

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060122\  
 Data File : BF128619.D  
 Acq On : 01 Jun 2022 12:18  
 Operator : CG\JU  
 Sample : PB145210BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145210BS

Quant Time: Jun 02 04:34:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 152965   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 608043   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.875  | 164  | 351673   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 639456   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 422323   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.468 | 264  | 289833   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 1067462  | 115.592 | ng    | 0.05     |
| 7) Phenol-d6                  | 6.516  | 99   | 1289250  | 109.494 | ng    | 0.05     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 989072   | 93.838  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.675 | 330  | 456110   | 136.261 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 1804519  | 83.364  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 2022866  | 92.538  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.734  | 88   | 109306   | 26.545  | ng    | 96       |
| 3) Pyridine                   | 3.469  | 79   | 284392   | 26.676  | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.434  | 42   | 251120   | 44.951  | ng    | # 76     |
| 6) Aniline                    | 6.504  | 93   | 471173   | 34.292  | ng    | # 88     |
| 8) 2-Chlorophenol             | 6.646  | 128  | 416030   | 43.447  | ng    | 99       |
| 9) Benzaldehyde               | 6.387  | 77   | 233866   | 47.711  | ng    | 94       |
| 10) Phenol                    | 6.528  | 94   | 484464m  | 41.522  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 400036   | 41.883  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 459271   | 42.215  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 457307   | 41.558  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 431811   | 42.635  | ng    | 97       |
| 15) Benzyl Alcohol            | 6.993  | 79   | 393978   | 43.871  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 620825   | 36.727  | ng    | 92       |
| 17) 2-Methylphenol            | 7.134  | 107  | 329083   | 40.379  | ng    | 94       |
| 18) Hexachloroethane          | 7.345  | 117  | 182017   | 46.892  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 330362   | 45.760  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 468516   | 47.585  | ng    | # 80     |
| 22) Acetophenone              | 7.251  | 105  | 613460   | 43.755  | ng    | # 97     |
| 24) Nitrobenzene              | 7.422  | 77   | 480119   | 46.076  | ng    | 95       |
| 25) Isophorone                | 7.663  | 82   | 833655   | 42.875  | ng    | 96       |
| 26) 2-Nitrophenol             | 7.740  | 139  | 214495   | 49.251  | ng    | # 92     |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 362627   | 41.890  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 486882   | 38.583  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 360295   | 40.217  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 389615   | 40.150  | ng    | 100      |
| 31) Naphthalene               | 8.145  | 128  | 1200290  | 40.333  | ng    | 99       |
| 32) Benzoic acid              | 7.951  | 122  | 201643   | 32.952  | ng    | 92       |
| 33) 4-Chloroaniline           | 8.198  | 127  | 371089   | 31.317  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.257  | 225  | 274914   | 44.869  | ng    | 99       |
| 35) Caprolactam               | 8.581  | 113  | 107199m  | 38.805  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 420358   | 45.674  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.834  | 142  | 774717   | 41.242  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.934  | 142  | 742103   | 40.619  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 399793   | 41.399  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.987  | 237  | 527113   | 97.102  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.128  | 196  | 276236   | 38.789  | ng    | 96       |

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

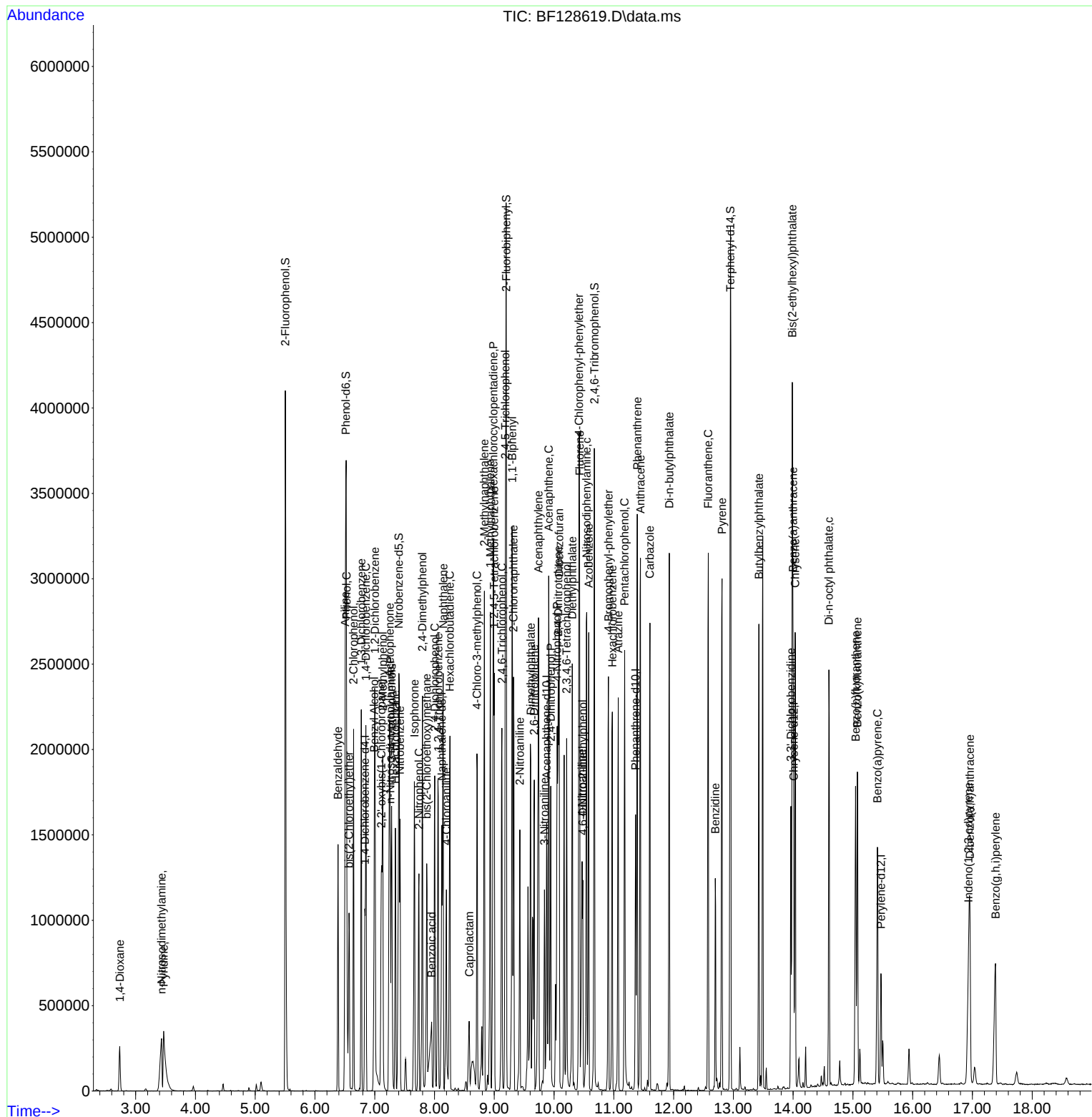
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 273245m  | 37.239  | ng    |          |
| 46) 1,1'-Biphenyl             | 9.298  | 154  | 984162   | 39.855  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 752781   | 38.834  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 270568   | 50.195  | ng    | 94       |
| 49) Acenaphthylene            | 9.739  | 152  | 1225443  | 41.151  | ng    | 100      |
| 50) Dimethylphthalate         | 9.610  | 163  | 951069   | 41.692  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 203869   | 48.764  | ng    | 88       |
| 52) Acenaphthene              | 9.910  | 154  | 855783m  | 46.578  | ng    |          |
| 53) 3-Nitroaniline            | 9.839  | 138  | 168879   | 34.978  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.945  | 184  | 216263   | 100.112 | ng    | # 89     |
| 55) Dibenzofuran              | 10.086 | 168  | 1057095  | 38.778  | ng    | 94       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 319394   | 81.522  | ng    | # 65     |
| 57) 2,4-Dinitrotoluene        | 10.069 | 165  | 266254   | 53.232  | ng    | # 83     |
| 58) Fluorene                  | 10.428 | 166  | 850414   | 43.333  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 241363   | 40.590  | ng    | 98       |
| 60) Diethylphthalate          | 10.304 | 149  | 946149   | 42.697  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 435189   | 43.707  | ng    | 91       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 198343m  | 42.907  | ng    |          |
| 63) Azobenzene                | 10.581 | 77   | 890908   | 39.491  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.481 | 198  | 143083   | 48.371  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 774987   | 40.480  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 281993   | 42.683  | ng    | 98       |
| 68) Hexachlorobenzene         | 10.975 | 284  | 318102   | 43.600  | ng    | # 93     |
| 69) Atrazine                  | 11.075 | 200  | 275349   | 46.342  | ng    | 98       |
| 70) Pentachlorophenol         | 11.181 | 266  | 311486   | 70.060  | ng    | 99       |
| 71) Phenanthrene              | 11.392 | 178  | 1247808  | 41.193  | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 1260894  | 41.672  | ng    | 100      |
| 73) Carbazole                 | 11.604 | 167  | 1086285  | 37.461  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.928 | 149  | 1429532  | 41.885  | ng    | 99       |
| 75) Fluoranthene              | 12.580 | 202  | 1317251  | 40.674  | ng    | 97       |
| 77) Benzidine                 | 12.698 | 184  | 451517   | 46.352  | ng    | 100      |
| 78) Pyrene                    | 12.810 | 202  | 1295986  | 40.734  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 551852   | 41.122  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 1056735  | 42.098  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 302704   | 47.094  | ng    | 97       |
| 83) Chrysene                  | 14.033 | 228  | 1002770  | 39.008  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 762535   | 46.980  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 1166813  | 40.839  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.933 | 276  | 726334   | 42.489  | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 855832   | 47.468  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.074 | 252  | 828727   | 49.610  | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.410 | 252  | 749527   | 51.815  | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 16.957 | 278  | 642389   | 45.322  | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.386 | 276  | 637910   | 45.375  | ng    | # 92     |

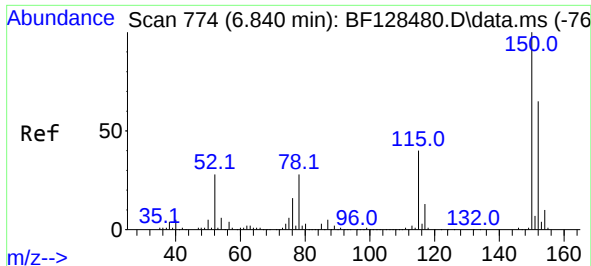
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ALS Vial  : 4    Sample Multiplier: 1
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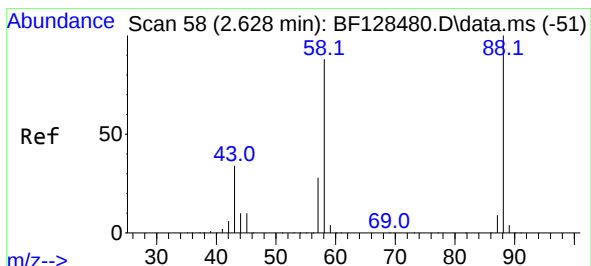
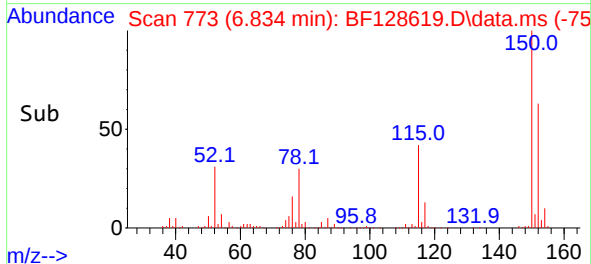
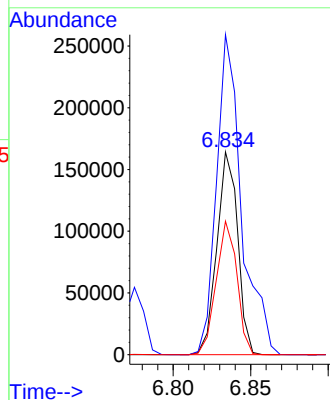
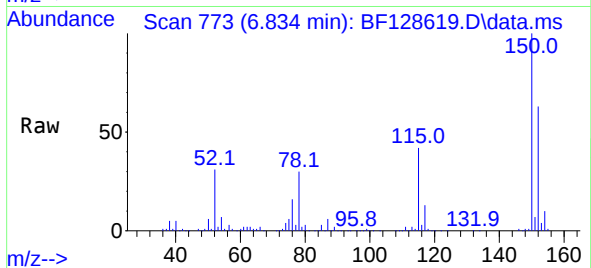




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

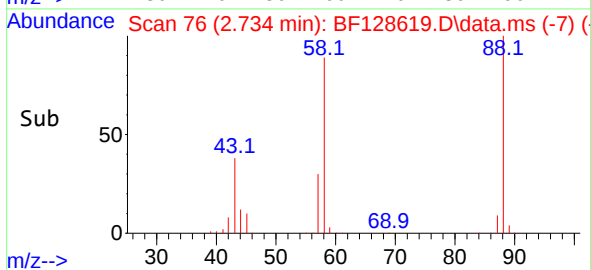
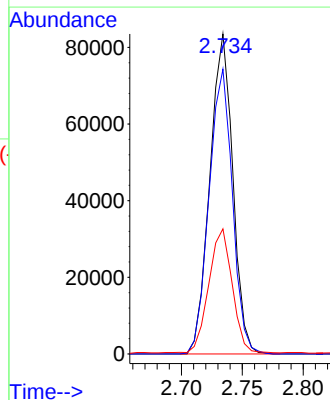
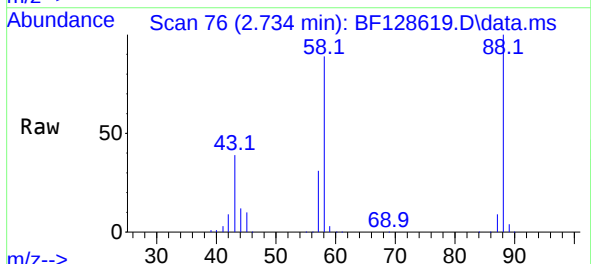
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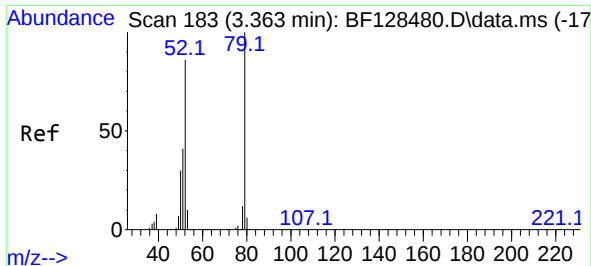
Tgt Ion:152 Resp: 152965  
Ion Ratio Lower Upper  
152 100  
150 157.9 123.7 185.5  
115 65.8 49.9 74.9



#2  
1,4-Dioxane  
Concen: 26.545 ng  
RT: 2.734 min Scan# 76  
Delta R.T. 0.106 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 88 Resp: 109306  
Ion Ratio Lower Upper  
88 100  
58 90.5 71.8 107.8  
43 39.4 26.6 39.8

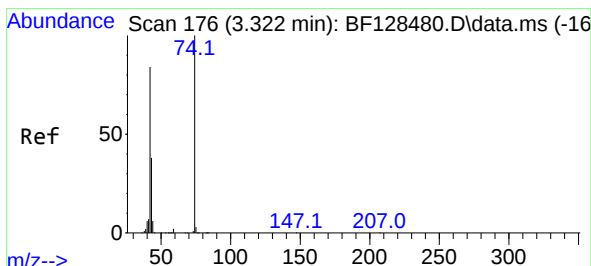
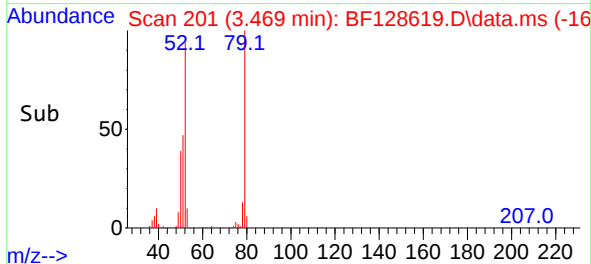
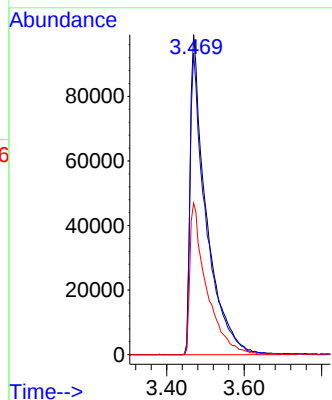
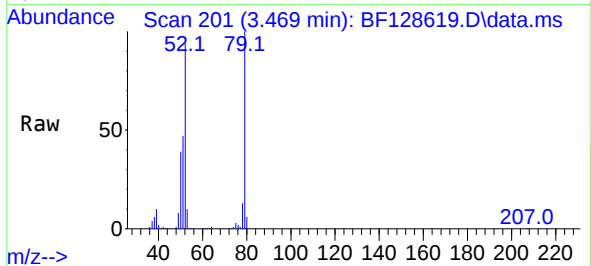




#3  
Pyridine  
Concen: 26.676 ng  
RT: 3.469 min Scan# 20  
Delta R.T. 0.106 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

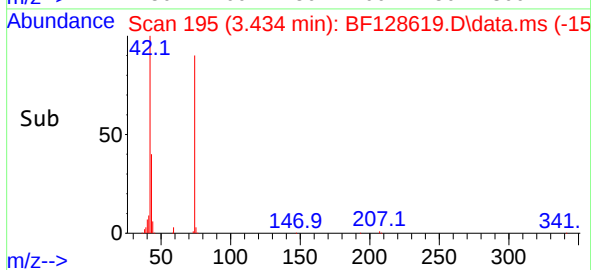
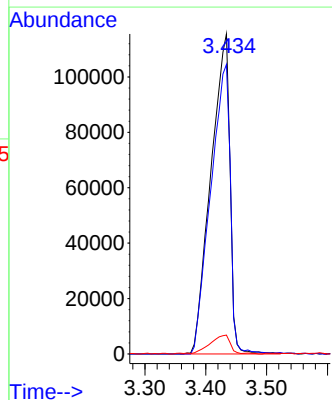
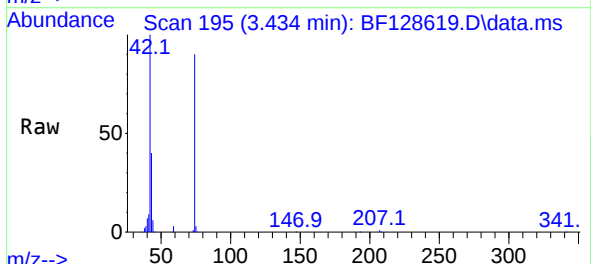
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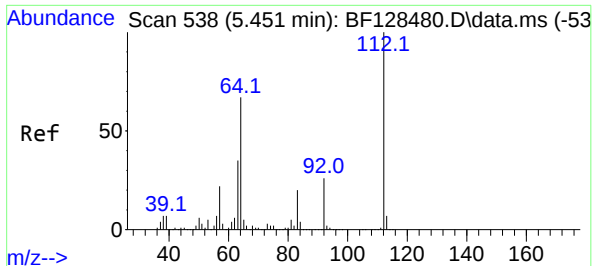
Tgt Ion: 79 Resp: 284392  
Ion Ratio Lower Upper  
79 100  
52 94.3 68.6 102.8  
51 47.4 32.9 49.3



#4  
n-Nitrosodimethylamine  
Concen: 44.951 ng  
RT: 3.434 min Scan# 195  
Delta R.T. 0.112 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 42 Resp: 251120  
Ion Ratio Lower Upper  
42 100  
74 90.4 94.8 142.2#  
44 5.9 6.6 10.0#

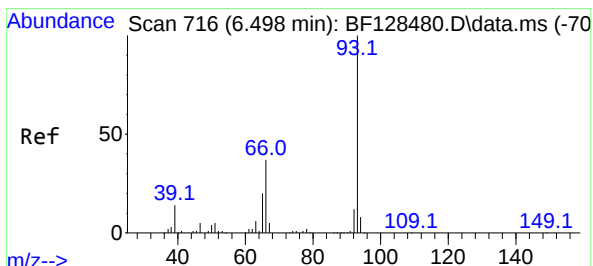
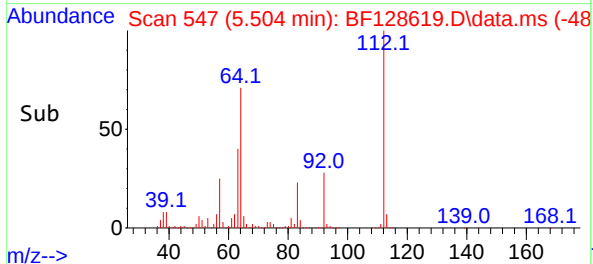
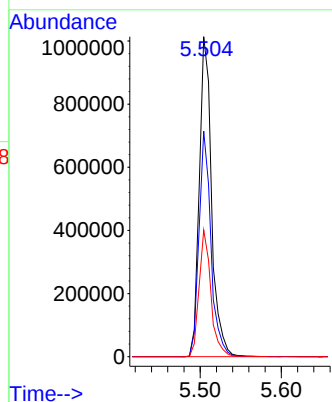
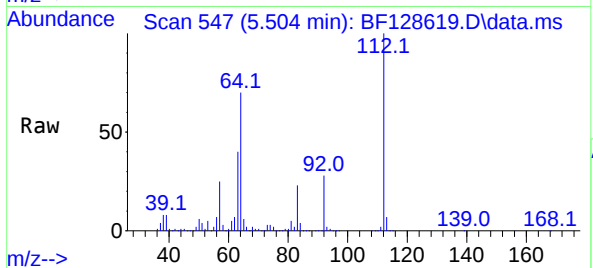




#5  
2-Fluorophenol  
Concen: 115.592 ng  
RT: 5.504 min Scan# 54  
Delta R.T. 0.053 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

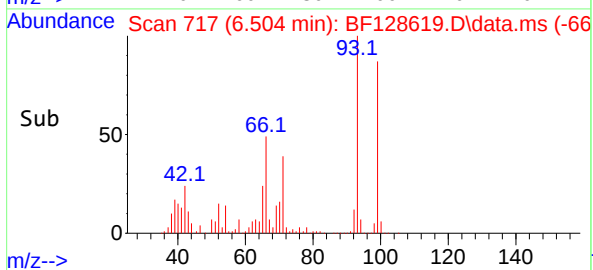
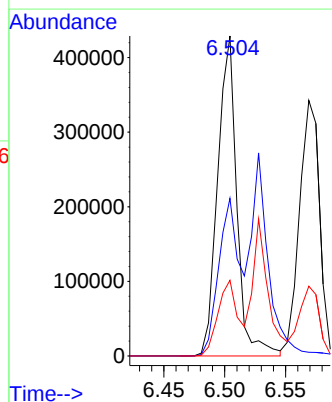
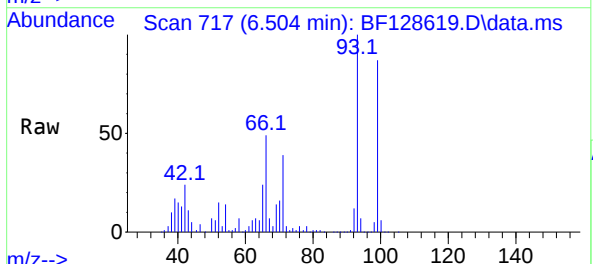
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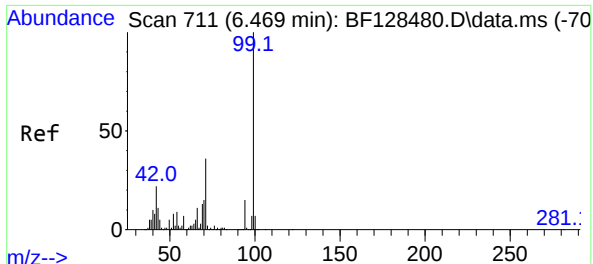
Tgt Ion:112 Resp: 1067462  
Ion Ratio Lower Upper  
112 100  
64 70.5 53.3 79.9  
63 39.6 28.0 42.0



#6  
Aniline  
Concen: 34.292 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 93 Resp: 471173  
Ion Ratio Lower Upper  
93 100  
66 49.2 32.5 48.7#  
65 23.7 16.4 24.6

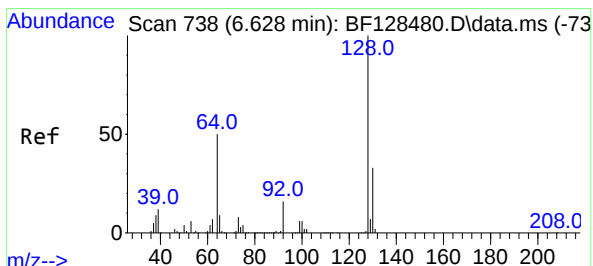
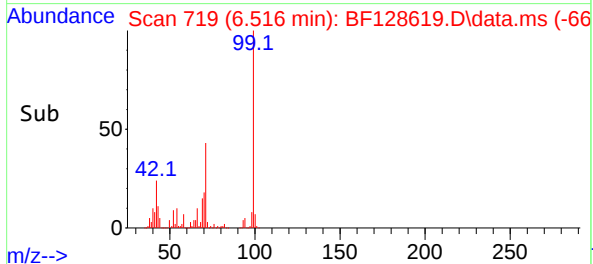
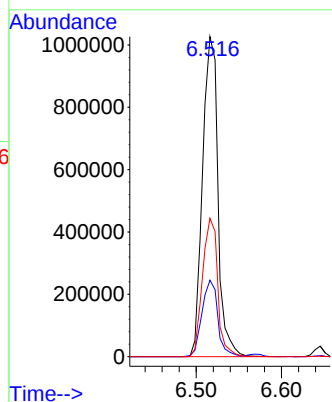
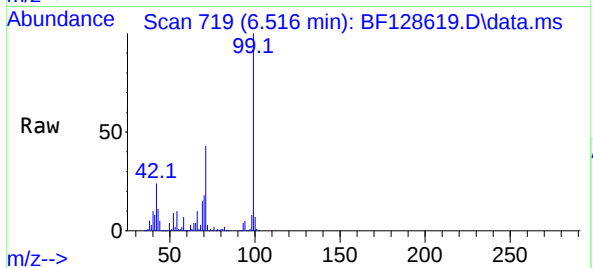




#7  
Phenol-d6  
Concen: 109.494 ng  
RT: 6.516 min Scan# 711  
Delta R.T. 0.047 min  
Lab File: BF128619.D  
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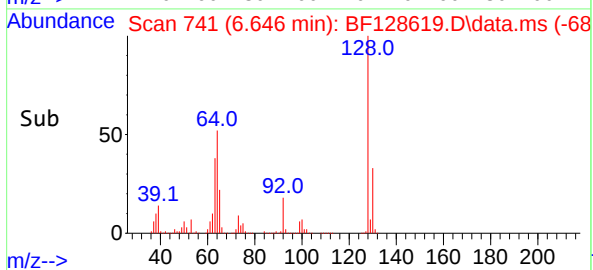
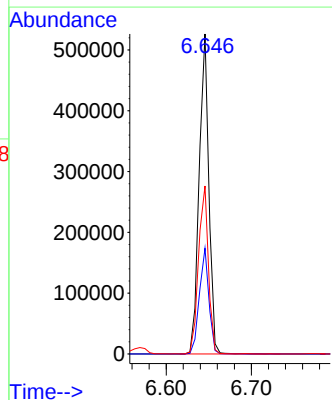
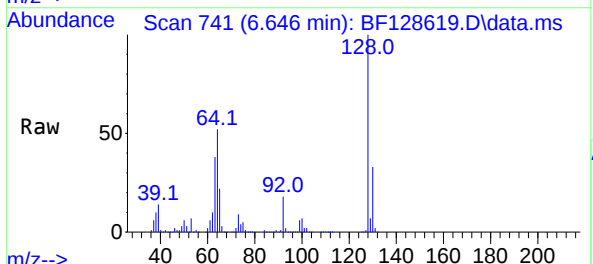
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BNA\_F  
ClientSampleId :  
PB145210BS

