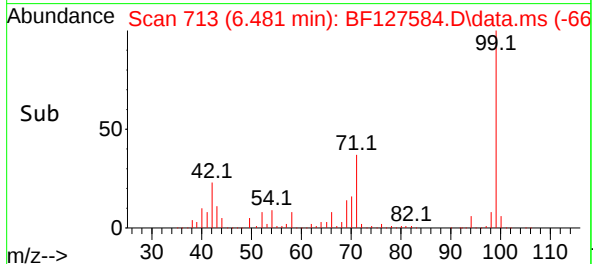
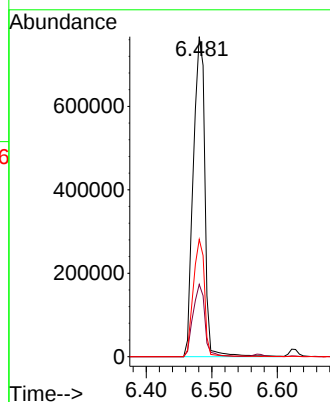
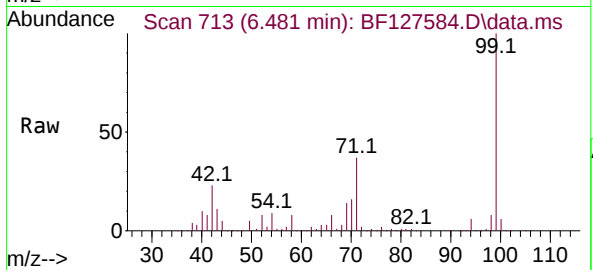




#7  
Phenol-d6  
Concen: 111.544 ng  
RT: 6.481 min Scan# 713  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

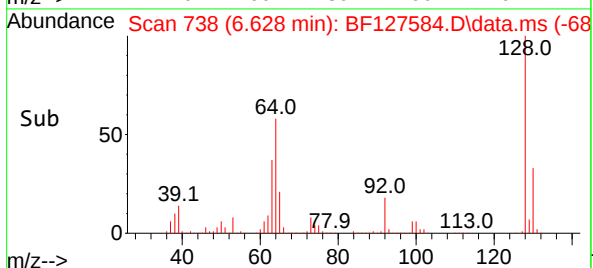
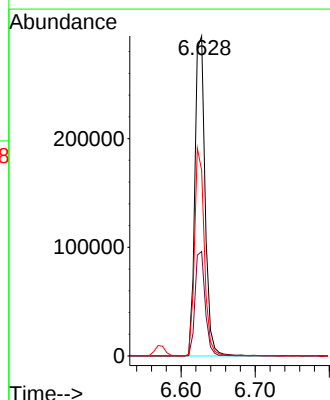
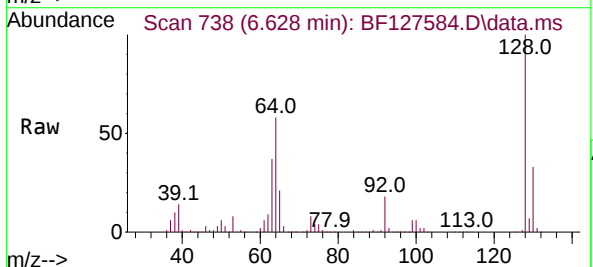
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BNA\_F  
ClientSampleId :  
PB143724BS

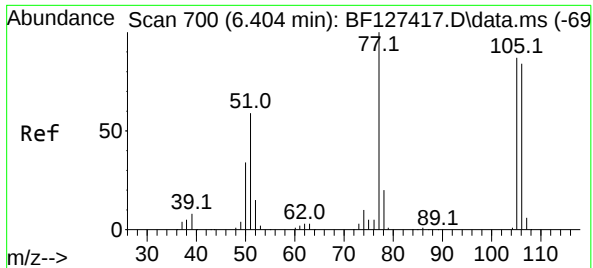
Tgt Ion: 99 Resp: 943292  
Ion Ratio Lower Upper  
99 100  
42 22.6 17.8 26.6  
71 36.6 29.6 44.4



#8  
2-Chlorophenol  
Concen: 44.523 ng  
RT: 6.628 min Scan# 738  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 128 Resp: 281481  
Ion Ratio Lower Upper  
128 100  
130 32.7 11.3 51.3  
64 58.0 38.4 78.4

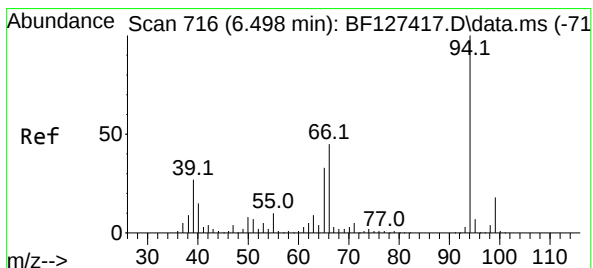
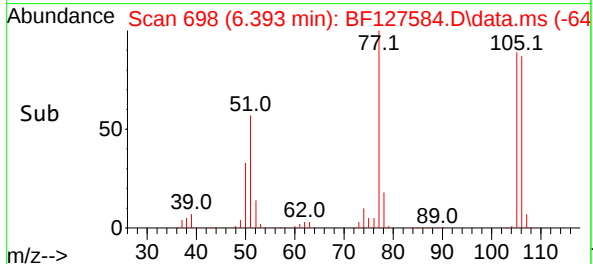
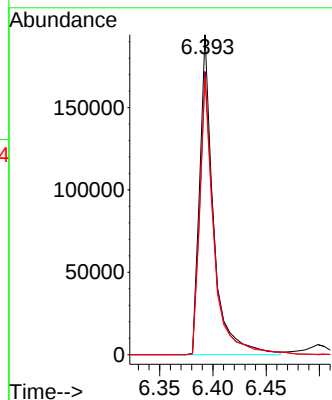
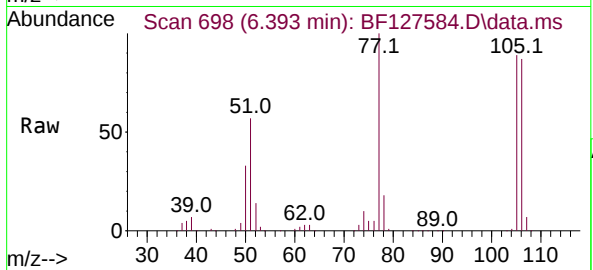




#9  
Benzaldehyde  
Concen: 40.578 ng  
RT: 6.393 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

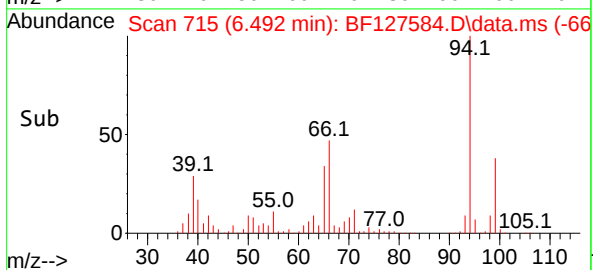
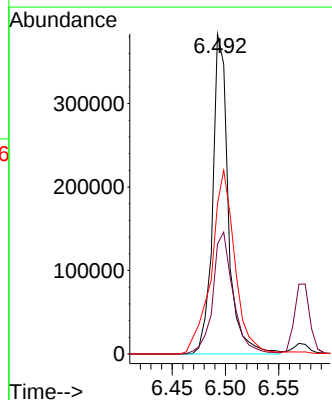
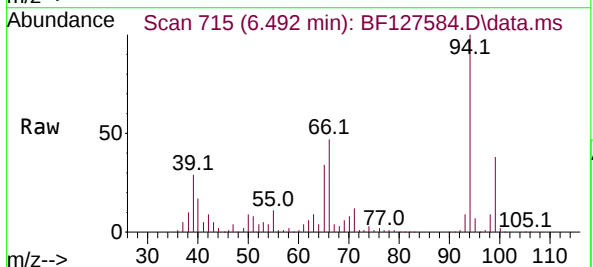
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

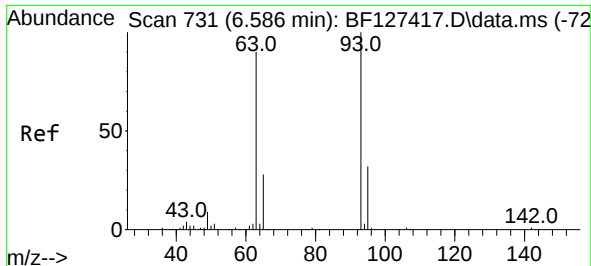
Tgt Ion: 77 Resp: 175377  
Ion Ratio Lower Upper  
77 100  
105 88.5 66.8 106.8  
106 86.7 64.3 104.3



#10  
Phenol  
Concen: 42.485 ng  
RT: 6.492 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 94 Resp: 391276  
Ion Ratio Lower Upper  
94 100  
65 34.4 13.1 53.1  
66 46.9 24.9 64.9

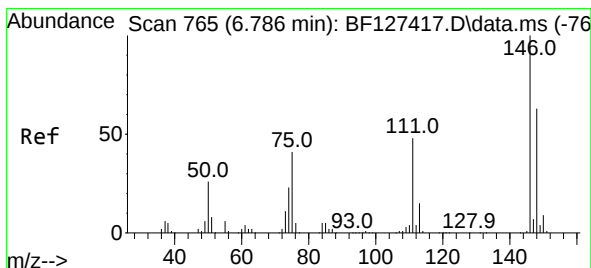
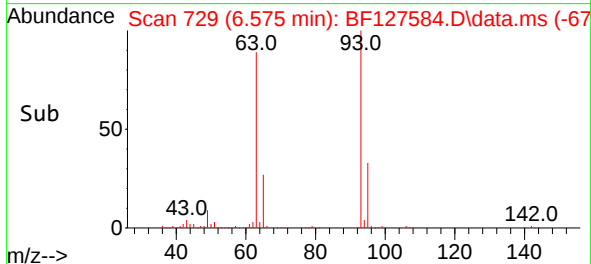
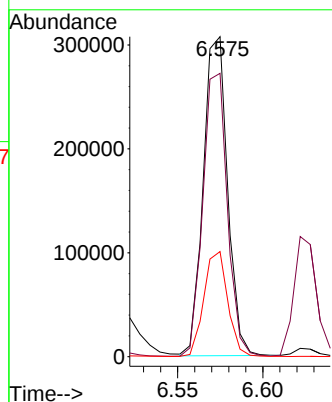
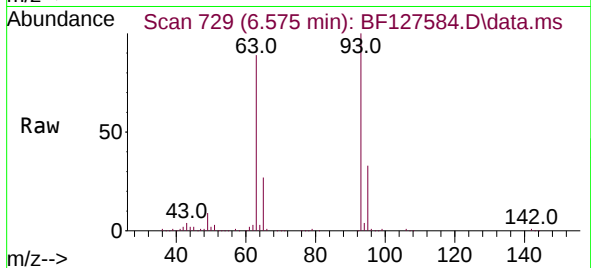




#11  
bis(2-Chloroethyl)ether  
Concen: 45.165 ng  
RT: 6.575 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

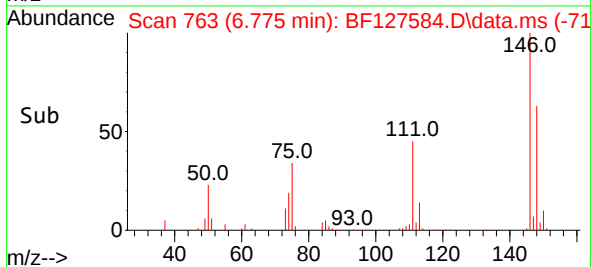
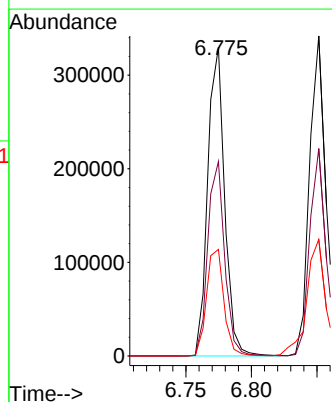
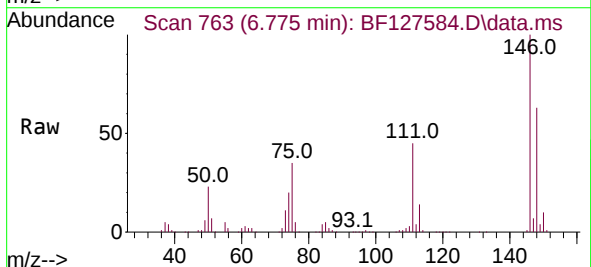
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

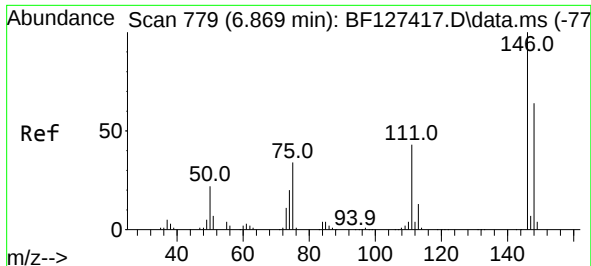
Tgt Ion: 93 Resp: 304362  
Ion Ratio Lower Upper  
93 100  
63 88.6 69.6 109.6  
95 32.8 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 41.759 ng  
RT: 6.775 min Scan# 763  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 146 Resp: 296941  
Ion Ratio Lower Upper  
146 100  
148 63.0 50.6 76.0  
75 34.5 32.4 48.6

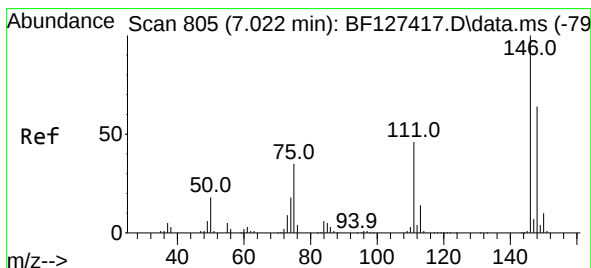
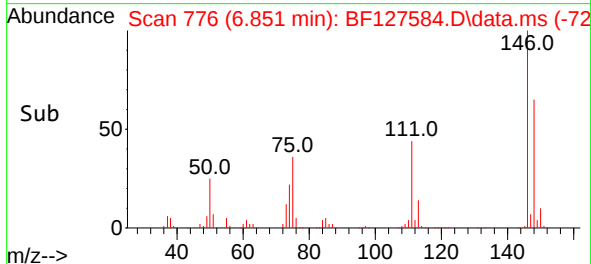
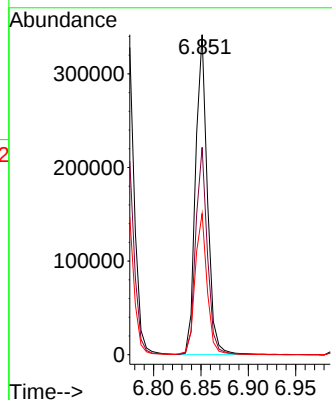
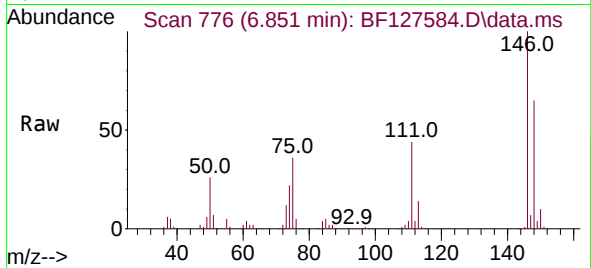




#13  
1,4-Dichlorobenzene  
Concen: 41.621 ng  
RT: 6.851 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

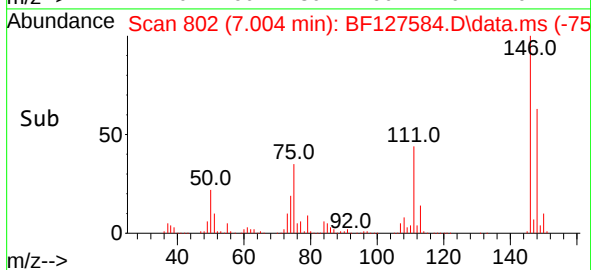
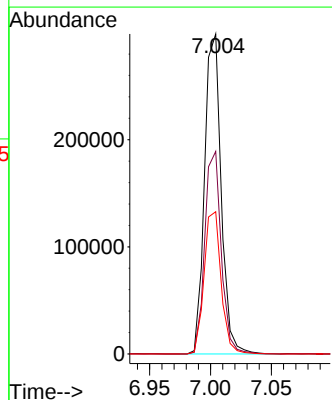
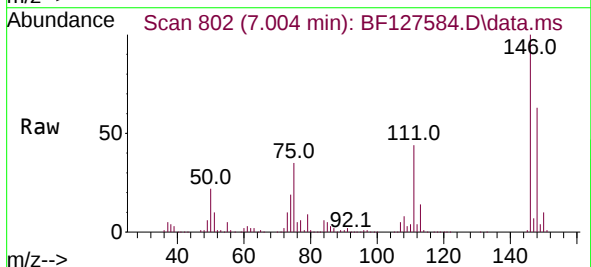
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

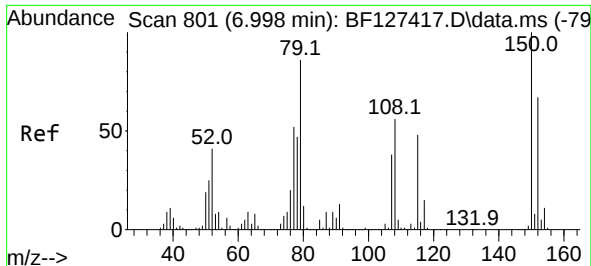
Tgt Ion:146 Resp: 297704  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.3 76.9  
111 44.1 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 40.640 ng  
RT: 7.004 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:146 Resp: 283115  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.4 77.2  
111 44.5 36.4 54.6

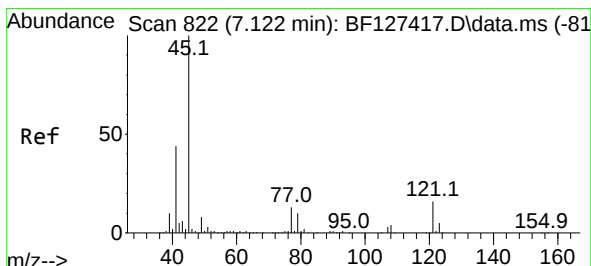
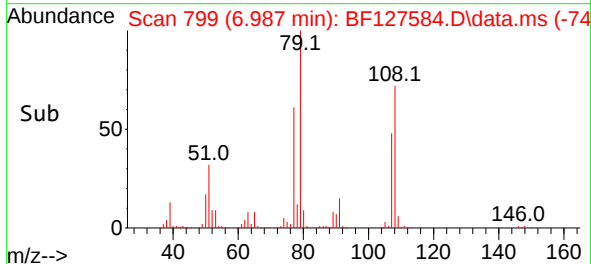
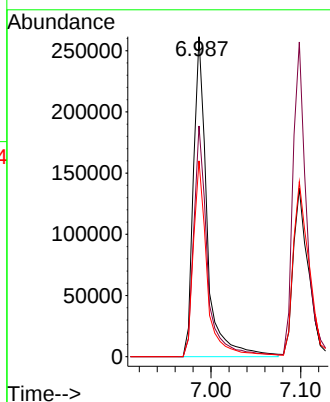
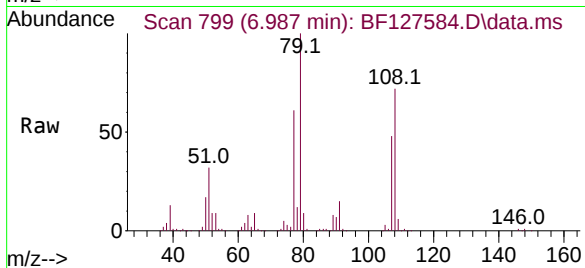




#15  
Benzyl Alcohol  
Concen: 44.813 ng  
RT: 6.987 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

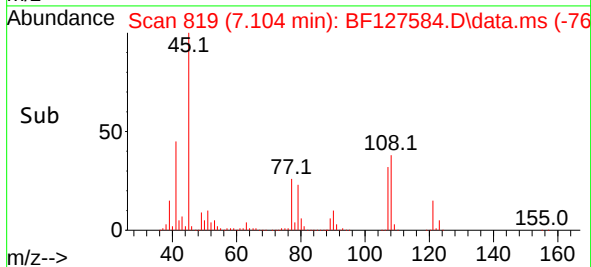
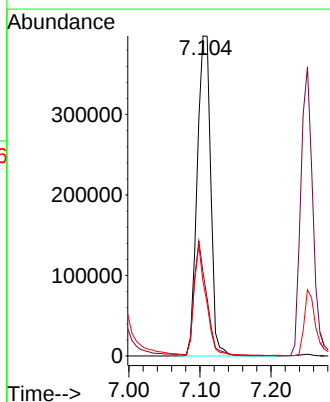
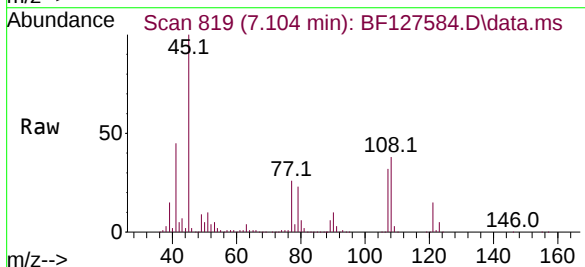
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

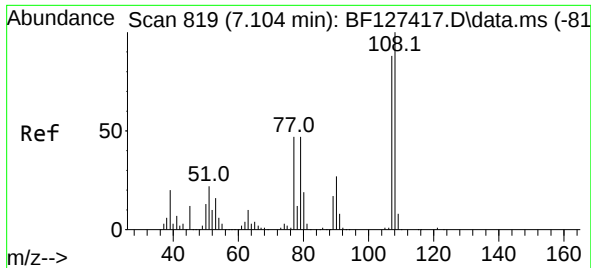
Tgt Ion: 79 Resp: 275412  
Ion Ratio Lower Upper  
79 100  
108 72.1 52.2 78.2  
77 61.2 48.3 72.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.415 ng  
RT: 7.104 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 45 Resp: 526468  
Ion Ratio Lower Upper  
45 100  
77 26.2 0.0 32.9  
79 23.3 0.0 29.9

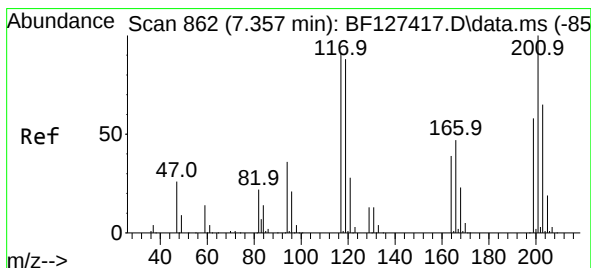
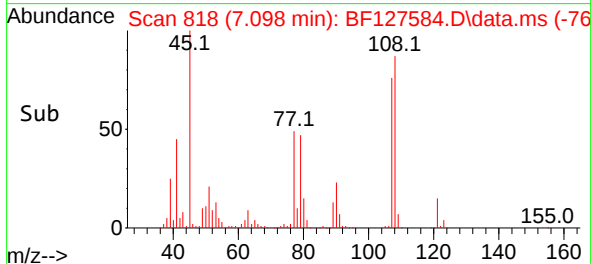
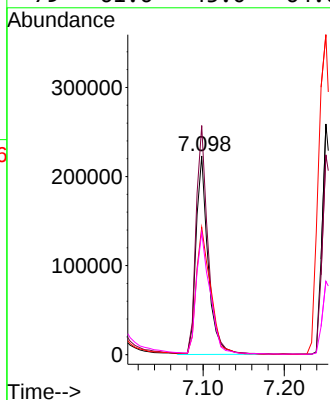
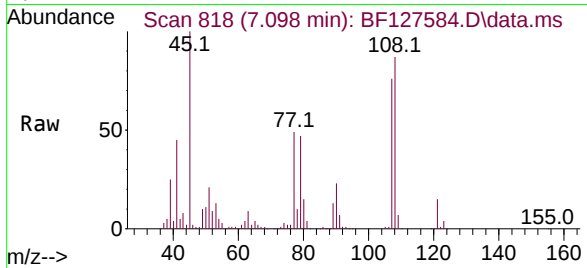




