

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052622\  
 Data File : BF128487.D  
 Acq On : 26 May 2022 22:25  
 Operator : CG\JU  
 Sample : PB145086BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145086BS

Quant Time: May 27 04:25:03 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     | 6.840  | 152  | 225088   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 869517   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.881  | 164  | 489867   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 891254   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 584807   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.474 | 264  | 496512   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 1496841  | 110.151 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.469  | 99   | 1871583  | 108.020 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 1248204  | 82.812  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.675 | 330  | 518152   | 111.127 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 2255378  | 74.800  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 2482826  | 82.022  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.728  | 88   | 188502   | 31.109  | ng    | 99       |
| 3) Pyridine                   | 3.457  | 79   | 512770   | 32.687  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.416  | 42   | 337570   | 41.064  | ng    | 96       |
| 6) Aniline                    | 6.504  | 93   | 752268   | 37.207  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.622  | 128  | 613864   | 43.566  | ng    | 97       |
| 9) Benzaldehyde               | 6.393  | 77   | 341930   | 47.242  | ng    | 99       |
| 10) Phenol                    | 6.481  | 94   | 729875   | 42.511  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 571425   | 40.657  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 642858   | 40.156  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 643923   | 39.766  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 622252   | 41.752  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.981  | 79   | 505239   | 38.233  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 1006458  | 40.462  | ng    | 99       |
| 17) 2-Methylphenol            | 7.093  | 107  | 498481   | 41.566  | ng    | 98       |
| 18) Hexachloroethane          | 7.351  | 117  | 235989   | 41.316  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 424302   | 39.940  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.245  | 107  | 570738   | 39.394  | ng    | 91       |
| 22) Acetophenone              | 7.251  | 105  | 784718   | 39.139  | ng    | 94       |
| 24) Nitrobenzene              | 7.422  | 77   | 633171   | 42.491  | ng    | 99       |
| 25) Isophorone                | 7.663  | 82   | 1200406  | 43.172  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.740  | 139  | 286436   | 45.992  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.775  | 122  | 560688   | 45.293  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 707712   | 39.218  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.975  | 162  | 512062   | 39.970  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 548506   | 39.526  | ng    | 98       |
| 31) Naphthalene               | 8.145  | 128  | 1705913  | 40.085  | ng    | 100      |
| 32) Benzoic acid              | 7.898  | 122  | 380937   | 43.532  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.192  | 127  | 493157   | 29.104  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 341532   | 38.980  | ng    | 100      |
| 35) Caprolactam               | 8.569  | 113  | 81904    | 20.733  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.675  | 107  | 538185   | 40.892  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.834  | 142  | 1072926  | 39.942  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.934  | 142  | 1050191  | 40.197  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.004  | 216  | 494845   | 36.786  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 658025   | 87.021  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.110  | 196  | 385192   | 38.830  | ng    | 97       |

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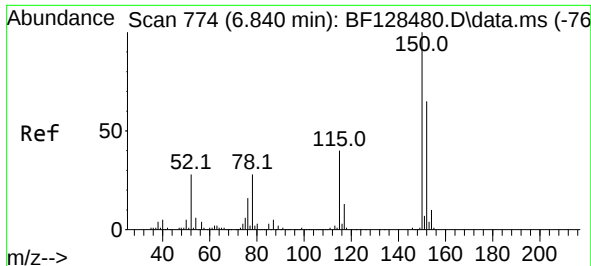
Quant Time: May 27 04:25:03 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.151  | 196  | 405599   | 39.682 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 1331184  | 38.700 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.328  | 162  | 1056140  | 39.113 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.422  | 65   | 343967   | 45.810 | ng    | 98       |
| 49) Acenaphthylene            | 9.745  | 152  | 1730831  | 41.726 | ng    | 99       |
| 50) Dimethylphthalate         | 9.610  | 163  | 1257737  | 39.582 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 272779   | 46.840 | ng    | 100      |
| 52) Acenaphthene              | 9.916  | 154  | 1092837  | 42.700 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.834  | 138  | 236579   | 35.176 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.939  | 184  | 236868   | 80.174 | ng    | 96       |
| 55) Dibenzofuran              | 10.092 | 168  | 1458795  | 38.417 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.992  | 139  | 472768   | 86.628 | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 10.069 | 165  | 353103   | 50.681 | ng    | 96       |
| 58) Fluorene                  | 10.433 | 166  | 1057418  | 38.681 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 324888   | 39.223 | ng    | 100      |
| 60) Diethylphthalate          | 10.310 | 149  | 1237916  | 40.104 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 531342   | 38.309 | ng    | 93       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 287449   | 44.640 | ng    | 98       |
| 63) Azobenzene                | 10.586 | 77   | 1218990  | 38.791 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.475 | 198  | 157121   | 39.277 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 1059361  | 39.701 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 362838   | 39.403 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.975 | 284  | 406586   | 39.984 | ng    | 99       |
| 69) Atrazine                  | 11.075 | 200  | 354667   | 42.827 | ng    | 98       |
| 70) Pentachlorophenol         | 11.169 | 266  | 468665   | 75.632 | ng    | 98       |
| 71) Phenanthrene              | 11.392 | 178  | 1673884  | 39.647 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 1703787  | 40.400 | ng    | 99       |
| 73) Carbazole                 | 11.598 | 167  | 1560557  | 38.612 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 1931341  | 40.601 | ng    | 99       |
| 75) Fluoranthene              | 12.580 | 202  | 1814992  | 40.210 | ng    | 100      |
| 77) Benzidine                 | 12.704 | 184  | 862994   | 63.978 | ng    | 100      |
| 78) Pyrene                    | 12.810 | 202  | 1813239  | 41.157 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 780471   | 41.999 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 1406223  | 40.456 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 425791   | 47.839 | ng    | 97       |
| 83) Chrysene                  | 14.039 | 228  | 1420871  | 39.915 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 951295   | 42.325 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.616 | 149  | 1710140  | 43.225 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.927 | 276  | 1218758  | 41.618 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 1376688  | 44.572 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 1191765  | 41.645 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.416 | 252  | 1217201  | 49.119 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.957 | 278  | 1068643  | 44.012 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.374 | 276  | 1064703  | 44.208 | ng    | 99       |