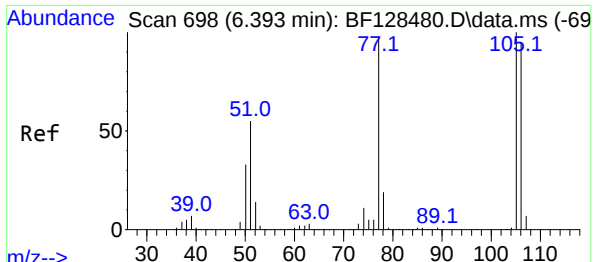
Tgt Ion: 99 Resp: 1289250  
Ion Ratio Lower Upper  
99 100  
42 23.9 17.3 25.9  
71 43.3 28.9 43.3



#8  
2-Chlorophenol  
Concen: 43.447 ng  
RT: 6.646 min Scan# 741  
Delta R.T. 0.018 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 128 Resp: 416030  
Ion Ratio Lower Upper  
128 100  
130 33.0 13.1 53.1  
64 52.5 30.9 70.9

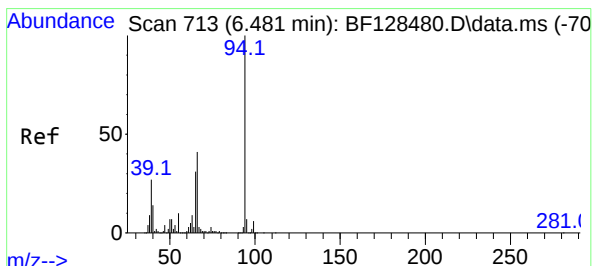
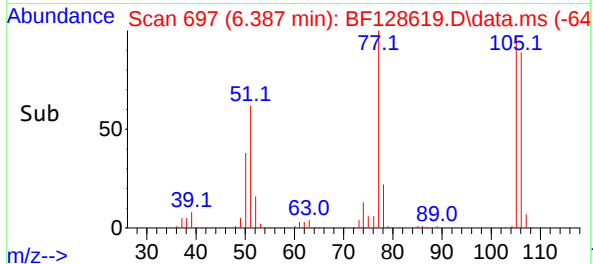
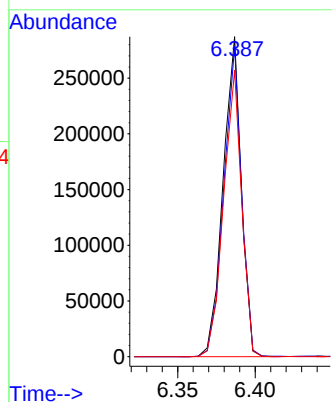
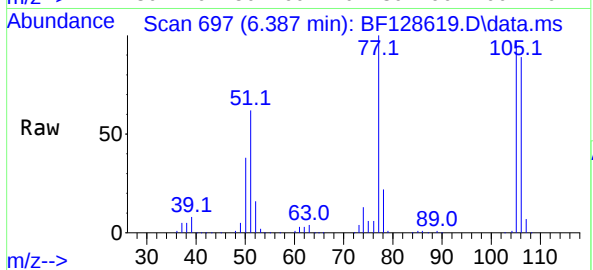




#9  
Benzaldehyde  
Concen: 47.711 ng  
RT: 6.387 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

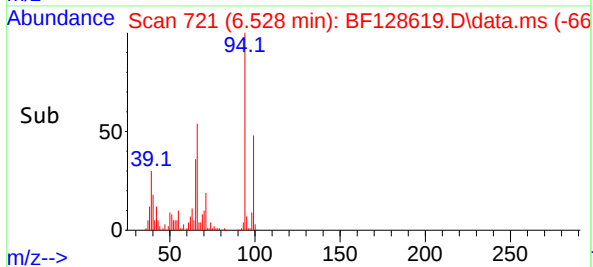
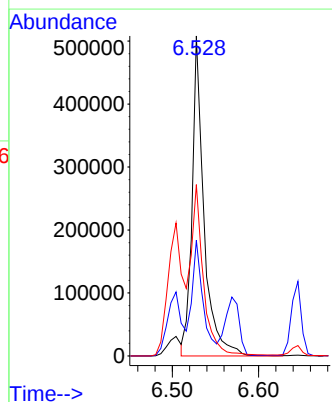
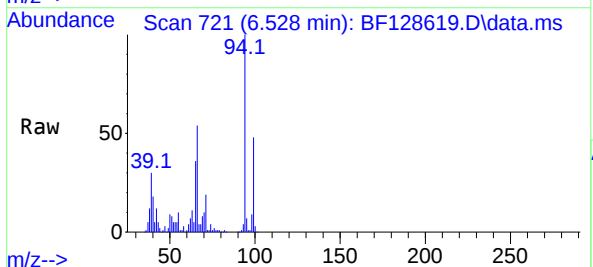
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

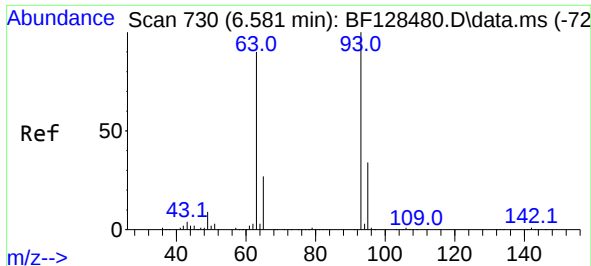
Tgt Ion: 77 Resp: 233866  
Ion Ratio Lower Upper  
77 100  
105 97.0 81.6 121.6  
106 89.4 76.1 116.1



#10  
Phenol  
Concen: 41.522 ng m  
RT: 6.528 min Scan# 721  
Delta R.T. 0.047 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 94 Resp: 484464  
Ion Ratio Lower Upper  
94 100  
65 36.2 11.4 51.4  
66 53.6 21.4 61.4

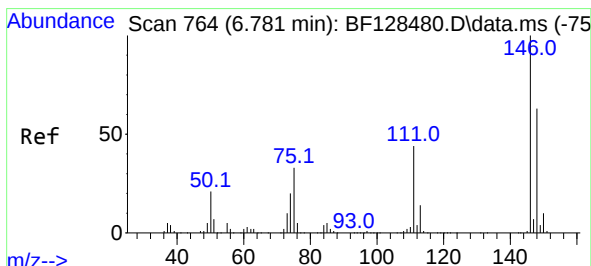
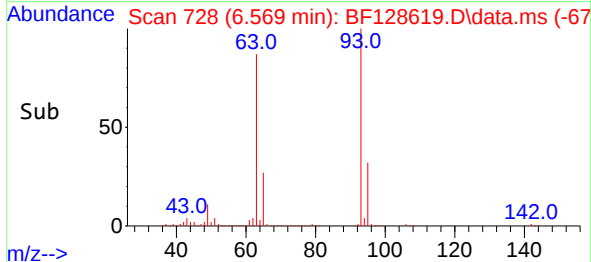
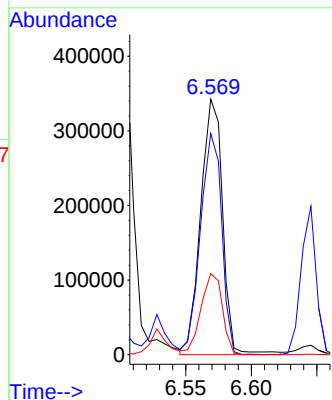
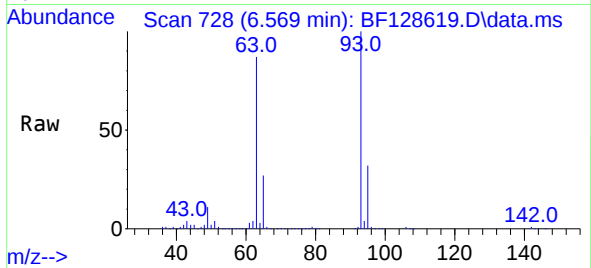




#11  
bis(2-Chloroethyl)ether  
Concen: 41.883 ng  
RT: 6.569 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

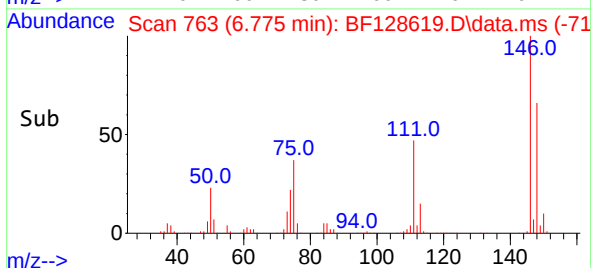
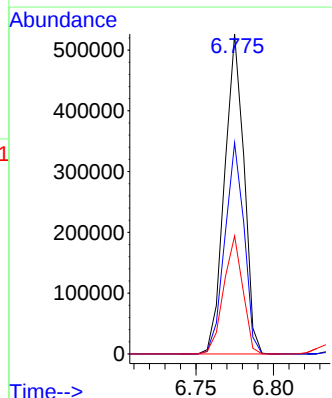
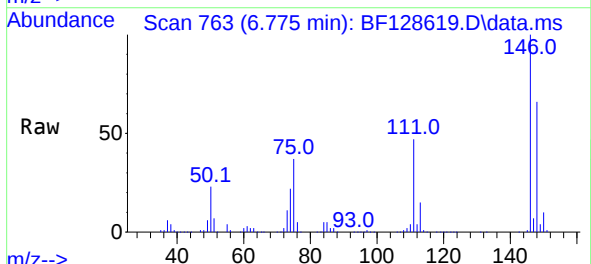
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

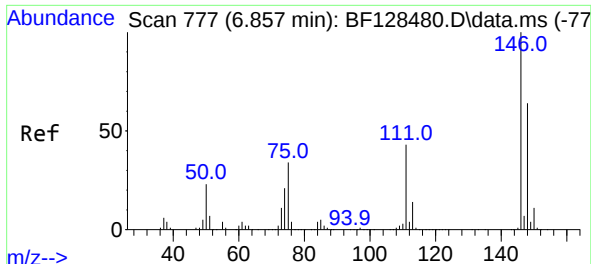
Tgt Ion: 93 Resp: 400036  
Ion Ratio Lower Upper  
93 100  
63 86.5 67.4 107.4  
95 31.8 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 42.215 ng  
RT: 6.775 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:146 Resp: 459271  
Ion Ratio Lower Upper  
146 100  
148 66.0 50.6 75.8  
75 36.9 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 41.558 ng

RT: 6.851 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

Instrument :

BNA\_F

ClientSampleId :

PB145210BS

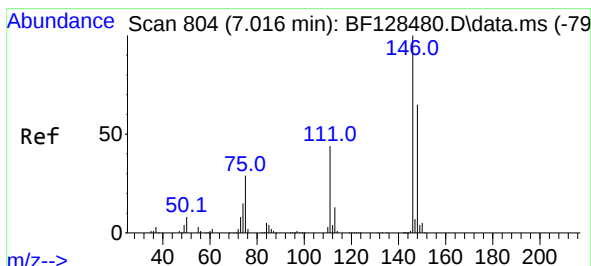
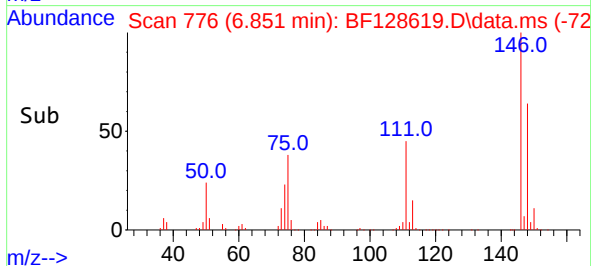
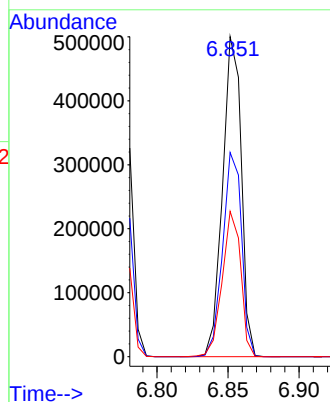
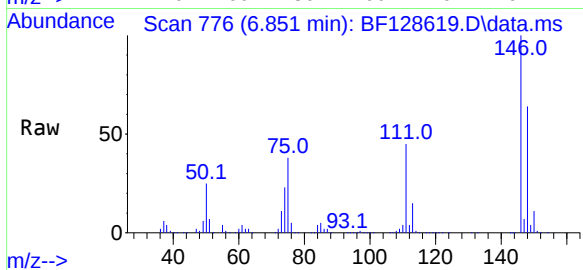
Tgt Ion:146 Resp: 457307

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

111 45.4 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 42.635 ng

RT: 7.004 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

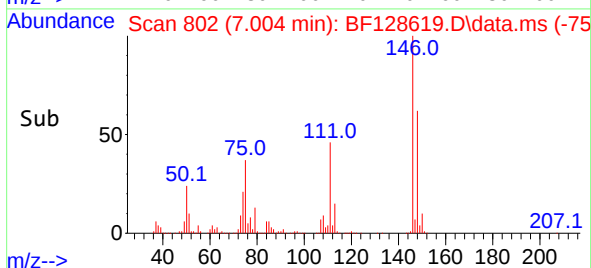
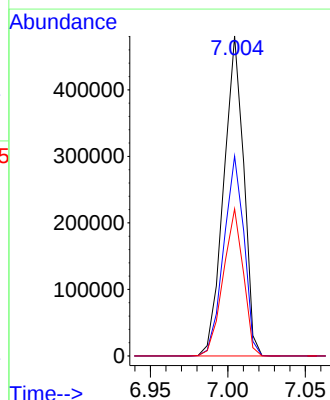
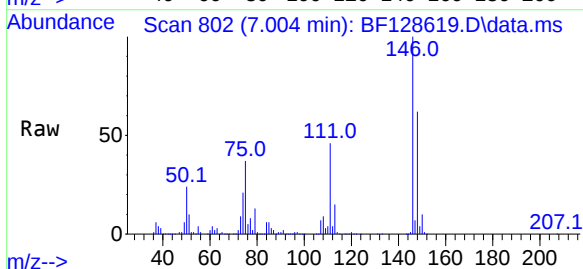
Tgt Ion:146 Resp: 431811

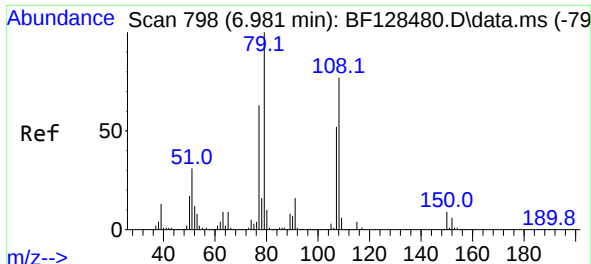
Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.8

111 46.0 35.1 52.7

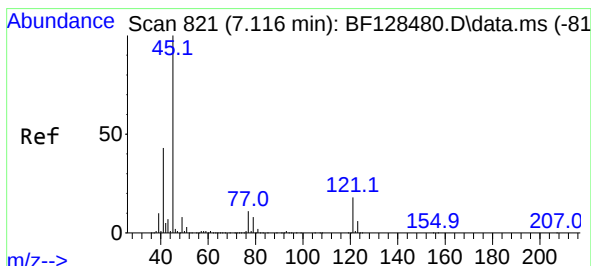
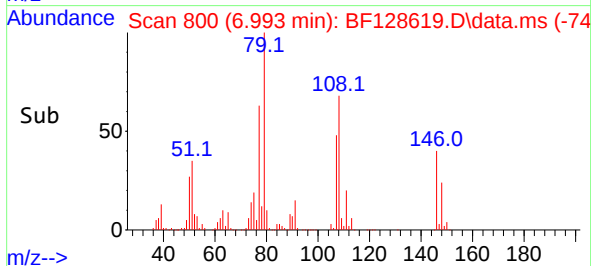
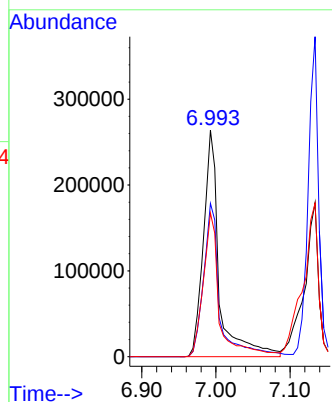
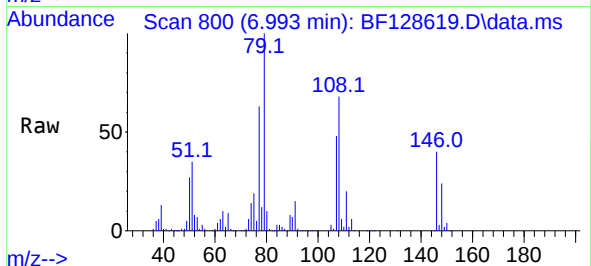




#15  
Benzyl Alcohol  
Concen: 43.871 ng  
RT: 6.993 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

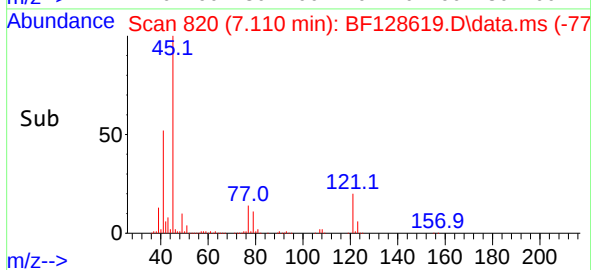
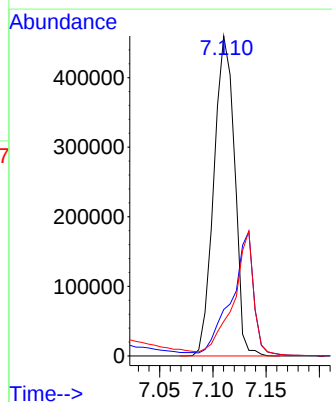
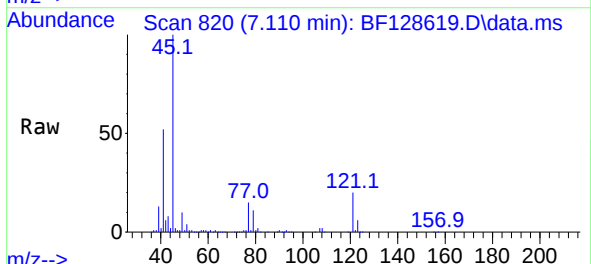
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

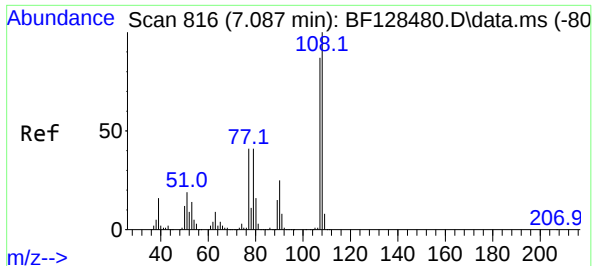
Tgt Ion: 79 Resp: 393978  
Ion Ratio Lower Upper  
79 100  
108 67.6 61.8 92.6  
77 63.4 50.2 75.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.727 ng  
RT: 7.110 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

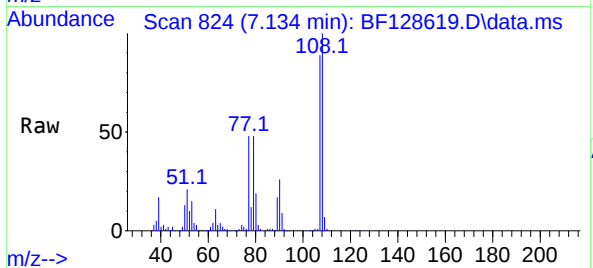
Tgt Ion: 45 Resp: 620825  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 31.3  
79 10.8 0.0 28.3





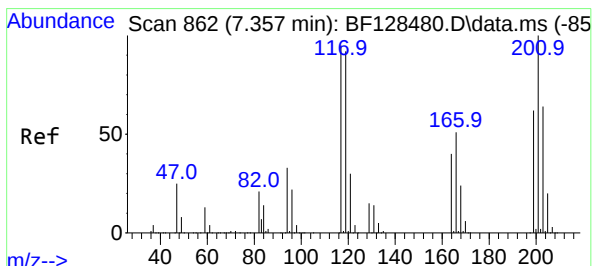
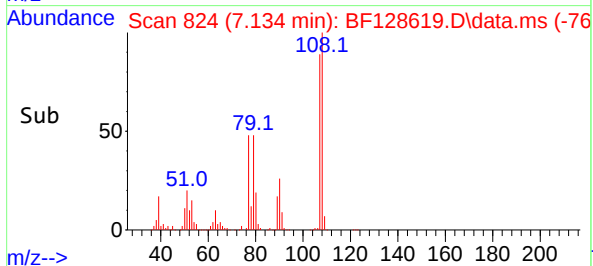
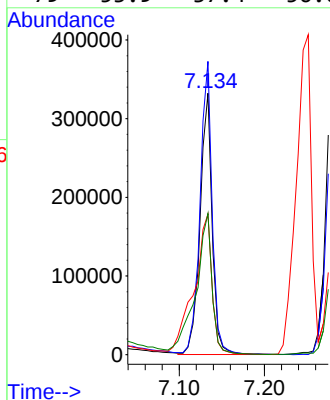
#17  
2-Methylphenol  
Concen: 40.379 ng  
RT: 7.134 min Scan# 816  
Delta R.T. 0.047 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS



Tgt Ion:107 Resp: 329083

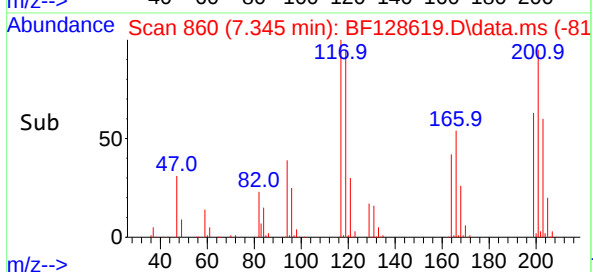
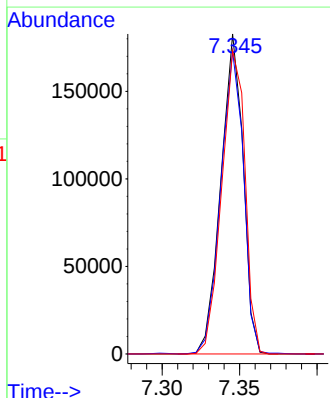
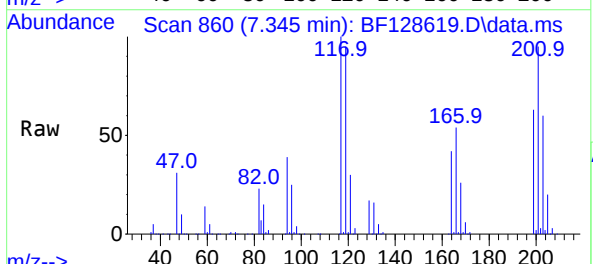
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.2 | 91.9  | 137.9 |
| 77  | 53.8  | 37.8  | 56.8  |
| 79  | 53.9  | 37.4  | 56.0  |

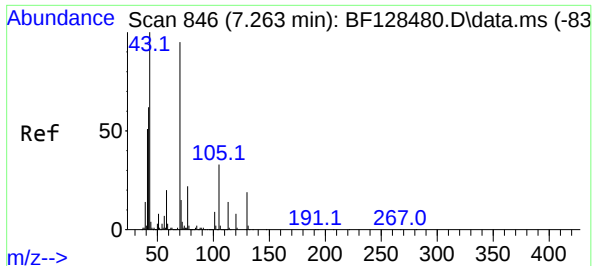


#18  
Hexachloroethane  
Concen: 46.892 ng  
RT: 7.345 min Scan# 860  
Delta R.T. -0.012 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:117 Resp: 182017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.7  | 77.4  | 116.2 |
| 201 | 94.8  | 84.6  | 127.0 |



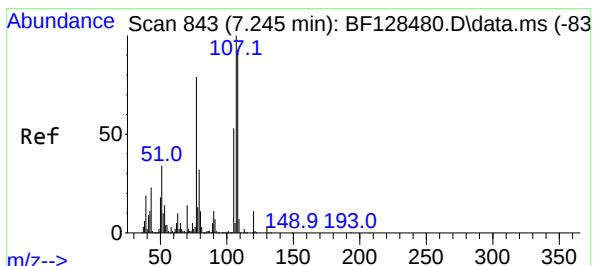
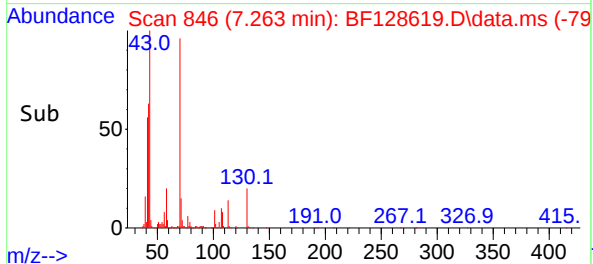
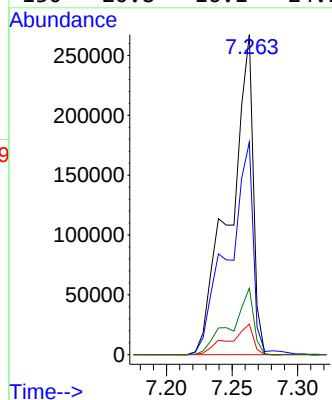
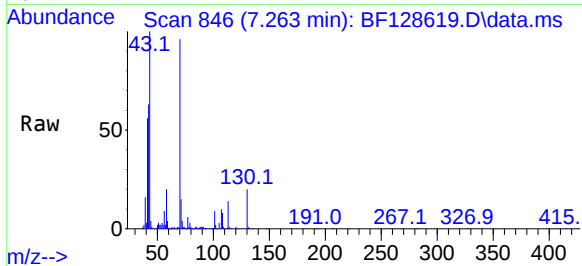


#19  
n-Nitroso-di-n-propylamine  
Concen: 45.760 ng  
RT: 7.263 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