#17  
2-Methylphenol  
Concen: 43.128 ng  
RT: 7.098 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

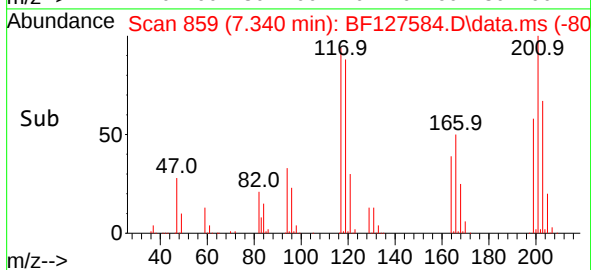
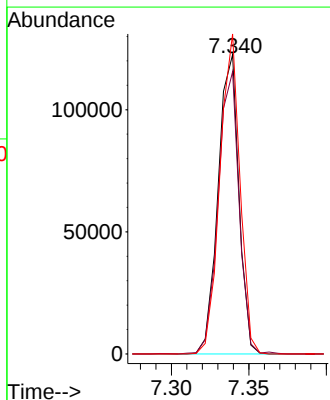
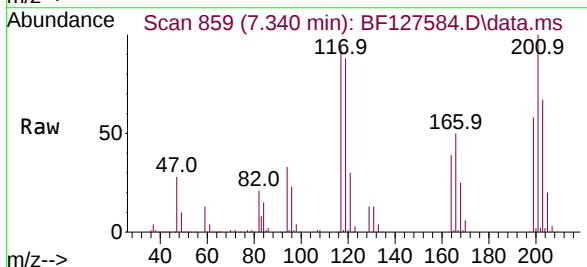
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

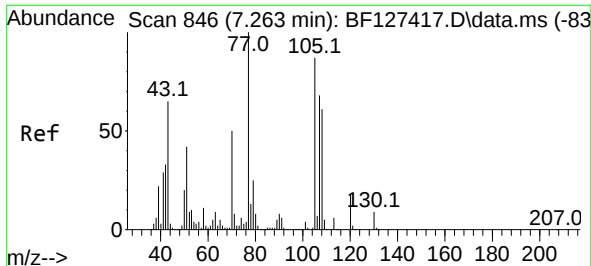
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 230112 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.3 | 90.7  | 136.1  |
| 77       | 64.1  | 42.9  | 64.3   |
| 79       | 61.6  | 43.0  | 64.6   |



#18  
Hexachloroethane  
Concen: 43.552 ng  
RT: 7.340 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 114045 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.3  | 77.6  | 116.4  |
| 201      | 106.9 | 88.2  | 132.2  |



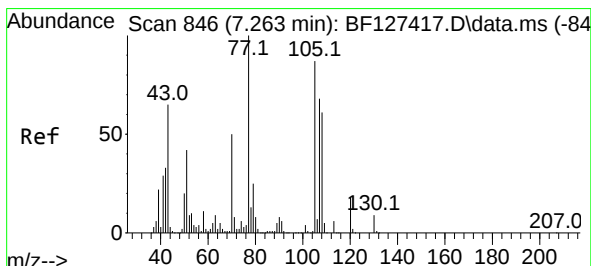
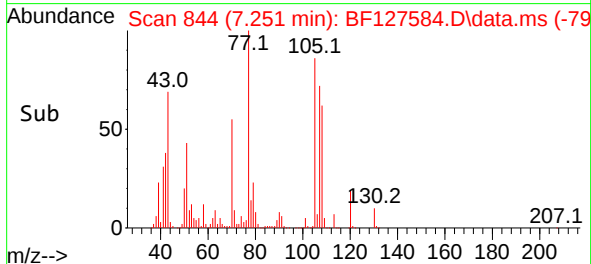
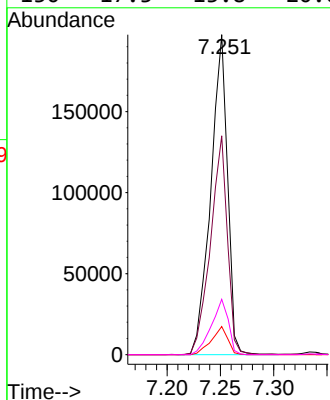
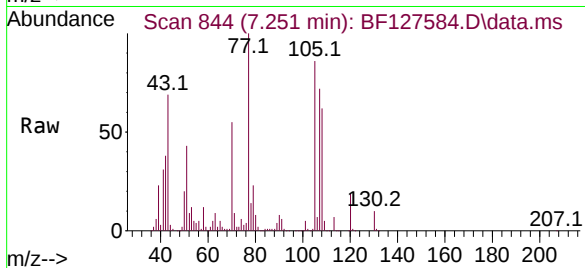


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.580 ng  
RT: 7.251 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

Tgt Ion: 70 Resp: 215841

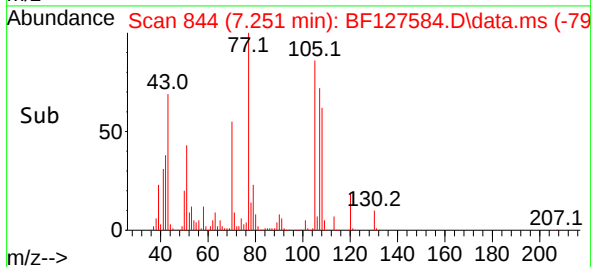
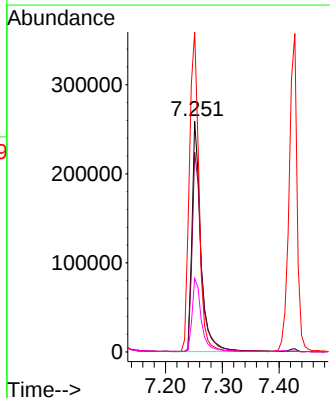
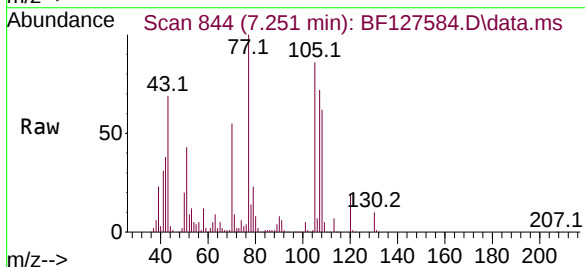
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 68.4  | 53.0  | 79.6  |
| 101 | 8.8   | 6.8   | 10.2  |
| 130 | 17.3  | 13.8  | 20.6  |

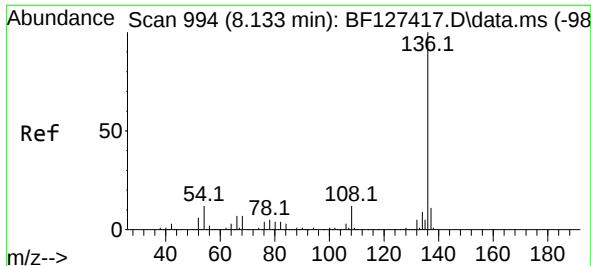


#20  
3+4-Methylphenols  
Concen: 42.688 ng  
RT: 7.251 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 107 Resp: 280924

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 86.6  | 70.7  | 110.7 |
| 77  | 138.7 | 127.9 | 167.9 |
| 79  | 31.8  | 16.8  | 56.8  |



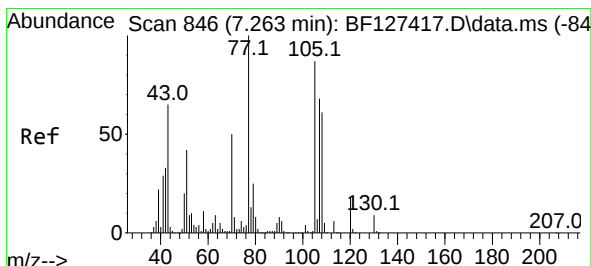
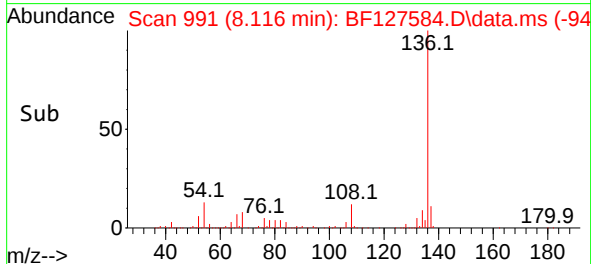
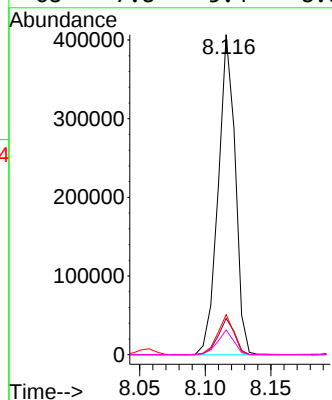
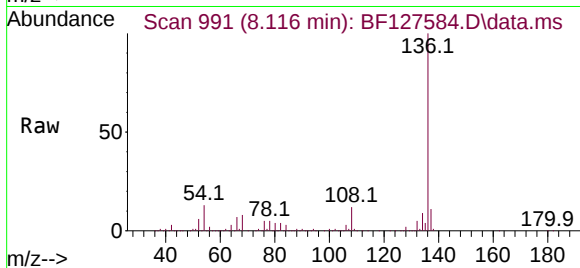


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

Tgt Ion:136 Resp: 366793

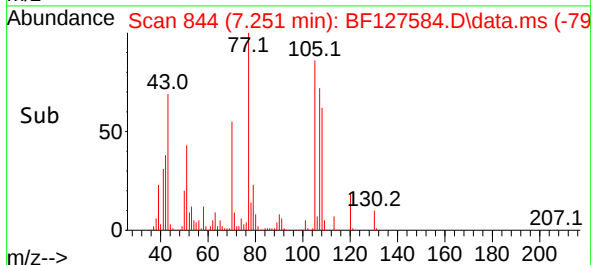
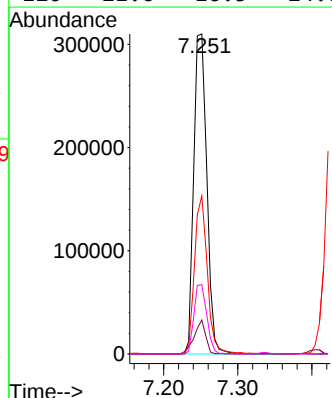
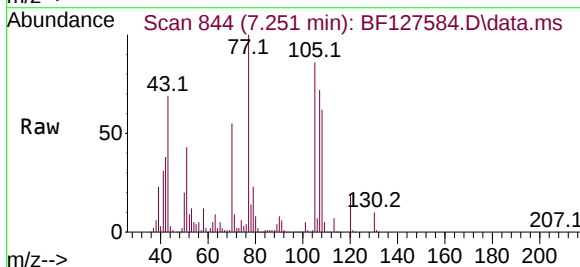
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.6   | 13.0  |
| 54  | 12.5  | 9.2   | 13.8  |
| 68  | 7.8   | 5.4   | 8.0   |

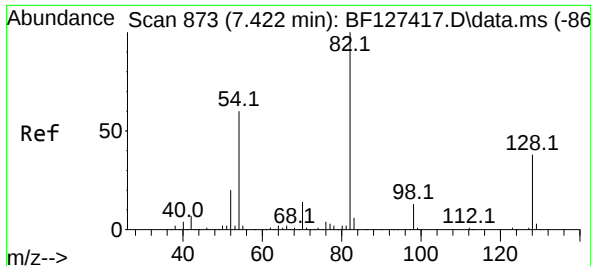


#22  
Acetophenone  
Concen: 40.459 ng  
RT: 7.251 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:105 Resp: 379347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 10.6  | 7.3   | 10.9  |
| 51  | 49.4  | 38.8  | 58.2  |
| 120 | 21.6  | 16.5  | 24.7  |

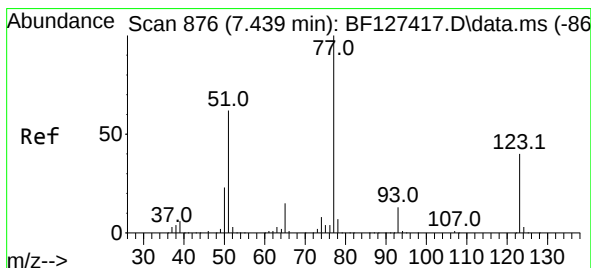
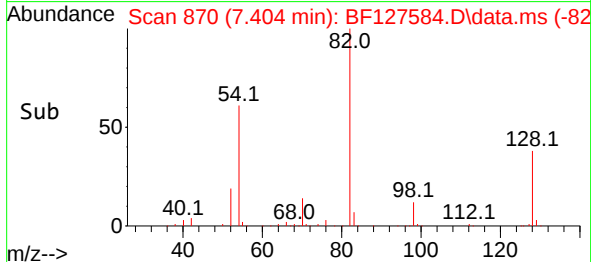
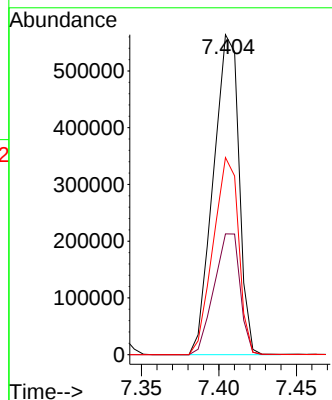
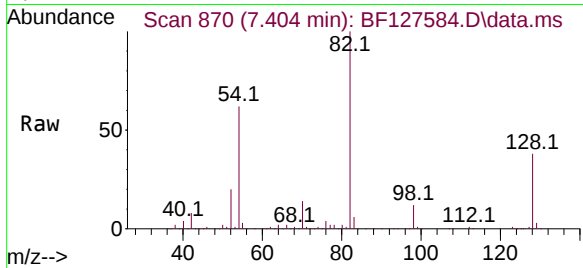




#23  
Nitrobenzene-d5  
Concen: 75.723 ng  
RT: 7.404 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

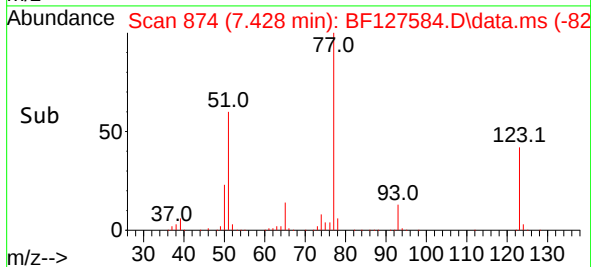
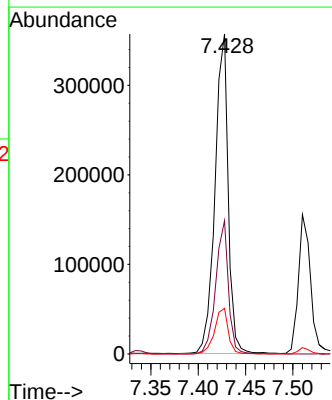
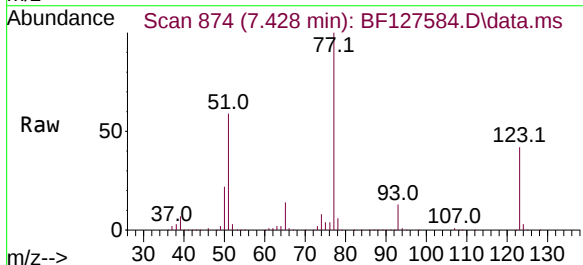
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

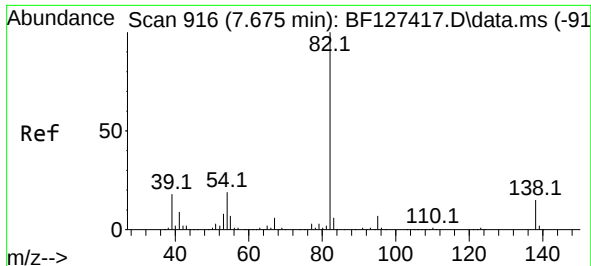
Tgt Ion: 82 Resp: 649767  
Ion Ratio Lower Upper  
82 100  
128 37.8 30.6 45.8  
54 61.6 48.2 72.2



#24  
Nitrobenzene  
Concen: 42.188 ng  
RT: 7.428 min Scan# 874  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 77 Resp: 345241  
Ion Ratio Lower Upper  
77 100  
123 41.7 32.0 48.0  
65 14.3 12.2 18.2

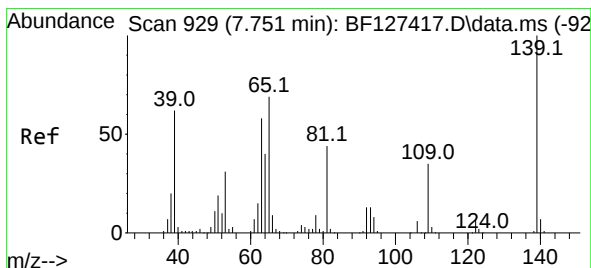
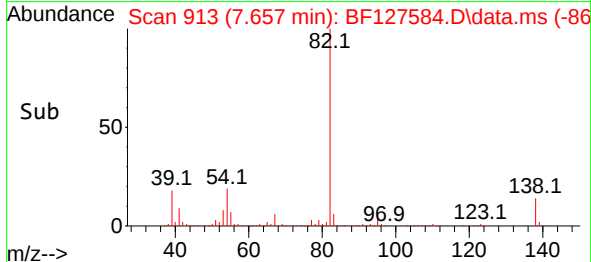
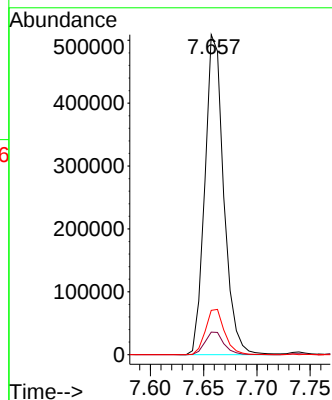
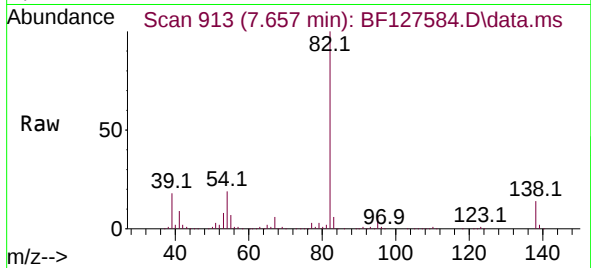




#25  
Isophorone  
Concen: 45.988 ng  
RT: 7.657 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

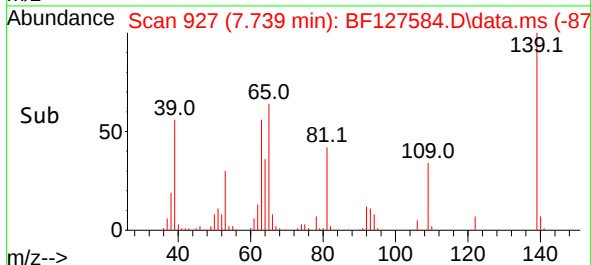
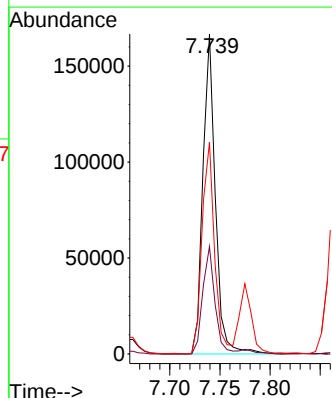
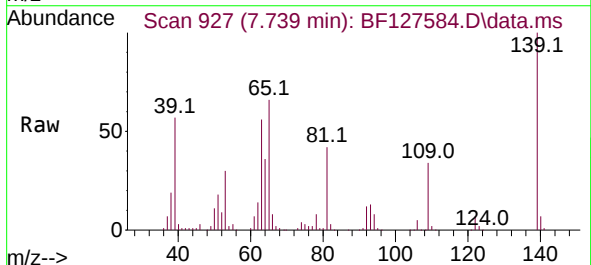
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

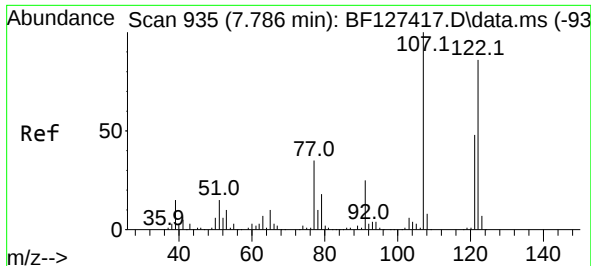
Tgt Ion: 82 Resp: 628507  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.8 8.8  
138 13.9 11.6 17.4



#26  
2-Nitrophenol  
Concen: 42.167 ng  
RT: 7.739 min Scan# 927  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:139 Resp: 144720  
Ion Ratio Lower Upper  
139 100  
109 33.6 28.2 42.2  
65 66.2 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 48.092 ng

RT: 7.775 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

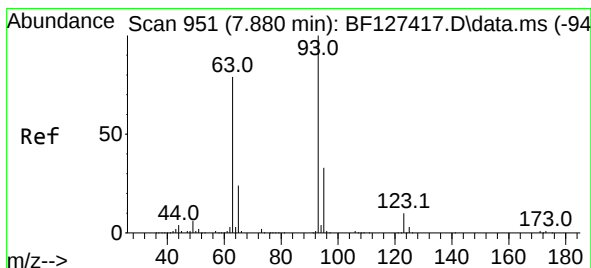
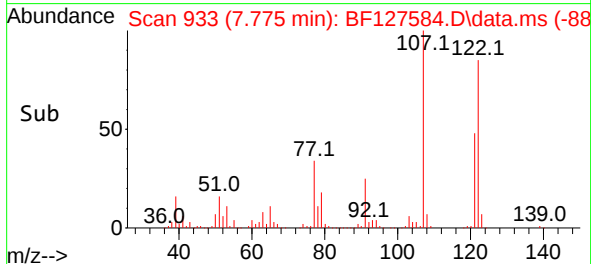
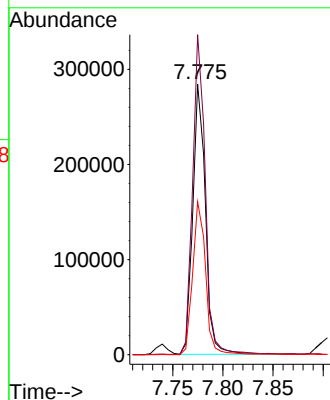
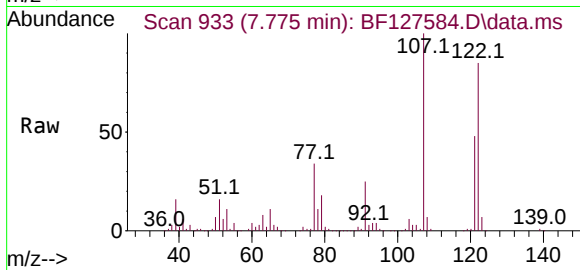
Tgt Ion:122 Resp: 248285