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

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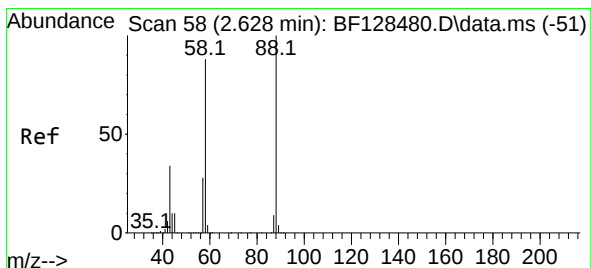
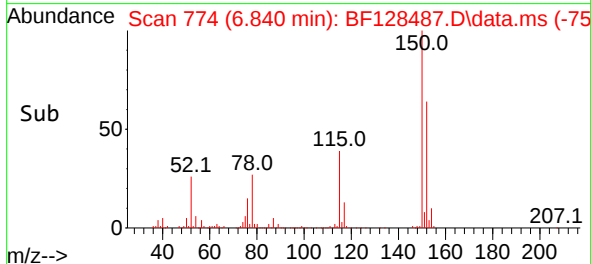
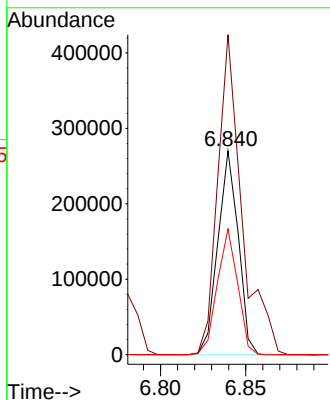
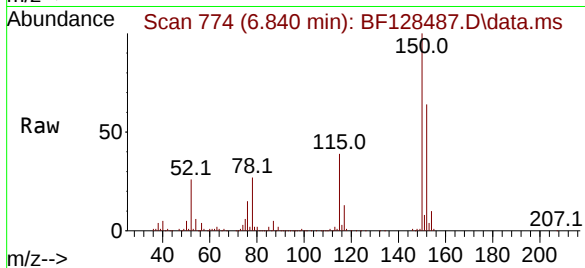




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

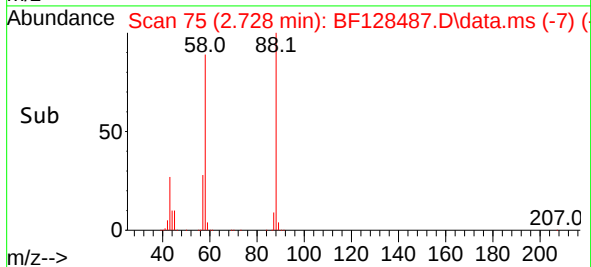
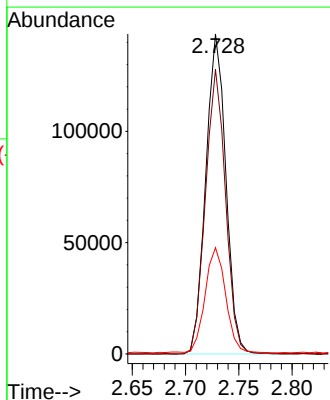
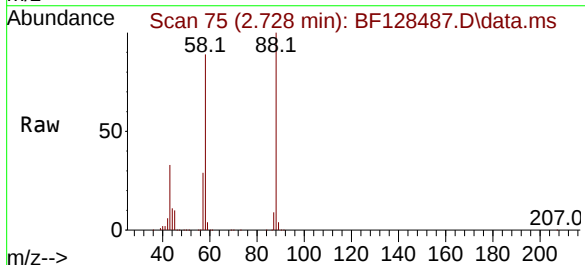
Instrument :  
BNA\_F  
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PB145086BS

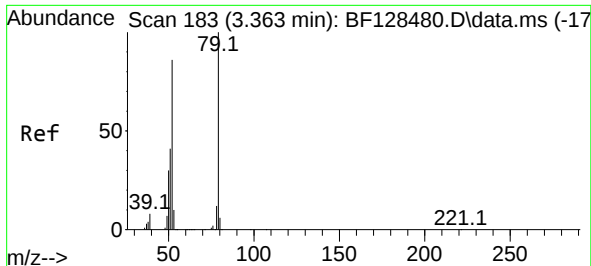
Tgt Ion:152 Resp: 225088  
Ion Ratio Lower Upper  
152 100  
150 157.0 123.7 185.5  
115 61.7 49.9 74.9



#2  
1,4-Dioxane  
Concen: 31.109 ng  
RT: 2.728 min Scan# 75  
Delta R.T. 0.100 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 88 Resp: 188502  
Ion Ratio Lower Upper  
88 100  
58 88.9 71.8 107.8  
43 33.9 26.6 39.8

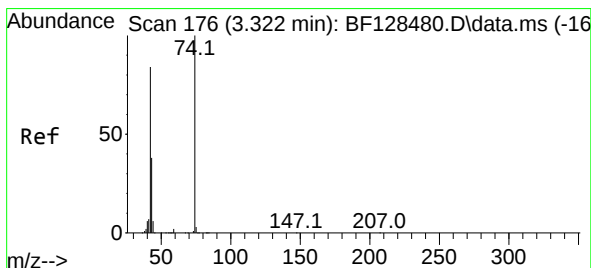
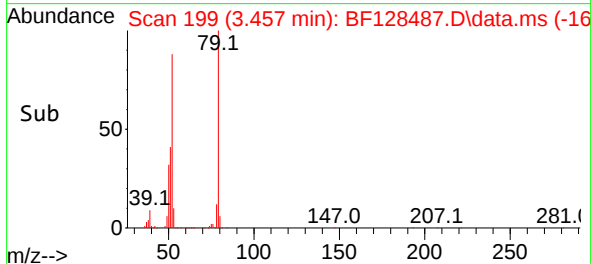
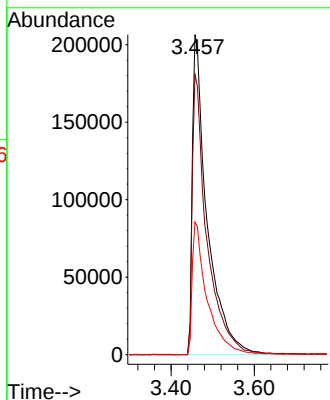
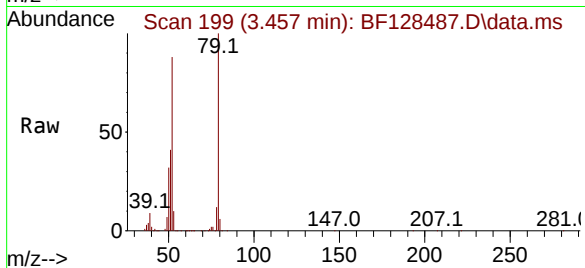