Tgt Ion: 70 Resp: 330362

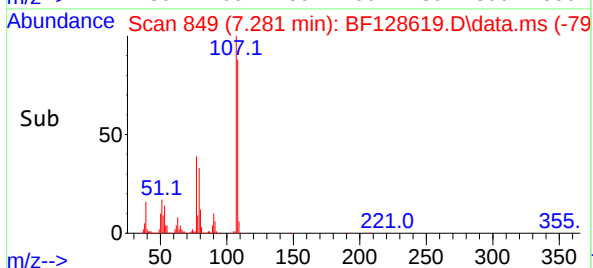
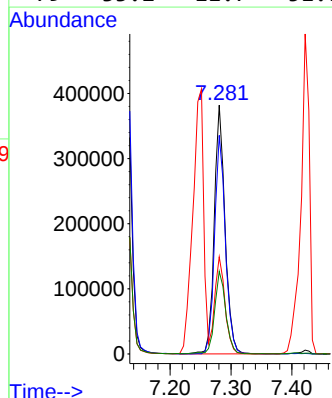
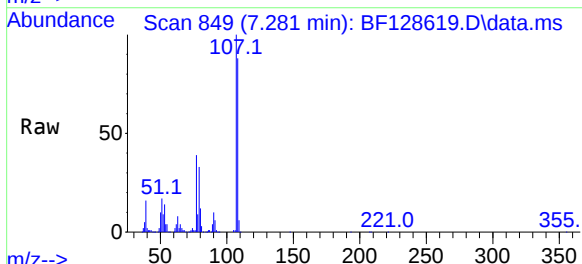
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 66.4  | 52.3  | 78.5  |
| 101 | 9.5   | 7.5   | 11.3  |
| 130 | 20.8  | 16.1  | 24.1  |

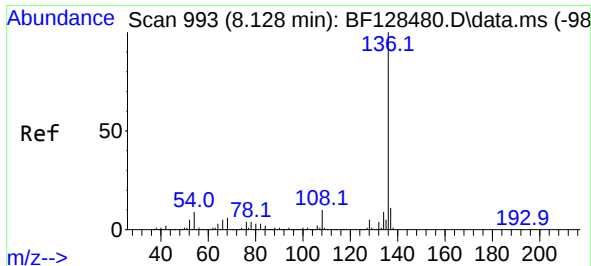


#20  
3+4-Methylphenols  
Concen: 47.585 ng  
RT: 7.281 min Scan# 849  
Delta R.T. 0.035 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 107 Resp: 468516

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.9  | 71.8  | 111.8 |
| 77  | 39.1  | 59.3  | 99.3# |
| 79  | 33.2  | 11.7  | 51.7  |

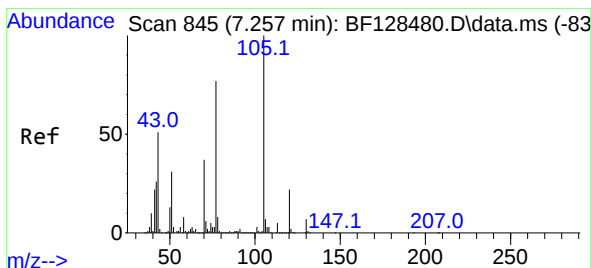
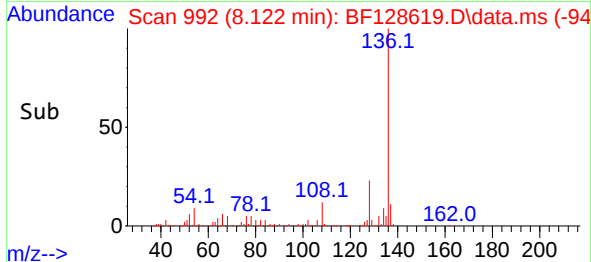
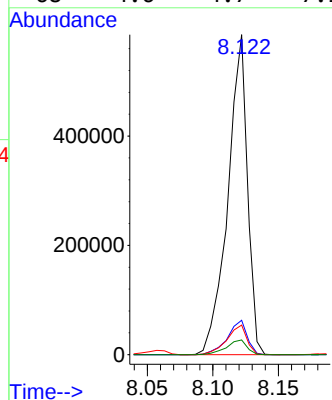
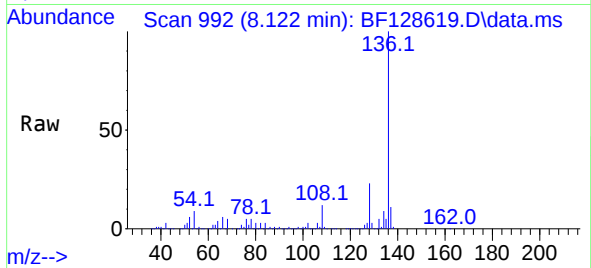




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

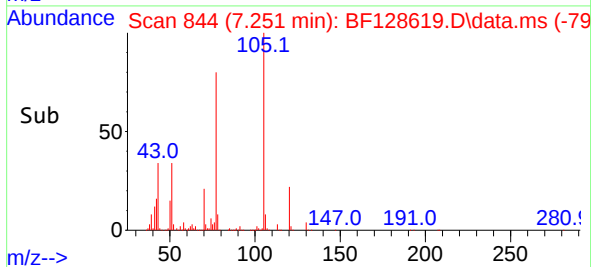
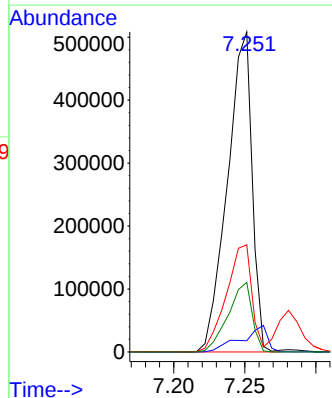
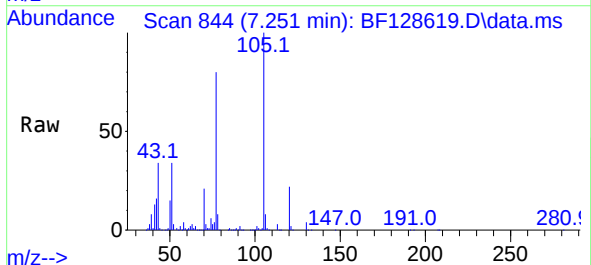
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

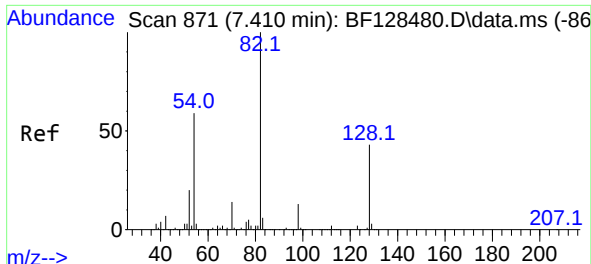
Tgt Ion:136 Resp: 608043  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 9.3 7.5 11.3  
68 4.6 4.7 7.1#



#22  
Acetophenone  
Concen: 43.755 ng  
RT: 7.251 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:105 Resp: 613460  
Ion Ratio Lower Upper  
105 100  
71 3.5 5.0 7.4#  
51 33.5 25.0 37.4  
120 21.7 17.8 26.8





#23

Nitrobenzene-d5

Concen: 93.838 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

Instrument :

BNA\_F

ClientSampleId :

PB145210BS

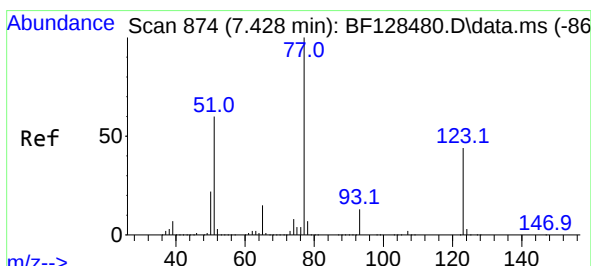
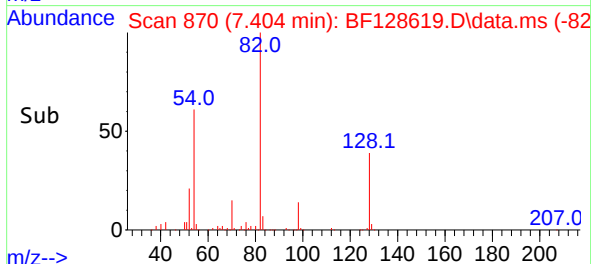
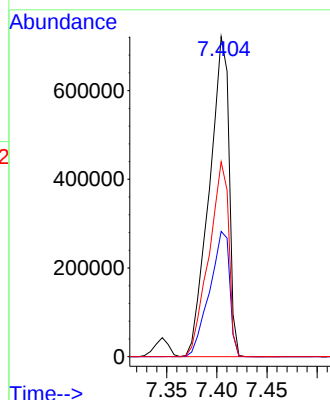
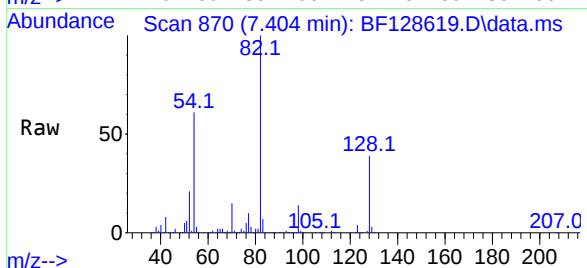
Tgt Ion: 82 Resp: 989072

Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

54 60.9 46.9 70.3



#24

Nitrobenzene

Concen: 46.076 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

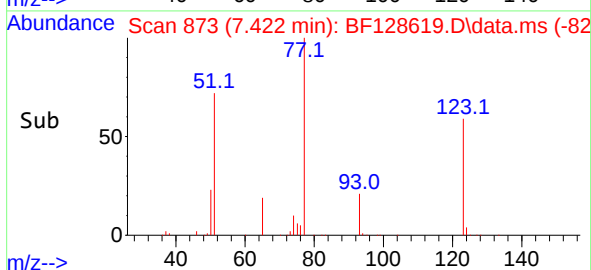
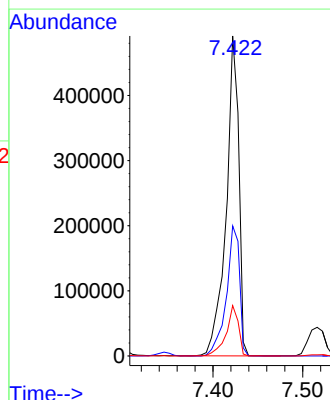
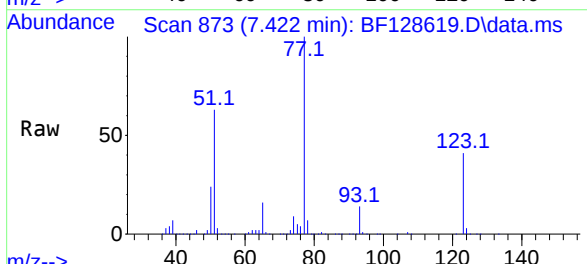
Tgt Ion: 77 Resp: 480119

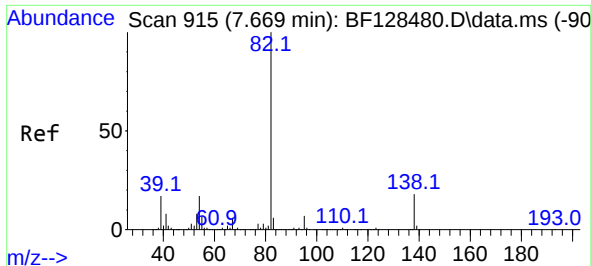
Ion Ratio Lower Upper

77 100

123 40.6 35.4 53.2

65 15.8 11.8 17.8

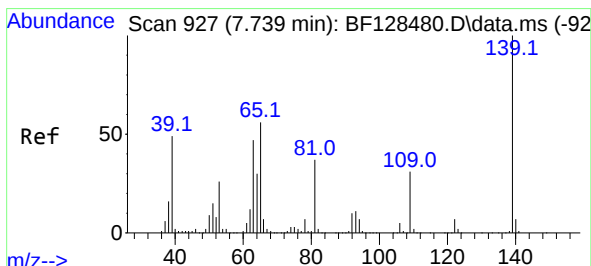
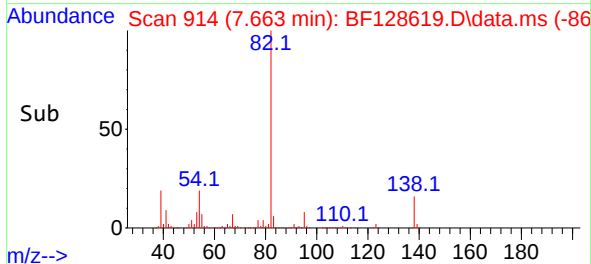
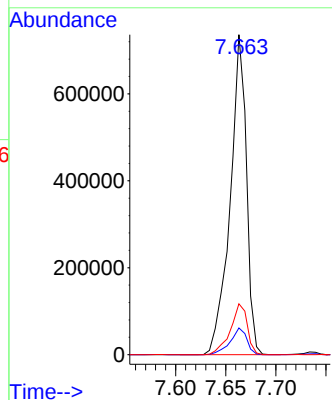
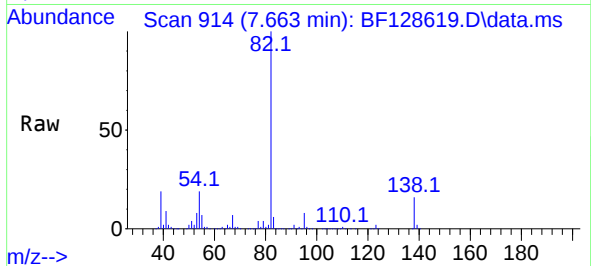




#25  
Isophorone  
Concen: 42.875 ng  
RT: 7.663 min Scan# 915  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

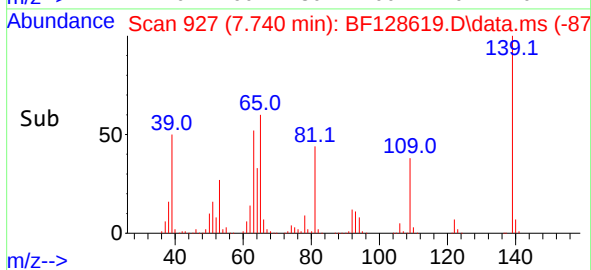
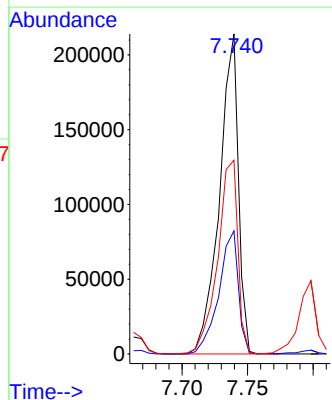
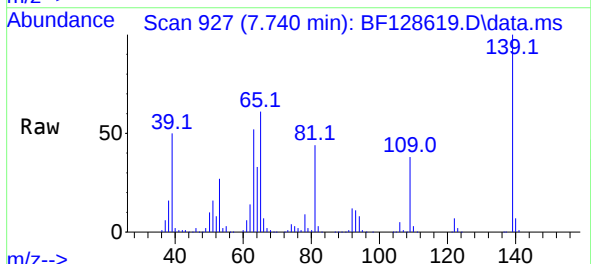
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

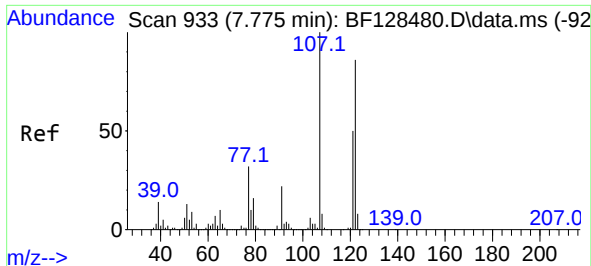
Tgt Ion: 82 Resp: 833655  
Ion Ratio Lower Upper  
82 100  
95 8.3 5.7 8.5  
138 15.9 14.2 21.2



#26  
2-Nitrophenol  
Concen: 49.251 ng  
RT: 7.740 min Scan# 927  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:139 Resp: 214495  
Ion Ratio Lower Upper  
139 100  
109 38.5 25.0 37.4#  
65 60.6 45.1 67.7

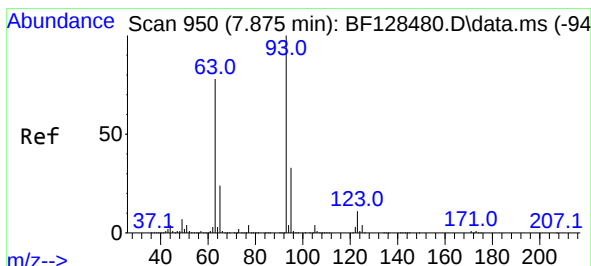
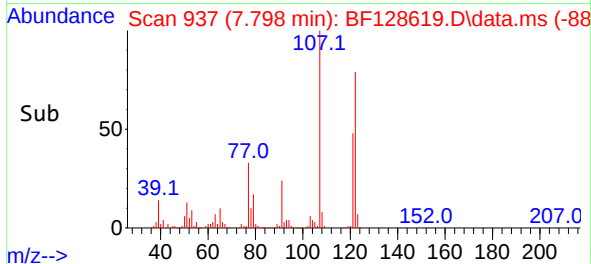
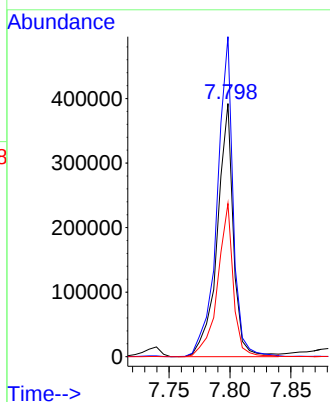
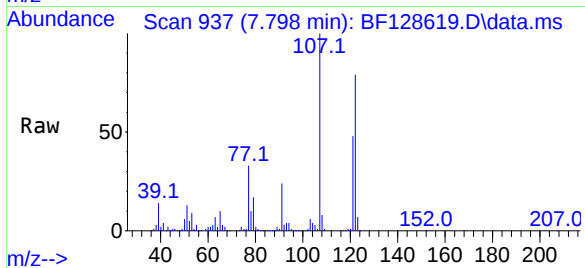




#27  
2,4-Dimethylphenol  
Concen: 41.890 ng  
RT: 7.798 min Scan# 91  
Delta R.T. 0.024 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

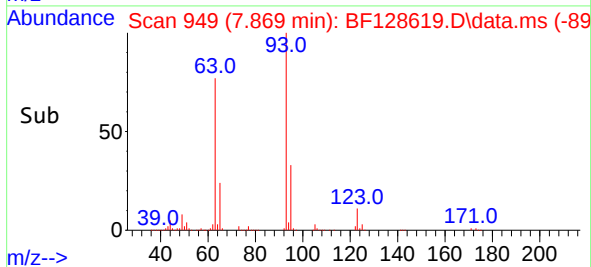
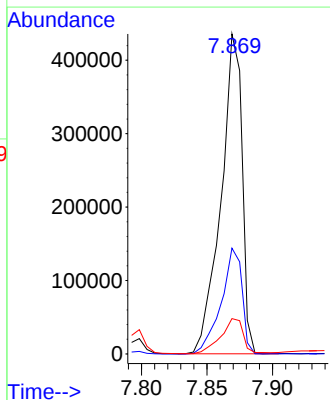
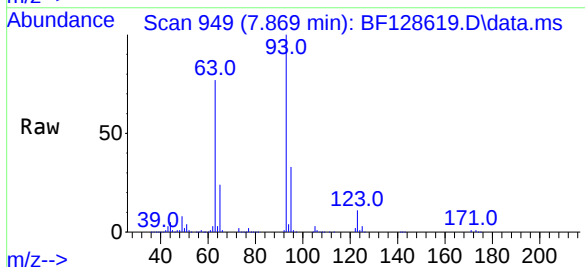
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

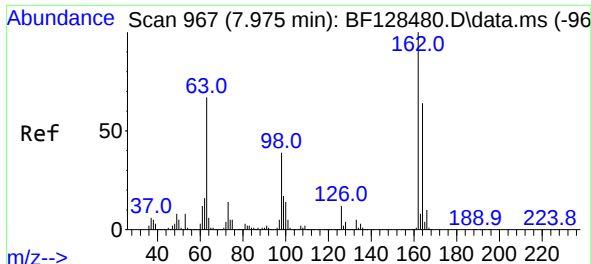
Tgt Ion:122 Resp: 362627  
Ion Ratio Lower Upper  
122 100  
107 126.4 93.0 139.6  
121 60.5 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.583 ng  
RT: 7.869 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 93 Resp: 486882  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.8 40.2  
123 11.0 9.2 13.8

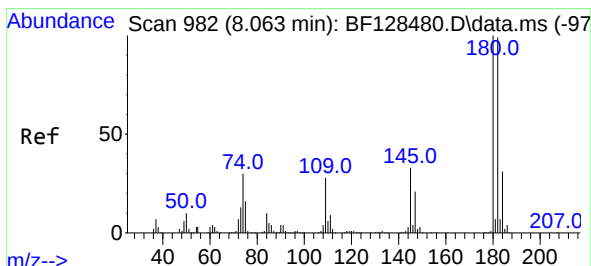
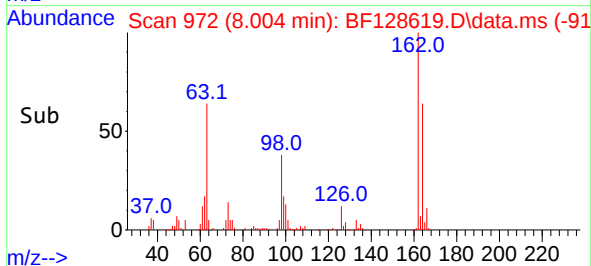
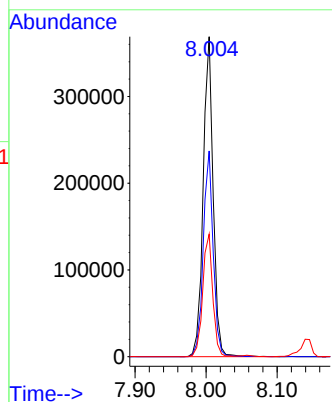
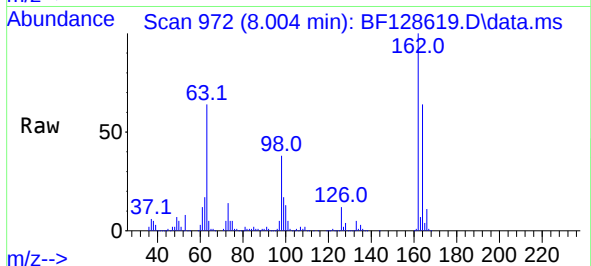




#29  
2,4-Dichlorophenol  
Concen: 40.217 ng  
RT: 8.004 min Scan# 91  
Delta R.T. 0.029 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

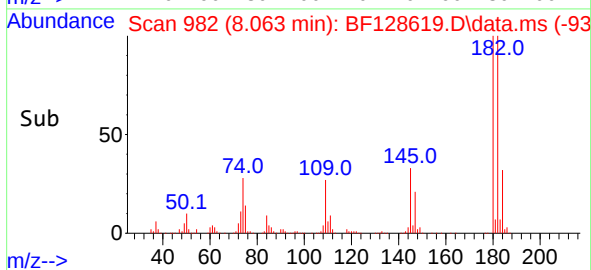
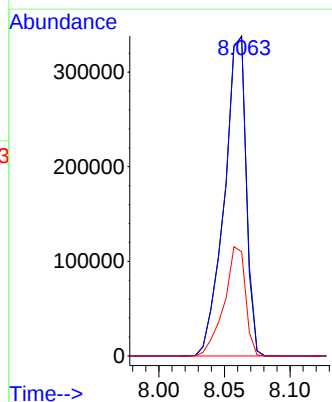
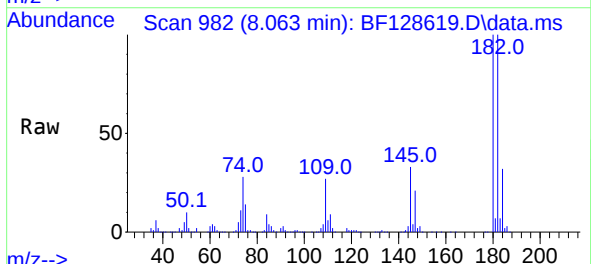
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

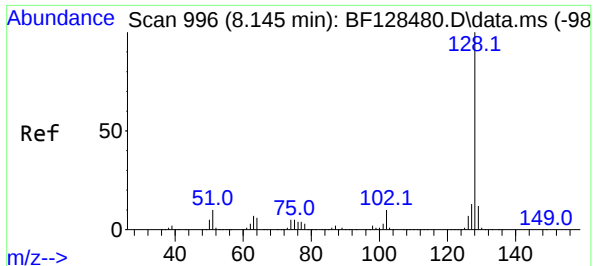
Tgt Ion:162 Resp: 360295  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.2 84.2  
98 38.3 19.6 59.6



#30  
1,2,4-Trichlorobenzene  
Concen: 40.150 ng  
RT: 8.063 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

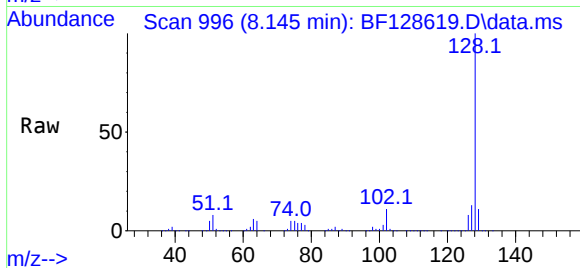
Tgt Ion:180 Resp: 389615  
Ion Ratio Lower Upper  
180 100  
182 99.5 79.2 118.8  
145 32.6 26.2 39.2





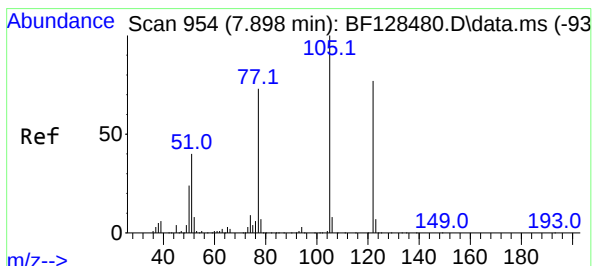
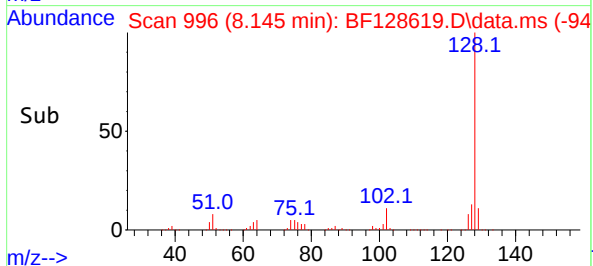
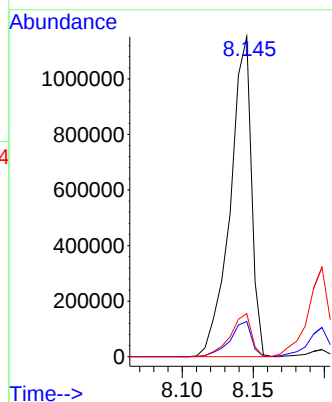
#31  
Naphthalene  
Concen: 40.333 ng  
RT: 8.145 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS



Tgt Ion:128 Resp: 1200290

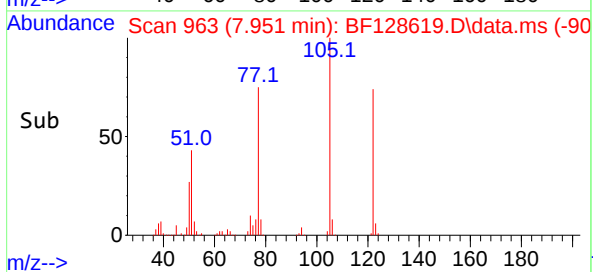
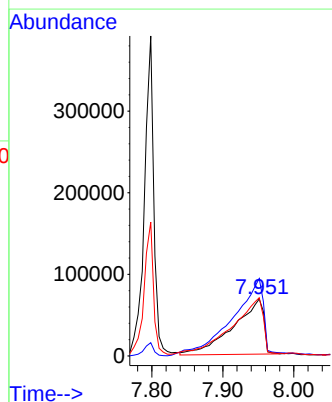
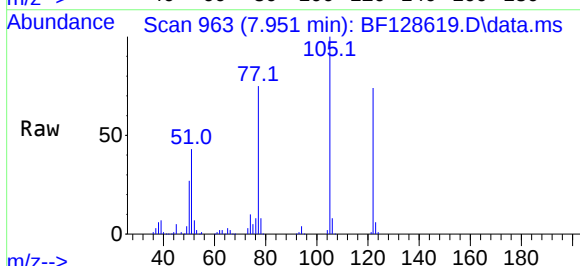
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.0  | 9.2   | 13.8  |
| 127 | 13.5  | 10.5  | 15.7  |

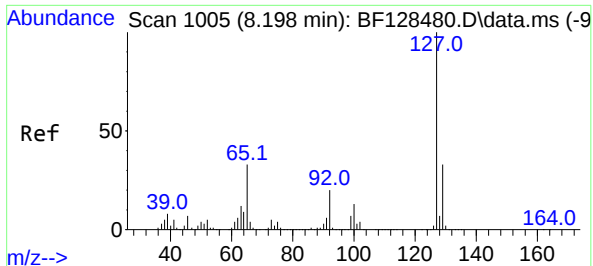


#32  
Benzoic acid  
Concen: 32.952 ng  
RT: 7.951 min Scan# 963  
Delta R.T. 0.053 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:122 Resp: 201643

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 135.9 | 107.1 | 147.1 |
| 77  | 102.2 | 74.2  | 114.2 |

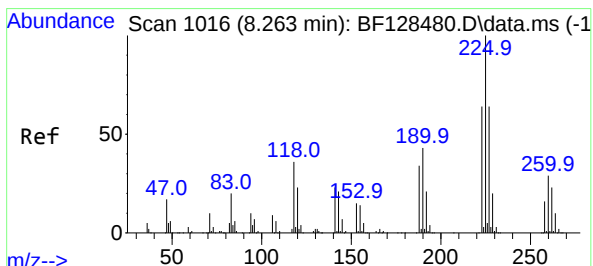
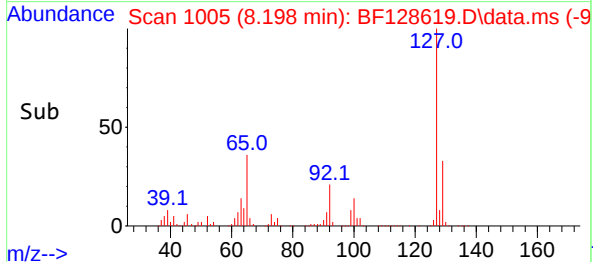
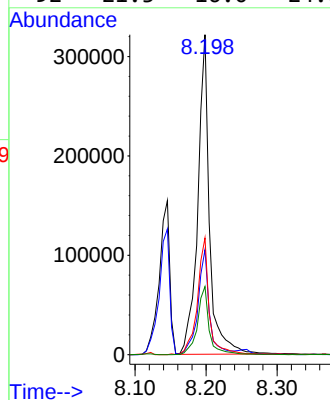
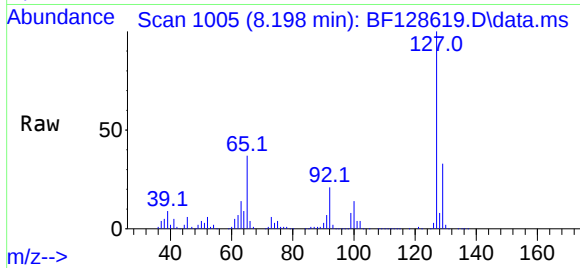




#33  
4-Chloroaniline  
Concen: 31.317 ng  
RT: 8.198 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

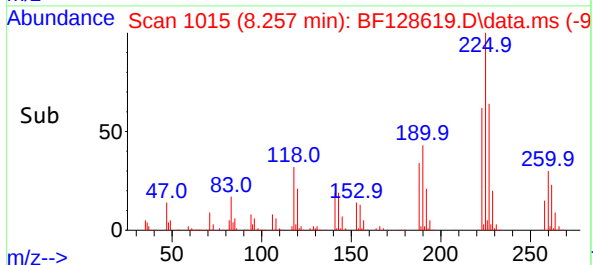
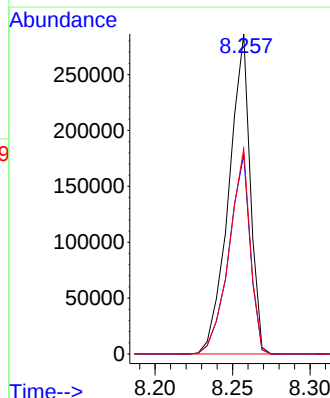
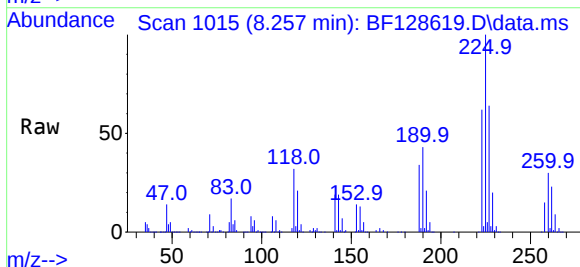
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

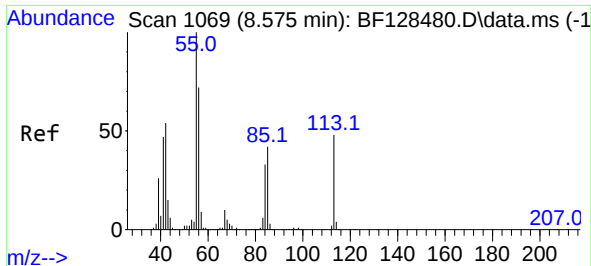
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 371089 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.4  | 39.6   |
| 65       | 36.5  | 26.4  | 39.6   |
| 92       | 21.3  | 16.0  | 24.0   |



#34  
Hexachlorobutadiene  
Concen: 44.869 ng  
RT: 8.257 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 274914 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 51.0  | 76.6   |
| 227      | 64.2  | 51.1  | 76.7   |

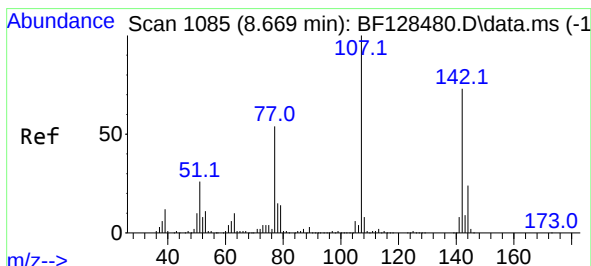
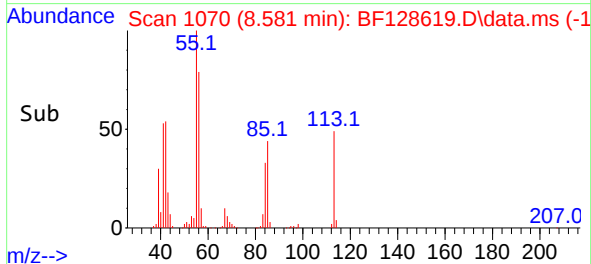
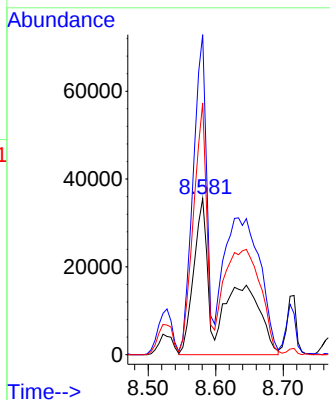
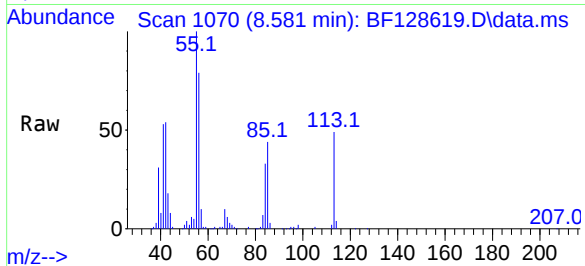




#35  
Caprolactam  
Concen: 38.805 ng m  
RT: 8.581 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

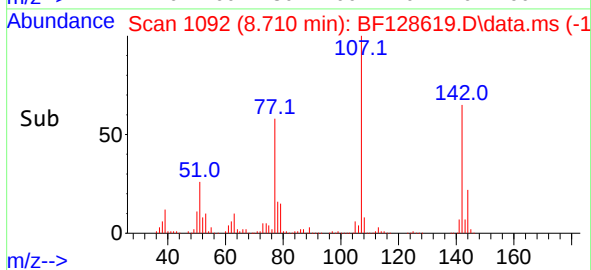
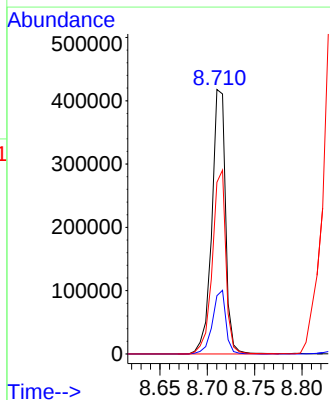
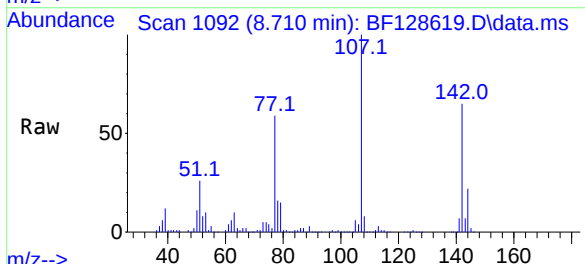
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

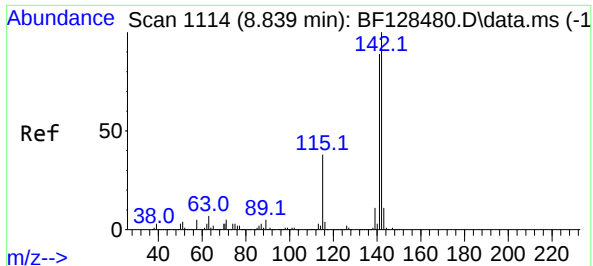
Tgt Ion:113 Resp: 107199  
Ion Ratio Lower Upper  
113 100  
55 204.9 188.5 228.5  
56 161.1 130.6 170.6



#36  
4-Chloro-3-methylphenol  
Concen: 45.674 ng  
RT: 8.710 min Scan# 1092  
Delta R.T. 0.041 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:107 Resp: 420358  
Ion Ratio Lower Upper  
107 100  
144 22.0 19.5 29.3  
142 64.9 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.242 ng

RT: 8.834 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

Instrument :

BNA\_F

ClientSampleId :

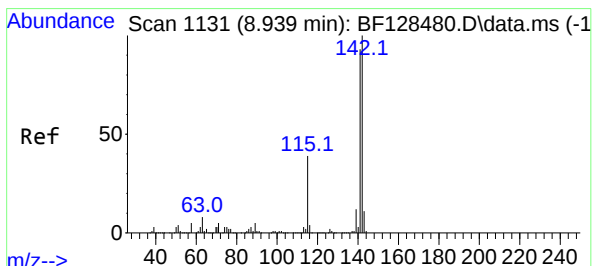
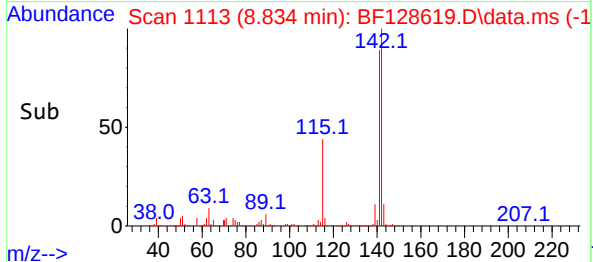
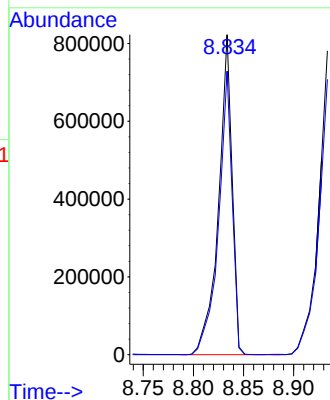
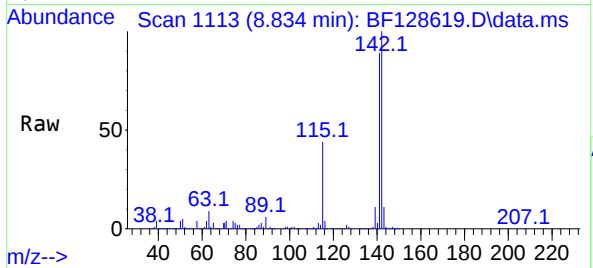
PB145210BS

Tgt Ion:142 Resp: 774717

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.4



#38

1-Methylnaphthalene

Concen: 40.619 ng

RT: 8.934 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF128619.D

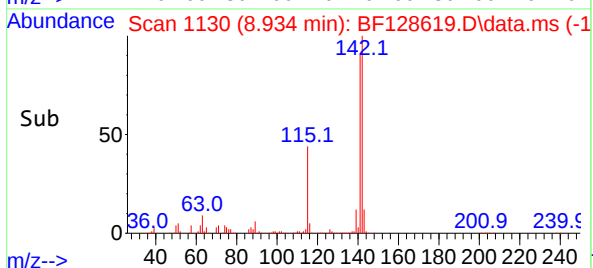
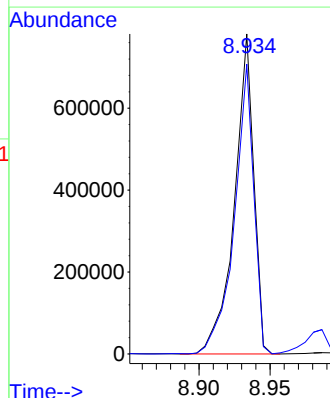
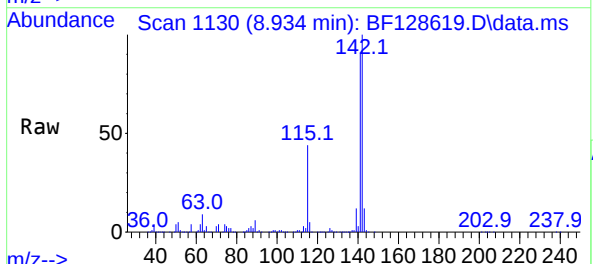
Acq: 01 Jun 2022 12:18

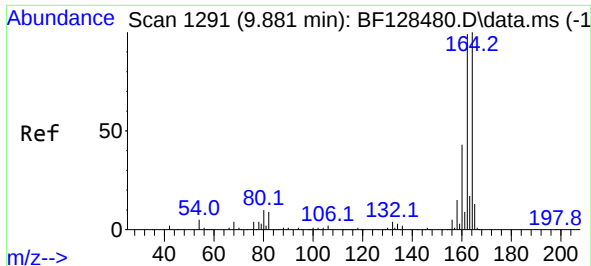
Tgt Ion:142 Resp: 742103

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.4

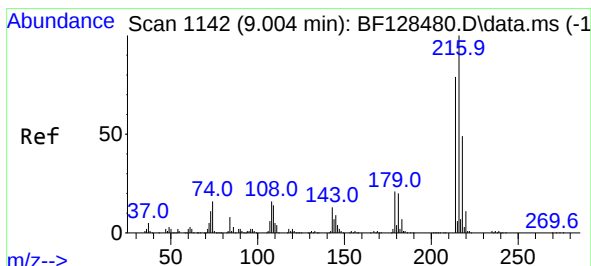
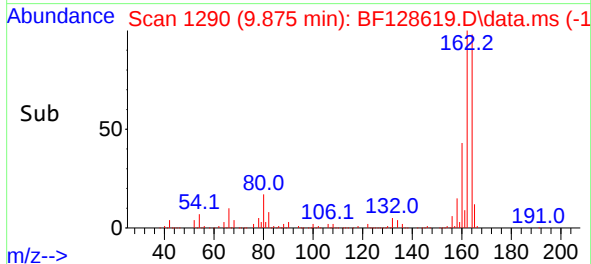
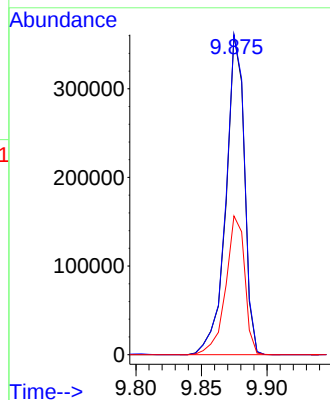
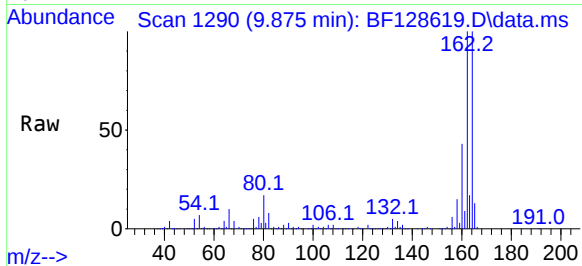




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

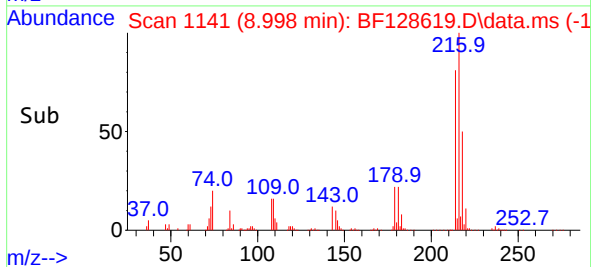
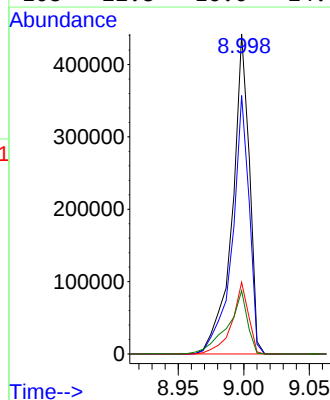
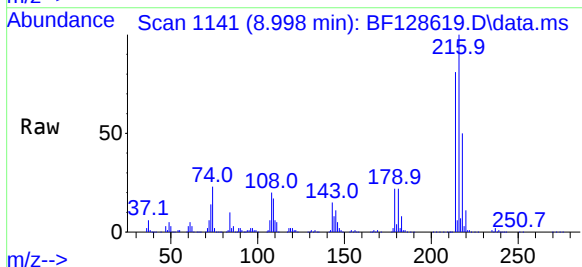
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

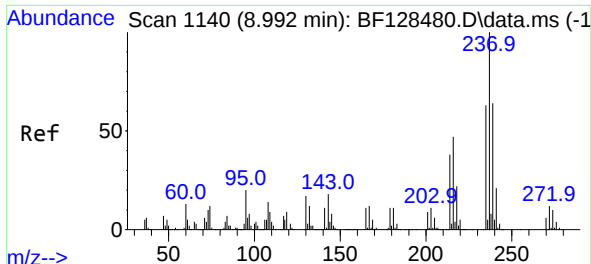
Tgt Ion:164 Resp: 351673  
Ion Ratio Lower Upper  
164 100  
162 100.2 79.5 119.3  
160 43.5 34.2 51.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.399 ng  
RT: 8.998 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:216 Resp: 399793  
Ion Ratio Lower Upper  
216 100  
214 79.7 63.6 95.4  
179 21.6 17.0 25.6  
108 22.8 16.0 24.0

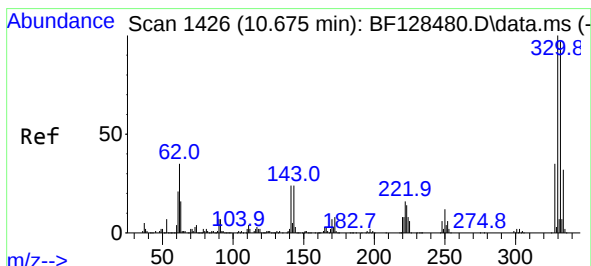
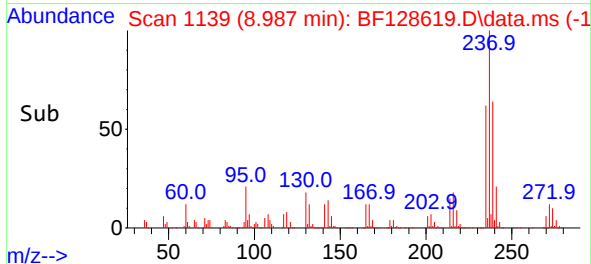
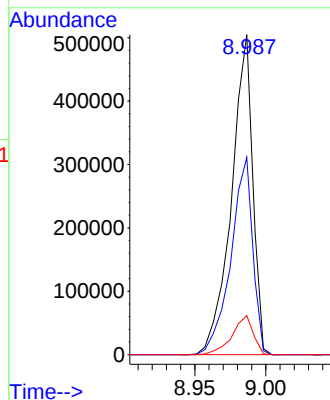
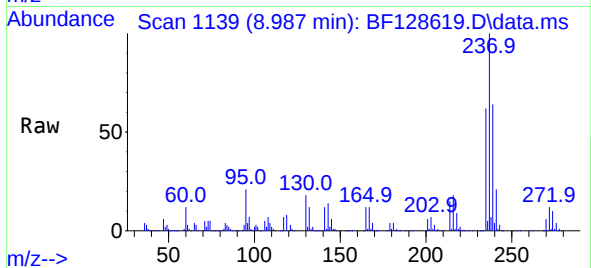




#41  
Hexachlorocyclopentadiene  
Concen: 97.102 ng  
RT: 8.987 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

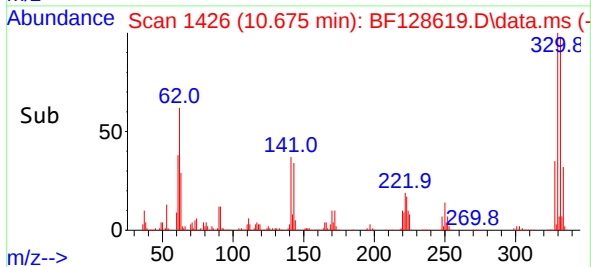
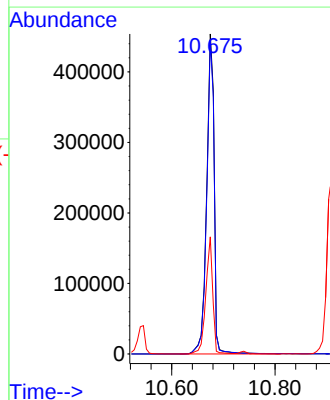
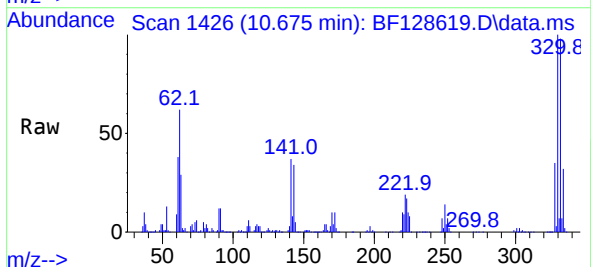
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

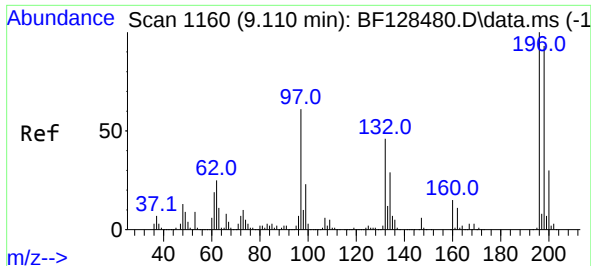
Tgt Ion:237 Resp: 527113  
Ion Ratio Lower Upper  
237 100  
235 61.7 43.2 83.2  
272 12.2 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 136.261 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:330 Resp: 456110  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.8 115.2  
141 34.0 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 38.789 ng

RT: 9.128 min Scan# 1160

Delta R.T. 0.018 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

Instrument :

BNA\_F

ClientSampleId :

PB145210BS

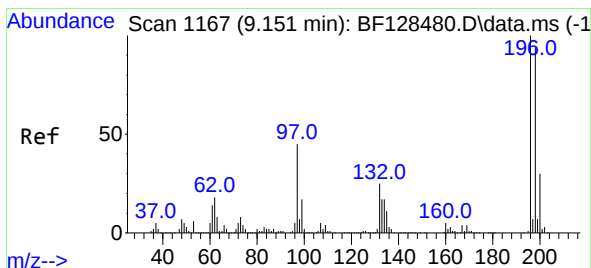
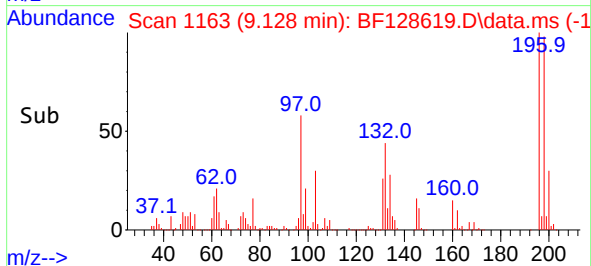
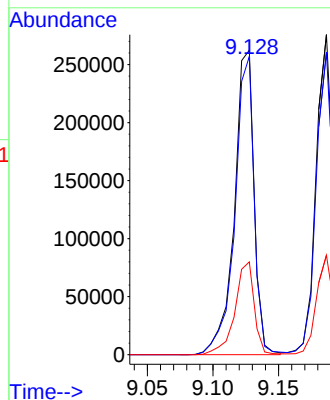
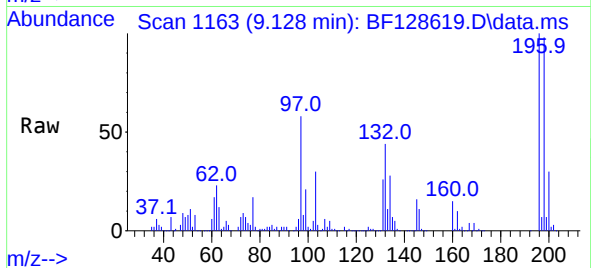
Tgt Ion:196 Resp: 276236