Ion Ratio Lower Upper

122 100

107 118.3 93.0 139.4

121 56.5 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.355 ng

RT: 7.863 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

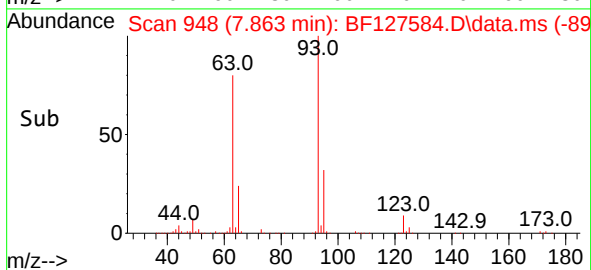
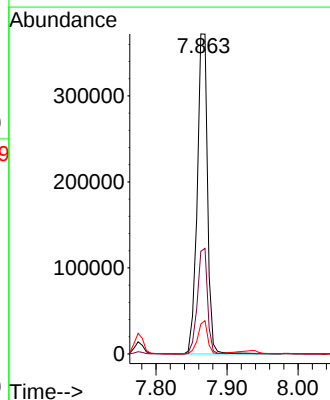
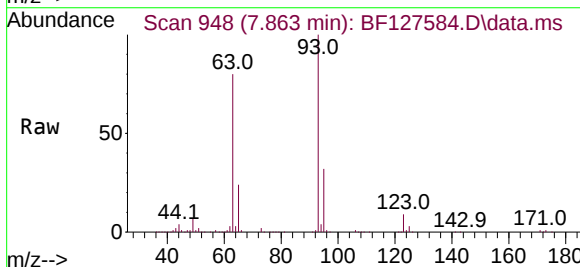
Tgt Ion: 93 Resp: 376025

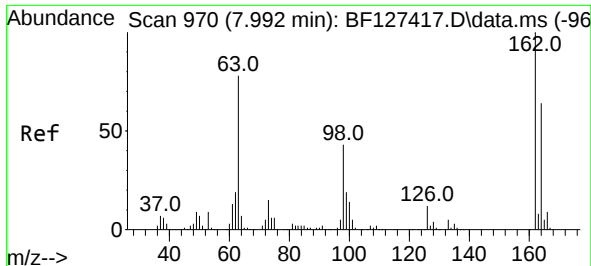
Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

123 9.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 41.999 ng

RT: 7.987 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

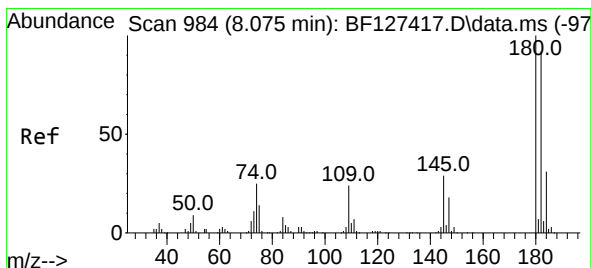
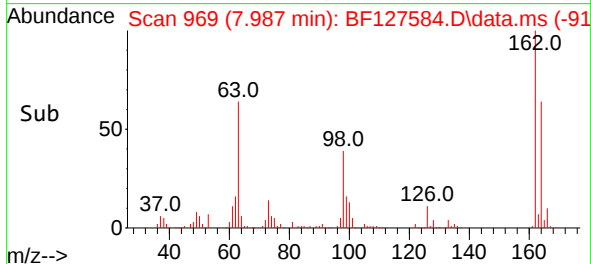
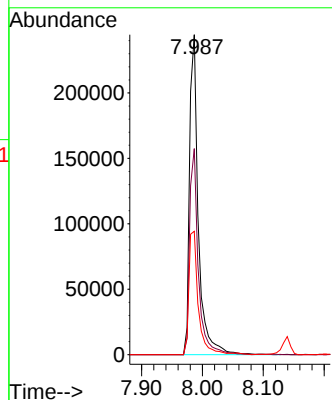
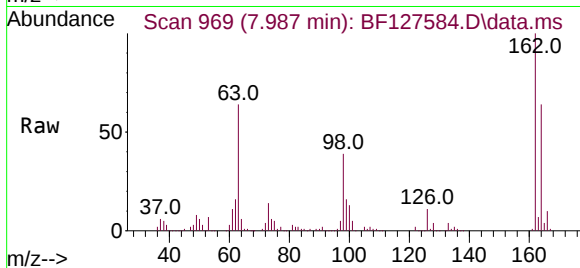
Tgt Ion:162 Resp: 246150

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 38.6 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 39.157 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

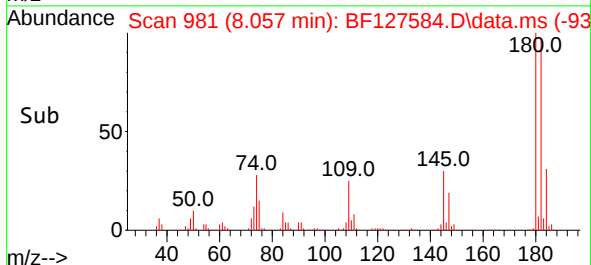
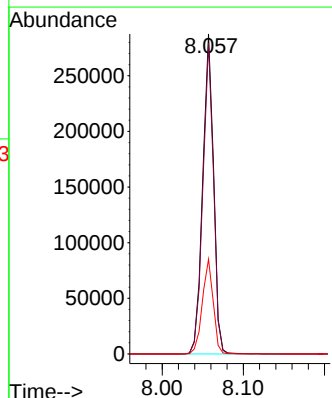
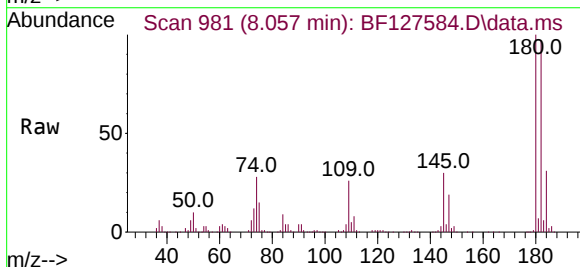
Tgt Ion:180 Resp: 267427

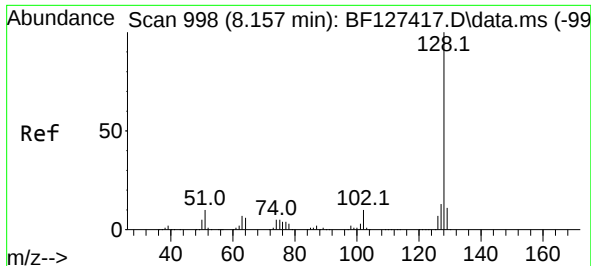
Ion Ratio Lower Upper

180 100

182 97.1 73.8 110.6

145 29.6 23.3 34.9

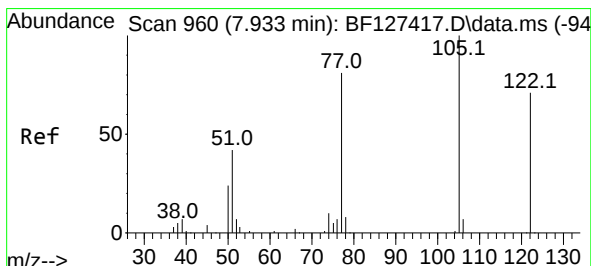
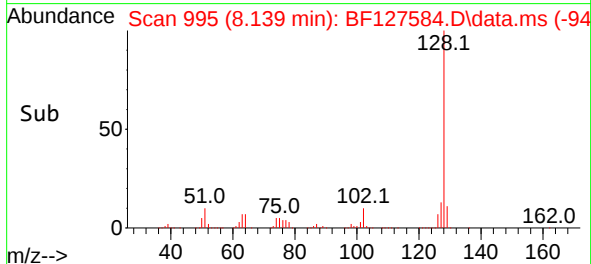
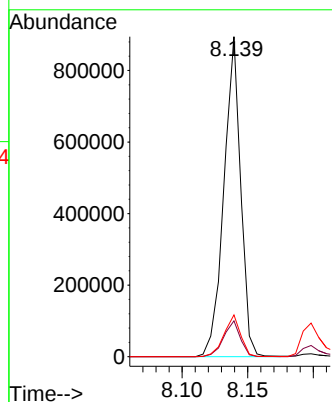
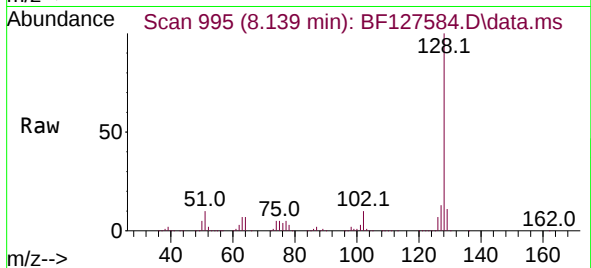




#31  
Naphthalene  
Concen: 40.858 ng  
RT: 8.139 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

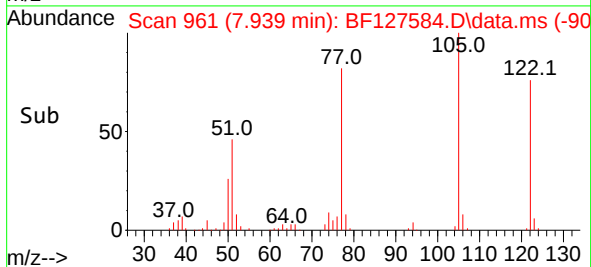
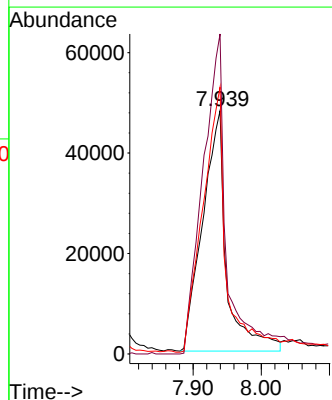
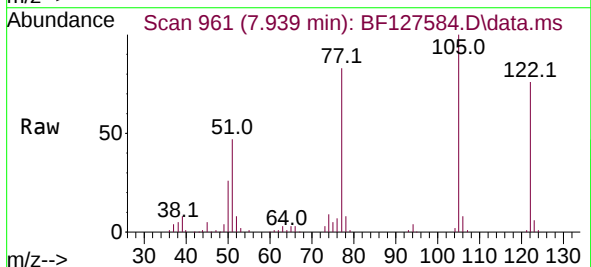
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

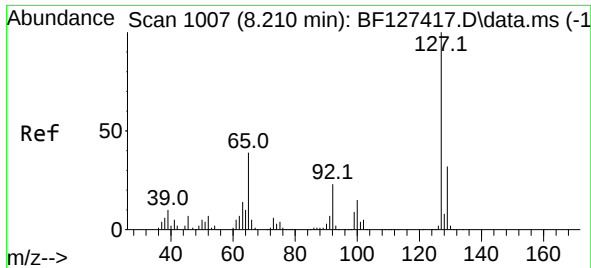
Tgt Ion:128 Resp: 795656  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.4 12.6  
127 13.1 10.2 15.2



#32  
Benzoic acid  
Concen: 40.481 ng  
RT: 7.939 min Scan# 961  
Delta R.T. 0.012 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:122 Resp: 116899  
Ion Ratio Lower Upper  
122 100  
105 131.5 117.1 157.1  
77 109.7 93.0 133.0

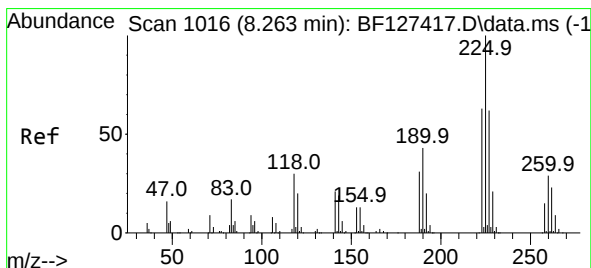
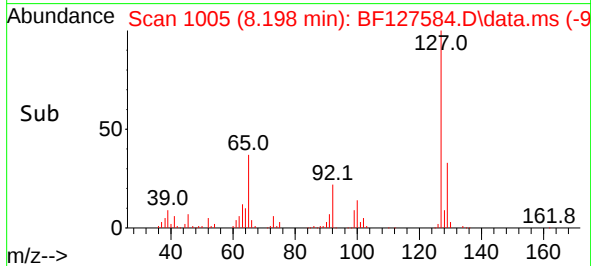
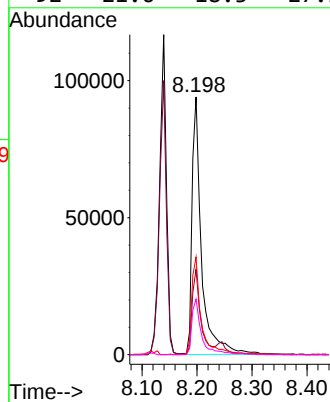
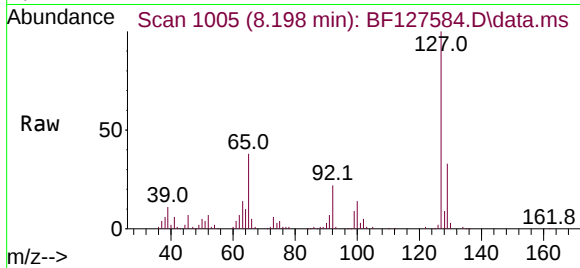




#33  
4-Chloroaniline  
Concen: 14.954 ng  
RT: 8.198 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

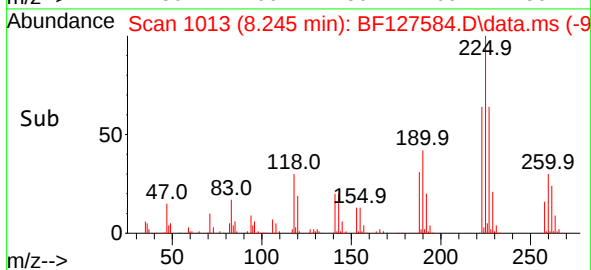
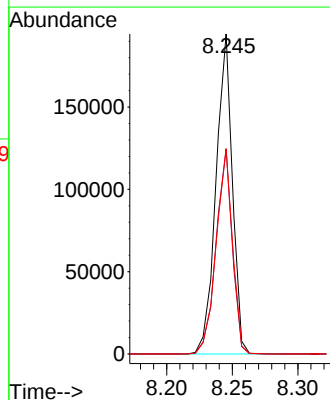
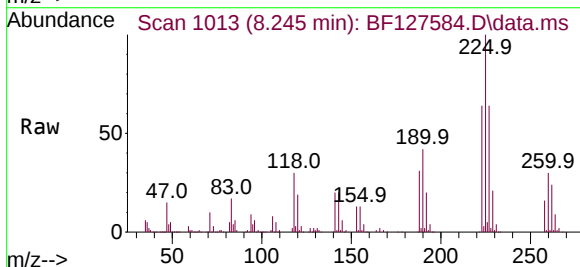
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

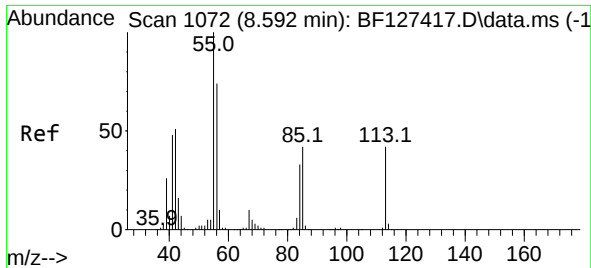
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 112843 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 25.9  | 38.9   |
| 65       | 37.9  | 31.4  | 47.0   |
| 92       | 21.6  | 18.3  | 27.5   |



#34  
Hexachlorobutadiene  
Concen: 38.837 ng  
RT: 8.245 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 168430 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 50.6  | 76.0   |
| 227      | 64.1  | 49.6  | 74.4   |

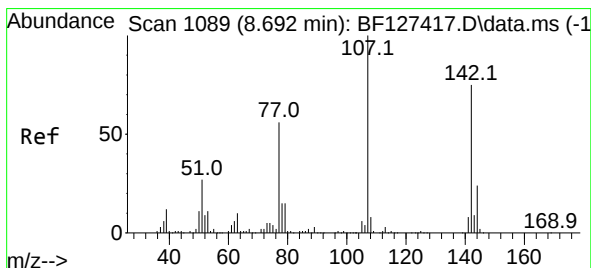
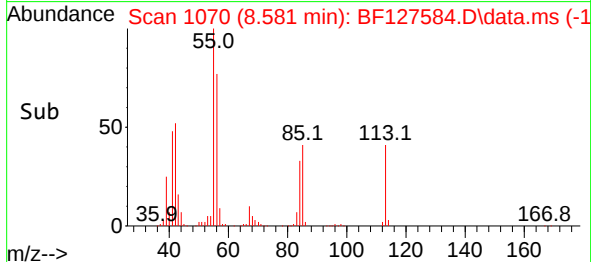
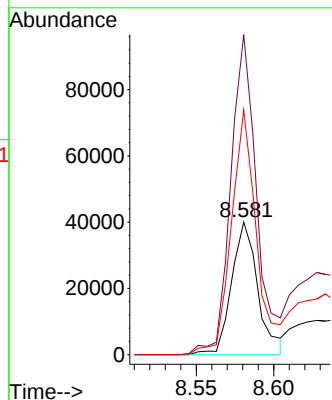
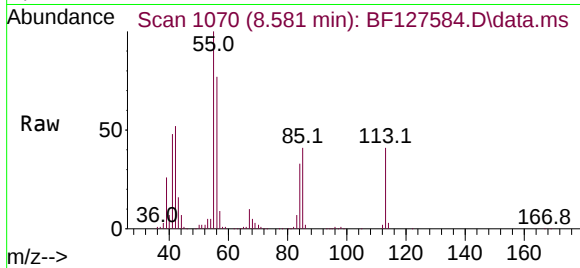




#35  
 Caprolactam  
 Concen: 26.119 ng  
 RT: 8.581 min Scan# 1070  
 Delta R.T. -0.006 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

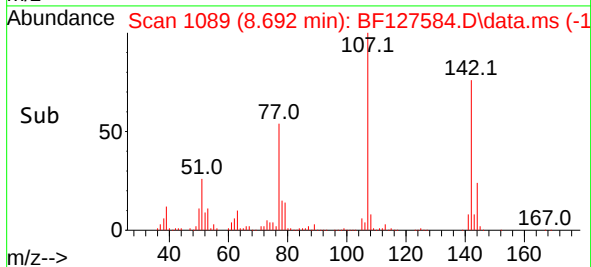
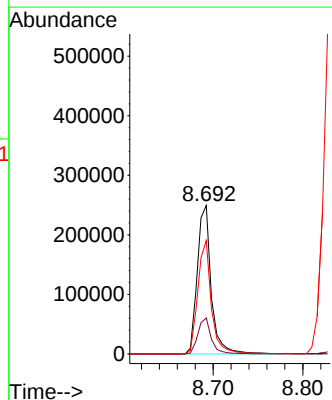
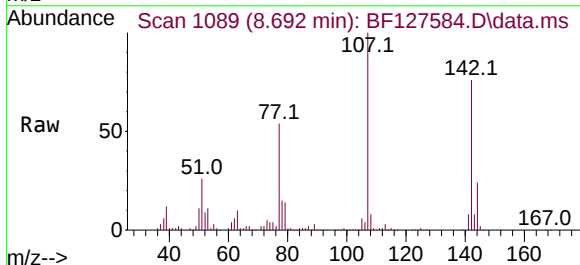
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143724BS

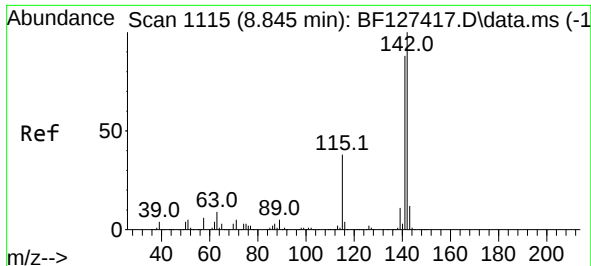
Tgt Ion:113 Resp: 47193  
 Ion Ratio Lower Upper  
 113 100  
 55 241.2 218.7 258.7  
 56 184.5 156.2 196.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.409 ng  
 RT: 8.692 min Scan# 1089  
 Delta R.T. 0.012 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

Tgt Ion:107 Resp: 269671  
 Ion Ratio Lower Upper  
 107 100  
 144 24.3 19.3 28.9  
 142 76.4 59.8 89.8

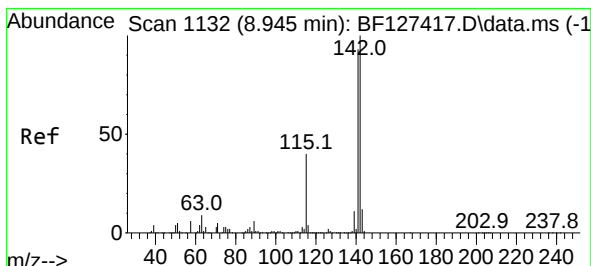
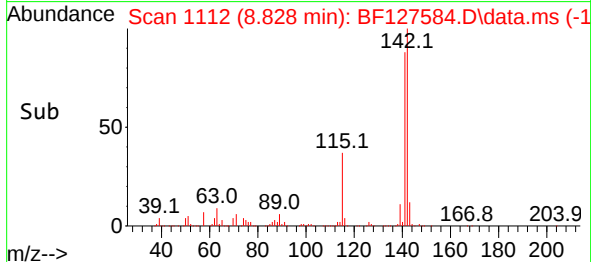
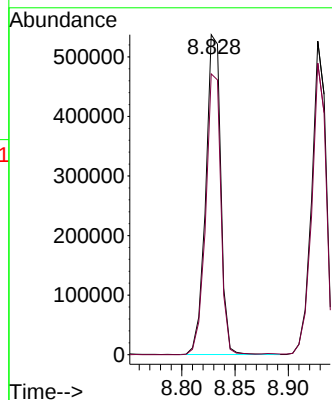
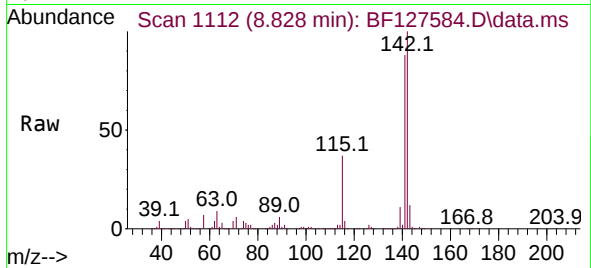




#37  
2-Methylnaphthalene  
Concen: 42.285 ng  
RT: 8.828 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

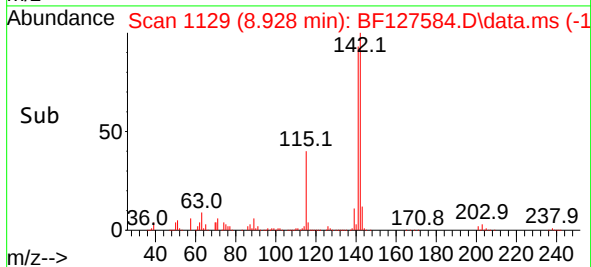
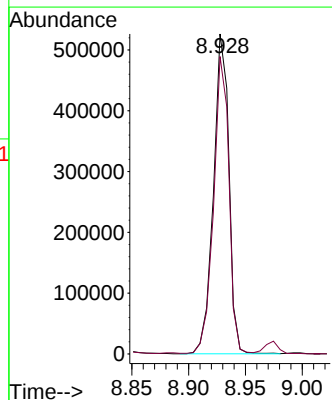
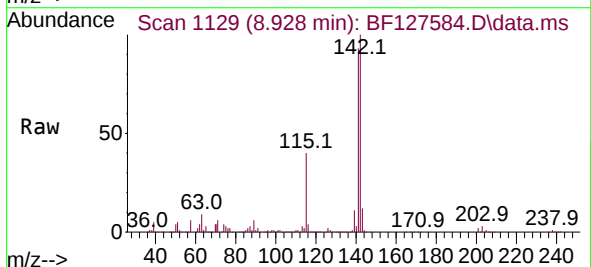
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

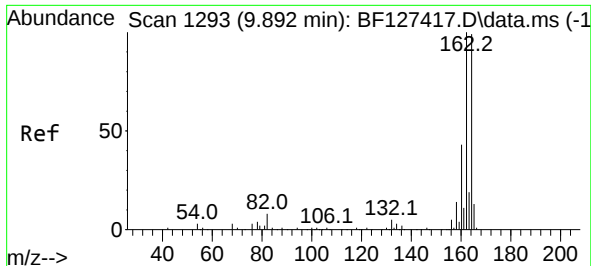
Tgt Ion:142 Resp: 529478  
Ion Ratio Lower Upper  
142 100  
141 87.8 70.6 106.0