#3  
Pyridine  
Concen: 32.687 ng  
RT: 3.457 min Scan# 199  
Delta R.T. 0.094 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

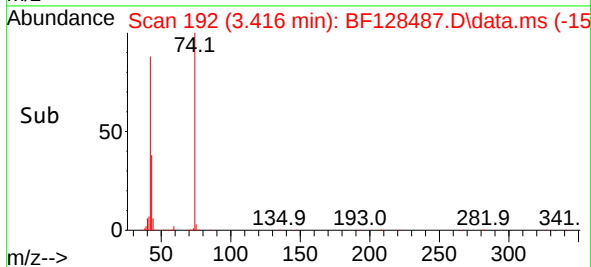
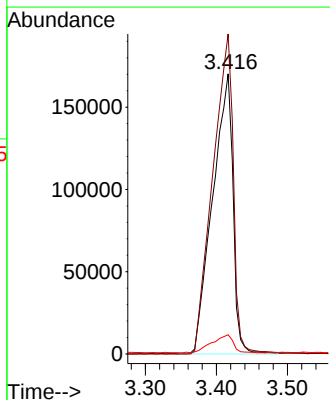
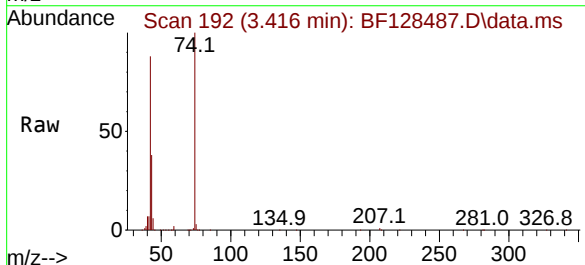
Instrument :  
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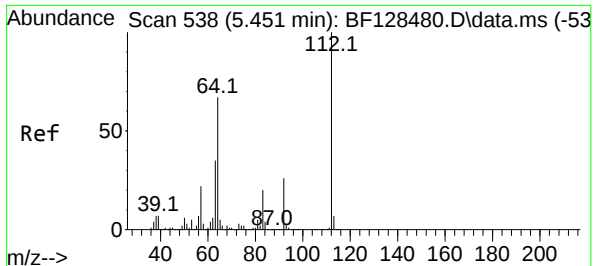
Tgt Ion: 79 Resp: 512770  
Ion Ratio Lower Upper  
79 100  
52 87.5 68.6 102.8  
51 41.5 32.9 49.3



#4  
n-Nitrosodimethylamine  
Concen: 41.064 ng  
RT: 3.416 min Scan# 192  
Delta R.T. 0.094 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 42 Resp: 337570  
Ion Ratio Lower Upper  
42 100  
74 114.2 94.8 142.2  
44 6.9 6.6 10.0

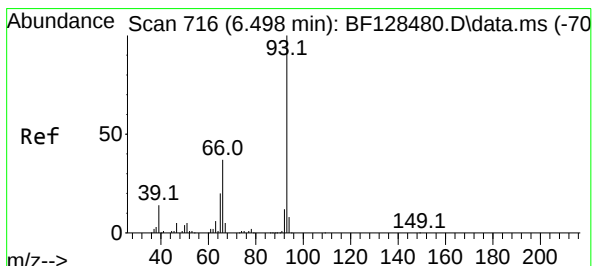
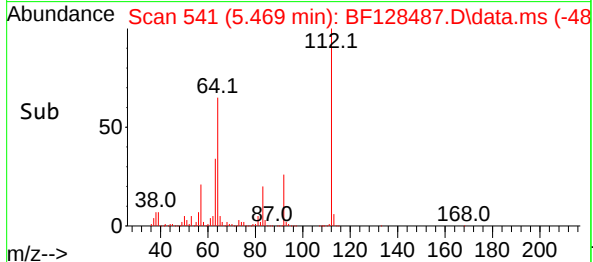
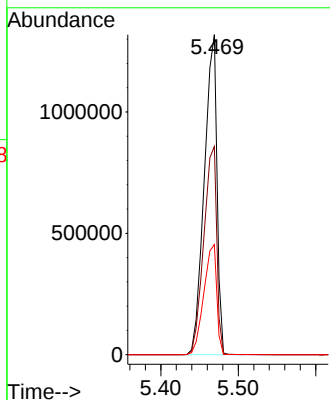
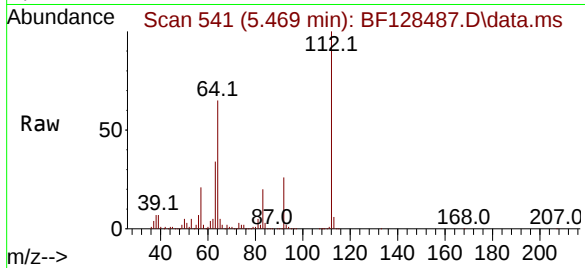




#5  
2-Fluorophenol  
Concen: 110.151 ng  
RT: 5.469 min Scan# 541  
Delta R.T. 0.018 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

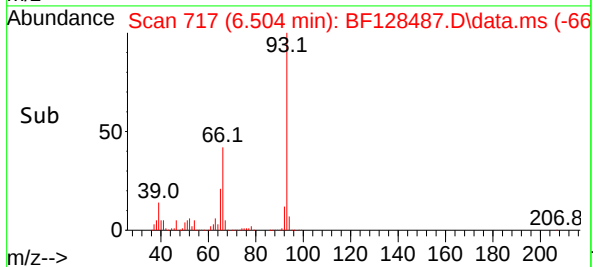
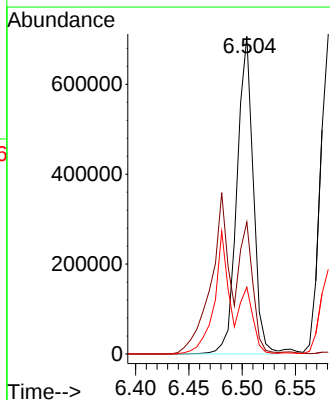
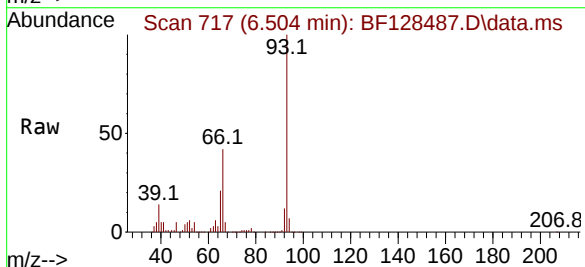
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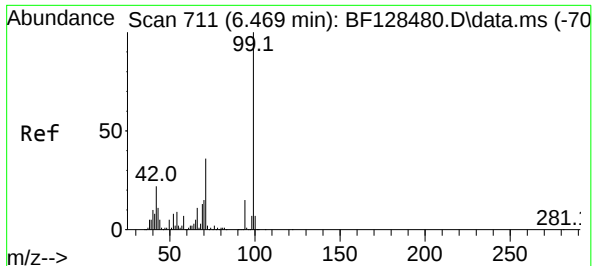
Tgt Ion:112 Resp: 1496841  
Ion Ratio Lower Upper  
112 100  
64 65.0 53.3 79.9  
63 34.4 28.0 42.0