Ion Ratio Lower Upper

196 100

198 98.0 74.0 111.0

200 30.5 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 37.239 ng m

RT: 9.187 min Scan# 1173

Delta R.T. 0.035 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

Tgt Ion:196 Resp: 273245

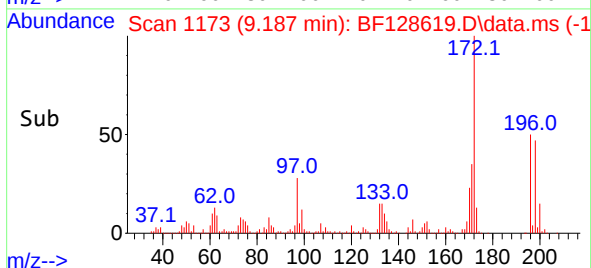
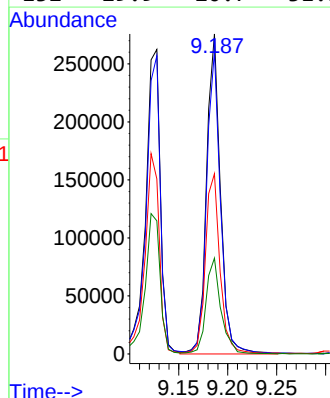
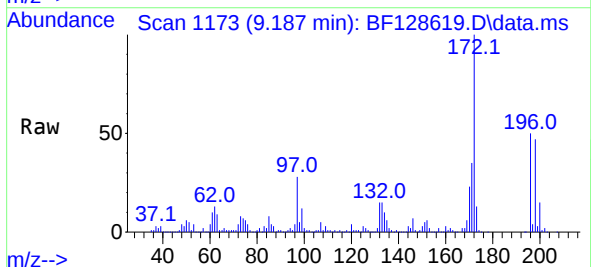
Ion Ratio Lower Upper

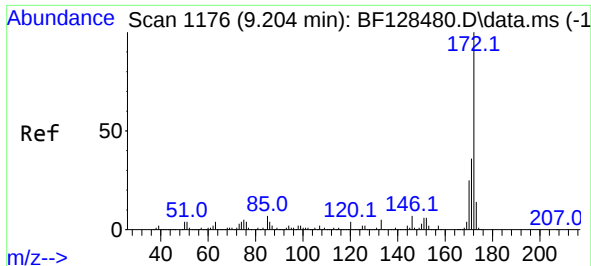
196 100

198 94.6 75.7 113.5

97 56.3 36.4 54.6#

132 29.9 20.7 31.1

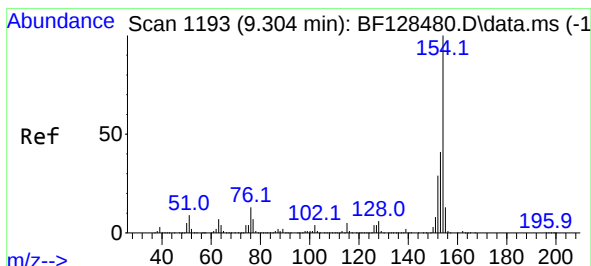
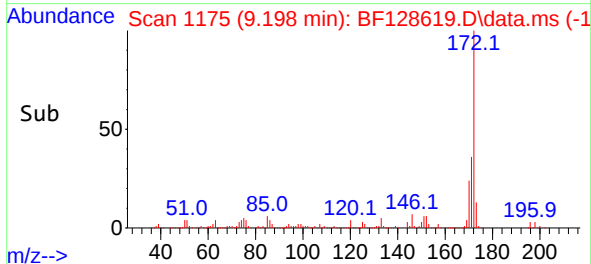
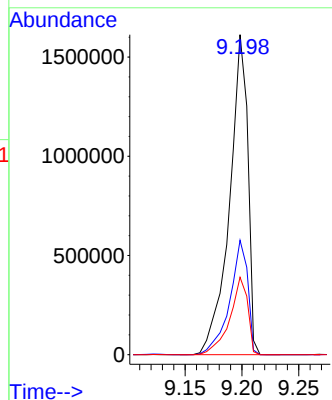
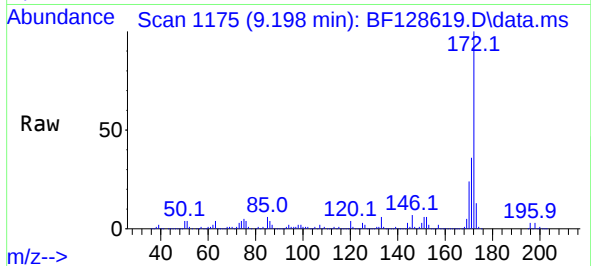




#45  
2-Fluorobiphenyl  
Concen: 83.364 ng  
RT: 9.198 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

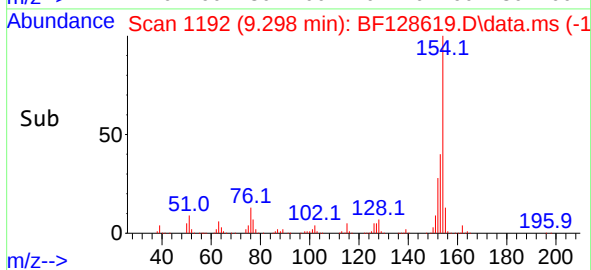
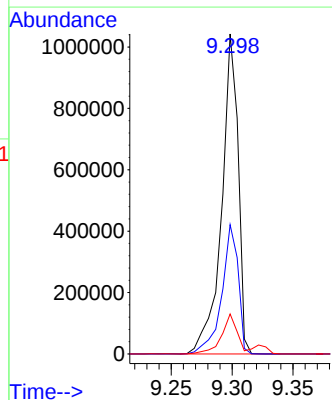
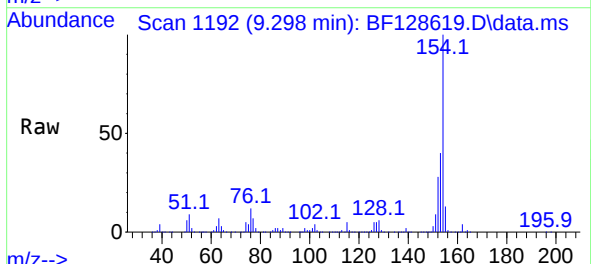
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

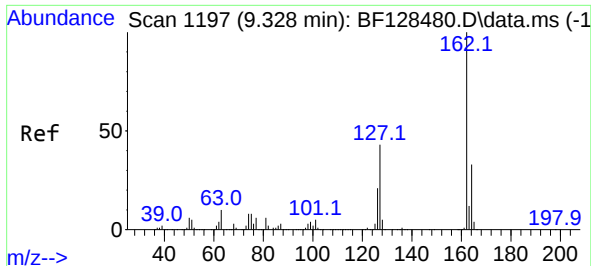
Tgt Ion:172 Resp: 1804519  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 24.2 19.8 29.8



#46  
1,1'-Biphenyl  
Concen: 39.855 ng  
RT: 9.298 min Scan# 1192  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:154 Resp: 984162  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.6 60.6  
76 12.5 0.0 33.3

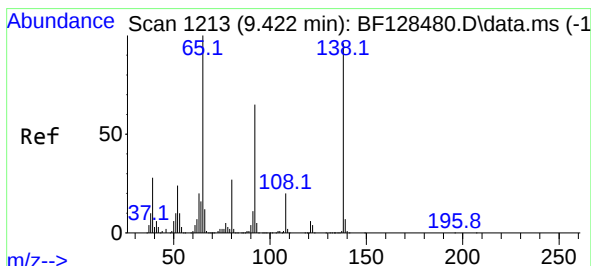
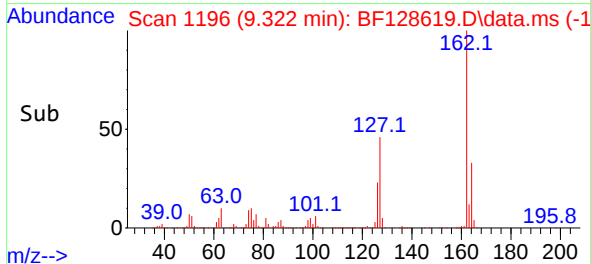
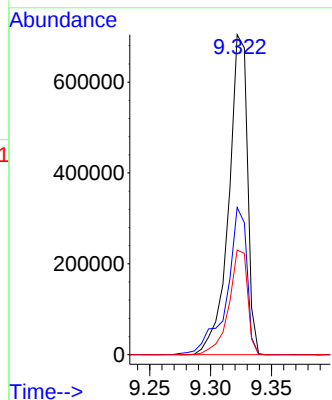
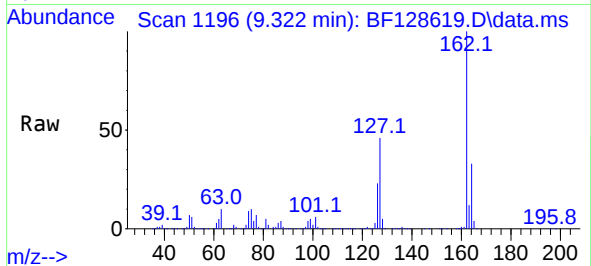




#47  
2-Chloronaphthalene  
Concen: 38.834 ng  
RT: 9.322 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

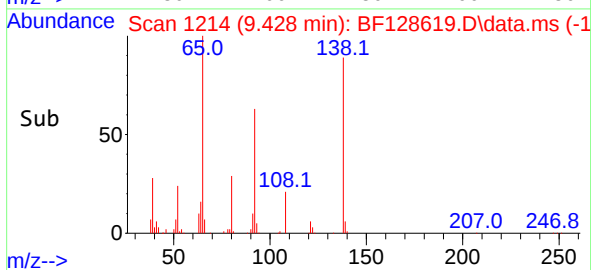
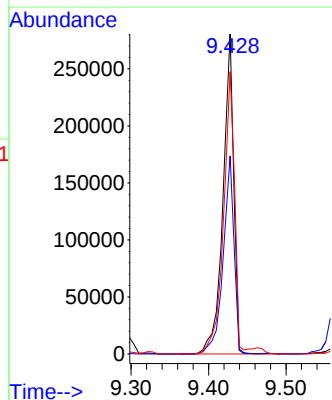
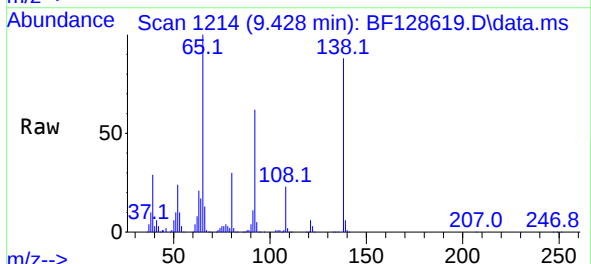
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

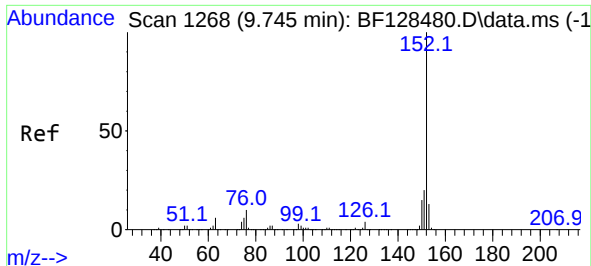
Tgt Ion:162 Resp: 752781  
Ion Ratio Lower Upper  
162 100  
127 46.0 34.5 51.7  
164 32.7 26.5 39.7



#48  
2-Nitroaniline  
Concen: 50.195 ng  
RT: 9.428 min Scan# 1214  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 65 Resp: 270568  
Ion Ratio Lower Upper  
65 100  
92 61.9 51.9 77.9  
138 88.3 76.4 114.6





#49

Acenaphthylene

Concen: 41.151 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

Instrument :

BNA\_F

ClientSampleId :

PB145210BS

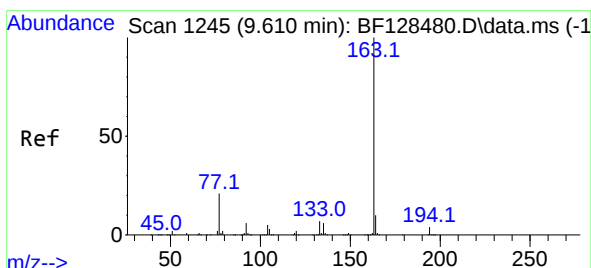
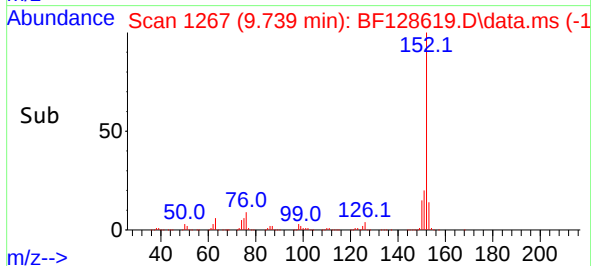
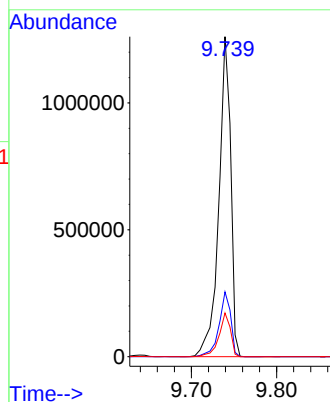
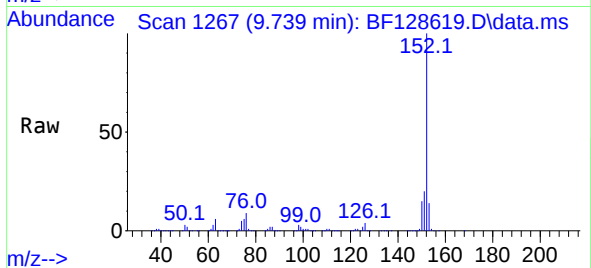
Tgt Ion:152 Resp: 1225443

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 41.692 ng

RT: 9.610 min Scan# 1245

Delta R.T. 0.000 min

Lab File: BF128619.D

Acq: 01 Jun 2022 12:18

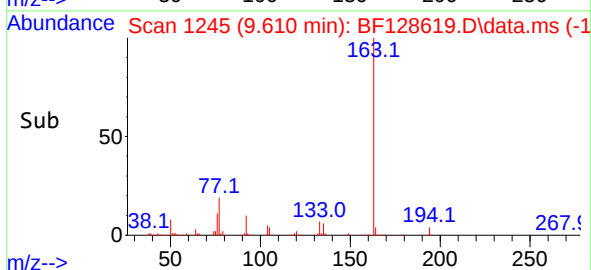
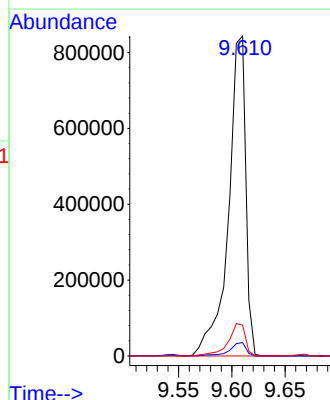
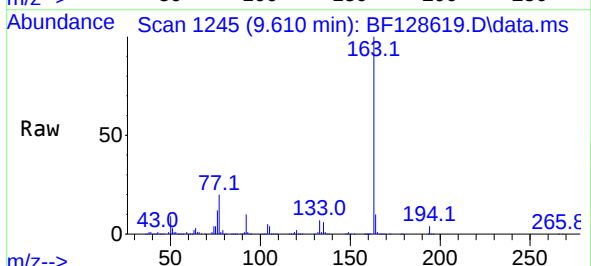
Tgt Ion:163 Resp: 951069

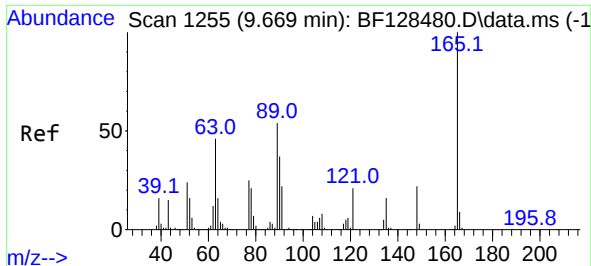
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 9.6 8.2 12.2

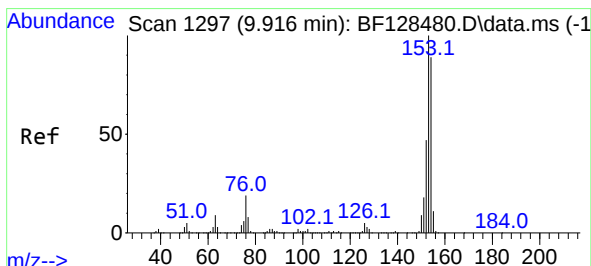
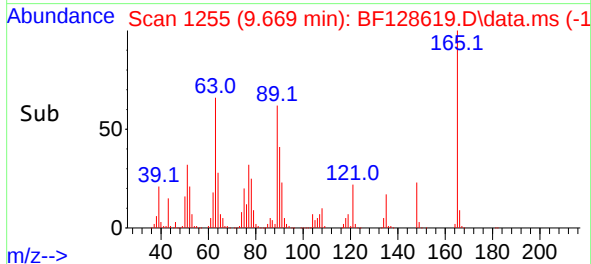
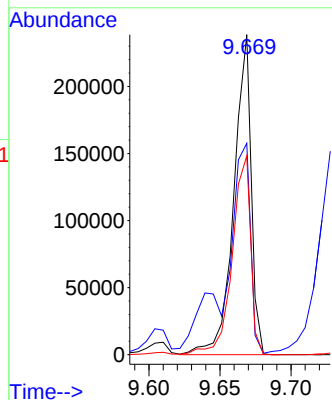
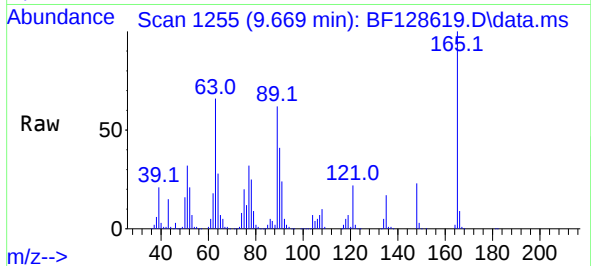




#51  
2,6-Dinitrotoluene  
Concen: 48.764 ng  
RT: 9.669 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

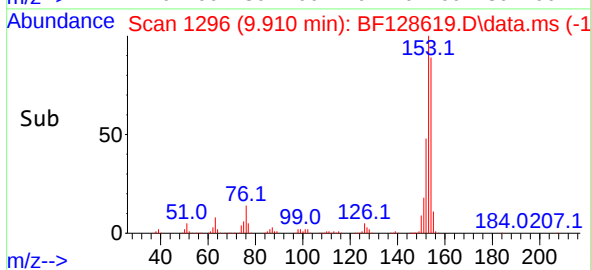
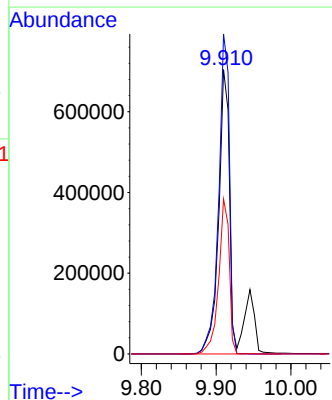
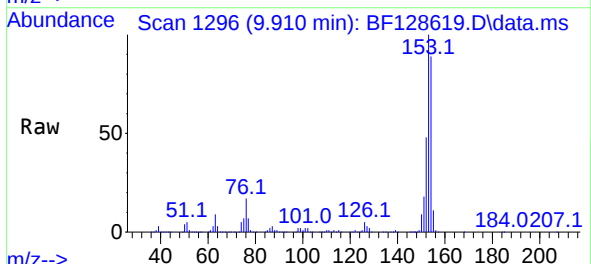
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

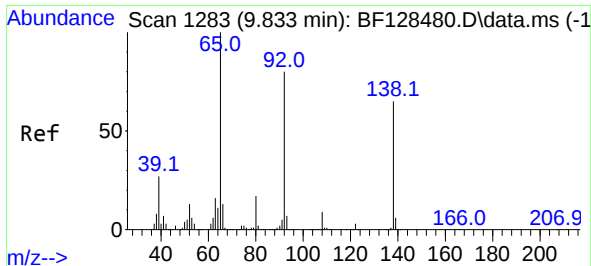
Tgt Ion:165 Resp: 203869  
Ion Ratio Lower Upper  
165 100  
63 66.0 44.9 67.3  
89 62.1 43.6 65.4



#52  
Acenaphthene  
Concen: 46.578 ng m  
RT: 9.910 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:154 Resp: 855783  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.6 134.4  
152 54.5 42.4 63.6

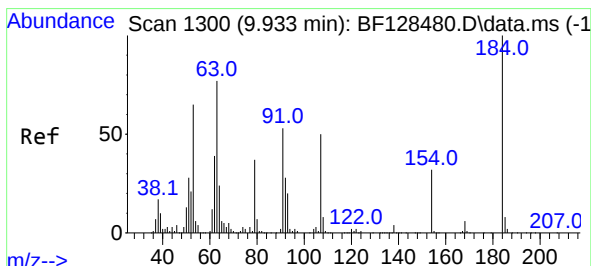
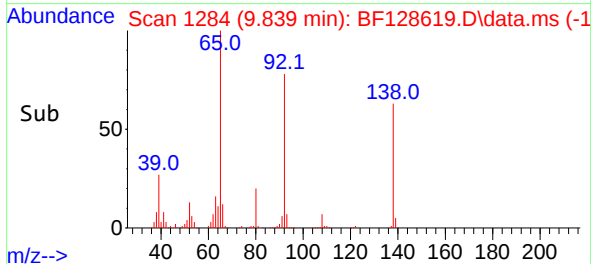
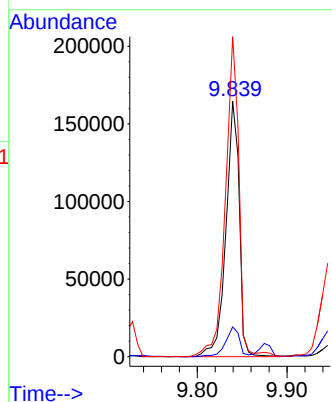
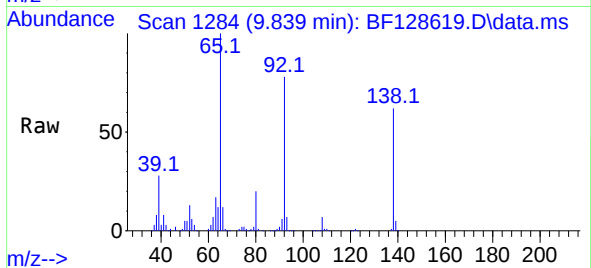




#53  
3-Nitroaniline  
Concen: 34.978 ng  
RT: 9.839 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

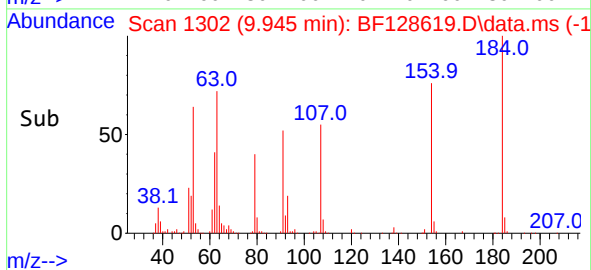
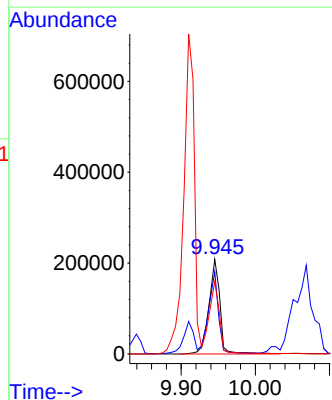
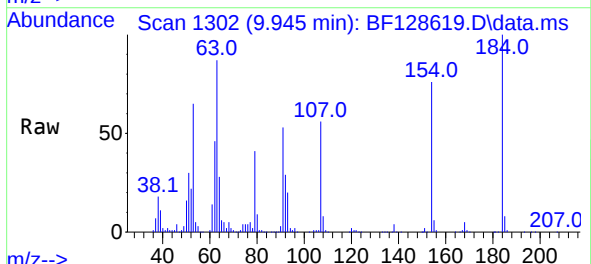
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

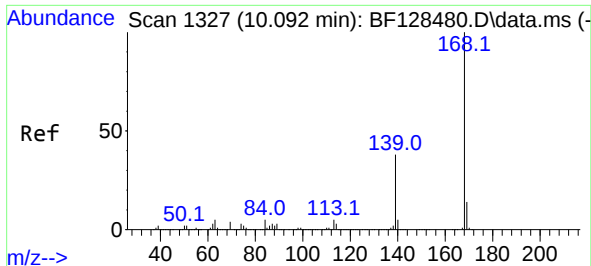
Tgt Ion:138 Resp: 168879  
Ion Ratio Lower Upper  
138 100  
108 11.6 10.9 16.3  
92 125.3 98.2 147.2



#54  
2,4-Dinitrophenol  
Concen: 100.112 ng  
RT: 9.945 min Scan# 1302  
Delta R.T. 0.012 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:184 Resp: 216263  
Ion Ratio Lower Upper  
184 100  
63 86.9 64.5 96.7  
154 76.5 50.6 75.8#

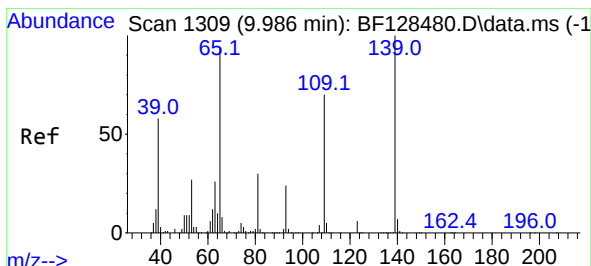
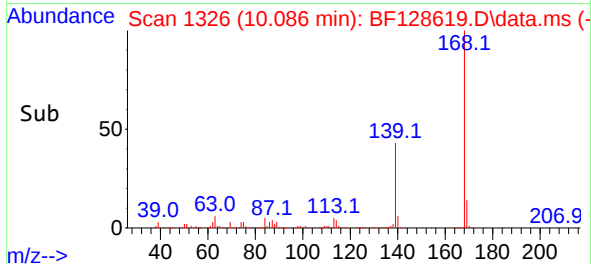
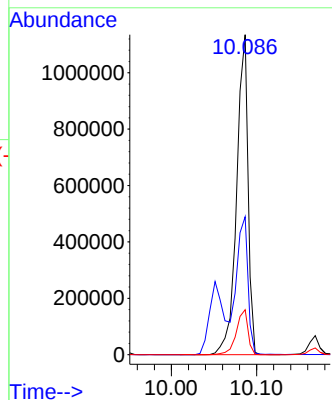
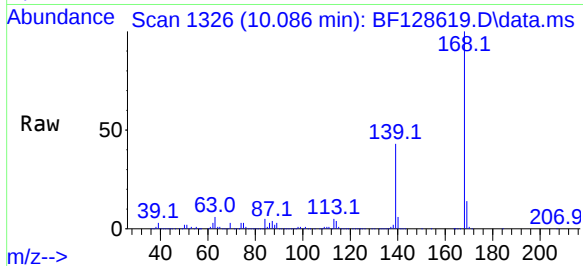




#55  
Dibenzenofuran  
Concen: 38.778 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