#38  
1-Methylnaphthalene  
Concen: 40.157 ng  
RT: 8.928 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:142 Resp: 497212  
Ion Ratio Lower Upper  
142 100  
141 93.0 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

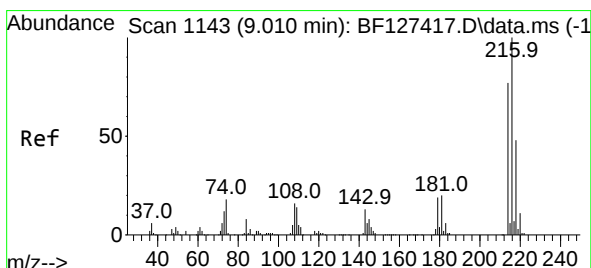
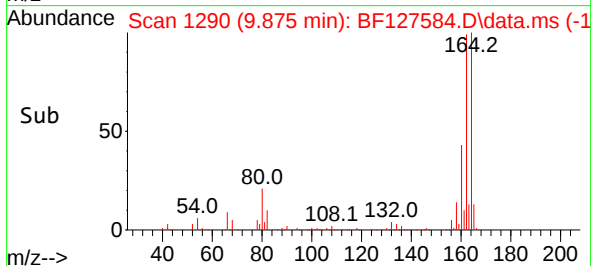
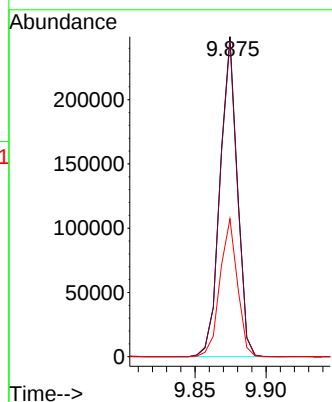
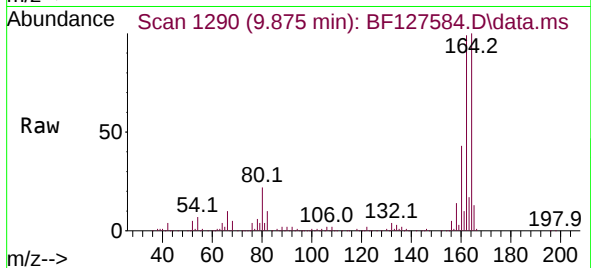
Tgt Ion:164 Resp: 209264

Ion Ratio Lower Upper

164 100

162 98.7 81.2 121.8

160 43.1 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.567 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Tgt Ion:216 Resp: 269921

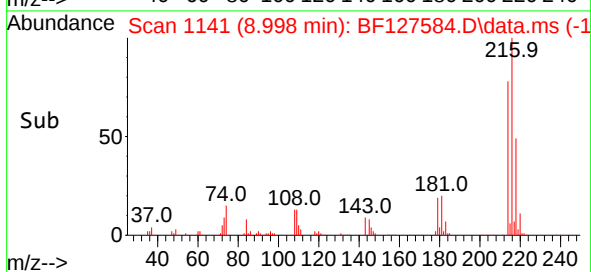
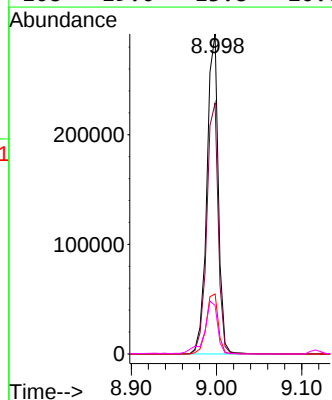
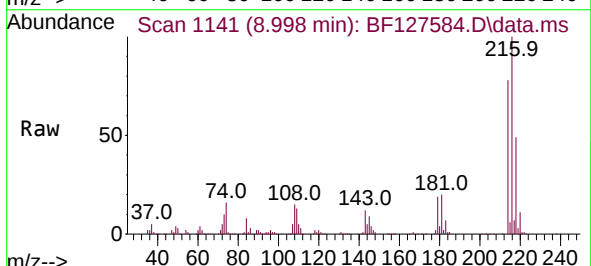
Ion Ratio Lower Upper

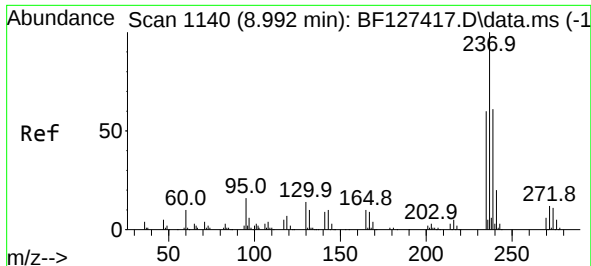
216 100

214 79.3 63.0 94.4

179 19.6 15.5 23.3

108 19.0 13.8 20.6

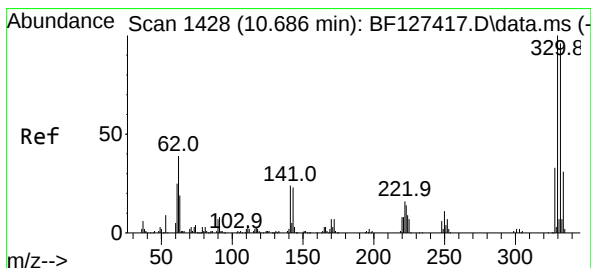
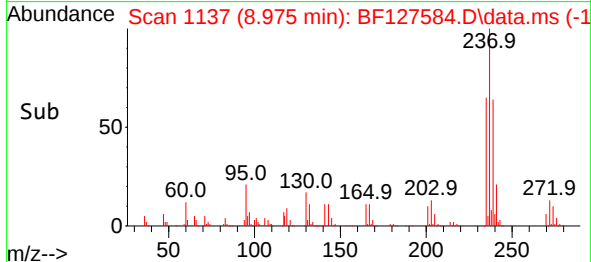
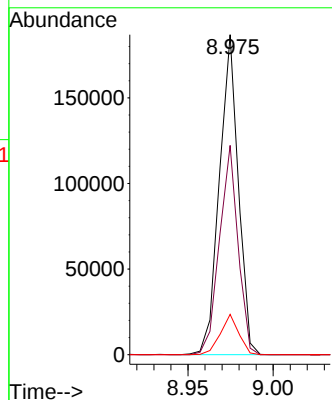
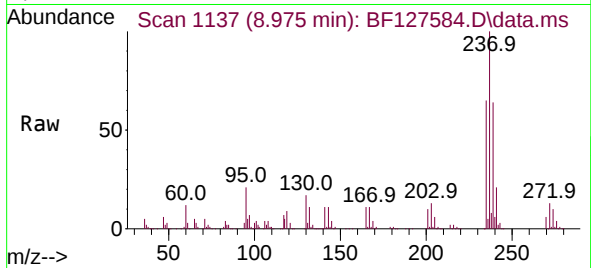




#41  
Hexachlorocyclopentadiene  
Concen: 68.172 ng  
RT: 8.975 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

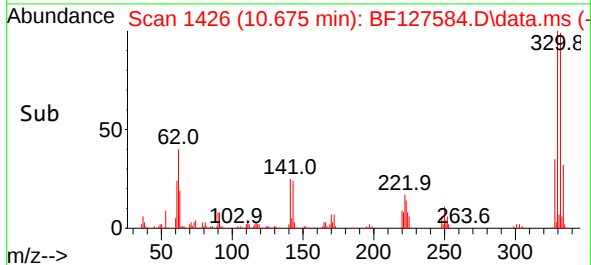
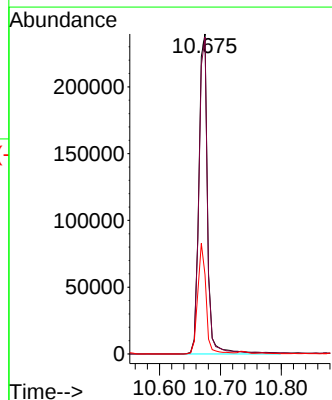
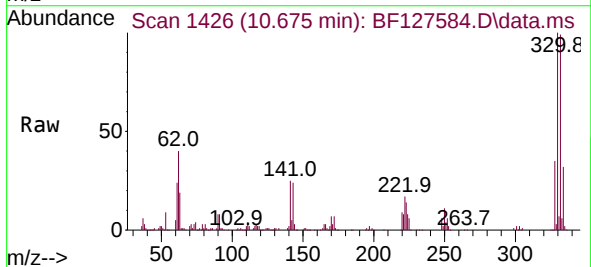
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

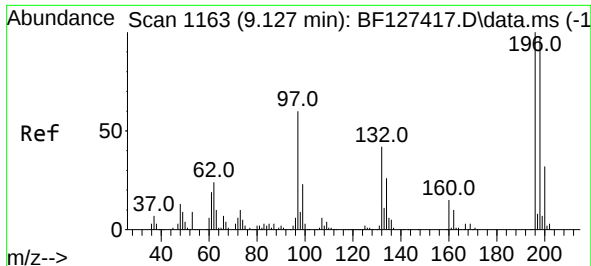
Tgt Ion:237 Resp: 144346  
Ion Ratio Lower Upper  
237 100  
235 65.4 40.4 80.4  
272 12.6 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 106.301 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:330 Resp: 236965  
Ion Ratio Lower Upper  
330 100  
332 96.3 79.1 118.7  
141 32.9 26.2 39.4

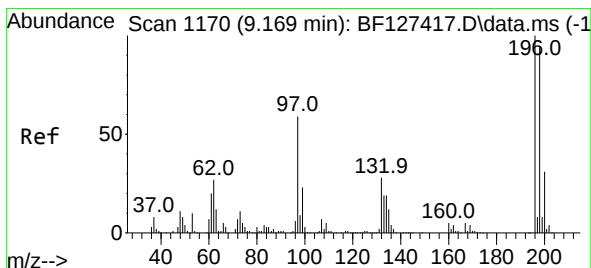
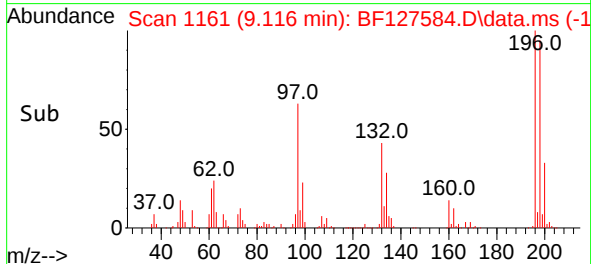
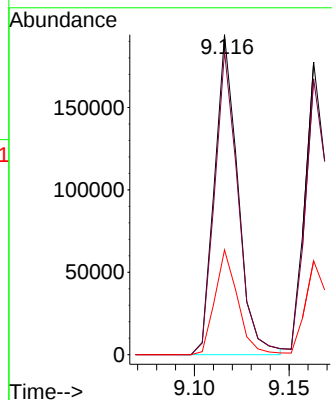
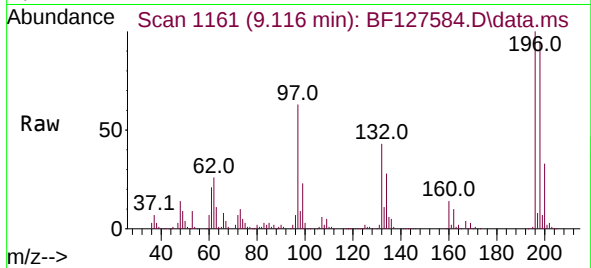




#43  
2,4,6-Trichlorophenol  
Concen: 41.305 ng  
RT: 9.116 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

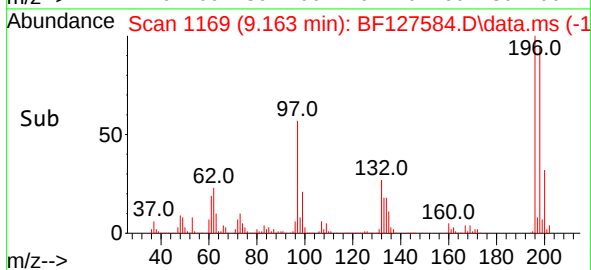
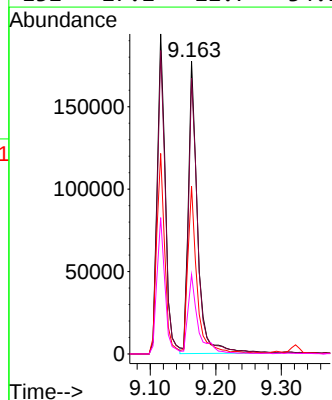
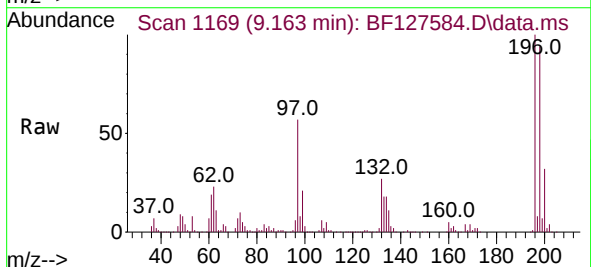
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

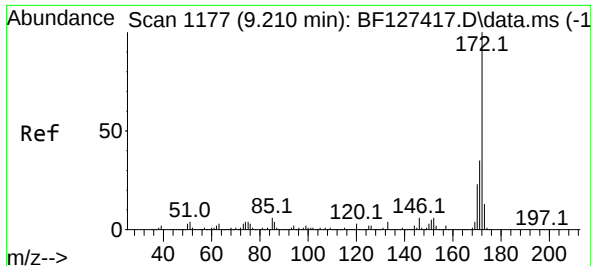
Tgt Ion:196 Resp: 166128  
Ion Ratio Lower Upper  
196 100  
198 94.8 77.8 116.6  
200 32.8 25.9 38.9



#44  
2,4,5-Trichlorophenol  
Concen: 41.553 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:196 Resp: 172038  
Ion Ratio Lower Upper  
196 100  
198 94.3 75.3 112.9  
97 57.3 46.8 70.2  
132 27.2 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 74.509 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

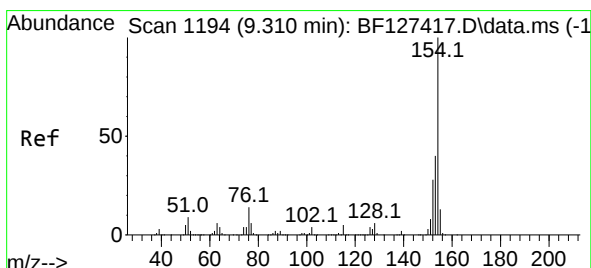
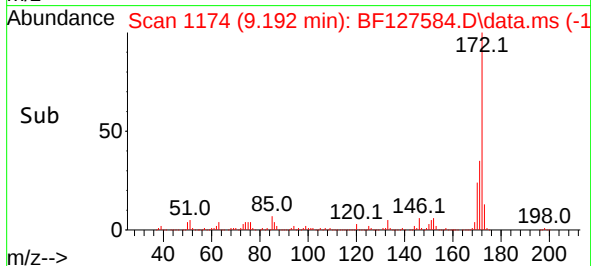
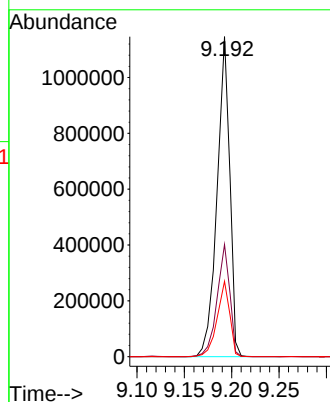
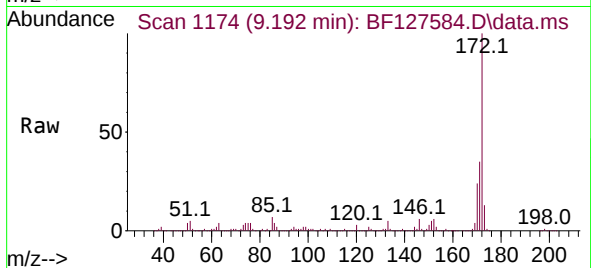
Tgt Ion:172 Resp: 1067783

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 40.367 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

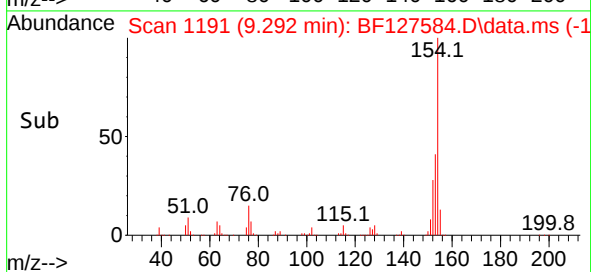
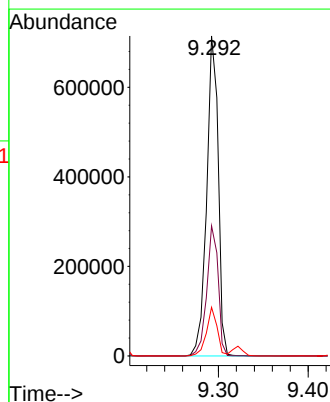
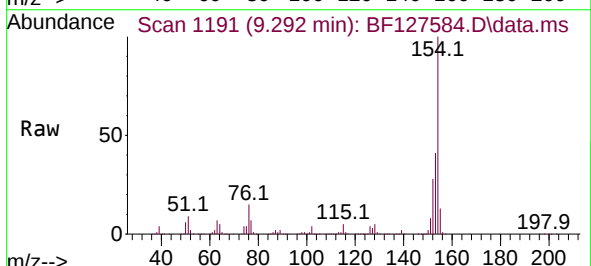
Tgt Ion:154 Resp: 638004

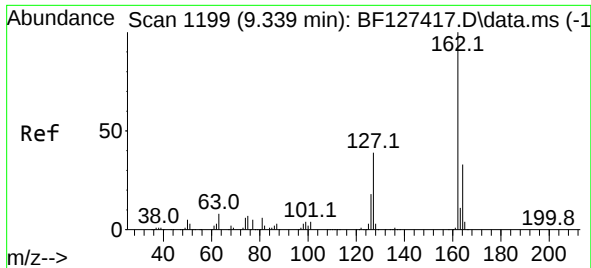
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 15.2 0.0 33.9

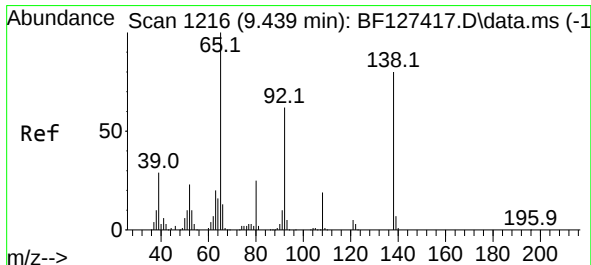
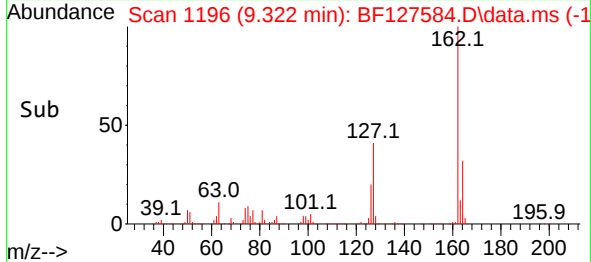
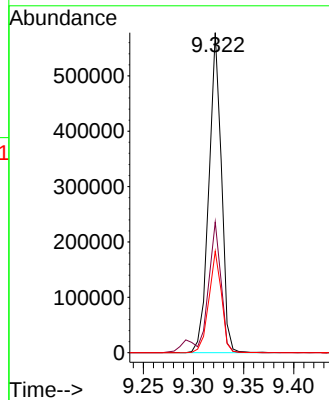
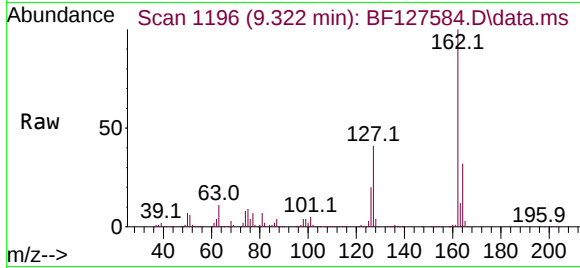




#47  
2-Chloronaphthalene  
Concen: 40.630 ng  
RT: 9.322 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

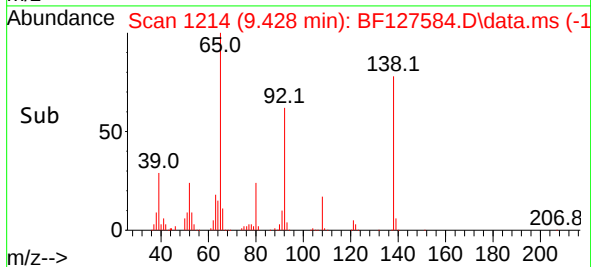
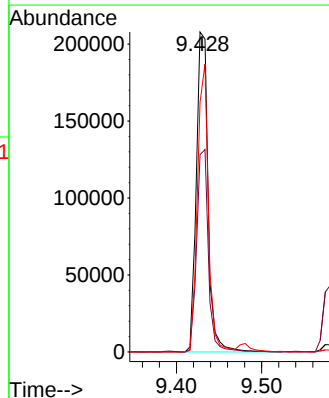
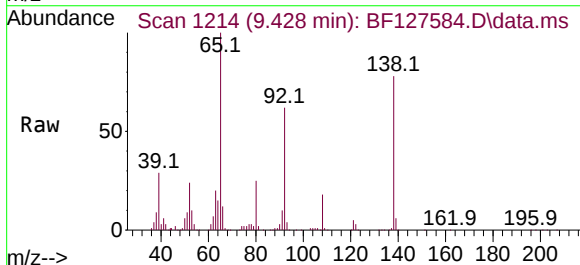
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

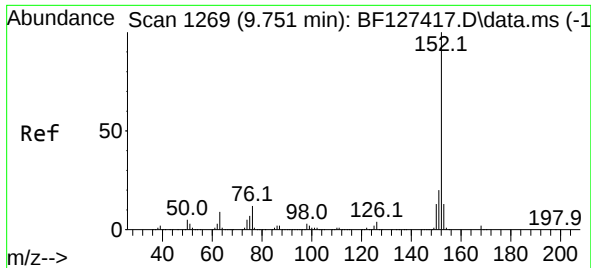
Tgt Ion:162 Resp: 505675  
Ion Ratio Lower Upper  
162 100  
127 40.8 31.8 47.6  
164 31.7 26.4 39.6



#48  
2-Nitroaniline  
Concen: 41.969 ng  
RT: 9.428 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion: 65 Resp: 200189  
Ion Ratio Lower Upper  
65 100  
92 61.7 50.0 75.0  
138 78.0 64.1 96.1

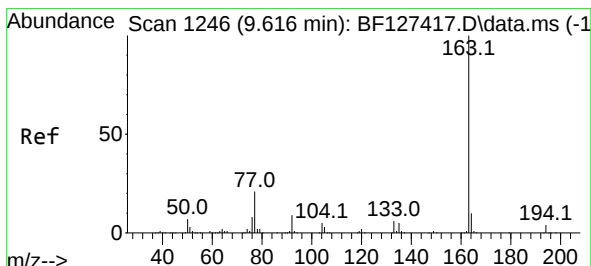
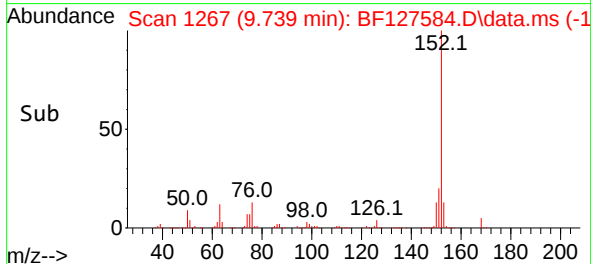
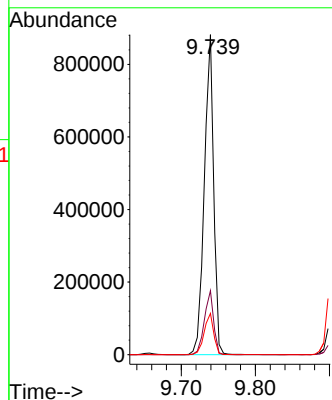
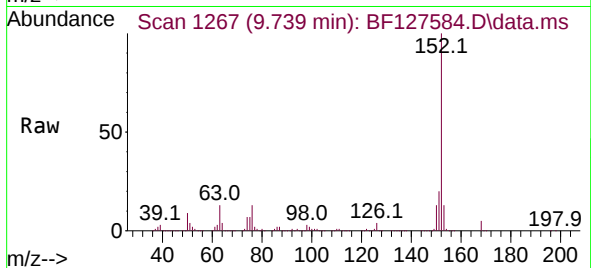