#6  
Aniline  
Concen: 37.207 ng  
RT: 6.504 min Scan# 717  
Delta R.T. 0.006 min  
Lab File: BF128487.D  
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Tgt Ion: 93 Resp: 752268  
Ion Ratio Lower Upper  
93 100  
66 41.6 32.5 48.7  
65 21.0 16.4 24.6

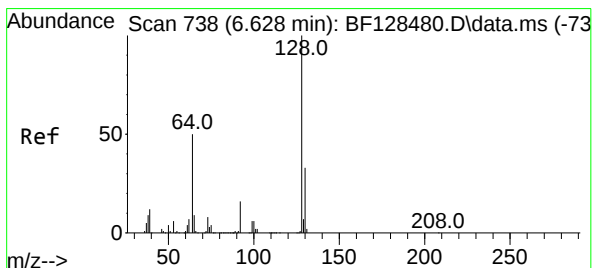
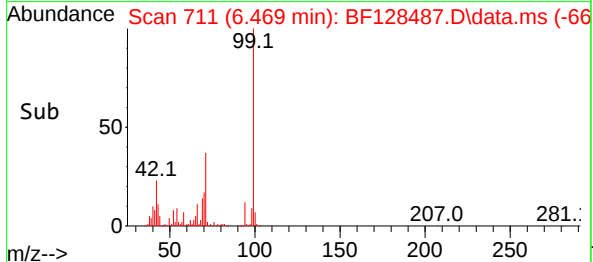
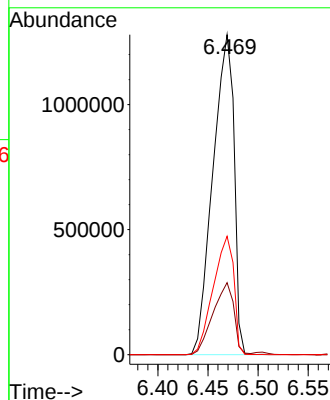
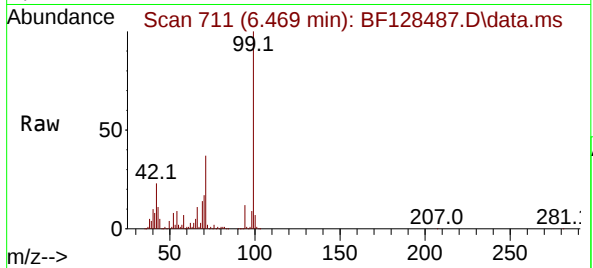




#7  
Phenol-d6  
Concen: 108.020 ng  
RT: 6.469 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

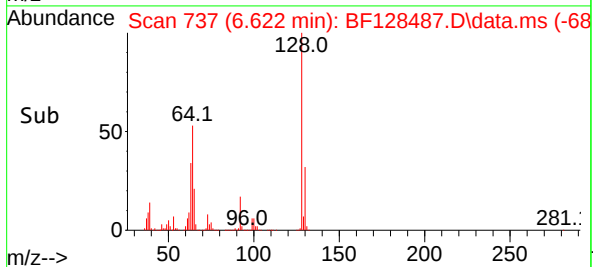
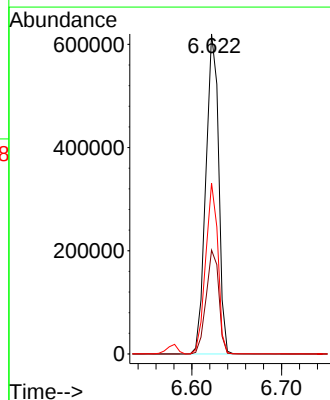
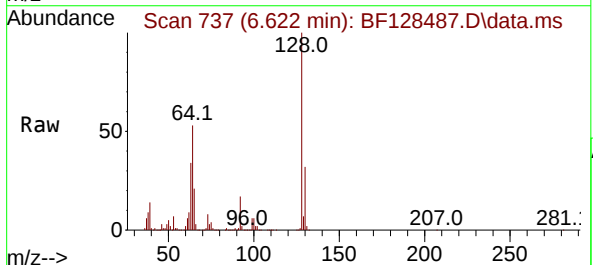
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ClientSampleId :  
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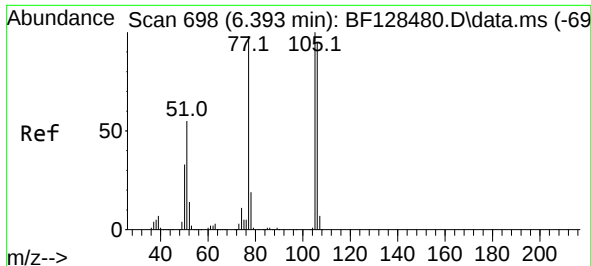
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Ion Ratio Lower Upper  
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42 22.5 17.3 25.9  
71 37.0 28.9 43.3



#8  
2-Chlorophenol  
Concen: 43.566 ng  
RT: 6.622 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 128 Resp: 613864  
Ion Ratio Lower Upper  
128 100  
130 32.4 13.1 53.1  
64 53.4 30.9 70.9