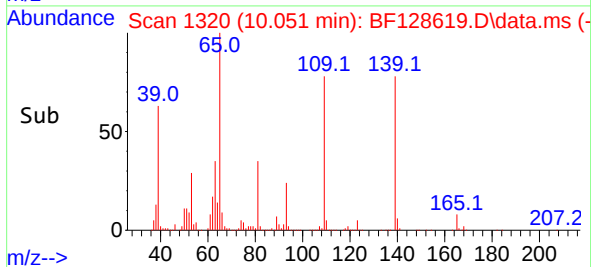
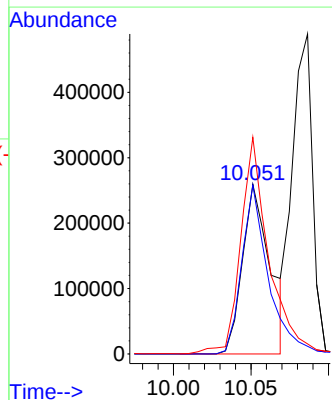
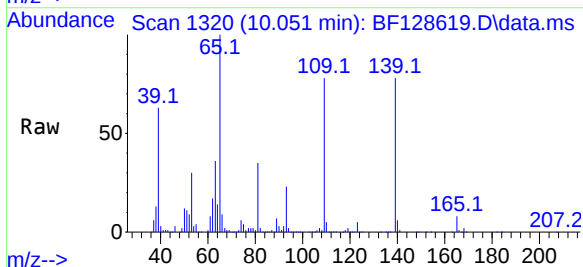
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

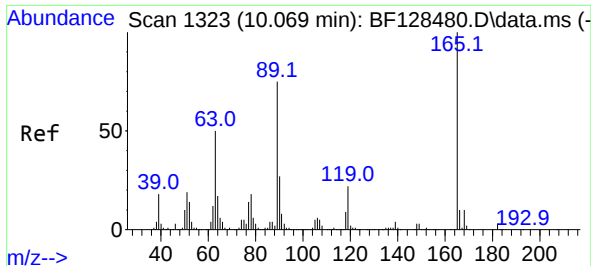
Tgt Ion:168 Resp: 1057095  
Ion Ratio Lower Upper  
168 100  
139 43.1 30.6 46.0  
169 14.1 11.0 16.6



#56  
4-Nitrophenol  
Concen: 81.522 ng  
RT: 10.051 min Scan# 1320  
Delta R.T. 0.065 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:139 Resp: 319394  
Ion Ratio Lower Upper  
139 100  
109 99.6 50.7 90.7#  
65 127.8 74.5 114.5#

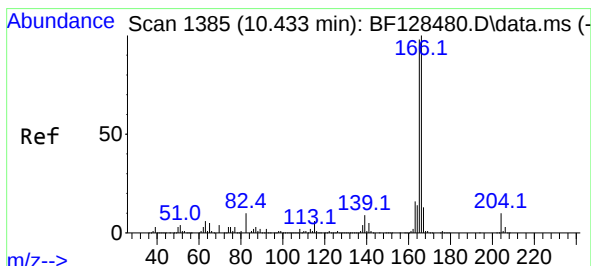
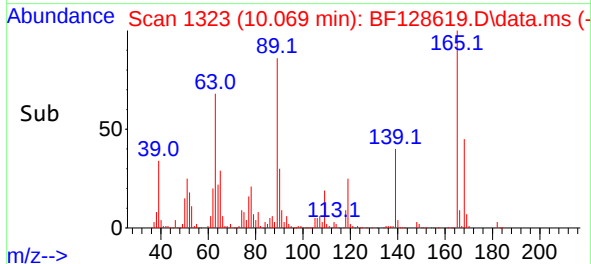
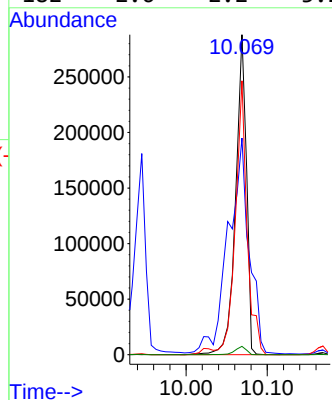
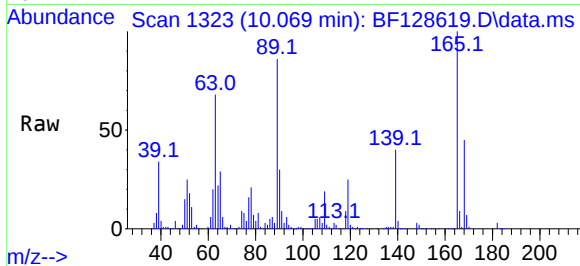




#57  
2,4-Dinitrotoluene  
Concen: 53.232 ng  
RT: 10.069 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

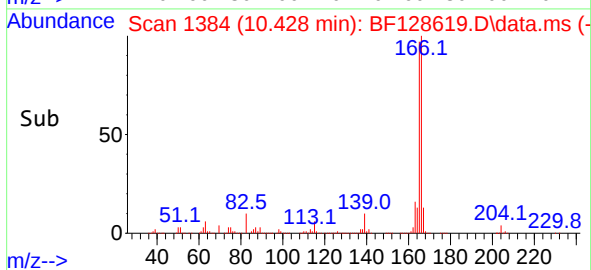
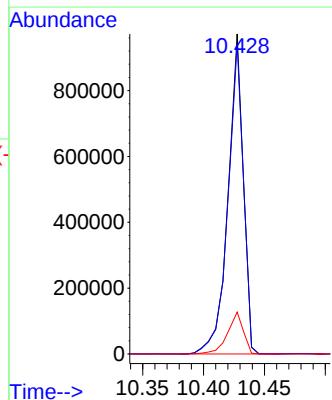
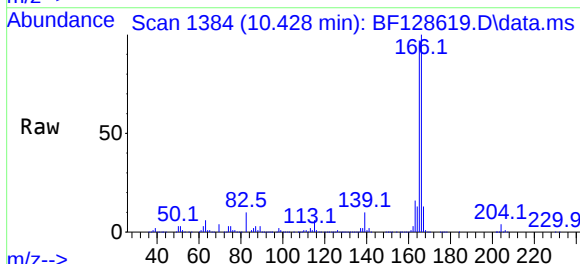
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

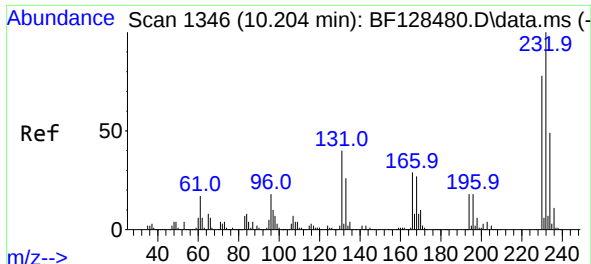
Tgt Ion:165 Resp: 266254  
Ion Ratio Lower Upper  
165 100  
63 67.7 39.8 59.6#  
89 85.6 60.2 90.2  
182 2.6 2.2 3.2



#58  
Fluorene  
Concen: 43.333 ng  
RT: 10.428 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:166 Resp: 850414  
Ion Ratio Lower Upper  
166 100  
165 96.8 78.1 117.1  
167 13.1 10.5 15.7

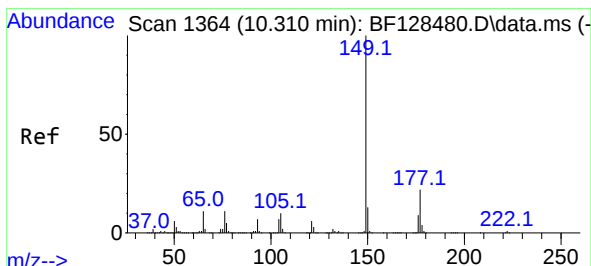
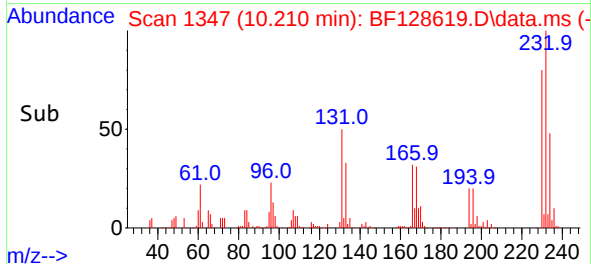
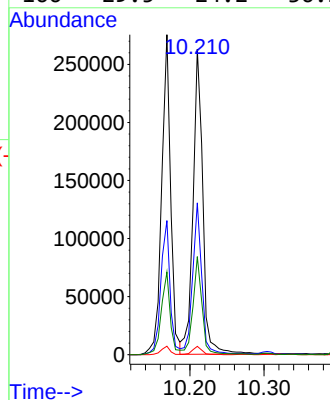
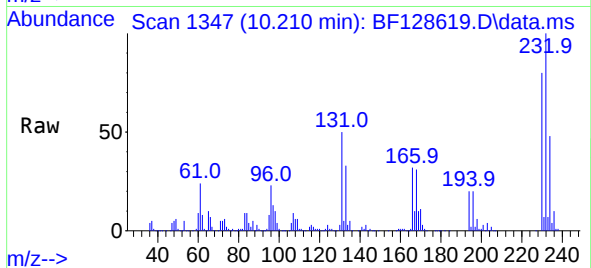




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.590 ng  
RT: 10.210 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

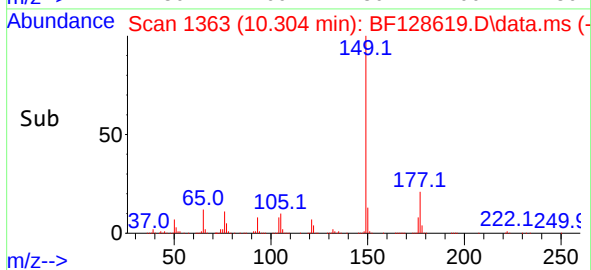
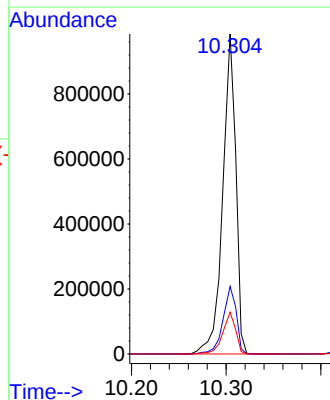
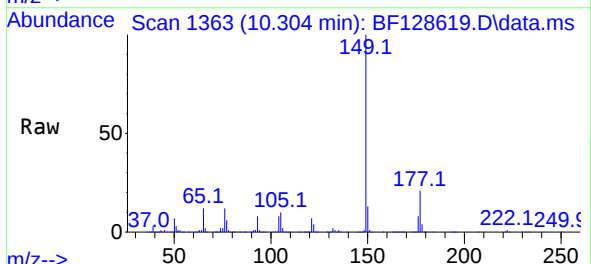
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

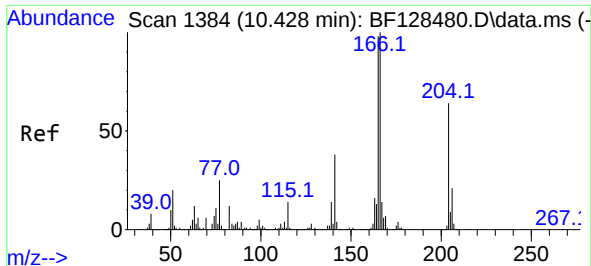
Tgt Ion:232 Resp: 241363  
Ion Ratio Lower Upper  
232 100  
131 46.6 36.1 54.1  
130 2.6 1.8 2.8  
166 29.5 24.2 36.2



#60  
Diethylphthalate  
Concen: 42.697 ng  
RT: 10.304 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:149 Resp: 946149  
Ion Ratio Lower Upper  
149 100  
177 21.1 17.3 25.9  
150 13.0 10.2 15.2

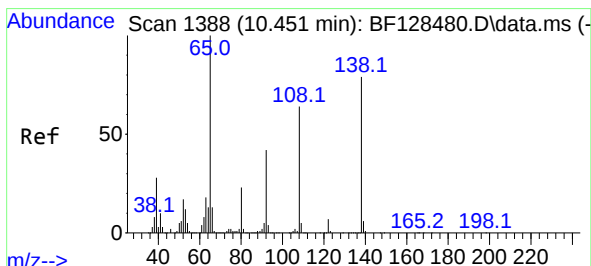
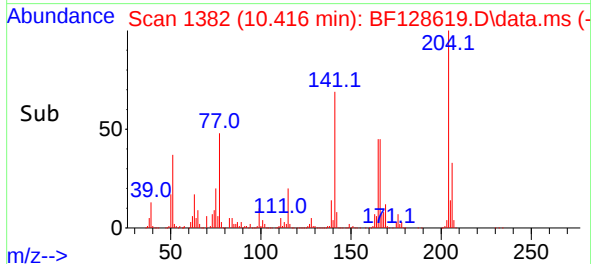
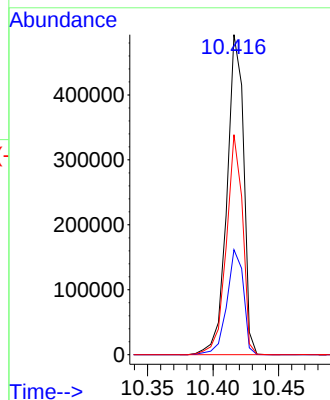
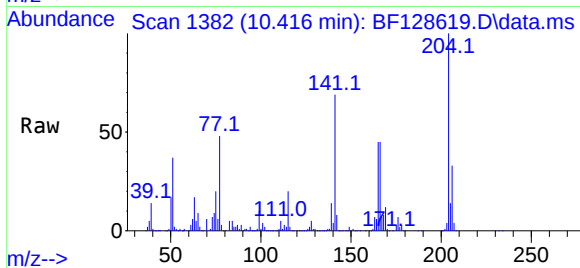




#61  
4-Chlorophenyl-phenylether  
Concen: 43.707 ng  
RT: 10.416 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

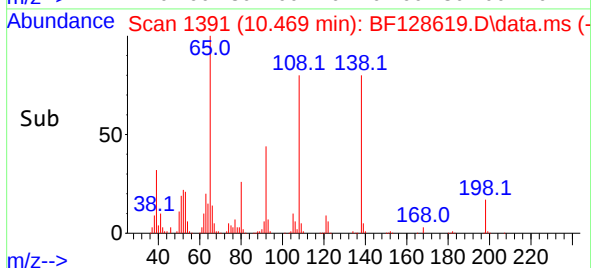
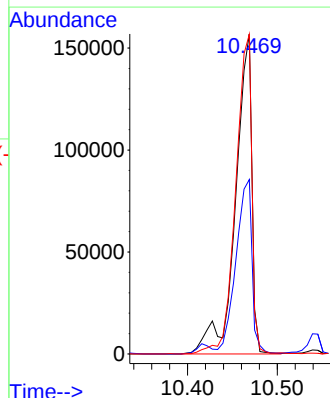
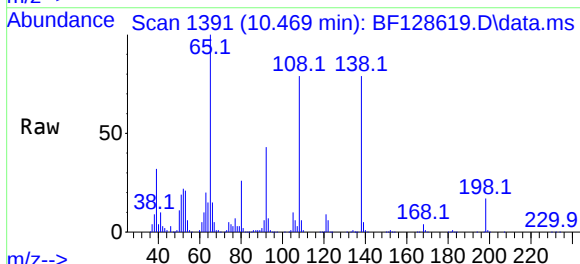
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

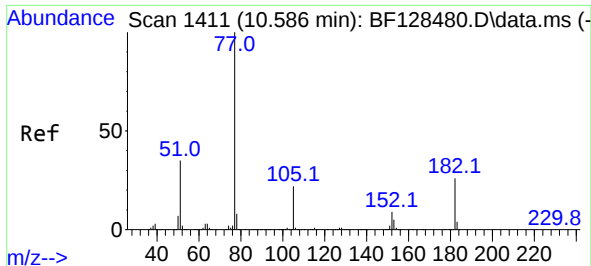
Tgt Ion:204 Resp: 435189  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.8 38.6  
141 68.7 47.0 70.4



#62  
4-Nitroaniline  
Concen: 42.907 ng m  
RT: 10.469 min Scan# 1391  
Delta R.T. 0.018 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:138 Resp: 198343  
Ion Ratio Lower Upper  
138 100  
92 54.5 33.5 73.5  
108 99.9 61.0 101.0



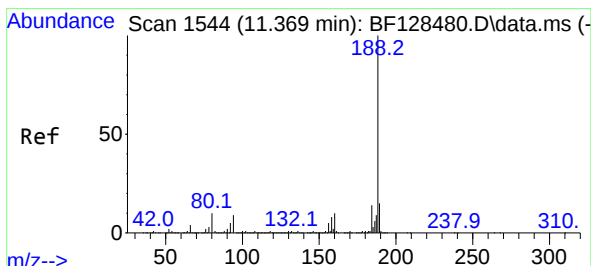
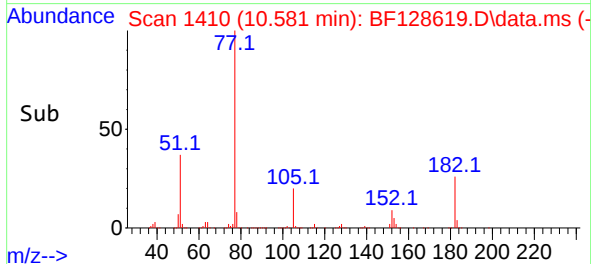
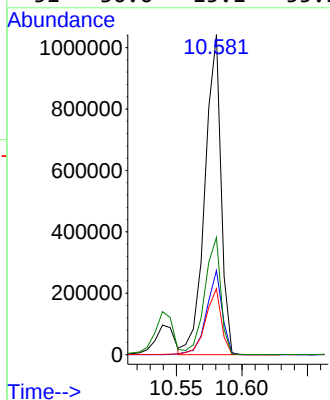
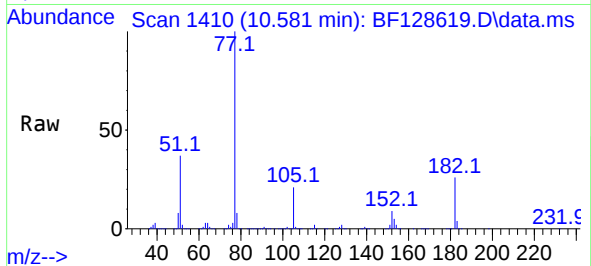


#63  
Azobenzene  
Concen: 39.491 ng  
RT: 10.581 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

Tgt Ion: 77 Resp: 890908

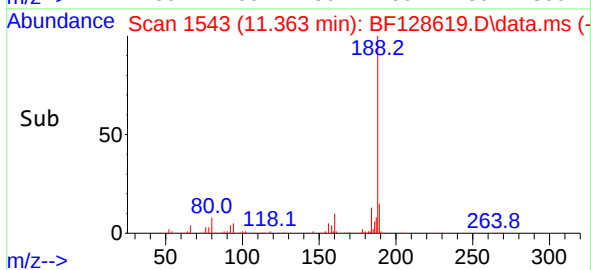
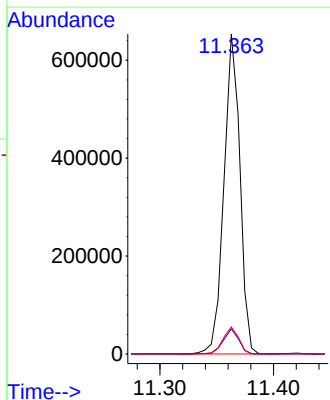
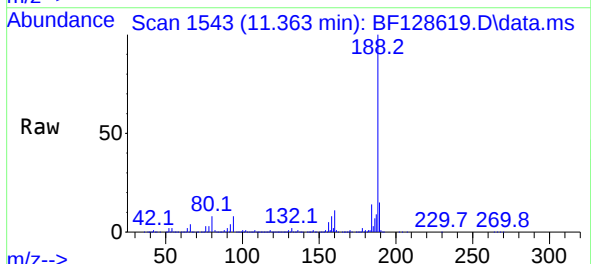
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.3  | 5.6   | 45.6  |
| 105 | 20.6  | 1.6   | 41.6  |
| 51  | 36.6  | 15.1  | 55.1  |

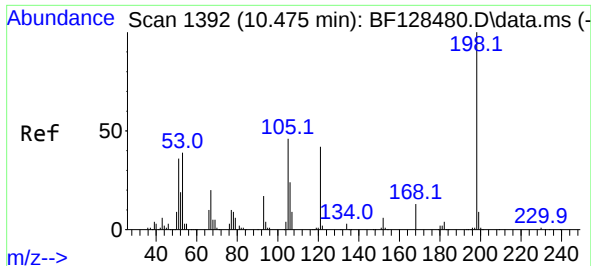


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1543  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion: 188 Resp: 639456

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.9   | 7.0   | 10.6  |
| 80  | 8.4   | 7.6   | 11.4  |

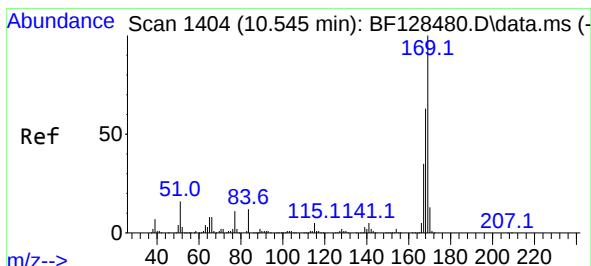
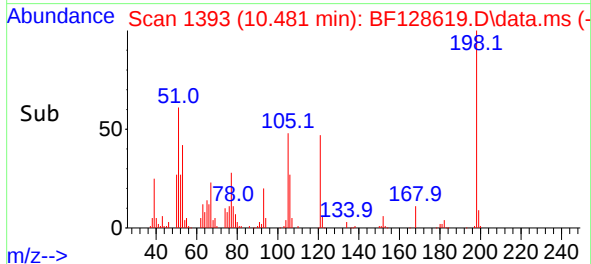
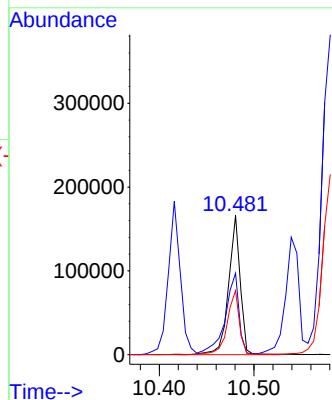
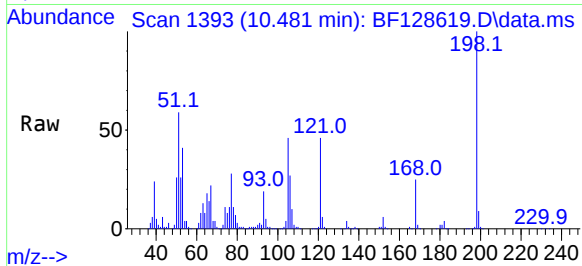




#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.371 ng  
RT: 10.481 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

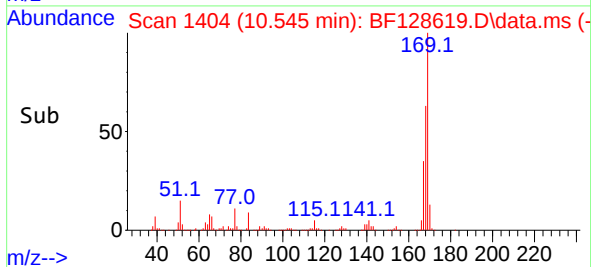
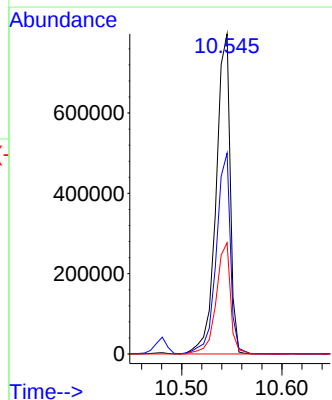
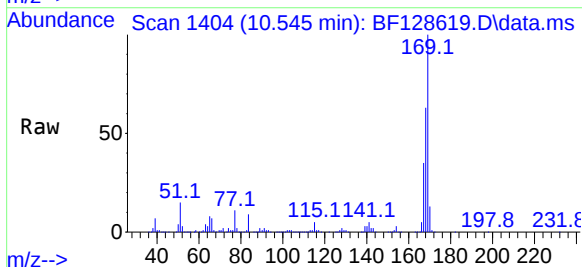
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

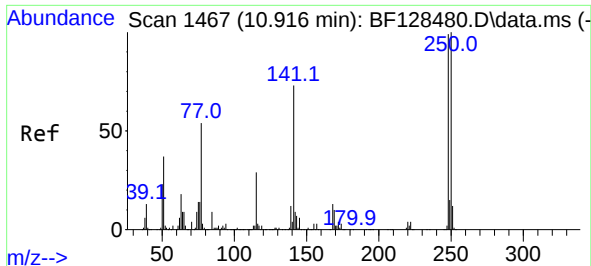
Tgt Ion:198 Resp: 143083  
Ion Ratio Lower Upper  
198 100  
51 58.6 37.6 77.6  
105 46.0 27.0 67.0



#66  
n-Nitrosodiphenylamine  
Concen: 40.480 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:169 Resp: 774987  
Ion Ratio Lower Upper  
169 100  
168 62.8 50.1 75.1  
167 34.8 27.9 41.9

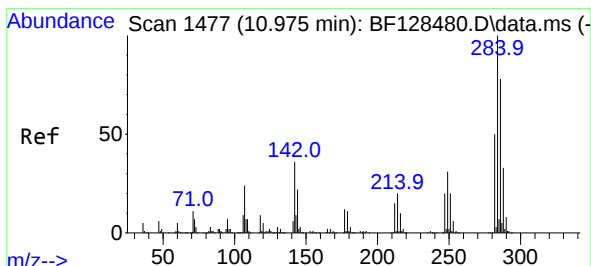
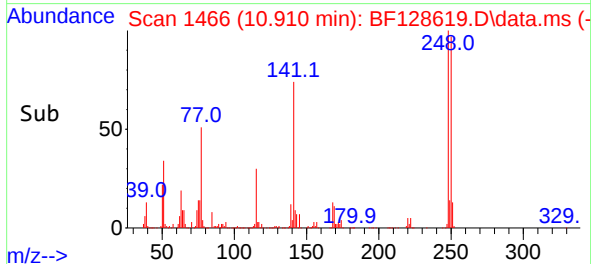
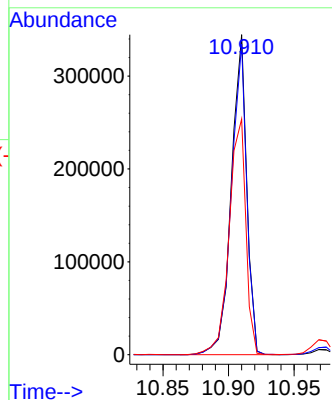
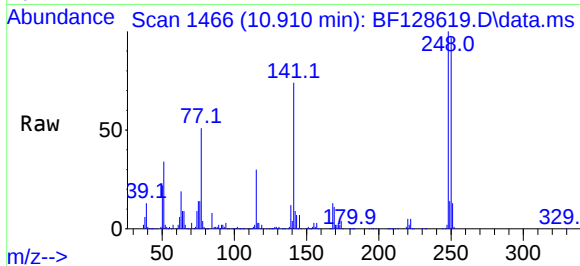