#49  
Acenaphthylene  
Concen: 41.138 ng  
RT: 9.739 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

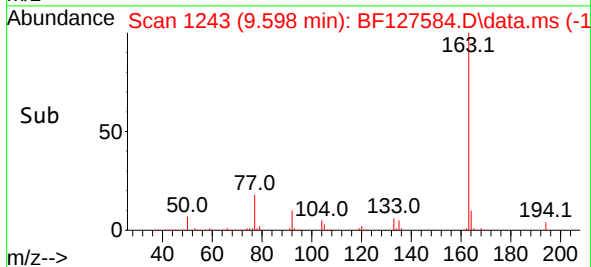
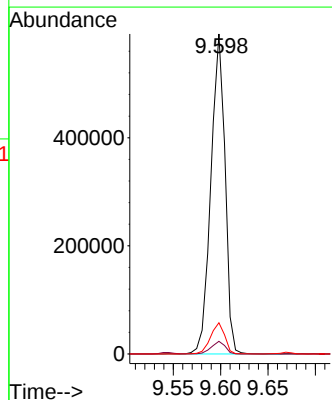
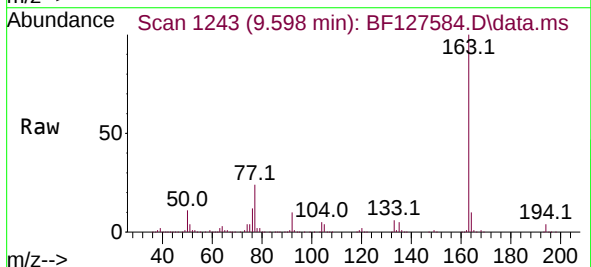
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

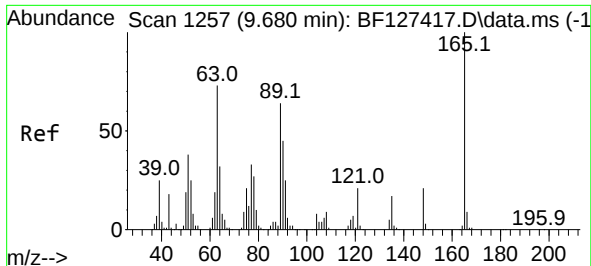
Tgt Ion:152 Resp: 774035  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.8  
153 12.9 10.5 15.7



#50  
Dimethylphthalate  
Concen: 42.083 ng  
RT: 9.598 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:163 Resp: 612652  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 9.7 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 43.256 ng

RT: 9.669 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

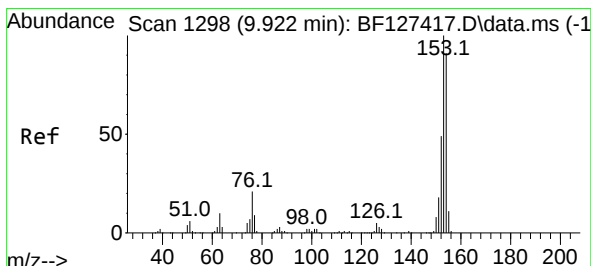
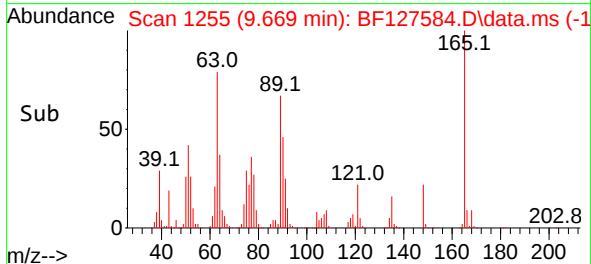
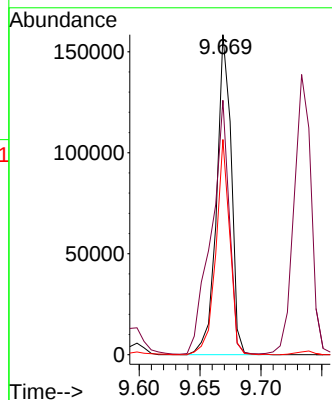
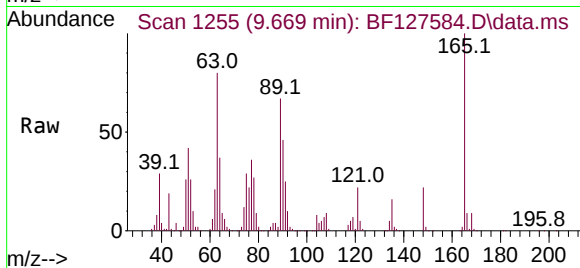
Tgt Ion:165 Resp: 132188

Ion Ratio Lower Upper

165 100

63 79.5 58.3 87.5

89 67.3 51.5 77.3



#52

Acenaphthene

Concen: 41.091 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

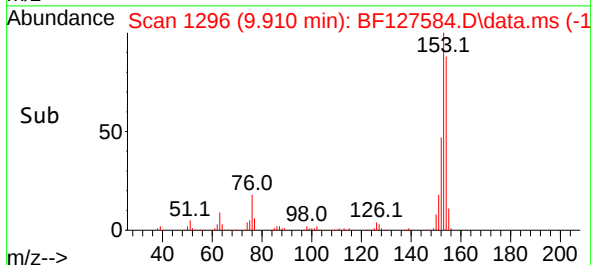
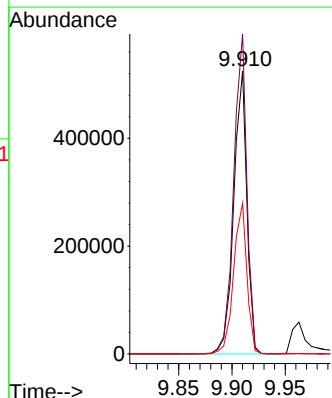
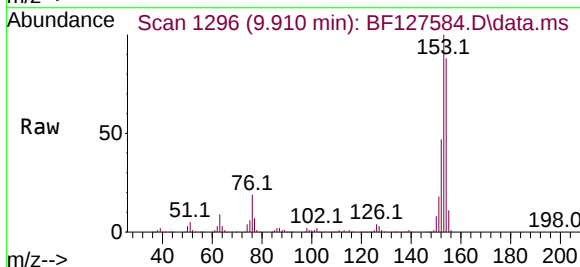
Tgt Ion:154 Resp: 451099

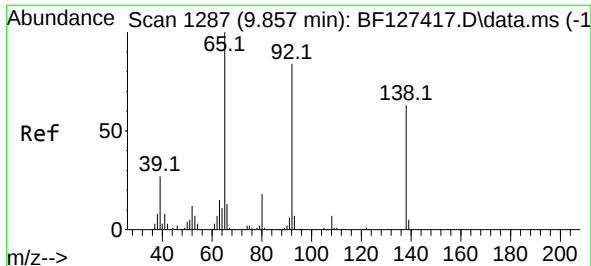
Ion Ratio Lower Upper

154 100

153 113.2 87.6 131.4

152 53.4 42.9 64.3

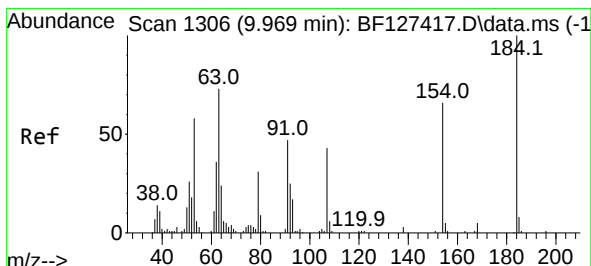
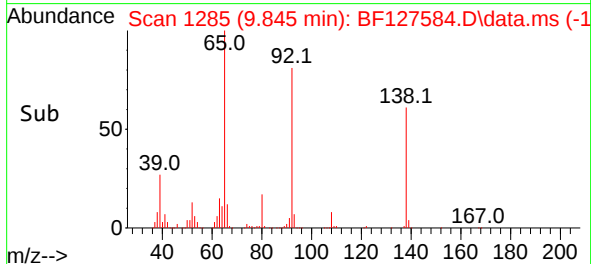
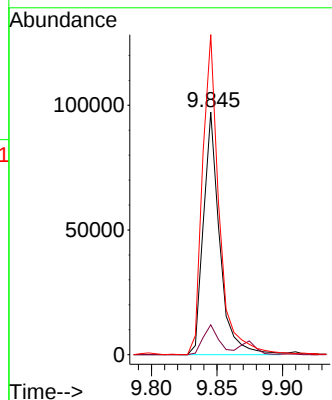
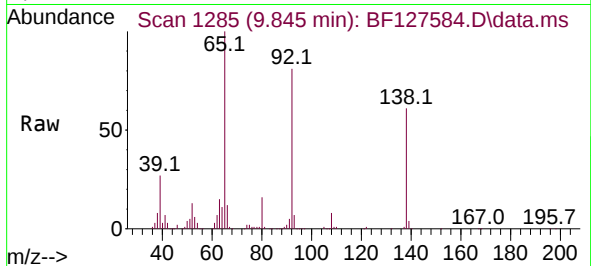




#53  
3-Nitroaniline  
Concen: 25.045 ng  
RT: 9.845 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

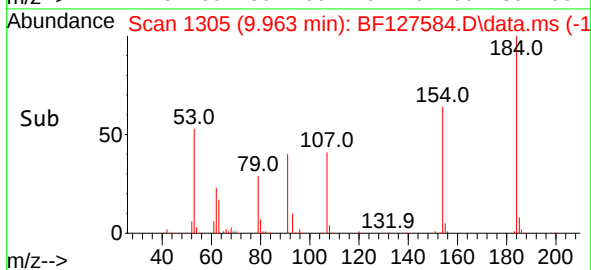
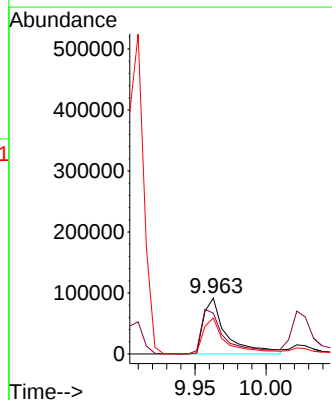
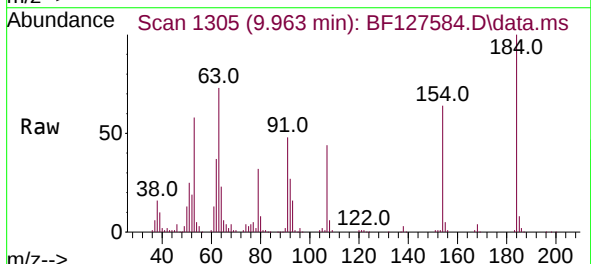
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

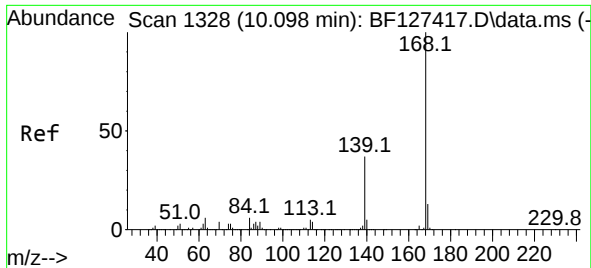
Tgt Ion:138 Resp: 83954  
Ion Ratio Lower Upper  
138 100  
108 12.4 9.4 14.0  
92 131.9 106.1 159.1



#54  
2,4-Dinitrophenol  
Concen: 68.201 ng  
RT: 9.963 min Scan# 1305  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:184 Resp: 102967  
Ion Ratio Lower Upper  
184 100  
63 73.0 58.1 87.1  
154 64.5 53.2 79.8

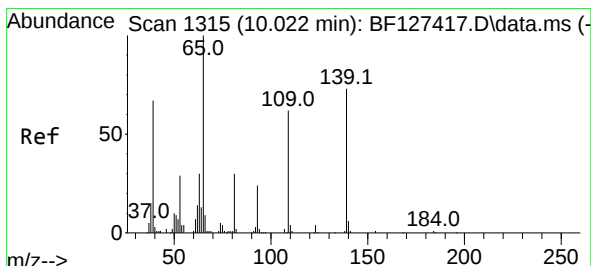
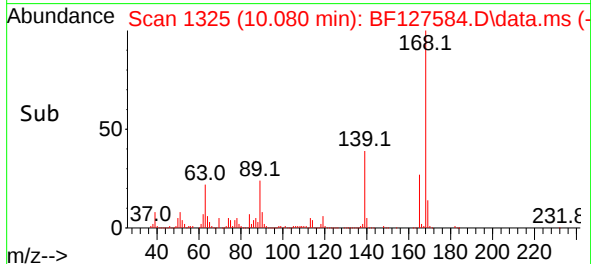
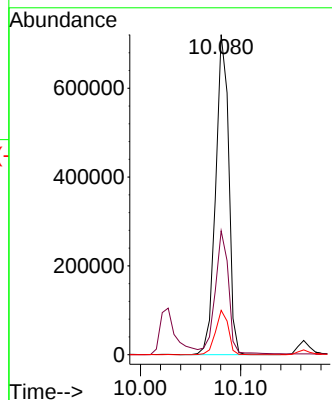
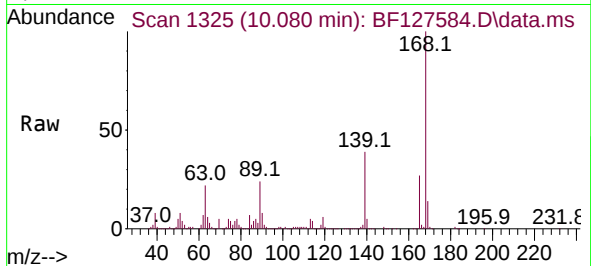




#55  
Dibenzofuran  
Concen: 40.747 ng  
RT: 10.080 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

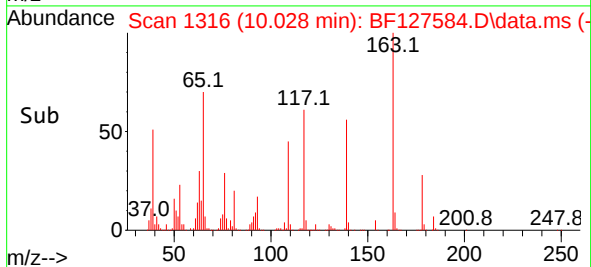
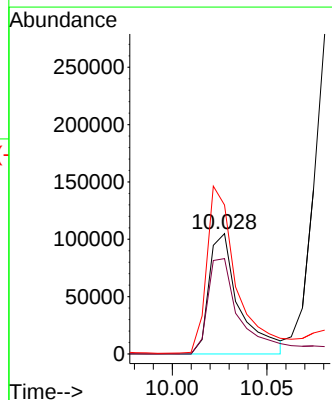
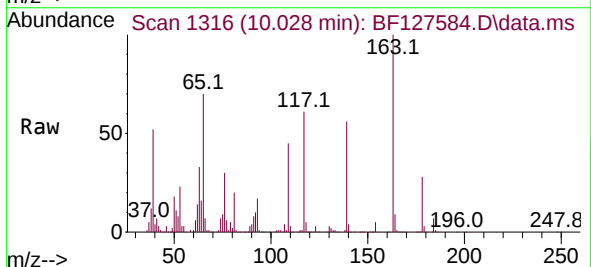
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

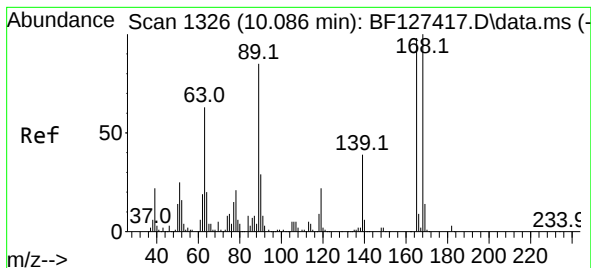
Tgt Ion:168 Resp: 650407  
Ion Ratio Lower Upper  
168 100  
139 38.7 30.3 45.5  
169 13.9 10.8 16.2



#56  
4-Nitrophenol  
Concen: 68.596 ng  
RT: 10.028 min Scan# 1316  
Delta R.T. 0.012 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:139 Resp: 117036  
Ion Ratio Lower Upper  
139 100  
109 79.2 64.3 104.3  
65 123.8 117.5 157.5

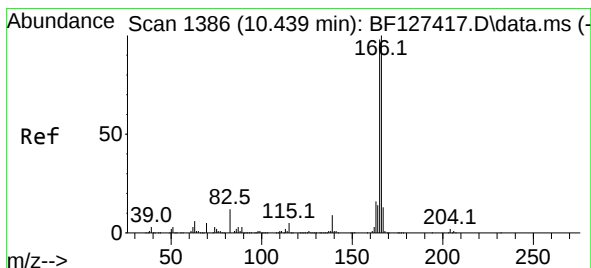
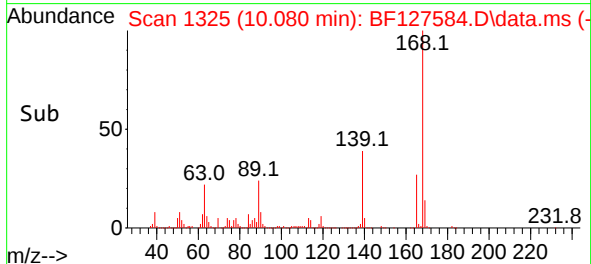
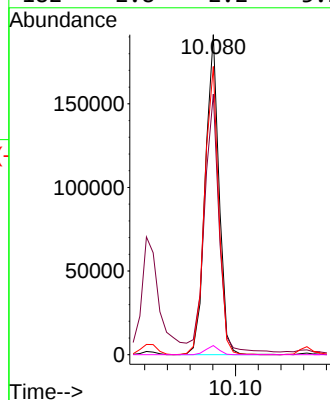
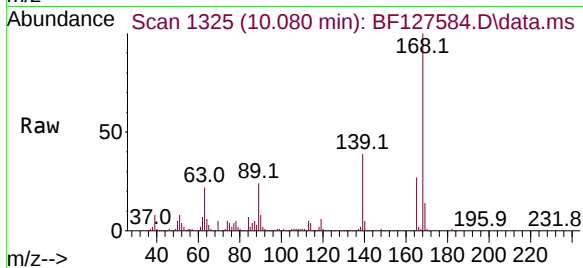




#57  
2,4-Dinitrotoluene  
Concen: 40.786 ng  
RT: 10.080 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

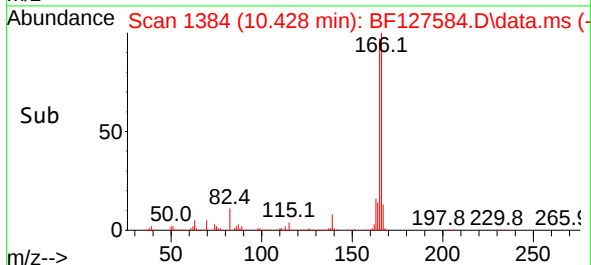
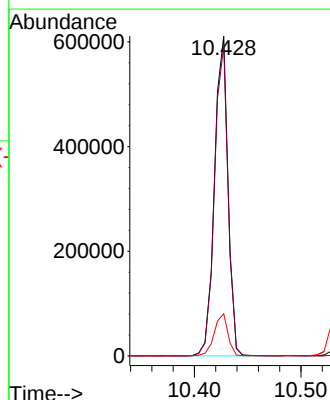
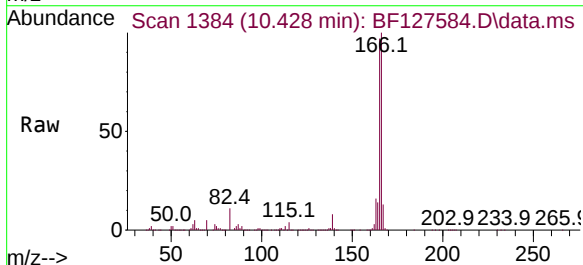
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

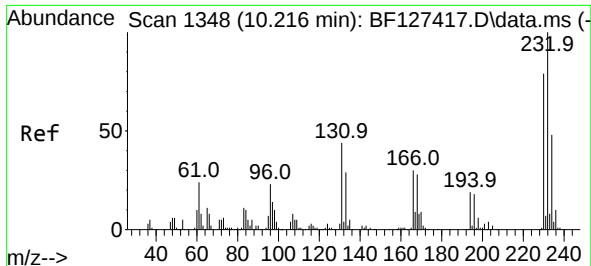
Tgt Ion:165 Resp: 160432  
Ion Ratio Lower Upper  
165 100  
63 81.5 53.1 79.7#  
89 90.0 69.2 103.8  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 42.083 ng  
RT: 10.428 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:166 Resp: 537192  
Ion Ratio Lower Upper  
166 100  
165 97.0 78.1 117.1  
167 13.2 10.5 15.7

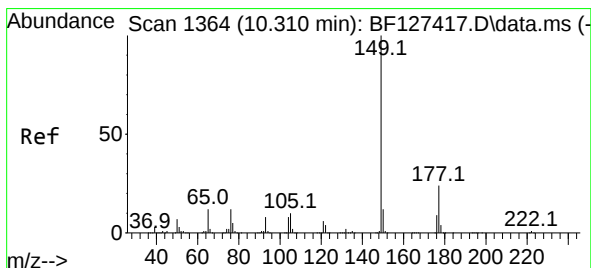
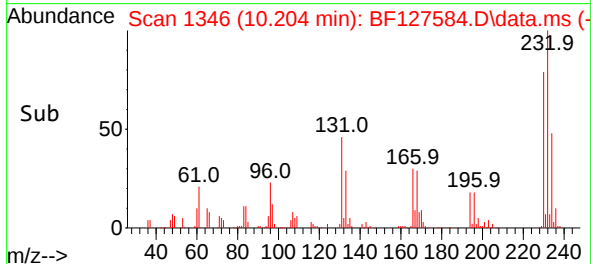
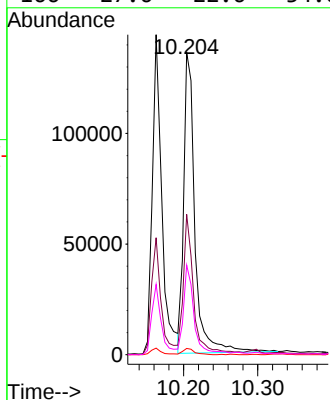
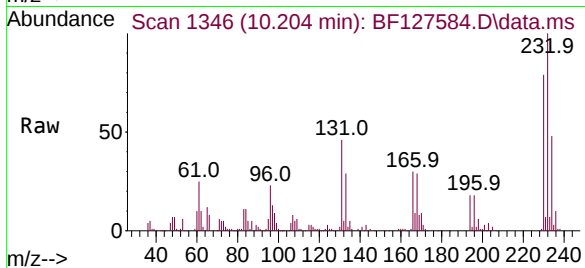




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.247 ng  
RT: 10.204 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