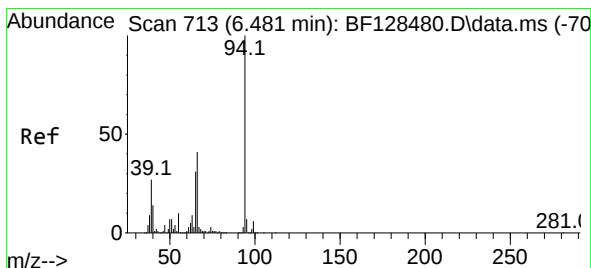
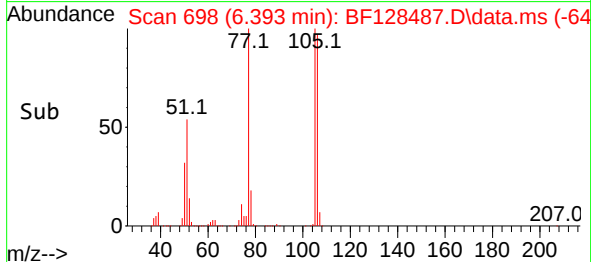
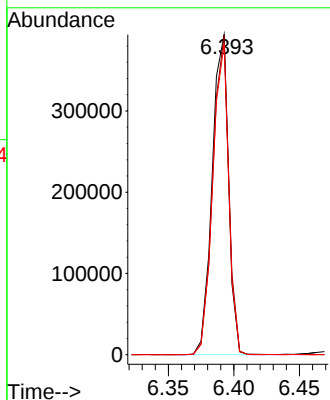
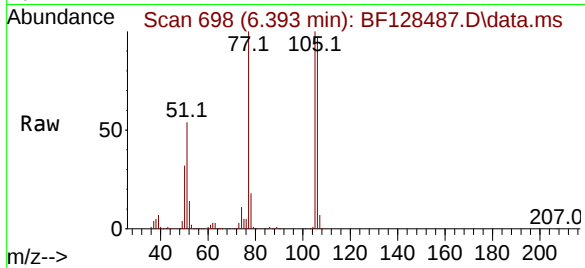




#9  
Benzaldehyde  
Concen: 47.242 ng  
RT: 6.393 min Scan# 698  
Delta R.T. -0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

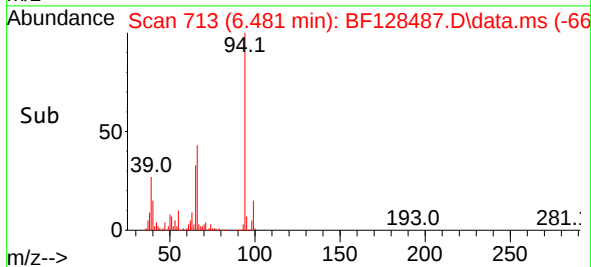
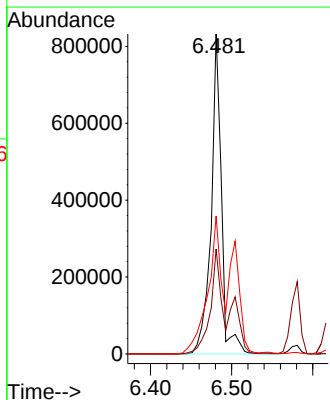
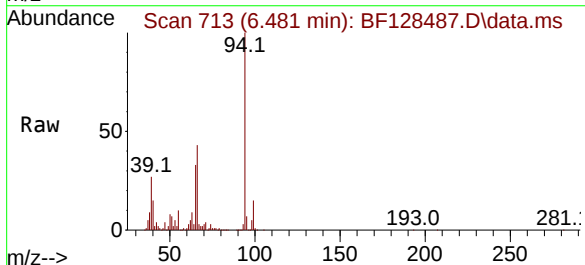
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

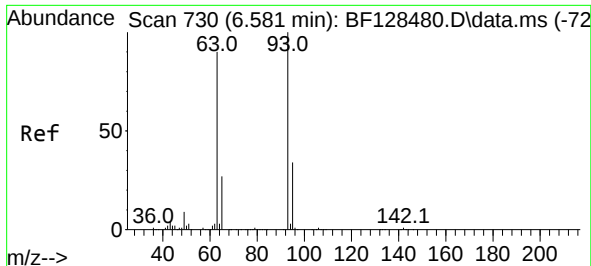
Tgt Ion: 77 Resp: 341930  
Ion Ratio Lower Upper  
77 100  
105 99.7 81.6 121.6  
106 97.1 76.1 116.1



#10  
Phenol  
Concen: 42.511 ng  
RT: 6.481 min Scan# 713  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 94 Resp: 729875  
Ion Ratio Lower Upper  
94 100  
65 32.8 11.4 51.4  
66 43.1 21.4 61.4

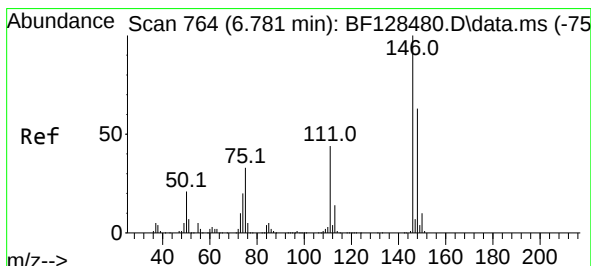
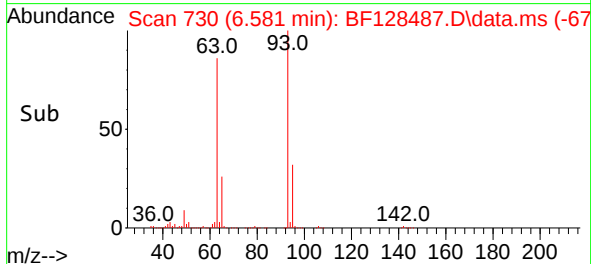
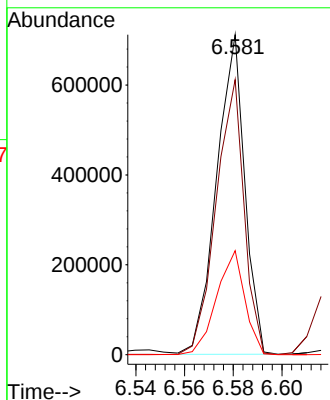
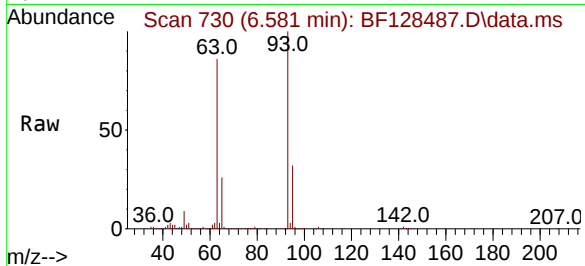




#11  
bis(2-Chloroethyl)ether  
Concen: 40.657 ng  
RT: 6.581 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