#67  
4-Bromophenyl-phenylether  
Concen: 42.683 ng  
RT: 10.910 min Scan# 1466  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

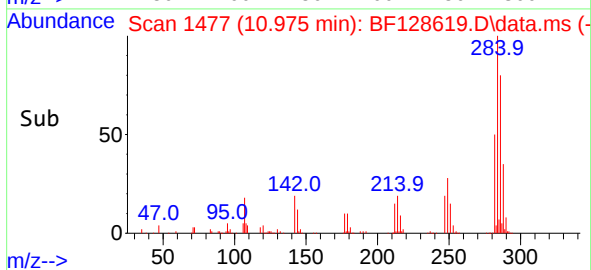
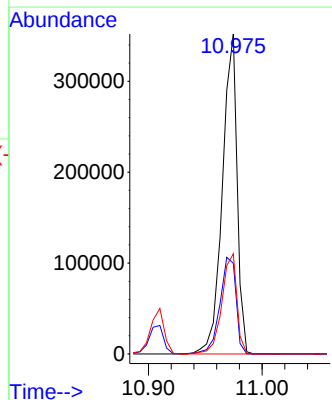
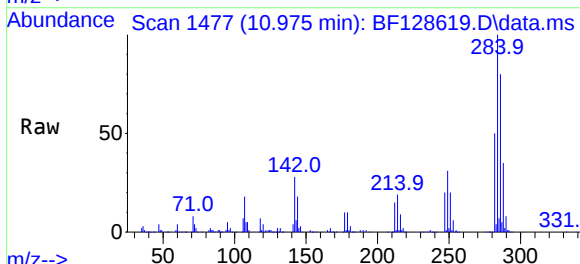
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

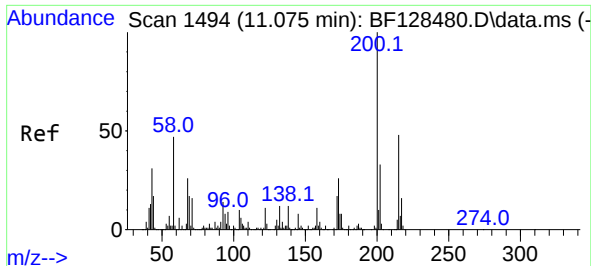
Tgt Ion:248 Resp: 281993  
Ion Ratio Lower Upper  
248 100  
250 97.1 80.6 120.8  
141 73.6 58.9 88.3



#68  
Hexachlorobenzene  
Concen: 43.600 ng  
RT: 10.975 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:284 Resp: 318102  
Ion Ratio Lower Upper  
284 100  
142 28.3 29.0 43.4#  
249 31.3 25.0 37.6

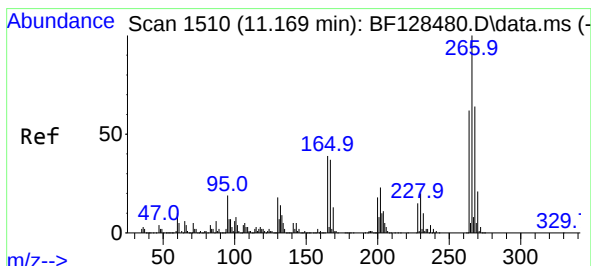
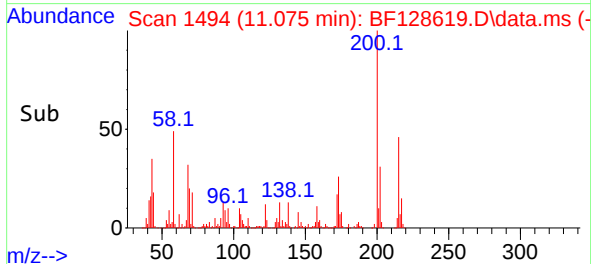
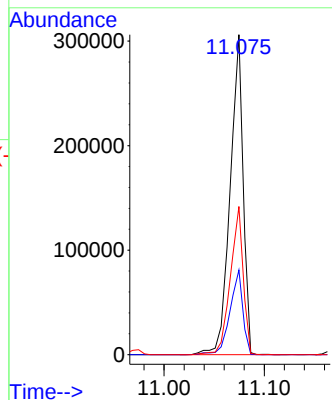
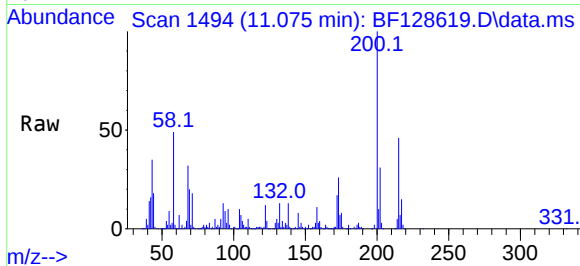




#69  
Atrazine  
Concen: 46.342 ng  
RT: 11.075 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

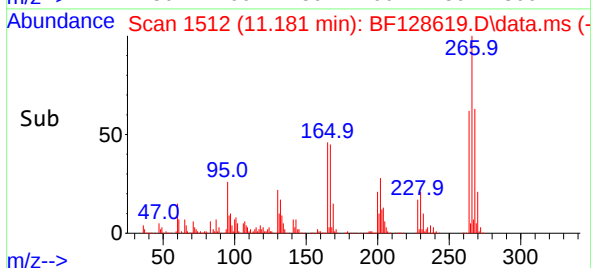
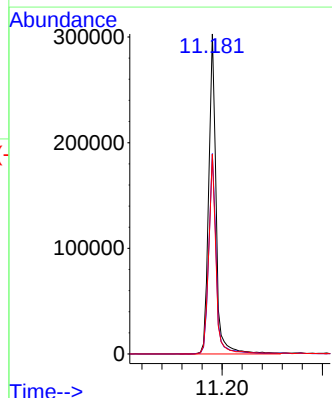
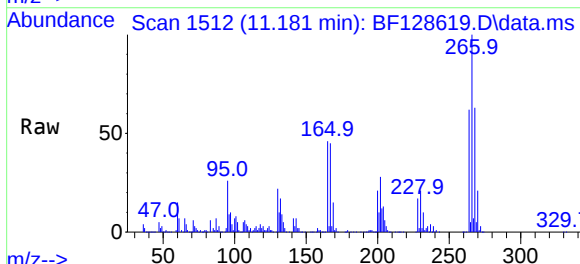
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

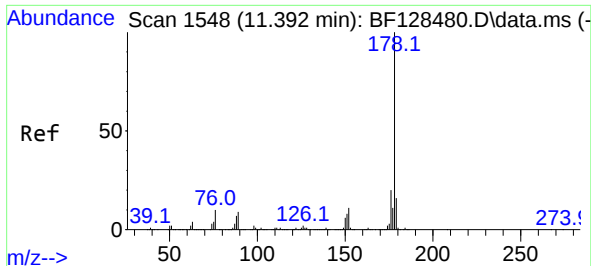
Tgt Ion:200 Resp: 275349  
Ion Ratio Lower Upper  
200 100  
173 26.4 6.3 46.3  
215 46.3 28.3 68.3



#70  
Pentachlorophenol  
Concen: 70.060 ng  
RT: 11.181 min Scan# 1512  
Delta R.T. 0.011 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:266 Resp: 311486  
Ion Ratio Lower Upper  
266 100  
268 62.6 51.0 76.4  
264 62.5 49.4 74.2

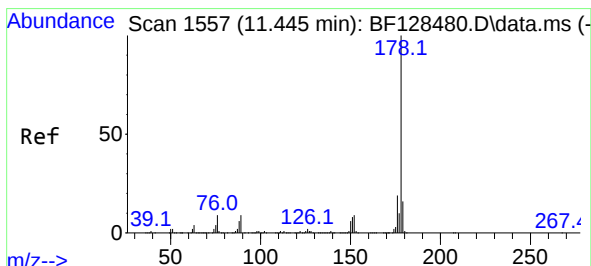
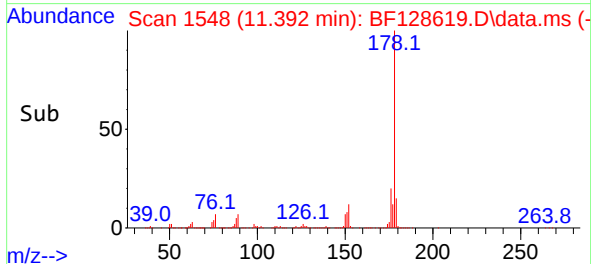
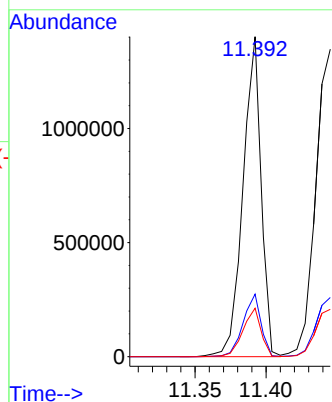
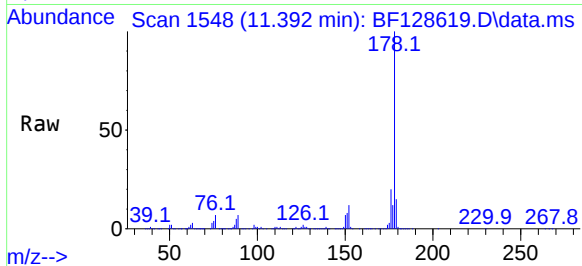




#71  
Phenanthrene  
Concen: 41.193 ng  
RT: 11.392 min Scan# 1548  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

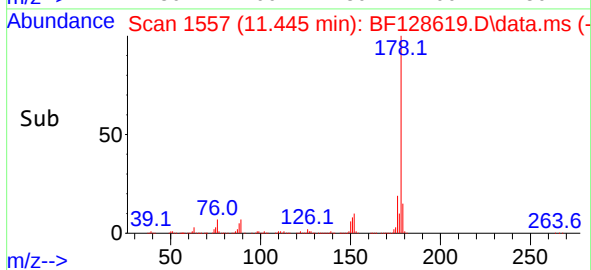
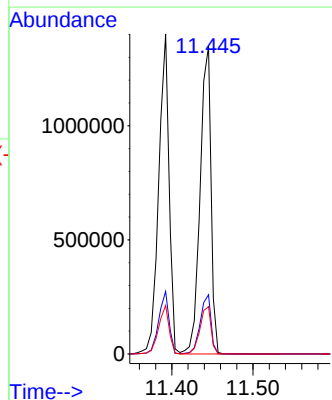
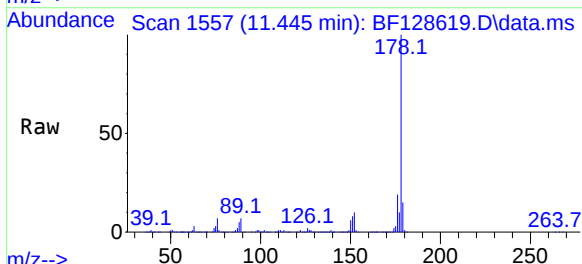
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

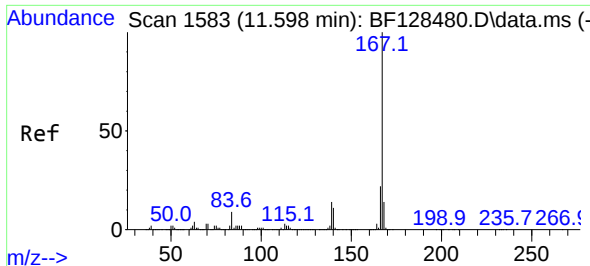
Tgt Ion:178 Resp: 1247808  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 15.2 12.6 19.0



#72  
Anthracene  
Concen: 41.672 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:178 Resp: 1260894  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 15.4 12.6 19.0

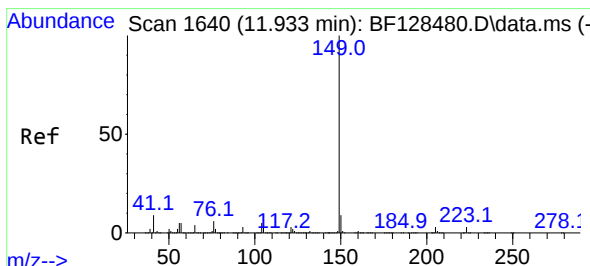
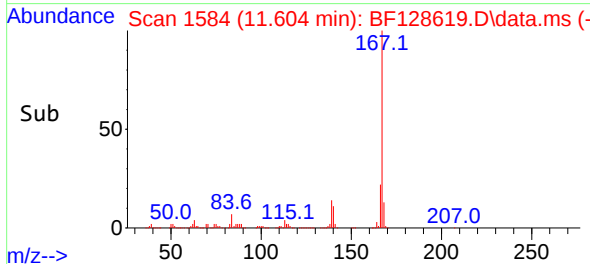
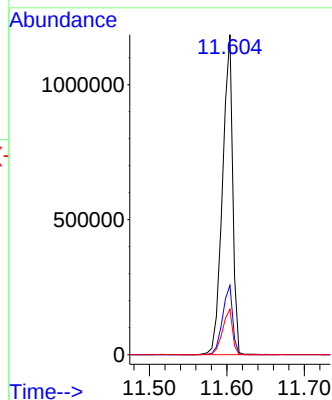
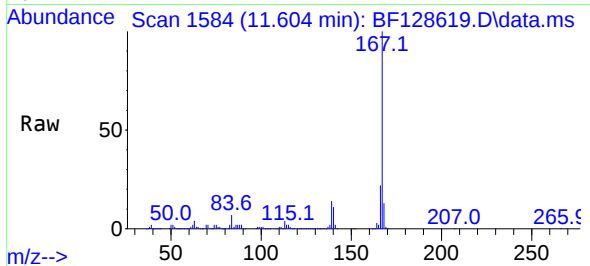




#73  
Carbazole  
Concen: 37.461 ng  
RT: 11.604 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

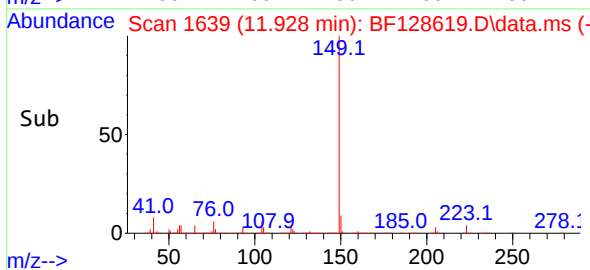
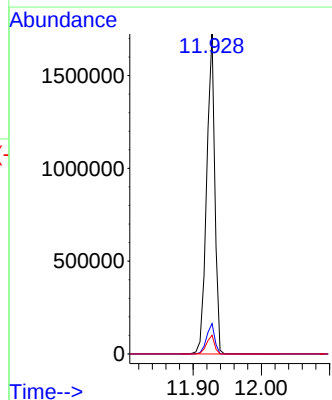
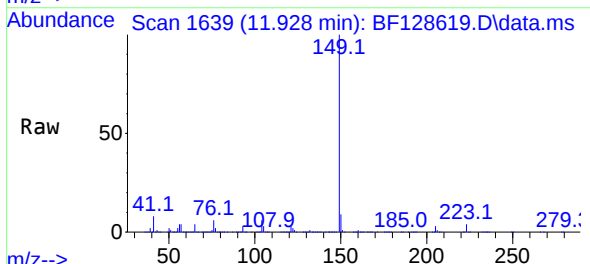
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

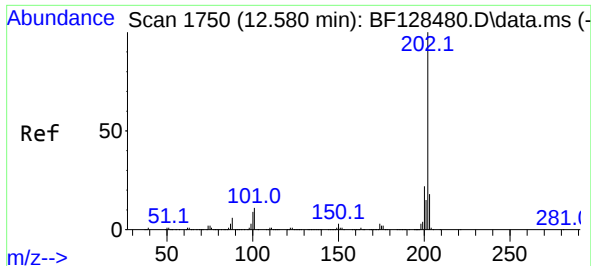
Tgt Ion:167 Resp: 1086285  
Ion Ratio Lower Upper  
167 100  
166 21.7 17.7 26.5  
139 14.2 11.2 16.8



#74  
Di-n-butylphthalate  
Concen: 41.885 ng  
RT: 11.928 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:149 Resp: 1429532  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.5 11.3  
104 5.9 4.4 6.6

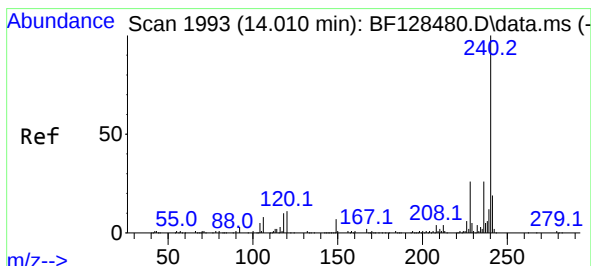
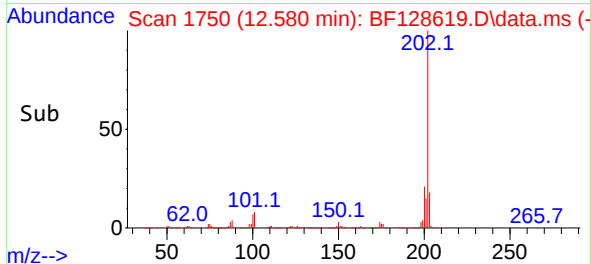
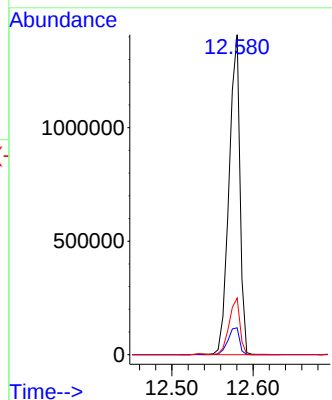
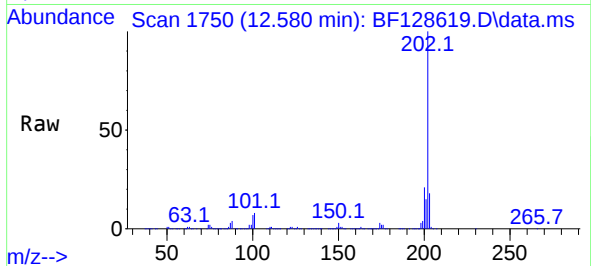




#75  
Fluoranthene  
Concen: 40.674 ng  
RT: 12.580 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

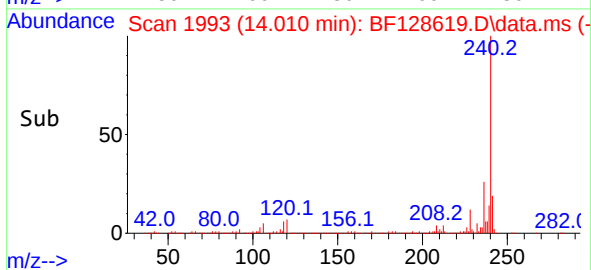
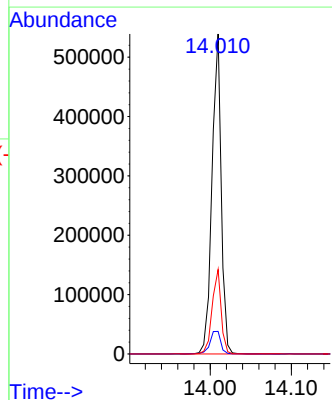
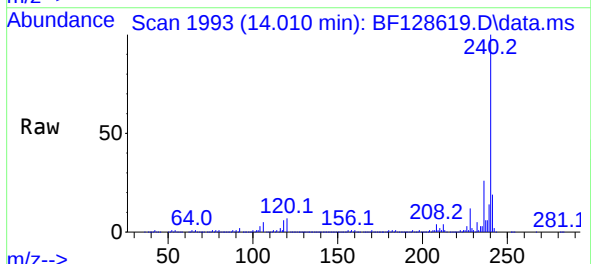
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

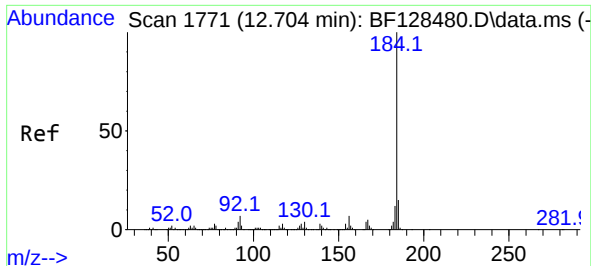
Tgt Ion:202 Resp: 1317251  
Ion Ratio Lower Upper  
202 100  
101 8.4 0.0 31.4  
203 17.7 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:240 Resp: 422323  
Ion Ratio Lower Upper  
240 100  
120 7.0 8.9 13.3#  
236 26.4 20.8 31.2

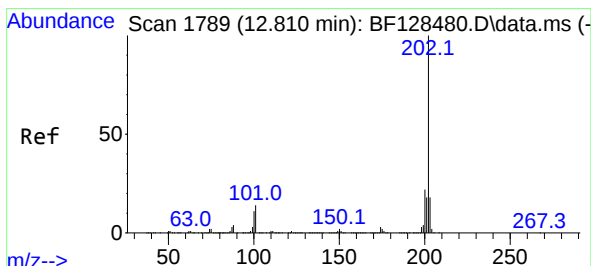
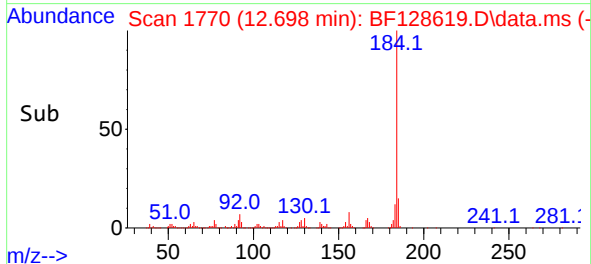
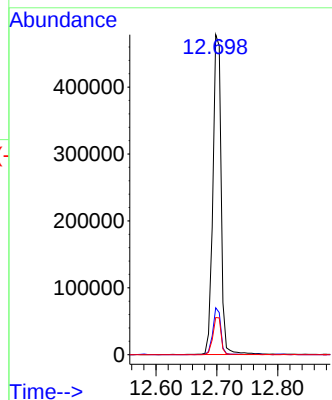
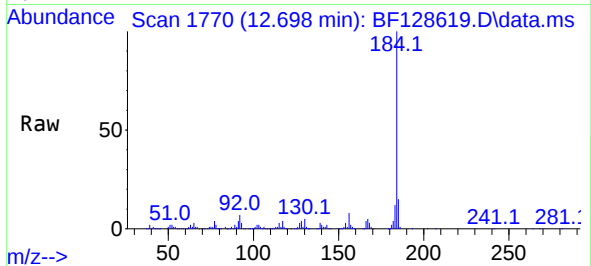




#77  
Benzidine  
Concen: 46.352 ng  
RT: 12.698 min Scan# 1770  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

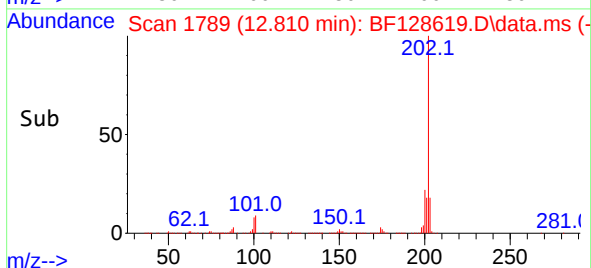
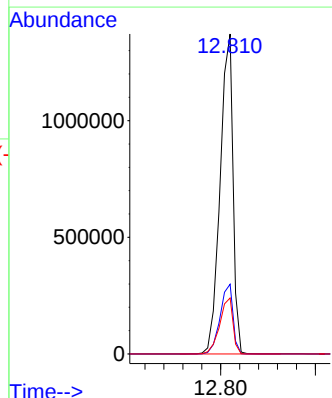
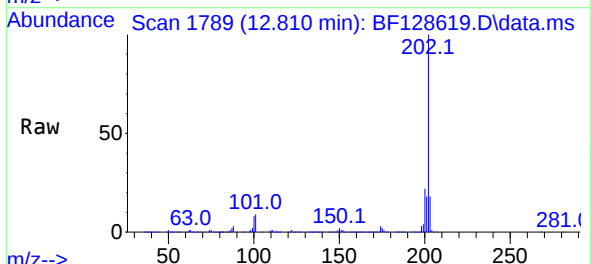
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

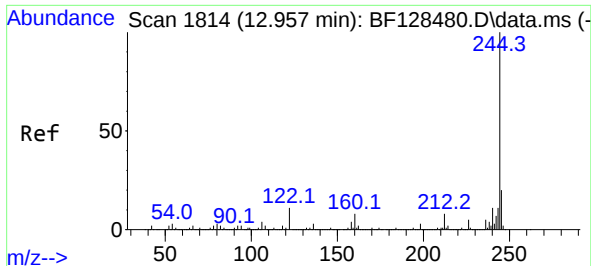
Tgt Ion:184 Resp: 451517  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.9 17.9  
183 11.6 9.3 13.9



#78  
Pyrene  
Concen: 40.734 ng  
RT: 12.810 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:202 Resp: 1295986  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.7 26.5  
203 17.5 14.6 21.8

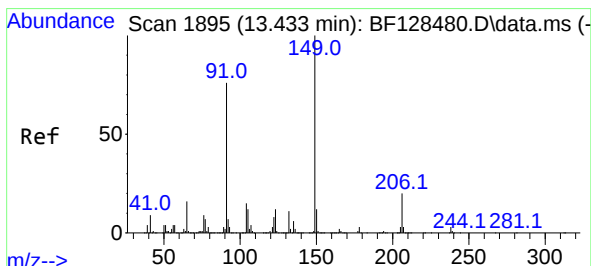
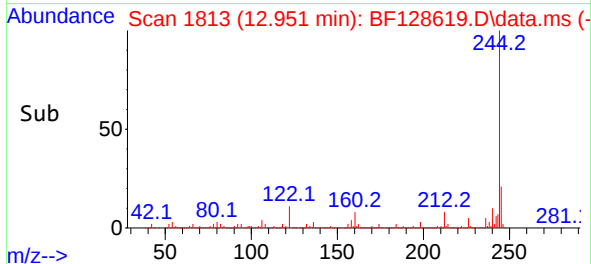
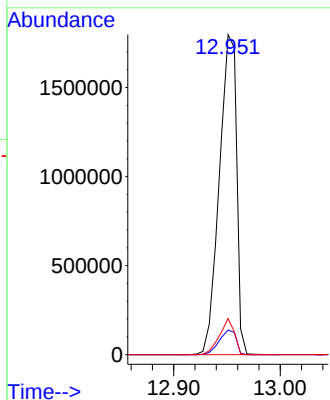
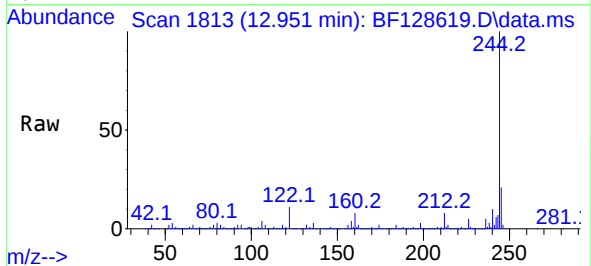




#79  
Terphenyl-d14  
Concen: 92.538 ng  
RT: 12.951 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