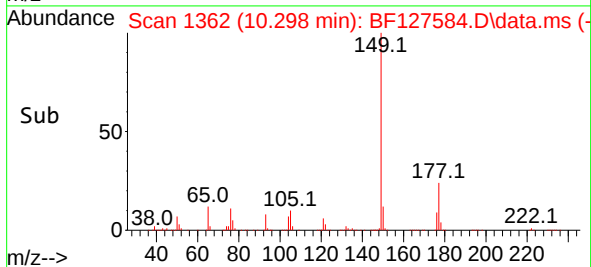
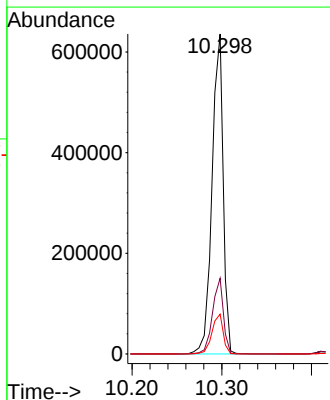
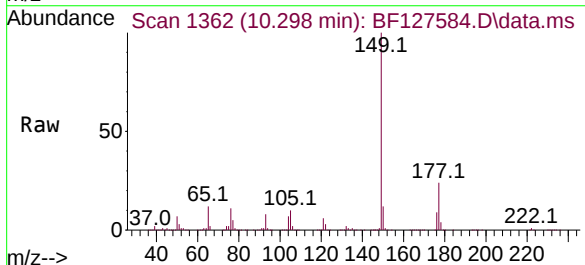
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

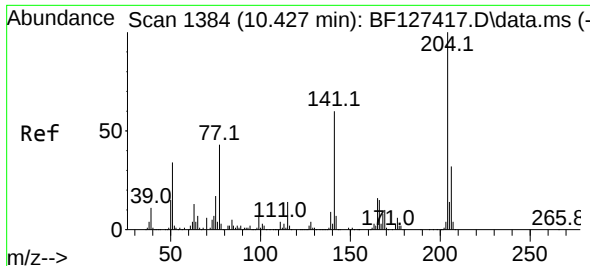
Tgt Ion:232 Resp: 143661  
Ion Ratio Lower Upper  
232 100  
131 41.2 33.4 50.0  
130 2.2 1.8 2.6  
166 27.6 22.6 34.0



#60  
Diethylphthalate  
Concen: 41.225 ng  
RT: 10.298 min Scan# 1362  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:149 Resp: 548161  
Ion Ratio Lower Upper  
149 100  
177 23.7 18.9 28.3  
150 12.5 10.0 15.0

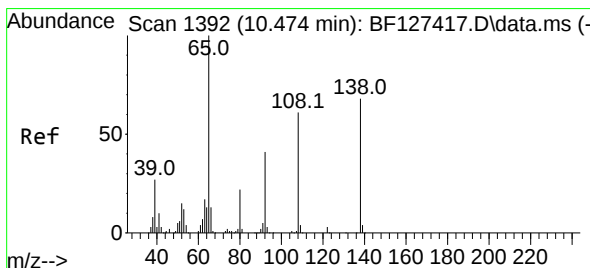
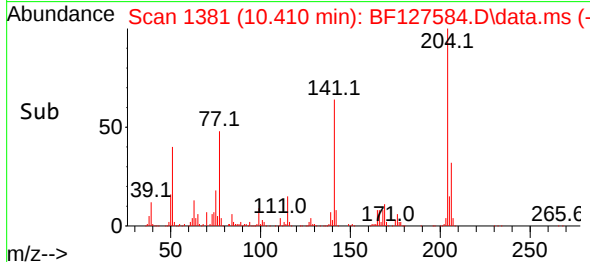
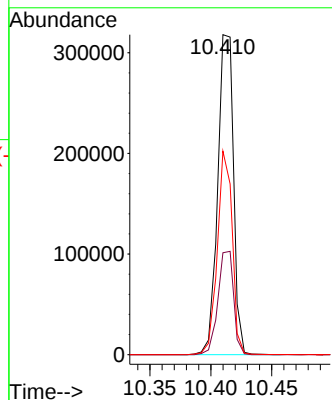
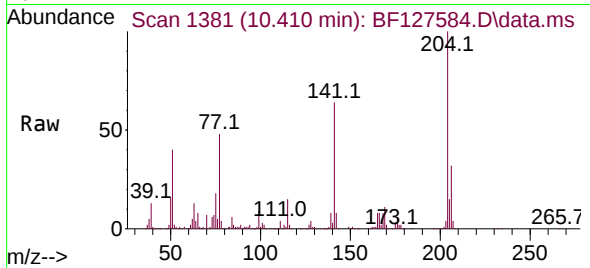




#61  
4-Chlorophenyl-phenylether  
Concen: 38.258 ng  
RT: 10.410 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

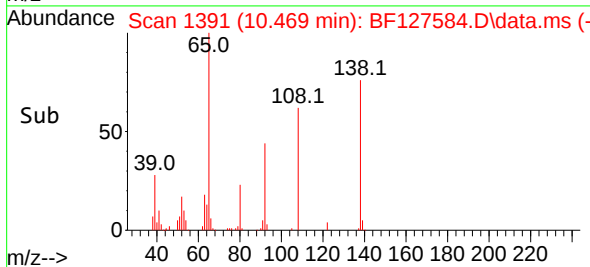
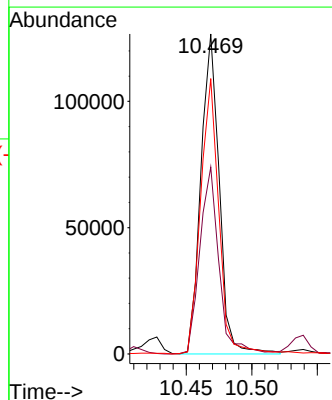
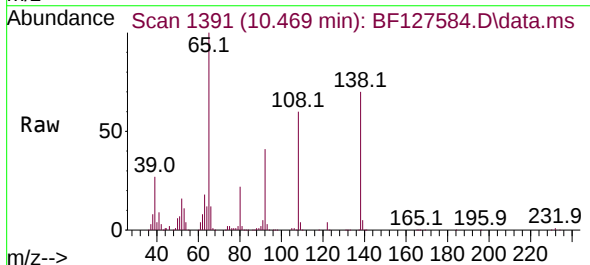
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

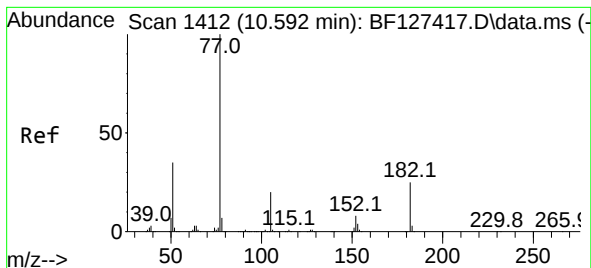
Tgt Ion:204 Resp: 287858  
Ion Ratio Lower Upper  
204 100  
206 31.9 25.9 38.9  
141 63.6 47.8 71.8



#62  
4-Nitroaniline  
Concen: 39.378 ng  
RT: 10.469 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:138 Resp: 123643  
Ion Ratio Lower Upper  
138 100  
92 58.4 40.5 80.5  
108 86.1 69.2 109.2





#63

Azobenzene

Concen: 40.844 ng

RT: 10.575 min Scan# 1412

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

Tgt Ion: 77 Resp: 640821

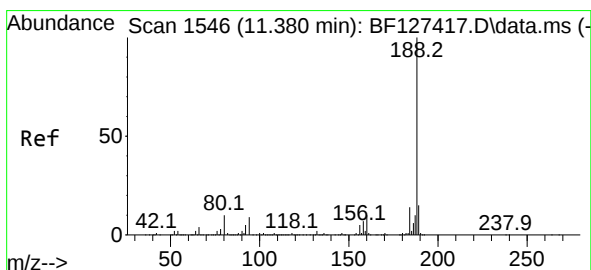
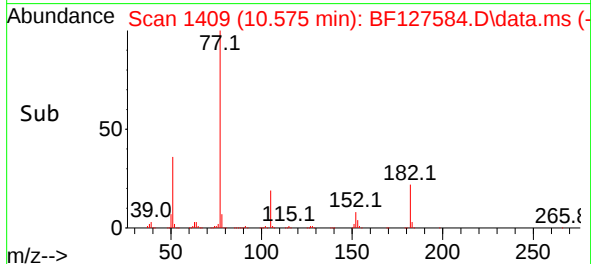
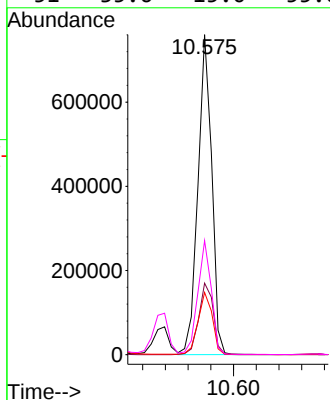
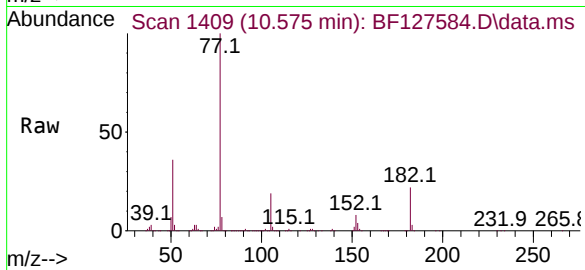
Ion Ratio Lower Upper

77 100

182 22.4 4.5 44.5

105 19.4 0.3 40.3

51 35.6 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

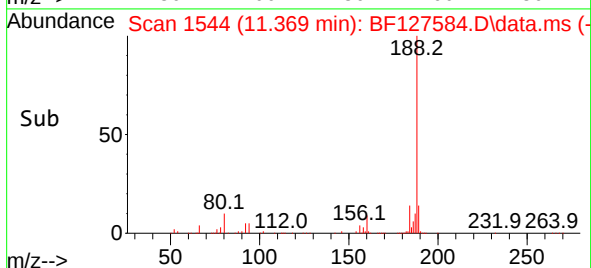
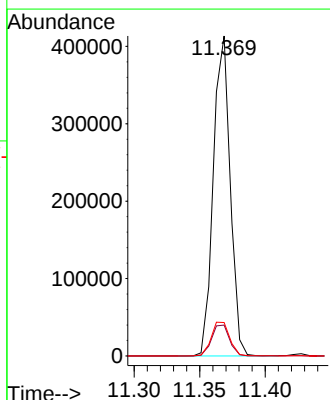
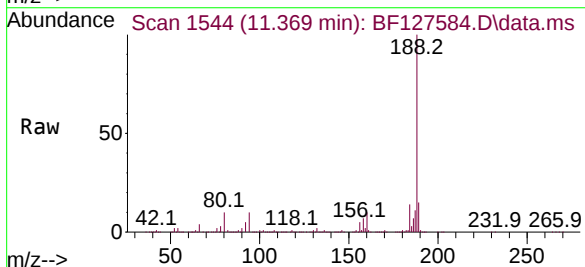
Tgt Ion: 188 Resp: 369047

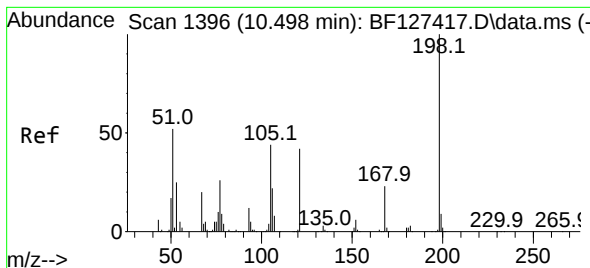
Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.4 8.0 12.0

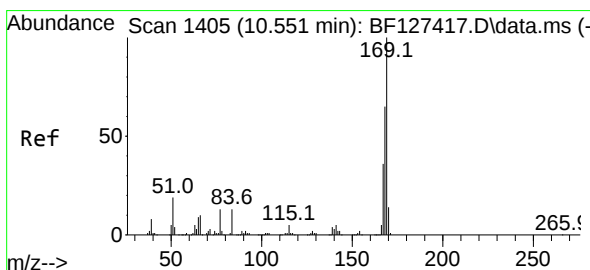
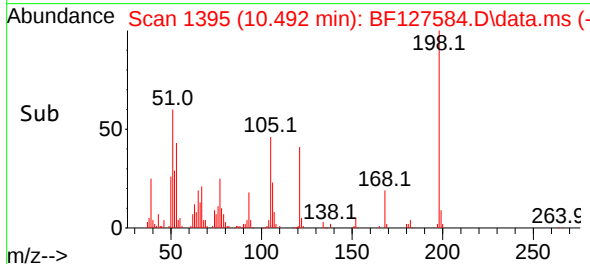
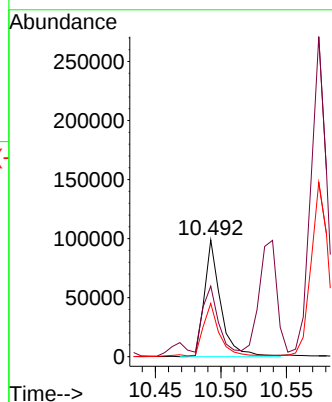
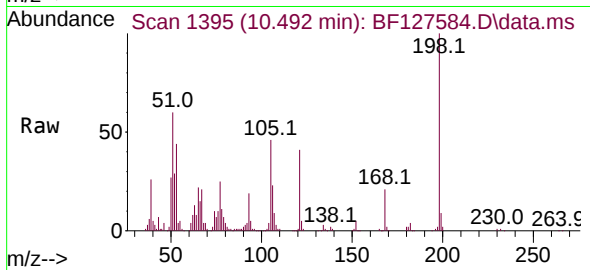




#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.581 ng  
RT: 10.492 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

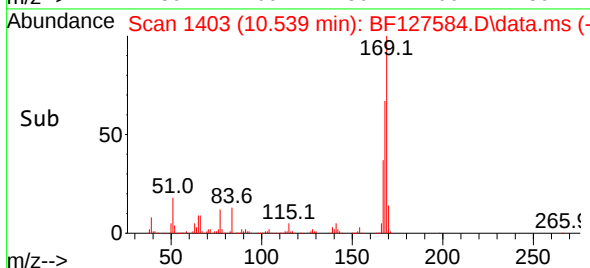
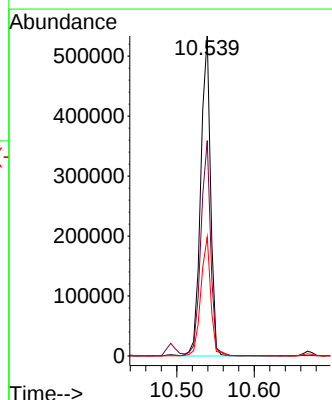
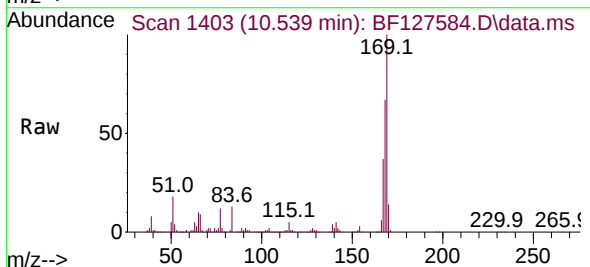
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

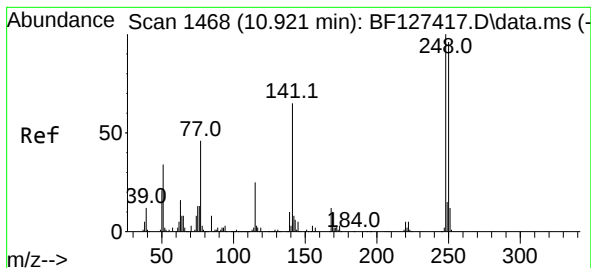
Tgt Ion:198 Resp: 85341  
Ion Ratio Lower Upper  
198 100  
51 60.3 42.7 82.7  
105 45.5 25.4 65.4



#66  
n-Nitrosodiphenylamine  
Concen: 41.693 ng  
RT: 10.539 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:169 Resp: 468374  
Ion Ratio Lower Upper  
169 100  
168 67.3 52.7 79.1  
167 37.2 28.9 43.3

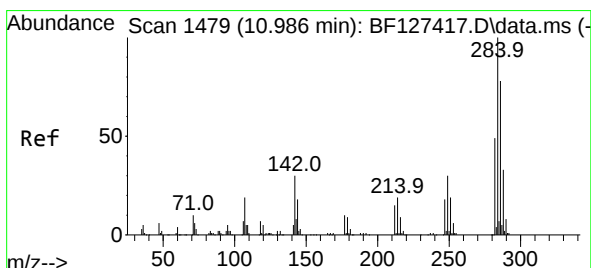
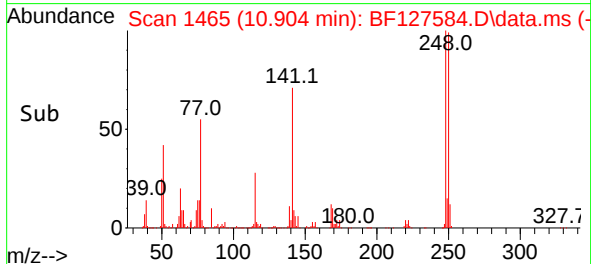
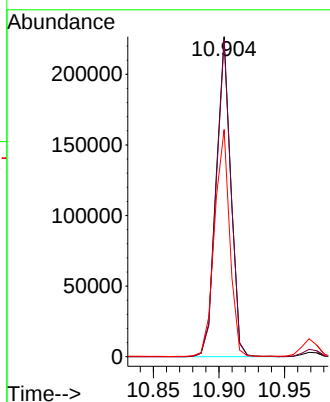
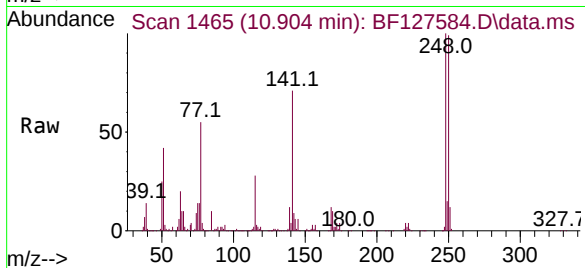




#67  
4-Bromophenyl-phenylether  
Concen: 40.970 ng  
RT: 10.904 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

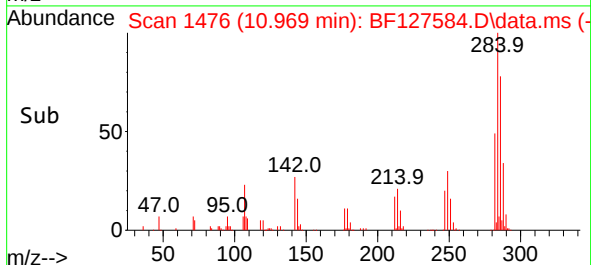
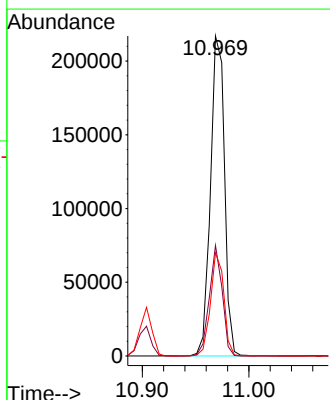
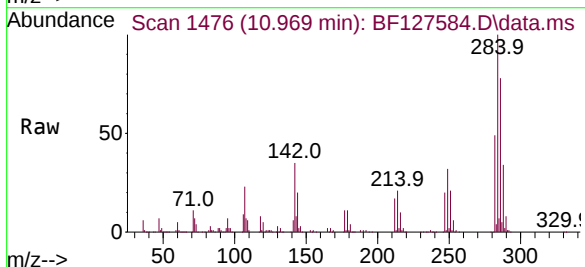
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

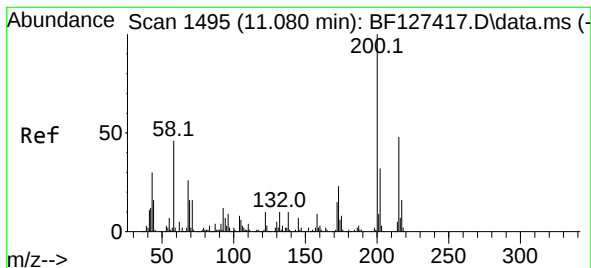
Tgt Ion:248 Resp: 176526  
Ion Ratio Lower Upper  
248 100  
250 99.0 76.6 115.0  
141 71.0 52.2 78.2



#68  
Hexachlorobenzene  
Concen: 42.131 ng  
RT: 10.969 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:284 Resp: 198151  
Ion Ratio Lower Upper  
284 100  
142 34.6 23.8 35.8  
249 32.3 23.9 35.9





#69

Atrazine

Concen: 47.952 ng

RT: 11.069 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

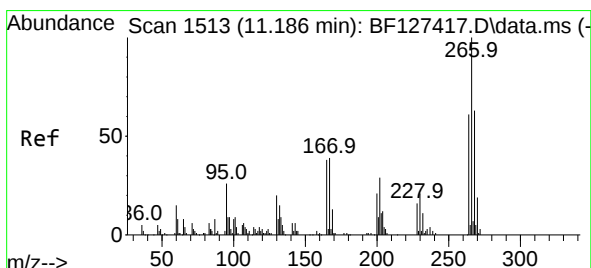
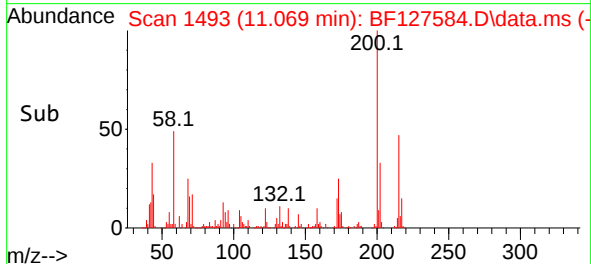
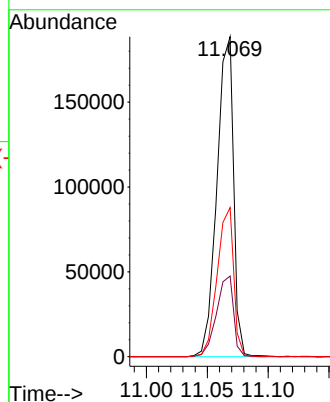
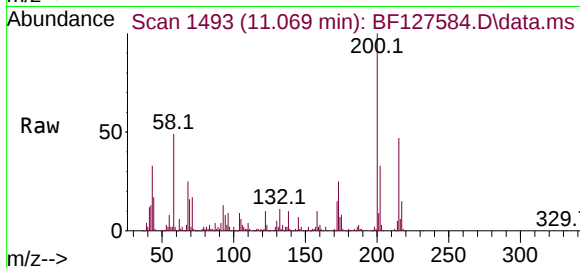
Tgt Ion:200 Resp: 179337

Ion Ratio Lower Upper

200 100

173 25.2 2.9 42.9

215 46.6 28.0 68.0



#70

Pentachlorophenol

Concen: 71.414 ng

RT: 11.175 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

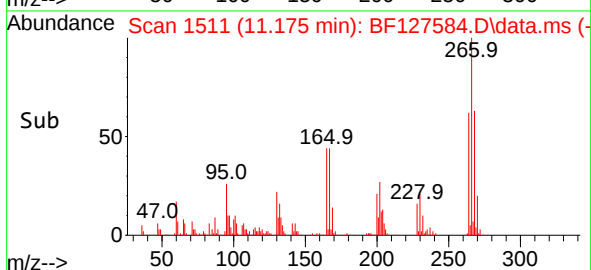
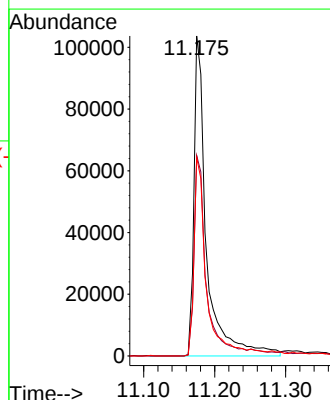
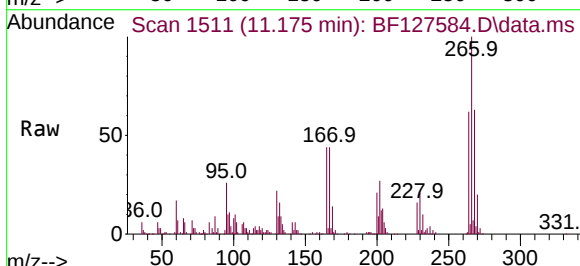
Tgt Ion:266 Resp: 128245