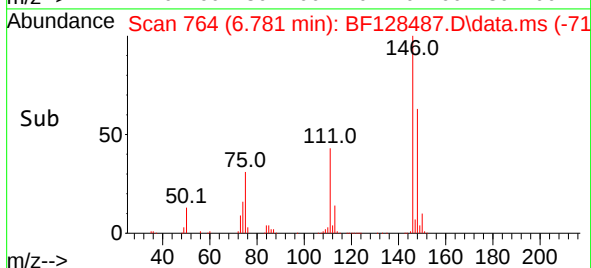
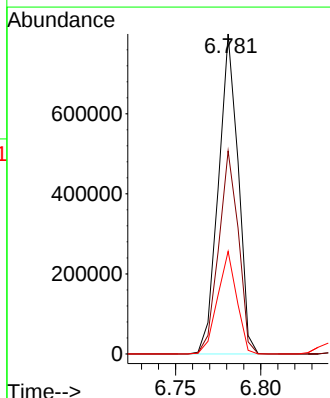
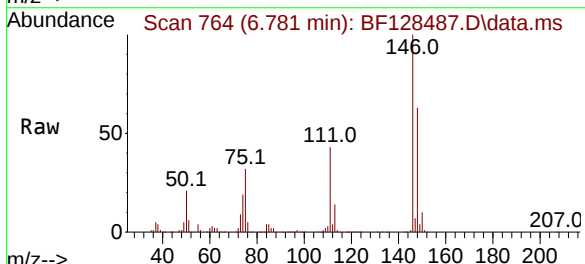
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

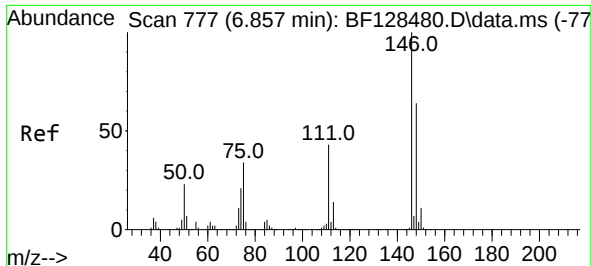
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 571425 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 85.9  | 67.4  | 107.4  |
| 95       | 32.5  | 12.7  | 52.7   |



#12  
1,3-Dichlorobenzene  
Concen: 40.156 ng  
RT: 6.781 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 642858 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.5  | 50.6  | 75.8   |
| 75       | 32.0  | 26.3  | 39.5   |





#13

1,4-Dichlorobenzene

Concen: 39.766 ng

RT: 6.857 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

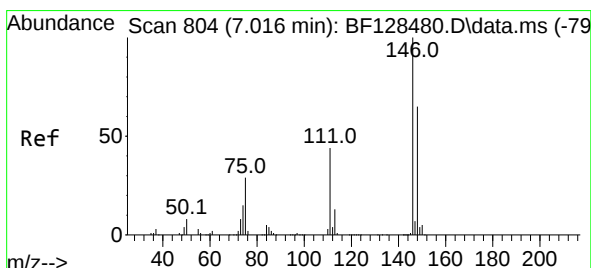
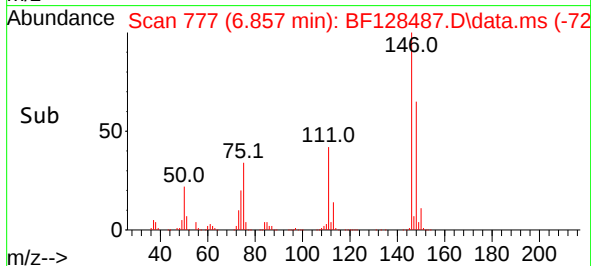
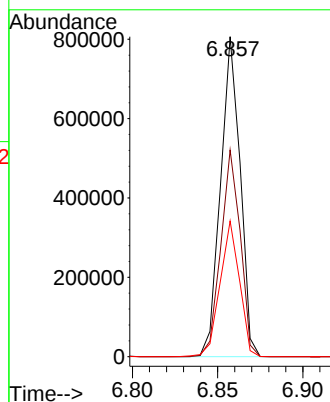
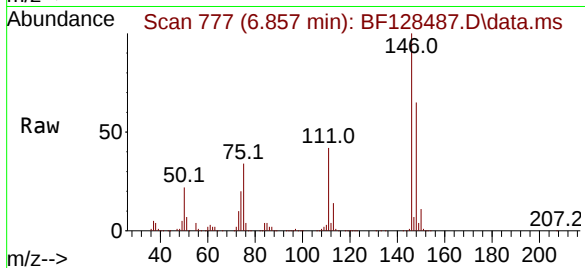
Tgt Ion:146 Resp: 643923

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 42.4 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 41.752 ng

RT: 7.010 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

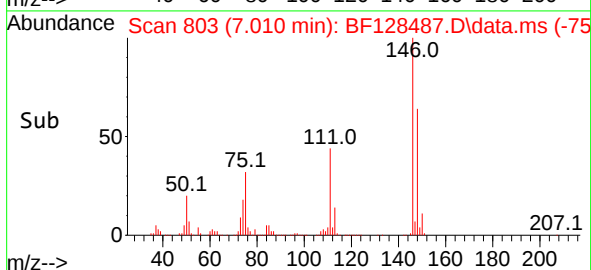
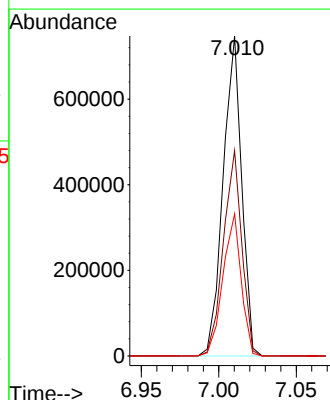
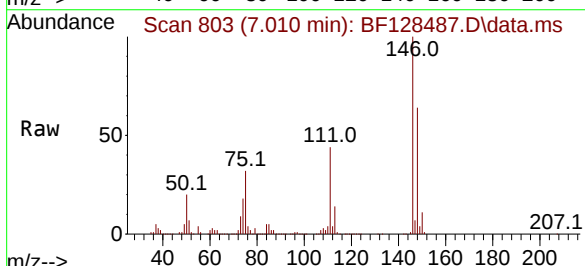
Tgt Ion:146 Resp: 622252

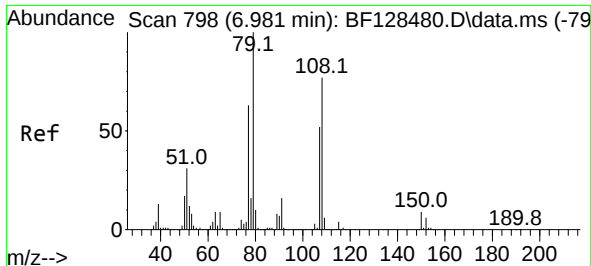
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