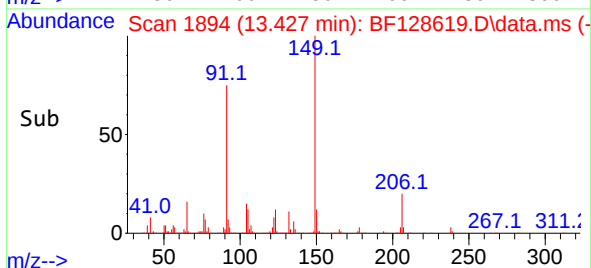
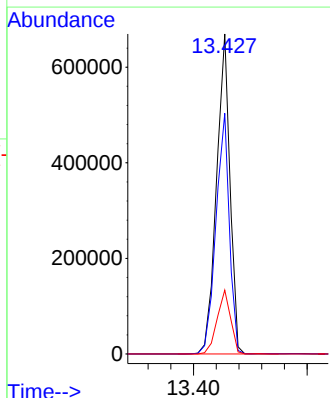
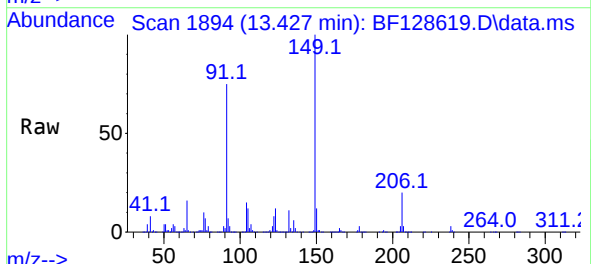
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

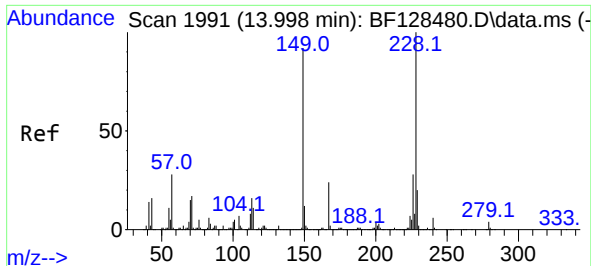
Tgt Ion:244 Resp: 2022866  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.1 9.1  
122 11.3 8.8 13.2



#80  
Butylbenzylphthalate  
Concen: 41.122 ng  
RT: 13.427 min Scan# 1894  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:149 Resp: 551852  
Ion Ratio Lower Upper  
149 100  
91 75.2 61.2 91.8  
206 20.0 15.7 23.5

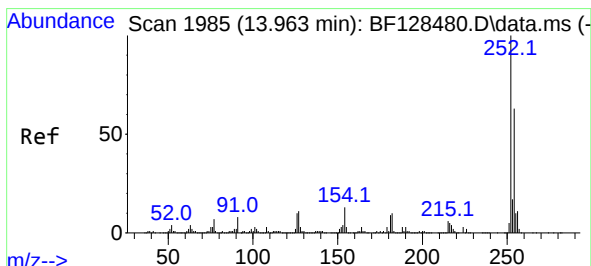
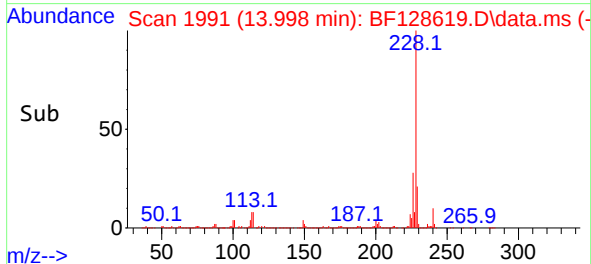
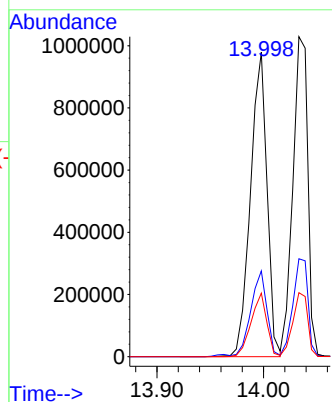
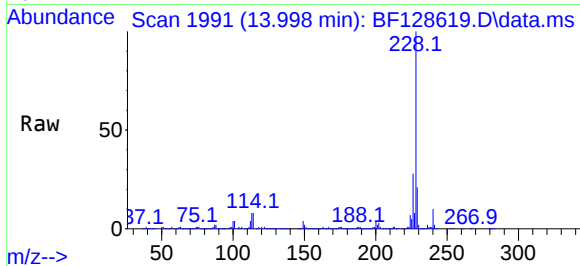




#81  
Benzo(a)anthracene  
Concen: 42.098 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

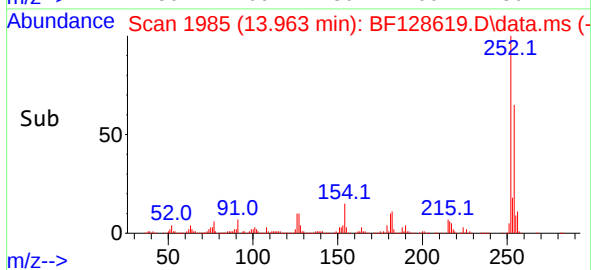
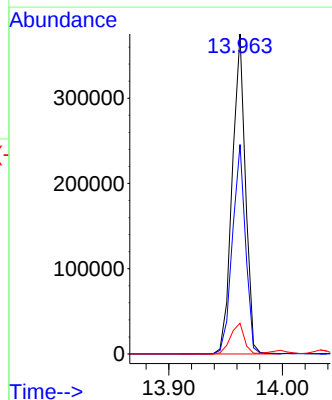
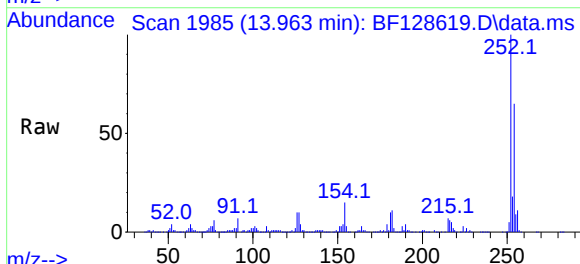
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

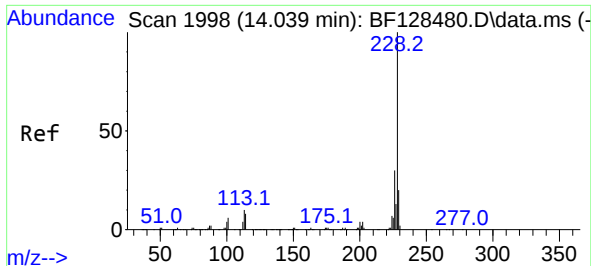
Tgt Ion:228 Resp: 1056735  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.1 33.1  
229 20.9 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 47.094 ng  
RT: 13.963 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:252 Resp: 302704  
Ion Ratio Lower Upper  
252 100  
254 65.5 50.2 75.4  
126 9.6 8.2 12.4

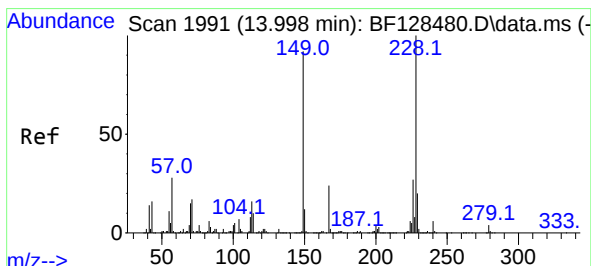
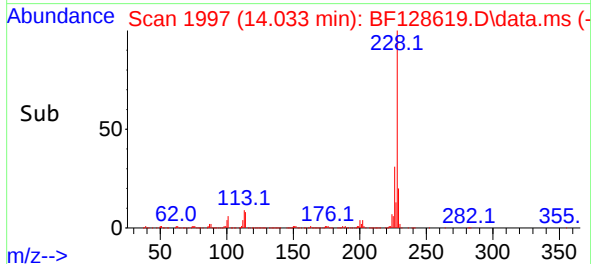
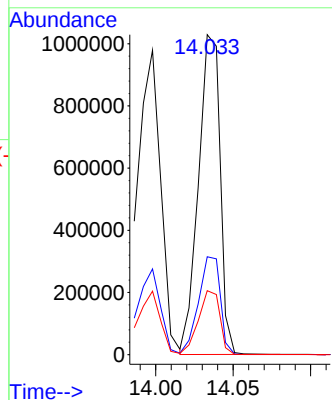
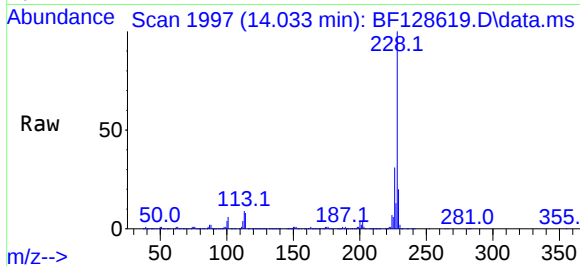




#83  
Chrysene  
Concen: 39.008 ng  
RT: 14.033 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

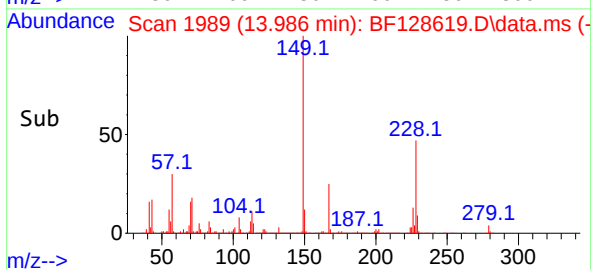
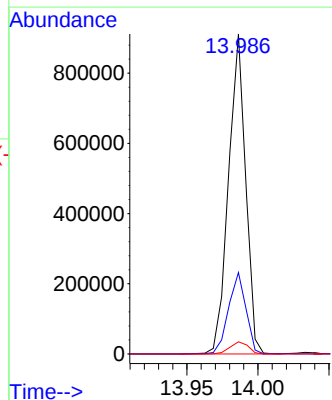
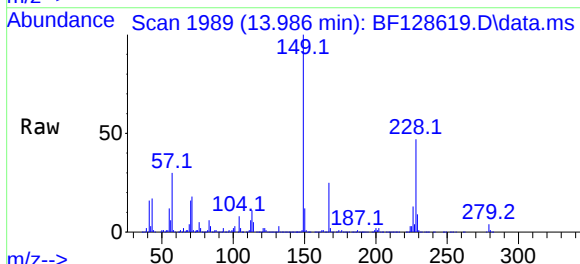
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

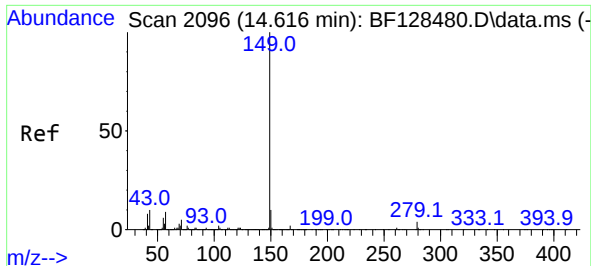
Tgt Ion:228 Resp: 1002770  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.3 36.5  
229 20.0 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.980 ng  
RT: 13.986 min Scan# 1989  
Delta R.T. -0.012 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:149 Resp: 762535  
Ion Ratio Lower Upper  
149 100  
167 25.5 21.0 31.4  
279 3.8 3.1 4.7

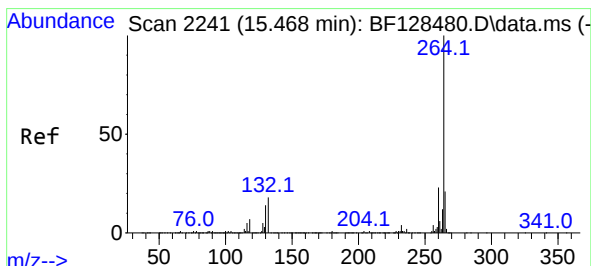
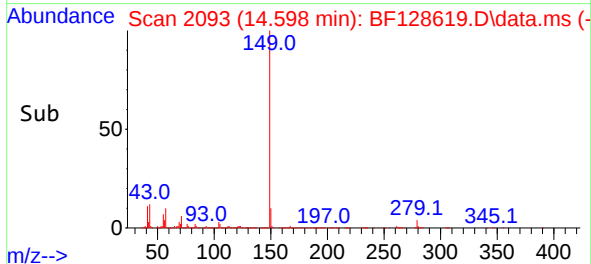
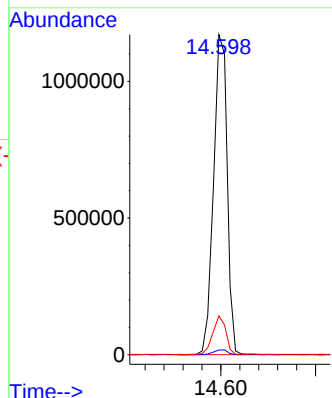
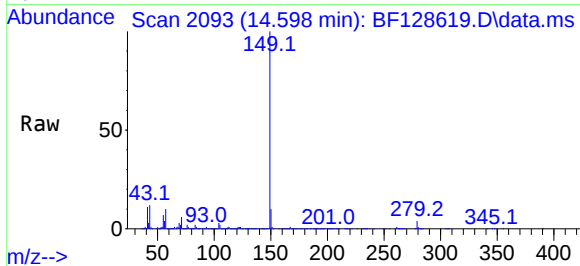




#85  
Di-n-octyl phthalate  
Concen: 40.839 ng  
RT: 14.598 min Scan# 2093  
Delta R.T. -0.018 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

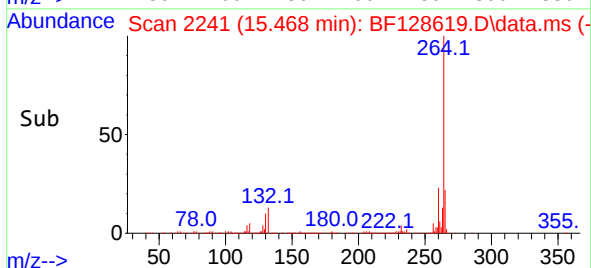
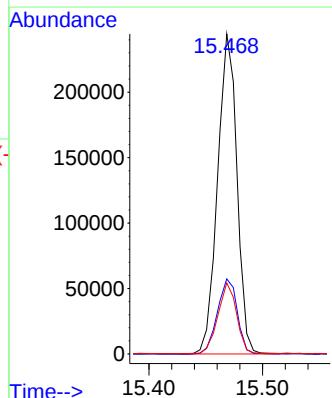
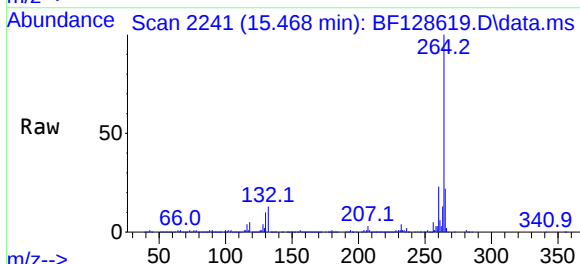
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

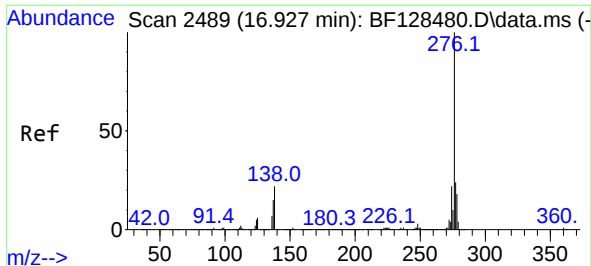
Tgt Ion:149 Resp: 1166813  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.5 9.2 13.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.468 min Scan# 2241  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:264 Resp: 289833  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.4 27.6  
265 22.2 17.2 25.8

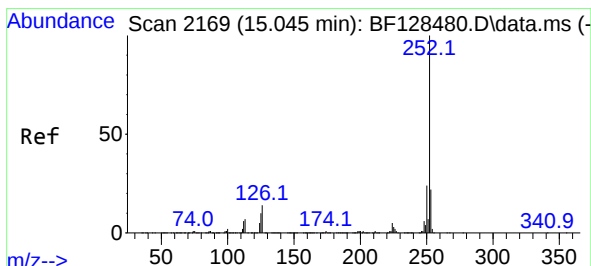
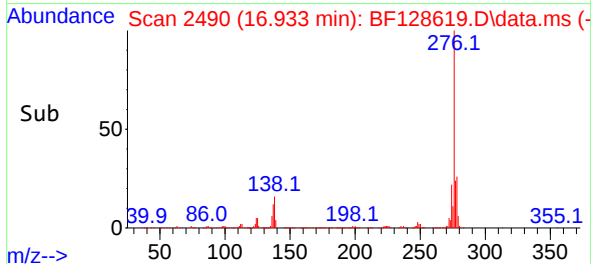
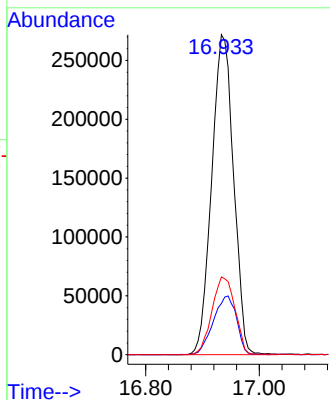
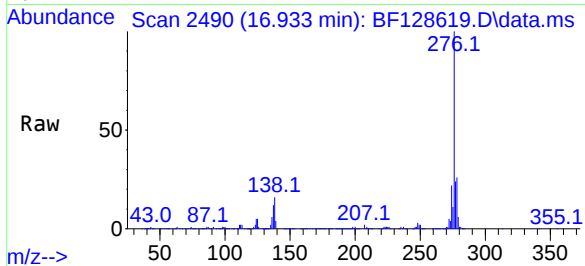




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.489 ng  
RT: 16.933 min Scan# 2489  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

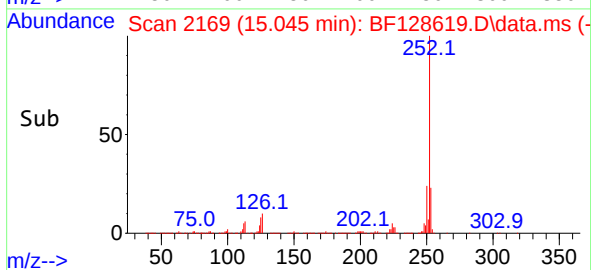
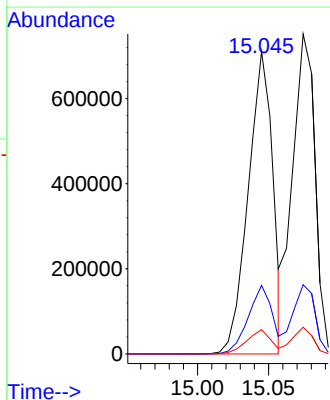
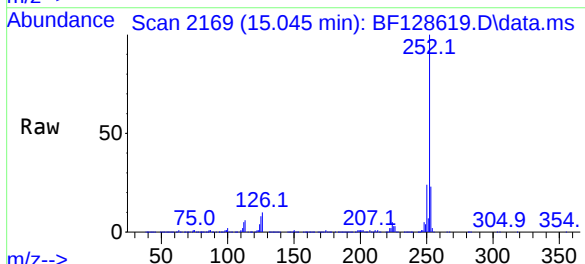
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

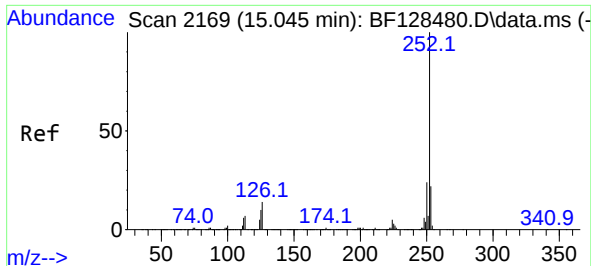
Tgt Ion:276 Resp: 726334  
Ion Ratio Lower Upper  
276 100  
138 19.6 21.1 31.7#  
277 25.7 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 47.468 ng  
RT: 15.045 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:252 Resp: 855832  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.7 26.5  
125 8.0 8.0 12.0

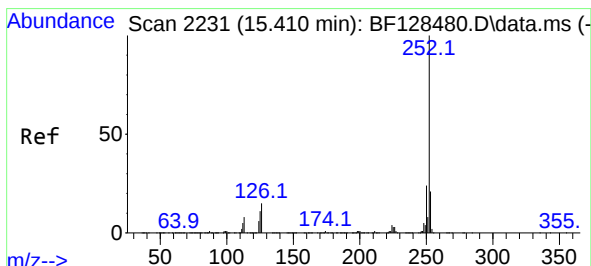
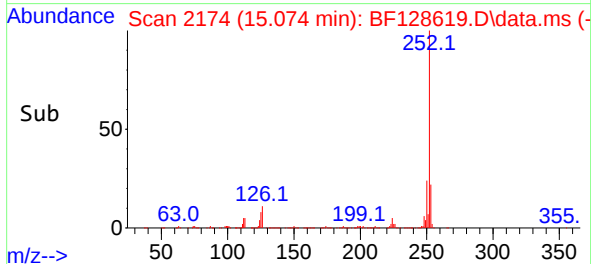
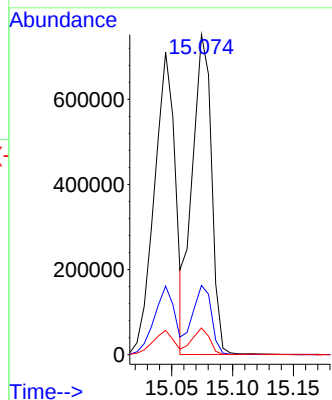
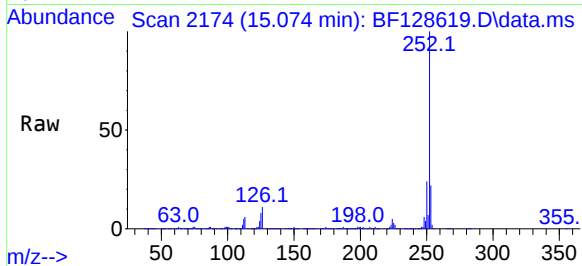




#89  
Benzo(k)fluoranthene  
Concen: 49.610 ng  
RT: 15.074 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

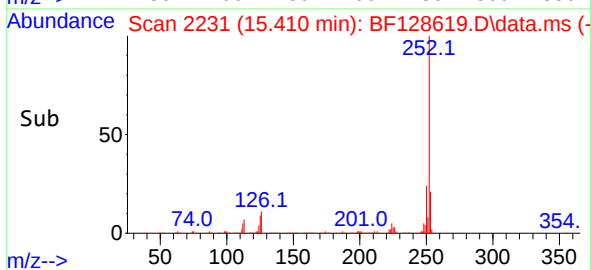
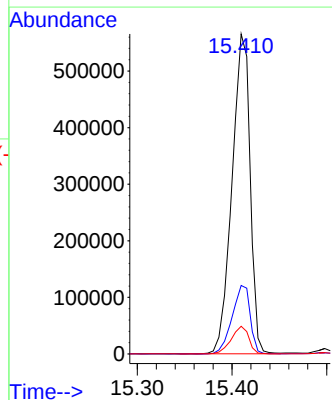
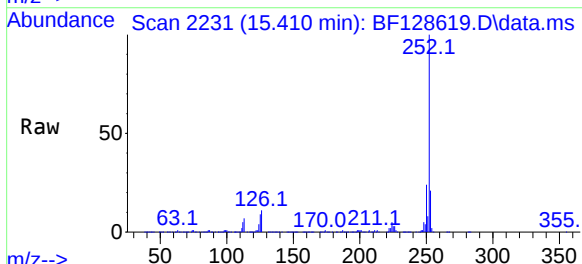
Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

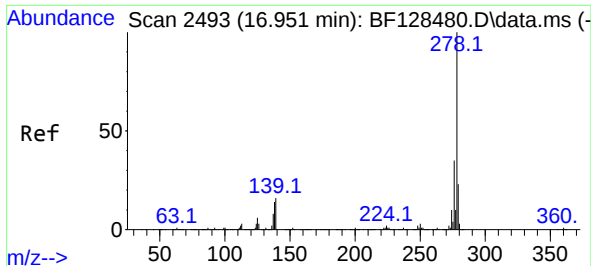
Tgt Ion:252 Resp: 828727  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.6  
125 8.4 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 51.815 ng  
RT: 15.410 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:252 Resp: 749527  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.0 25.6  
125 8.6 8.8 13.2#

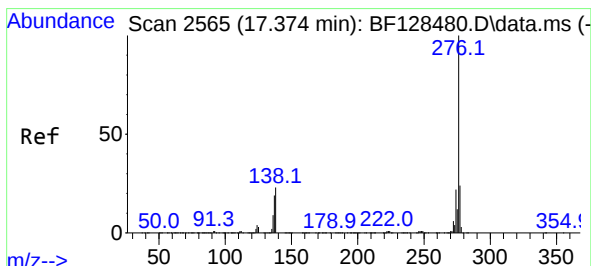
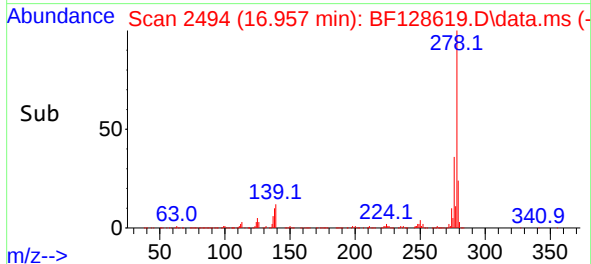
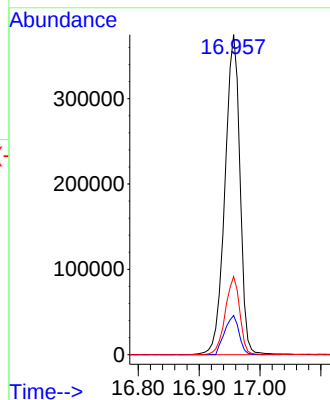
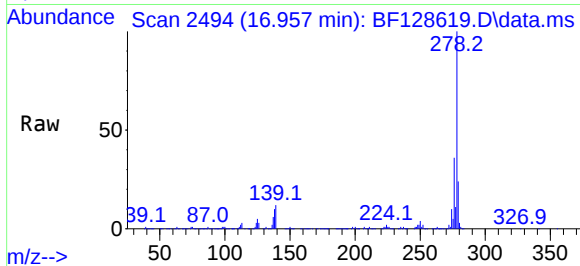




#91  
Dibenzo(a,h)anthracene  
Concen: 45.322 ng  
RT: 16.957 min Scan# 2493  
Delta R.T. 0.006 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB145210BS

Tgt Ion:278 Resp: 642389  
Ion Ratio Lower Upper  
278 100  
139 12.3 12.8 19.2#  
279 24.4 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 45.375 ng  
RT: 17.386 min Scan# 2567  
Delta R.T. 0.012 min  
Lab File: BF128619.D  
Acq: 01 Jun 2022 12:18

Tgt Ion:276 Resp: 637910  
Ion Ratio Lower Upper  
276 100  
277 22.7 19.1 28.7  
138 15.8 18.0 27.0#