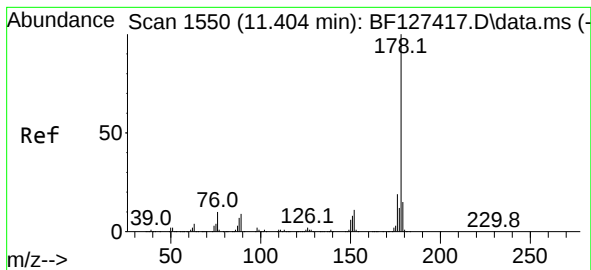
Ion Ratio Lower Upper

266 100

268 62.6 50.4 75.6

264 62.1 48.5 72.7





#71

Phenanthrene

Concen: 40.866 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

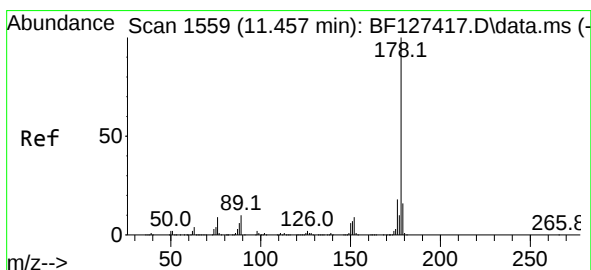
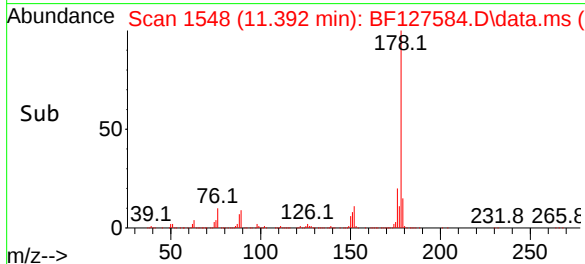
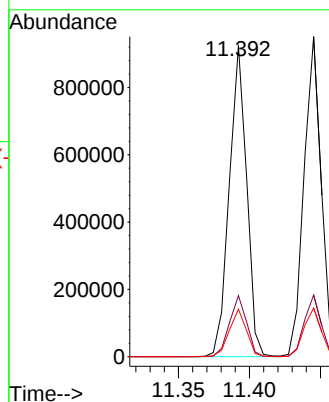
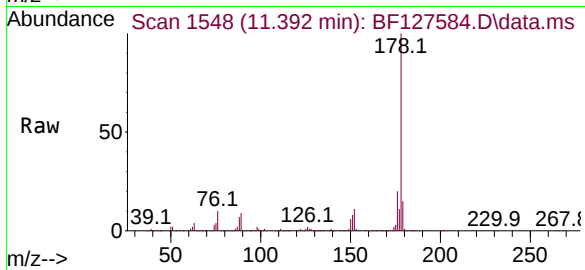
Tgt Ion:178 Resp: 786255

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.3 12.4 18.6



#72

Anthracene

Concen: 42.143 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

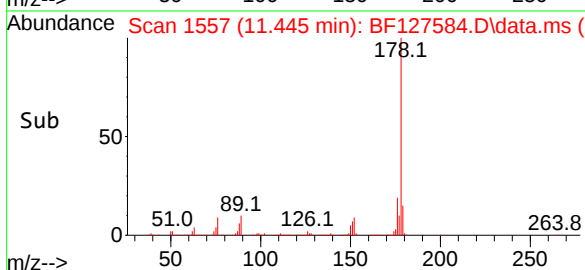
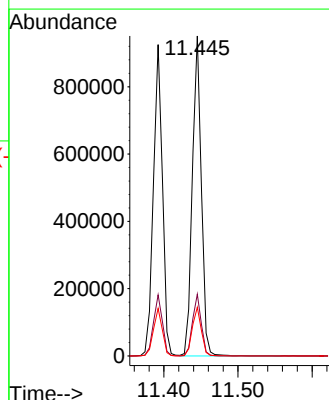
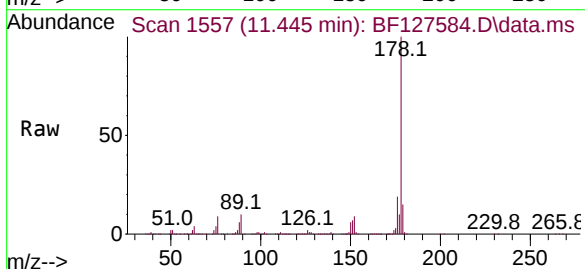
Tgt Ion:178 Resp: 804644

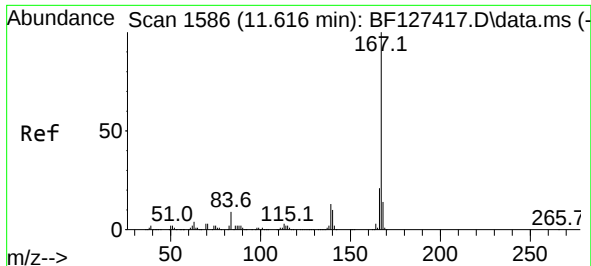
Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

179 15.2 12.4 18.6

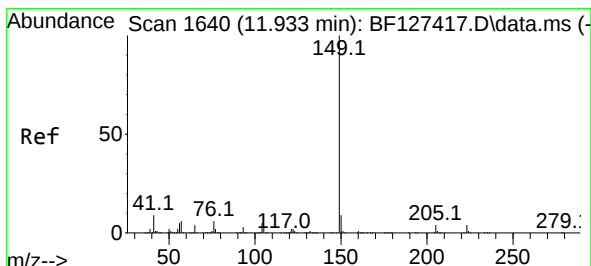
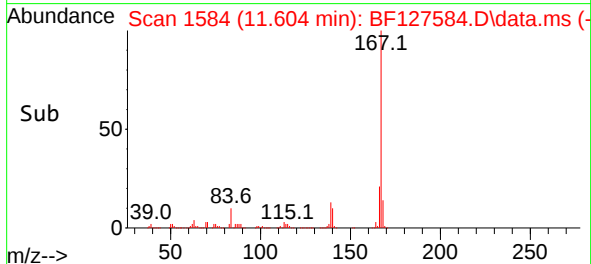
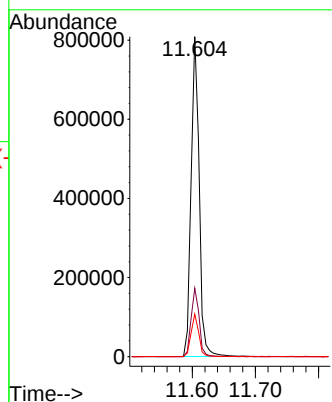
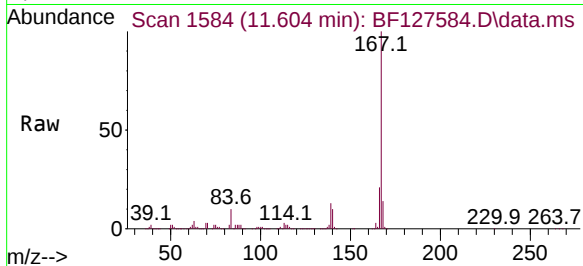




#73  
 Carbazole  
 Concen: 39.613 ng  
 RT: 11.604 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

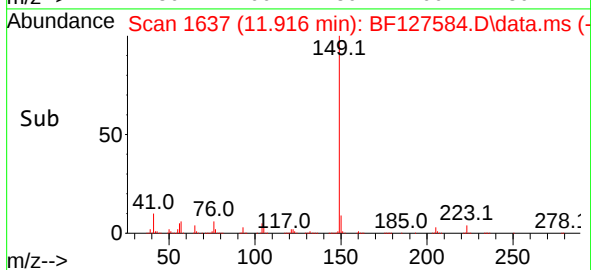
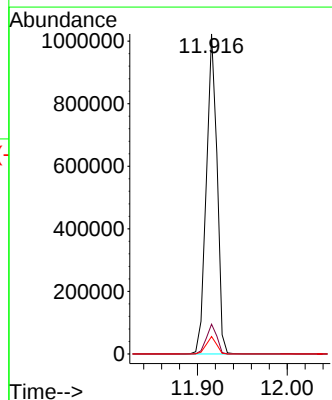
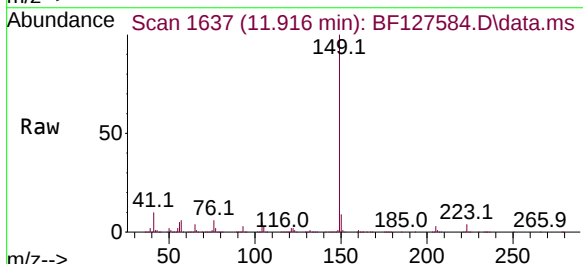
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143724BS

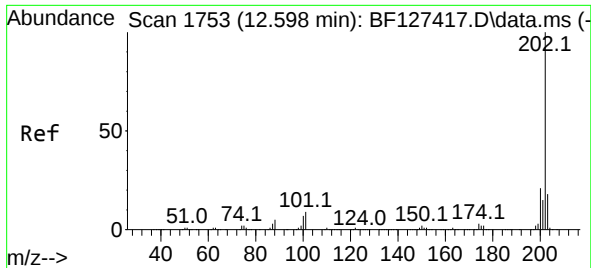
Tgt Ion:167 Resp: 723298  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.0 25.4  
 139 13.3 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 44.748 ng  
 RT: 11.916 min Scan# 1637  
 Delta R.T. 0.000 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

Tgt Ion:149 Resp: 845740  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.5 11.3  
 104 5.5 4.2 6.2

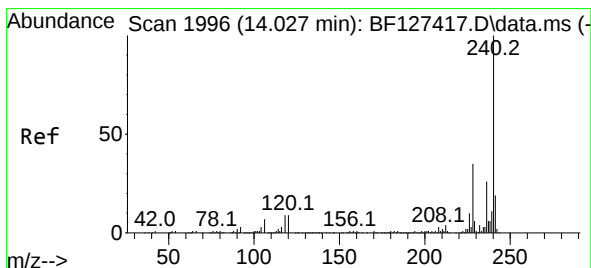
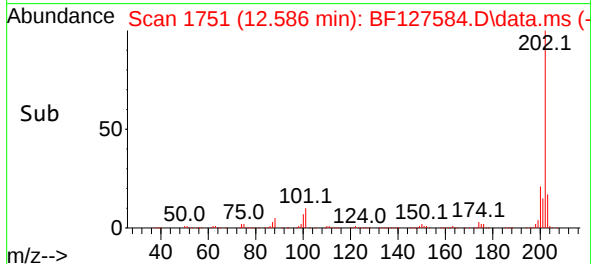
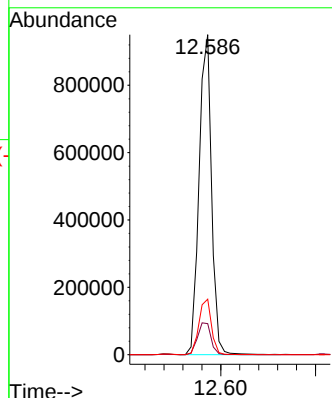
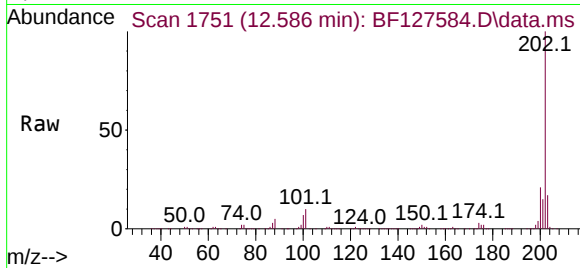




#75  
Fluoranthene  
Concen: 41.014 ng  
RT: 12.586 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

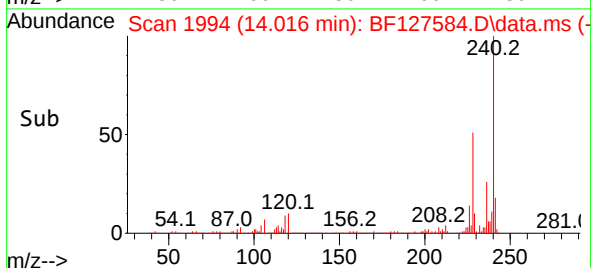
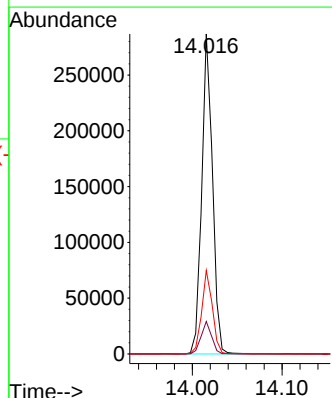
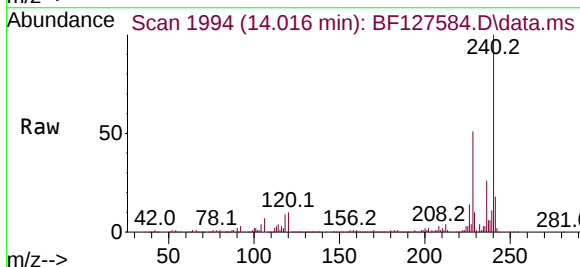
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

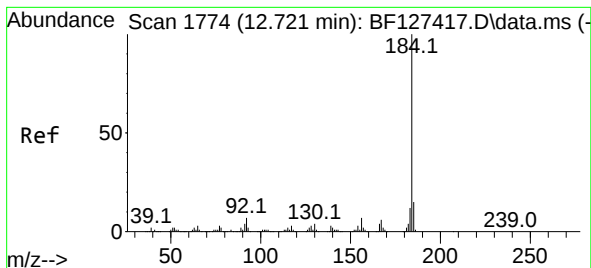
Tgt Ion:202 Resp: 867924  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 29.0  
203 17.3 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:240 Resp: 238169  
Ion Ratio Lower Upper  
240 100  
120 10.2 7.1 10.7  
236 26.1 20.7 31.1





#77

Benzidine

Concen: 45.648 ng

RT: 12.710 min Scan# 1772

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

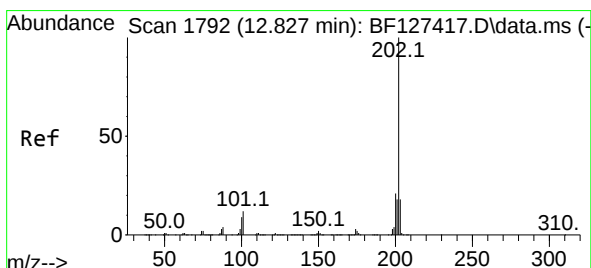
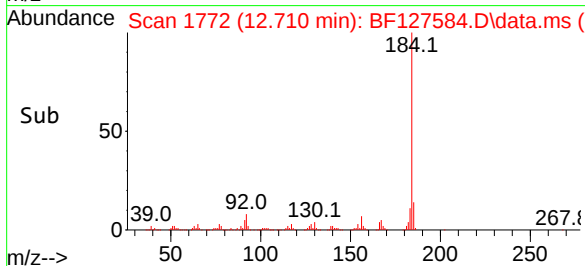
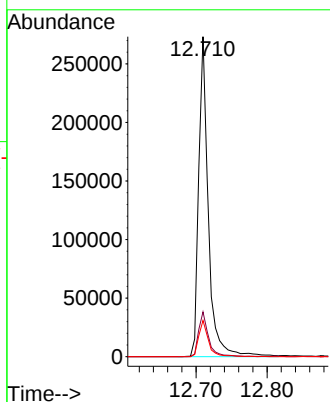
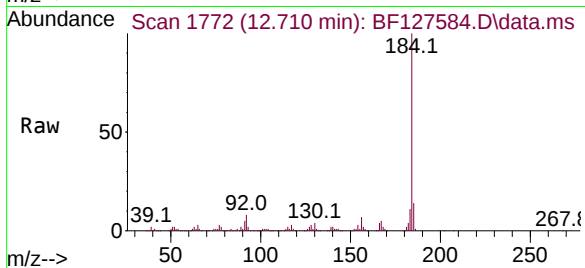
Tgt Ion:184 Resp: 259228

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

183 11.3 9.4 14.0



#78

Pyrene

Concen: 42.445 ng

RT: 12.816 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

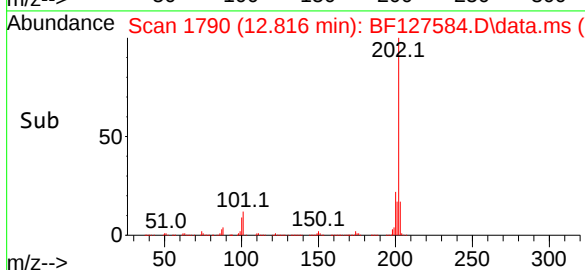
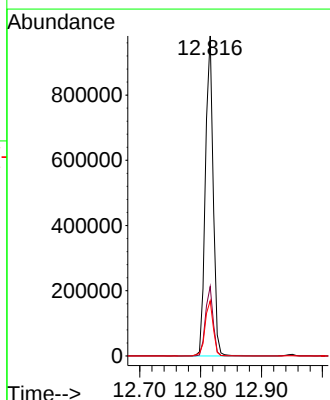
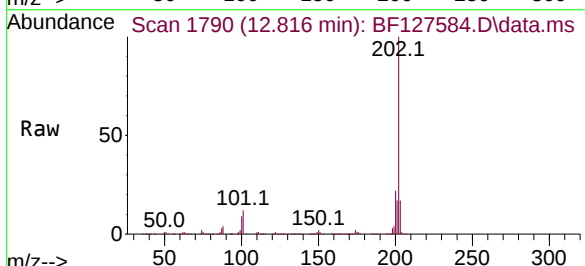
Tgt Ion:202 Resp: 867579

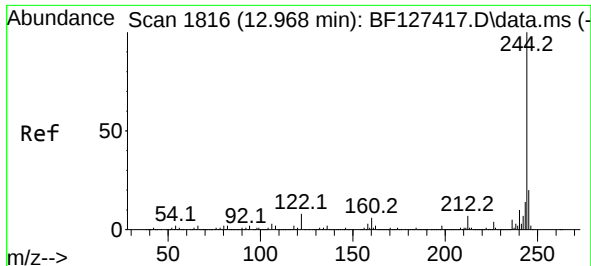
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

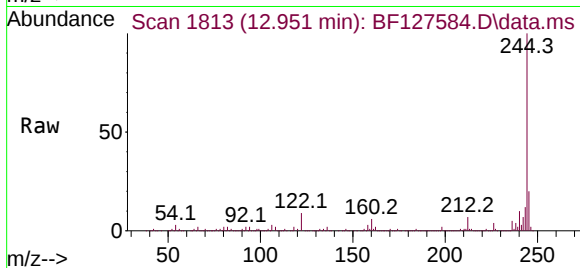
203 17.3 14.3 21.5



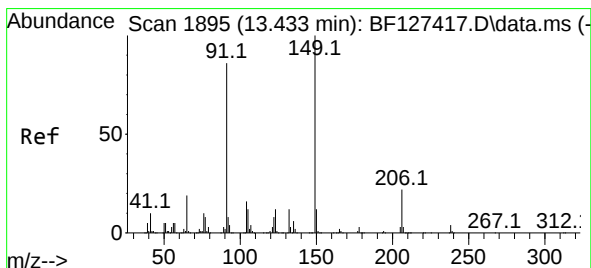
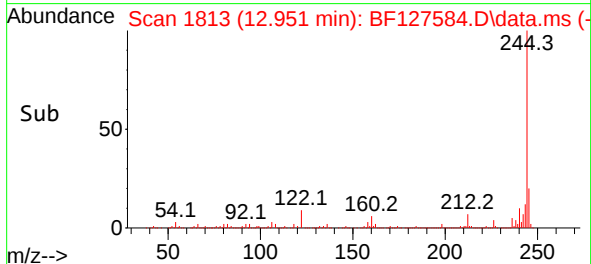
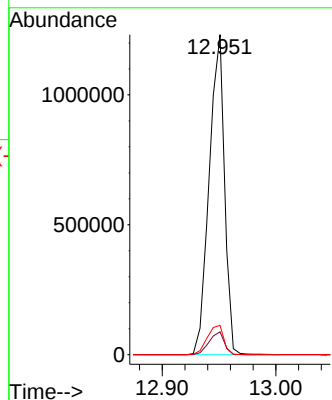


#79  
 Terphenyl-d14  
 Concen: 79.341 ng  
 RT: 12.951 min Scan# 1813  
 Delta R.T. 0.000 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143724BS

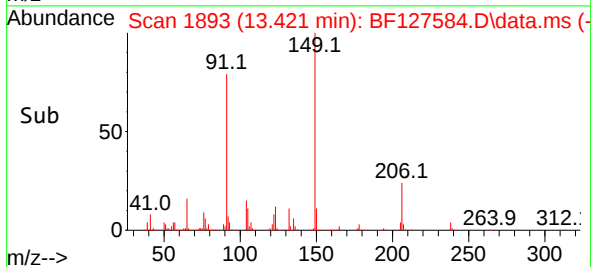
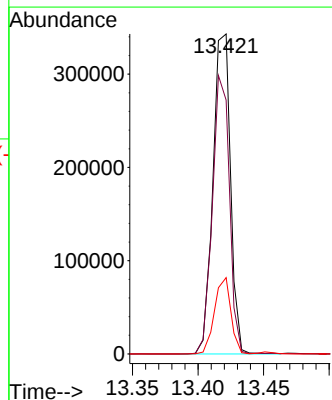
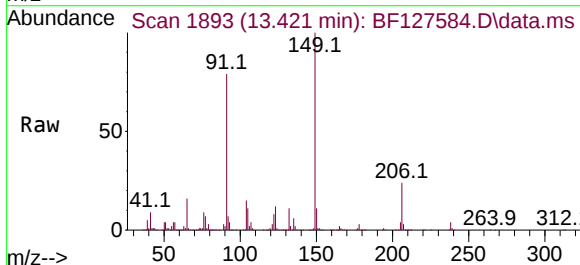


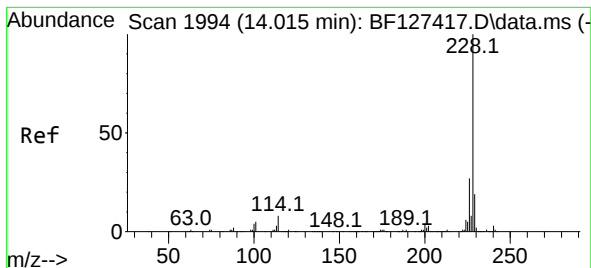
Tgt Ion:244 Resp: 1154328  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 9.2 6.2 9.2



#80  
 Butylbenzylphthalate  
 Concen: 47.605 ng  
 RT: 13.421 min Scan# 1893  
 Delta R.T. 0.006 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

Tgt Ion:149 Resp: 320255  
 Ion Ratio Lower Upper  
 149 100  
 91 79.4 69.1 103.7  
 206 23.9 17.7 26.5





#81

Benzo(a)anthracene

Concen: 42.145 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

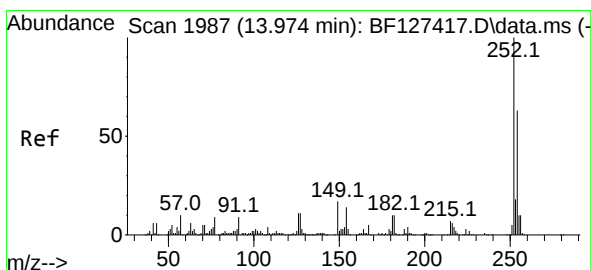
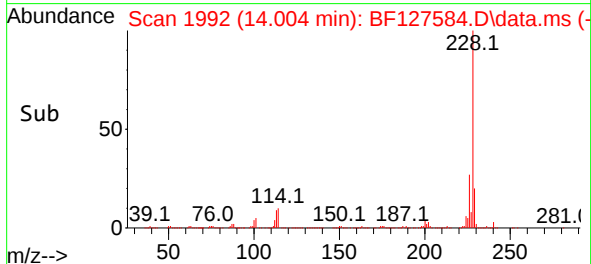
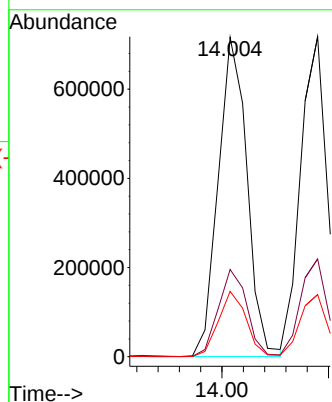
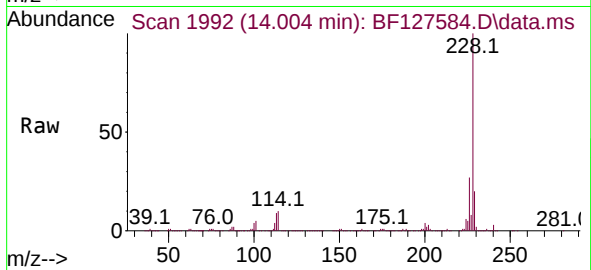
Tgt Ion:228 Resp: 671268