111 44.4 35.1 52.7





#15

Benzyl Alcohol

Concen: 38.233 ng

RT: 6.981 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

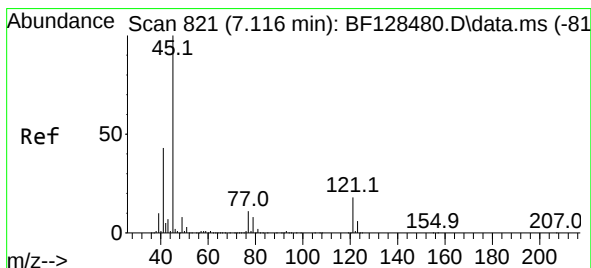
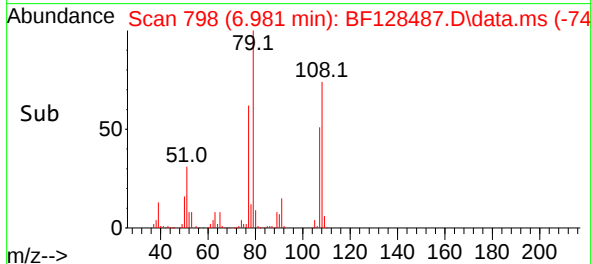
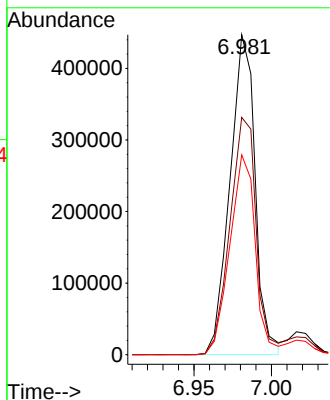
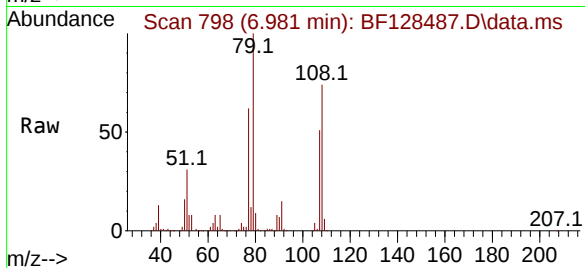
Tgt Ion: 79 Resp: 505239

Ion Ratio Lower Upper

79 100

108 74.1 61.8 92.6

77 62.4 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.462 ng

RT: 7.116 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

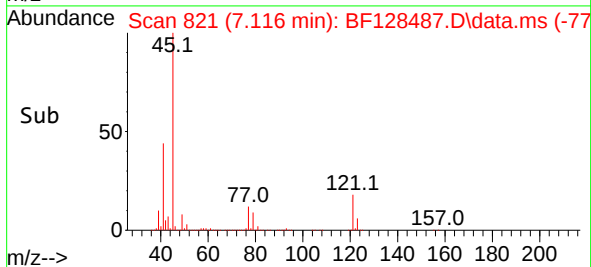
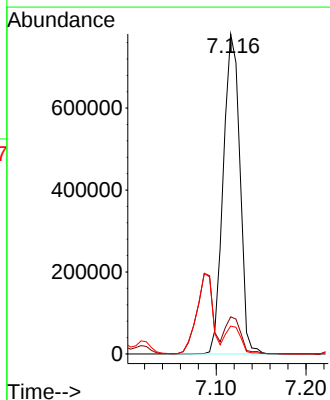
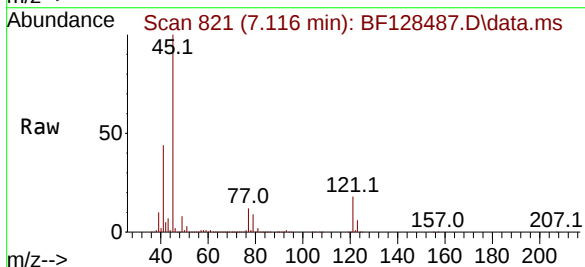
Tgt Ion: 45 Resp: 1006458

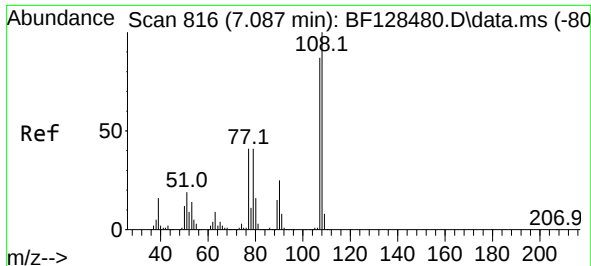
Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.3

79 8.7 0.0 28.3

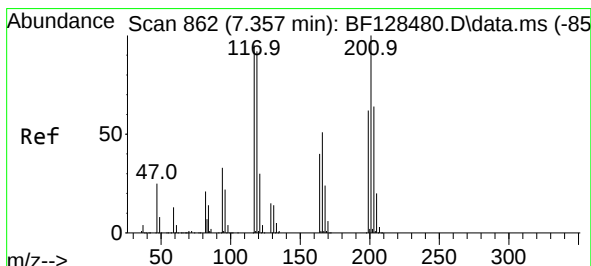
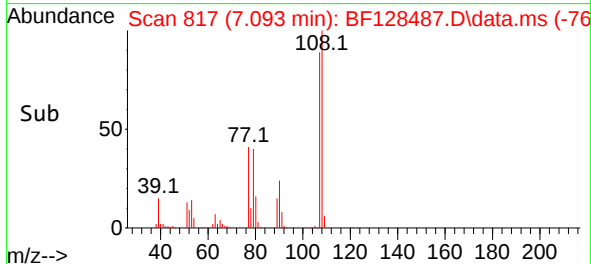
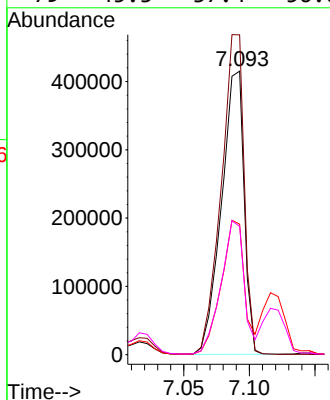
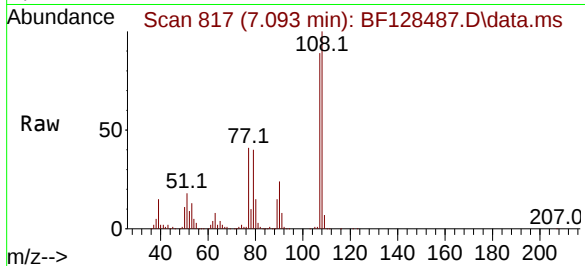