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 20.4 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 25.855 ng

RT: 13.963 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

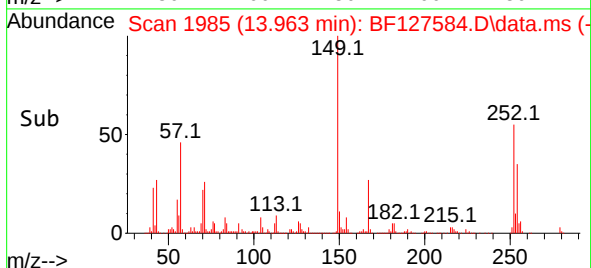
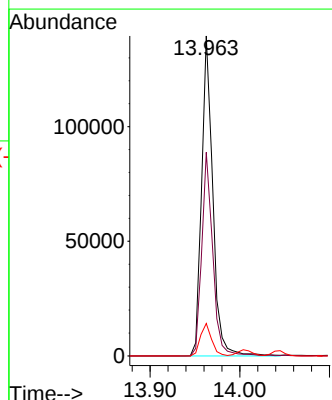
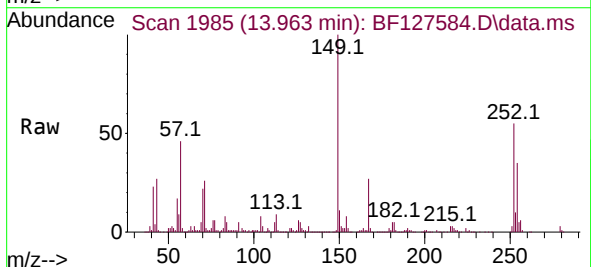
Tgt Ion:252 Resp: 121029

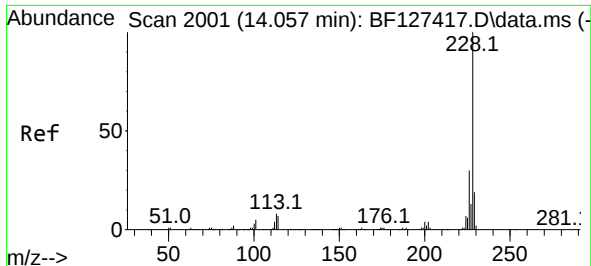
Ion Ratio Lower Upper

252 100

254 63.6 50.2 75.4

126 10.2 8.7 13.1

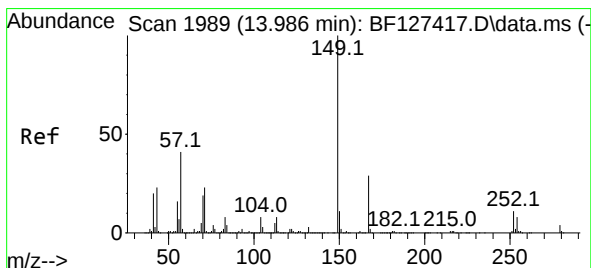
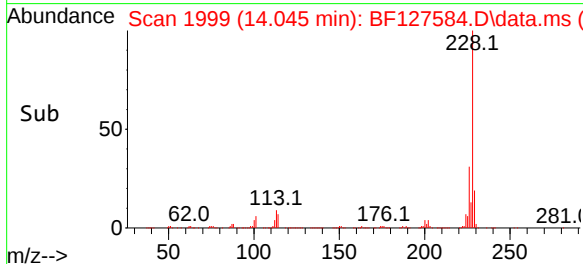
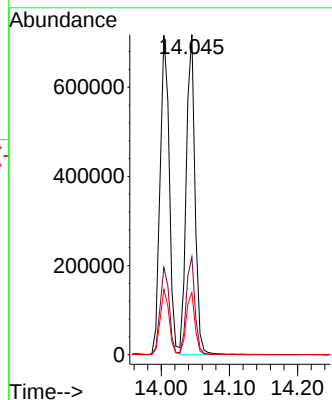
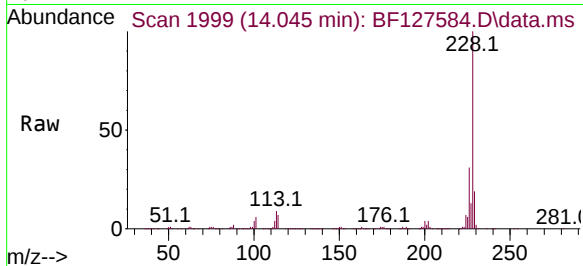




#83  
Chrysene  
Concen: 42.180 ng  
RT: 14.045 min Scan# 1999  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

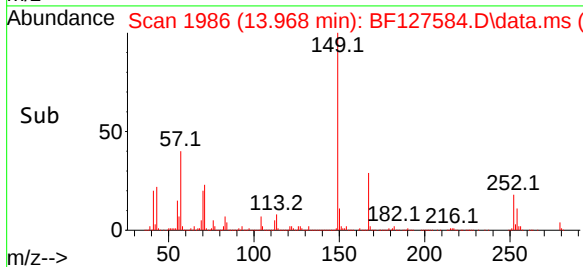
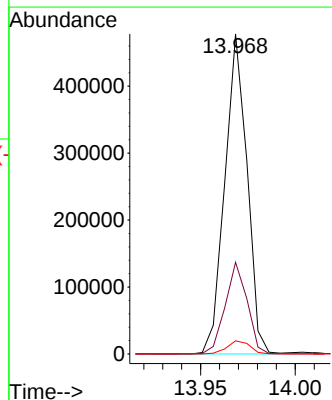
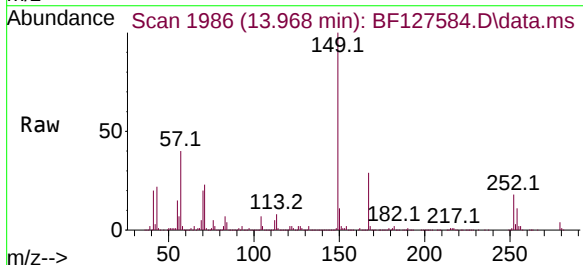
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

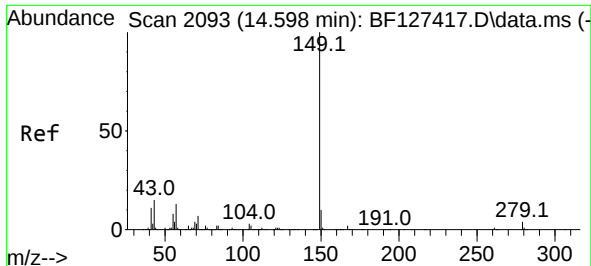
Tgt Ion:228 Resp: 636176  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.2 36.4  
229 19.4 15.4 23.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.089 ng  
RT: 13.968 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:149 Resp: 389519  
Ion Ratio Lower Upper  
149 100  
167 28.7 22.9 34.3  
279 4.1 3.2 4.8

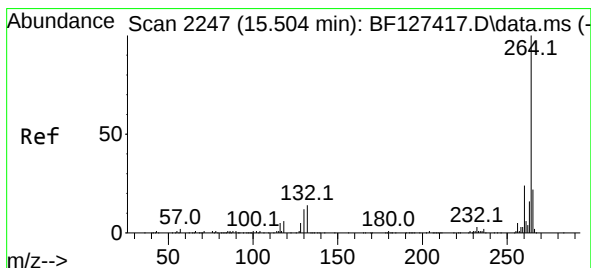
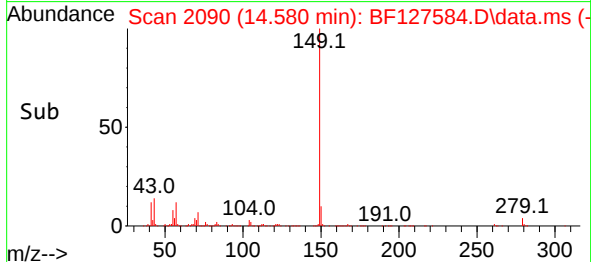
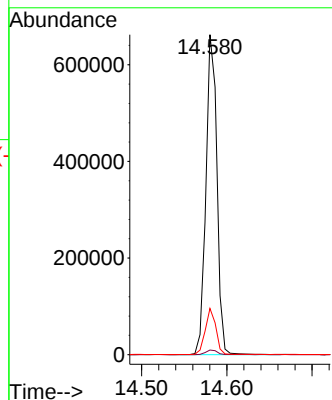
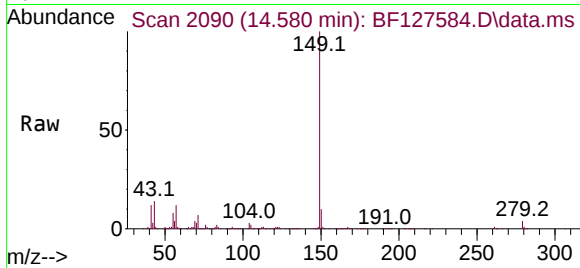




#85  
Di-n-octyl phthalate  
Concen: 57.345 ng  
RT: 14.580 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

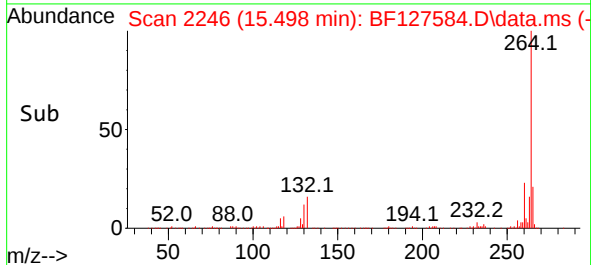
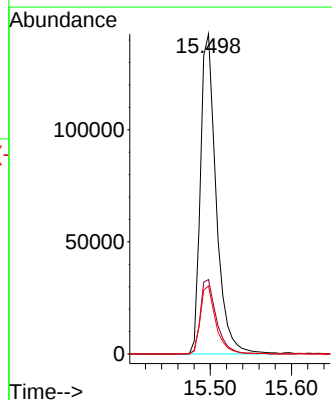
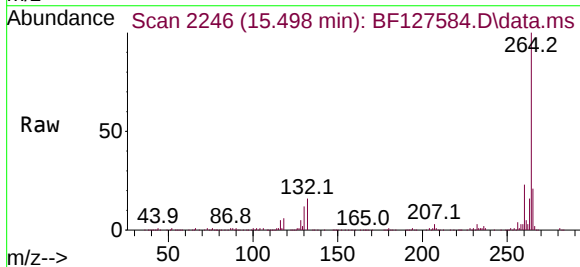
Instrument :  
BNA\_F  
ClientSampleId :  
PB143724BS

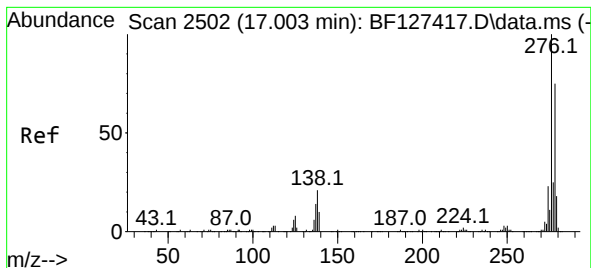
Tgt Ion:149 Resp: 593431  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 14.1 11.0 16.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.498 min Scan# 2246  
Delta R.T. 0.006 min  
Lab File: BF127584.D  
Acq: 30 Mar 2022 13:23

Tgt Ion:264 Resp: 192315  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.1 28.7  
265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.945 ng

RT: 17.004 min Scan# 2172

Delta R.T. 0.012 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

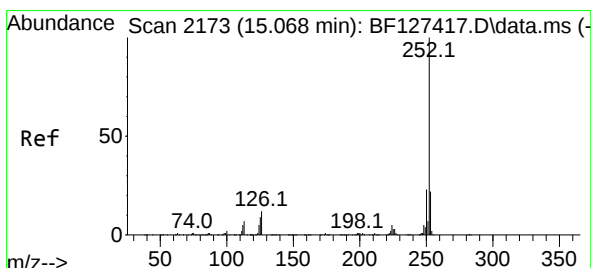
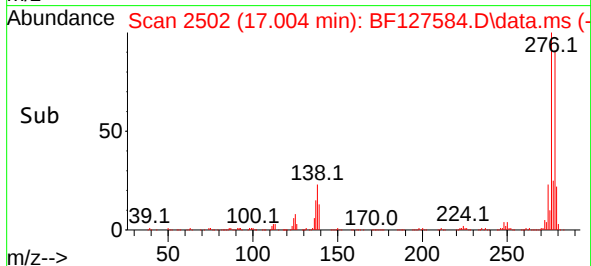
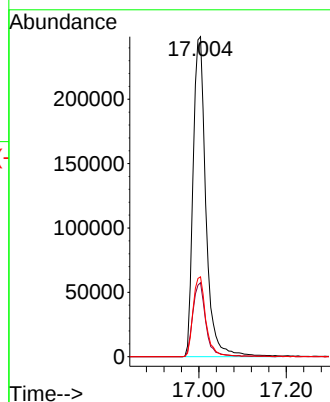
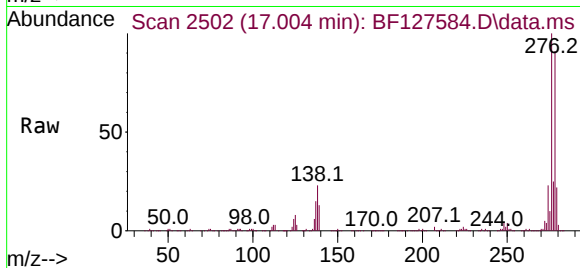
Tgt Ion:276 Resp: 506805

Ion Ratio Lower Upper

276 100

138 23.4 17.1 25.7

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 43.609 ng

RT: 15.063 min Scan# 2172

Delta R.T. 0.006 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

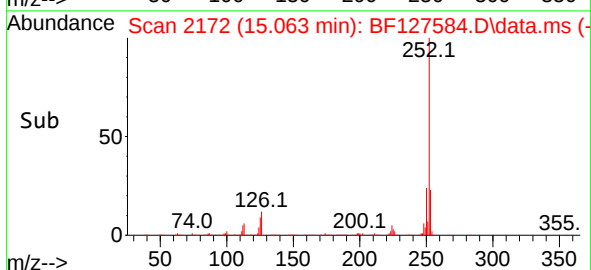
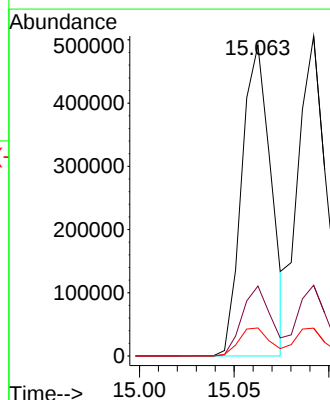
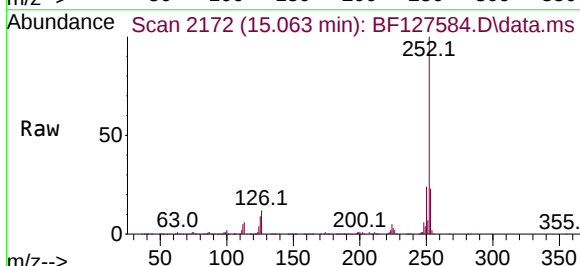
Tgt Ion:252 Resp: 528795

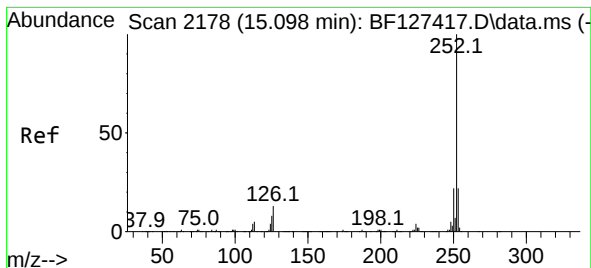
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 9.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 42.892 ng

RT: 15.092 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

Instrument :

BNA\_F

ClientSampleId :

PB143724BS

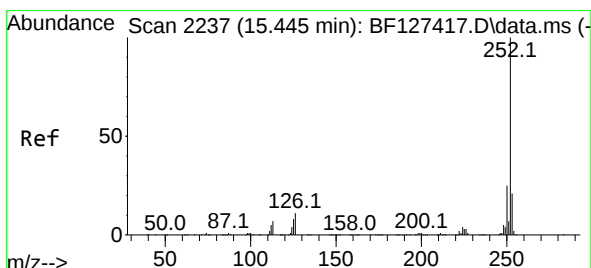
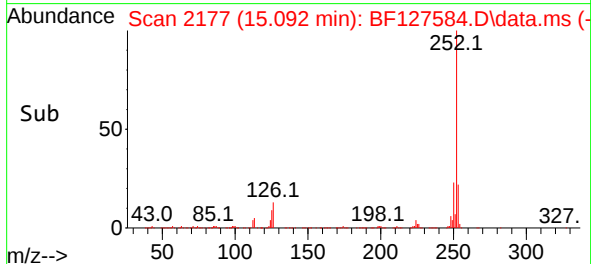
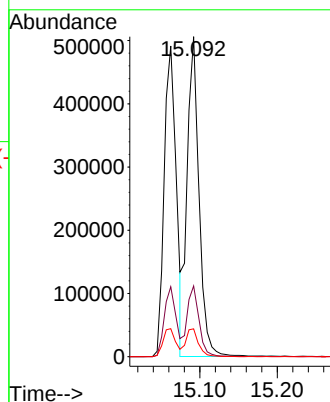
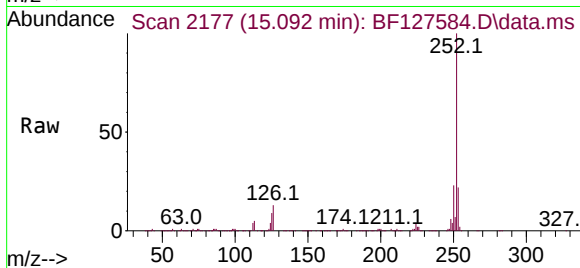
Tgt Ion:252 Resp: 539175

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 8.7 6.9 10.3



#90

Benzo(a)pyrene

Concen: 51.329 ng

RT: 15.433 min Scan# 2235

Delta R.T. 0.006 min

Lab File: BF127584.D

Acq: 30 Mar 2022 13:23

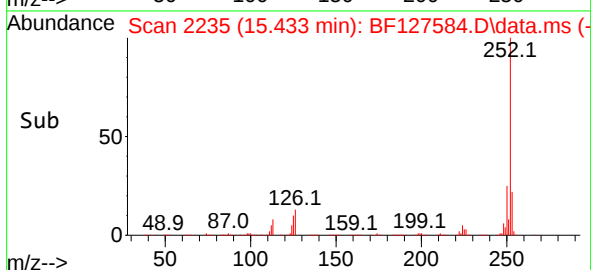
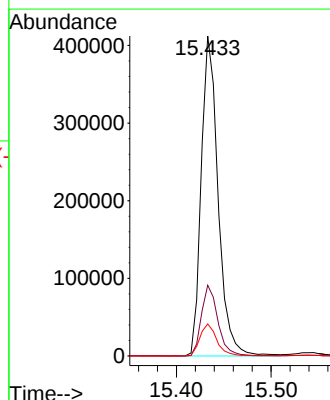
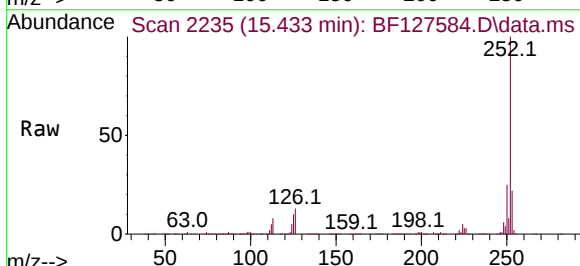
Tgt Ion:252 Resp: 510799

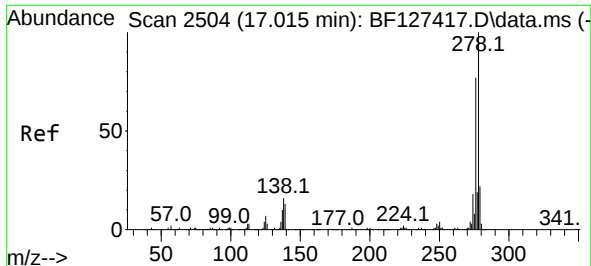
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.0 6.7 10.1

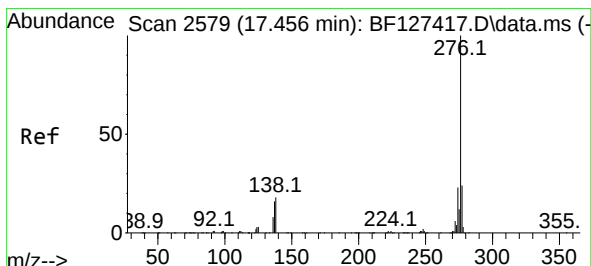
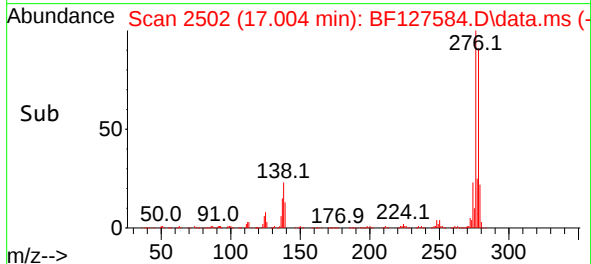
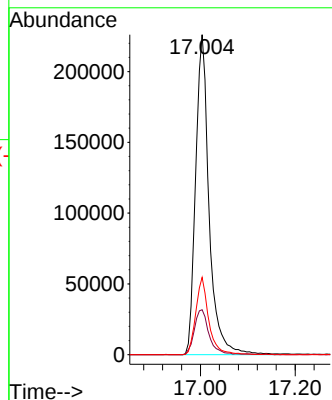
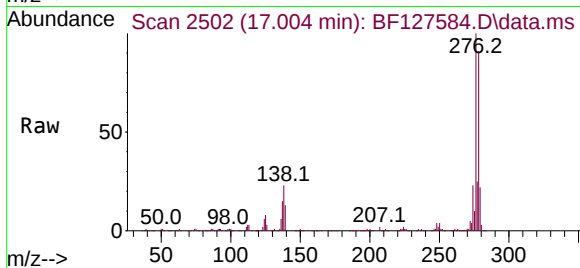




#91  
 Dibenzo(a,h)anthracene  
 Concen: 41.537 ng  
 RT: 17.004 min Scan# 2504  
 Delta R.T. 0.006 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143724BS

Tgt Ion:278 Resp: 446269  
 Ion Ratio Lower Upper  
 278 100  
 139 14.1 10.8 16.2  
 279 24.1 17.7 26.5



#92  
 Benzo(g,h,i)perylene  
 Concen: 39.284 ng  
 RT: 17.456 min Scan# 2579  
 Delta R.T. 0.012 min  
 Lab File: BF127584.D  
 Acq: 30 Mar 2022 13:23

Tgt Ion:276 Resp: 436251  
 Ion Ratio Lower Upper  
 276 100  
 277 24.0 19.0 28.4  
 138 19.8 14.6 22.0