#17  
2-Methylphenol  
Concen: 41.566 ng  
RT: 7.093 min Scan# 816  
Delta R.T. 0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

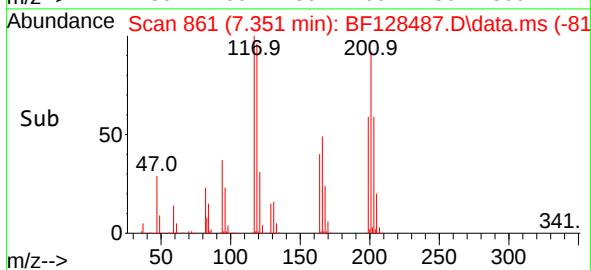
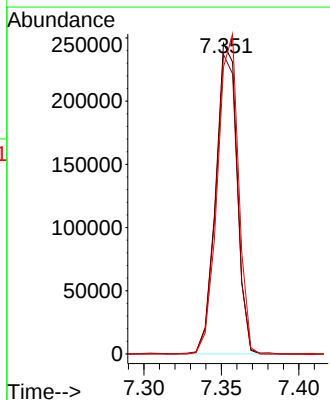
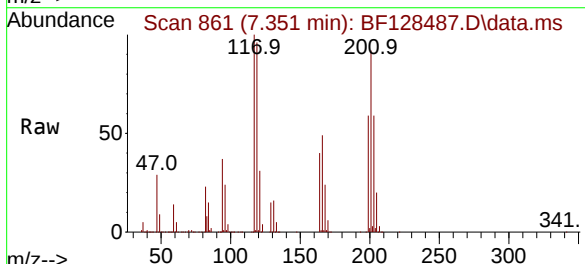
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

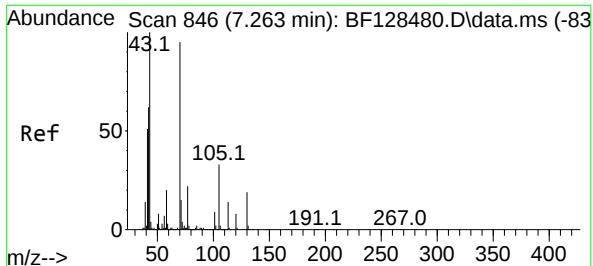
Tgt Ion:107 Resp: 498481  
Ion Ratio Lower Upper  
107 100  
108 112.8 91.9 137.9  
77 46.0 37.8 56.8  
79 45.3 37.4 56.0



#18  
Hexachloroethane  
Concen: 41.316 ng  
RT: 7.351 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:117 Resp: 235989  
Ion Ratio Lower Upper  
117 100  
119 96.4 77.4 116.2  
201 92.3 84.6 127.0

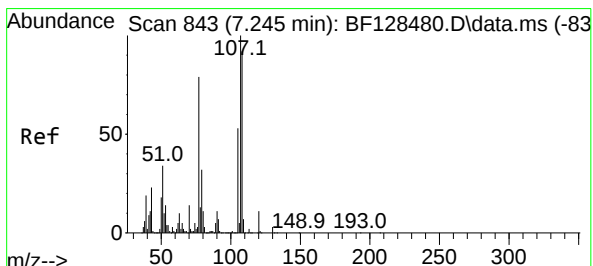
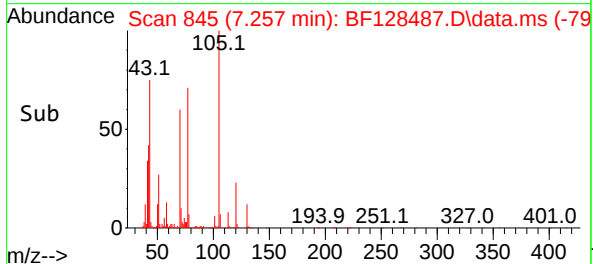
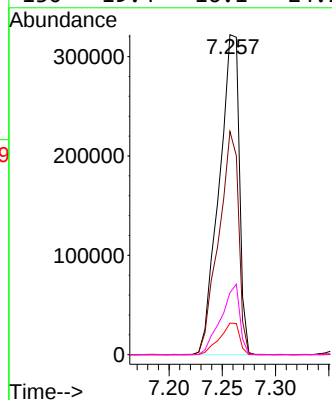
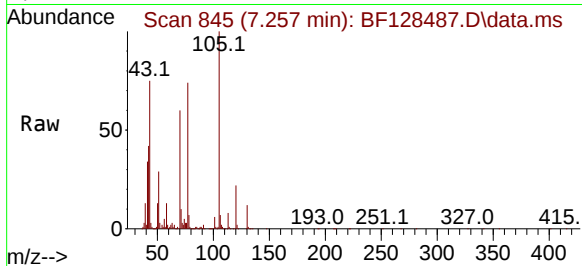




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.940 ng  
RT: 7.257 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

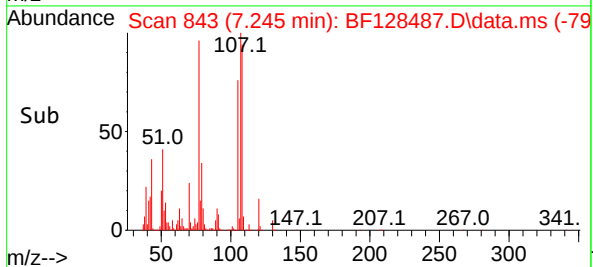
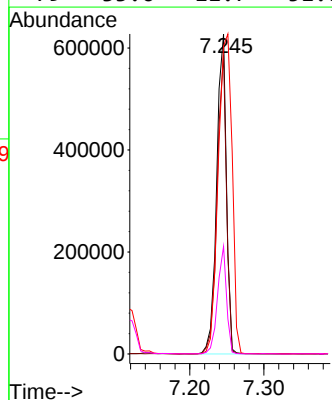
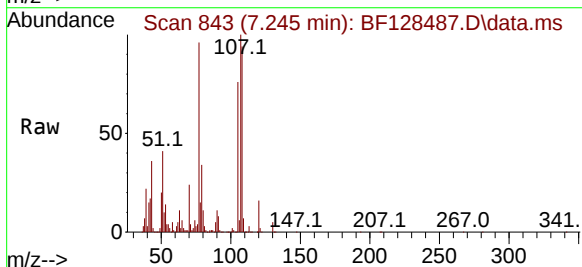
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

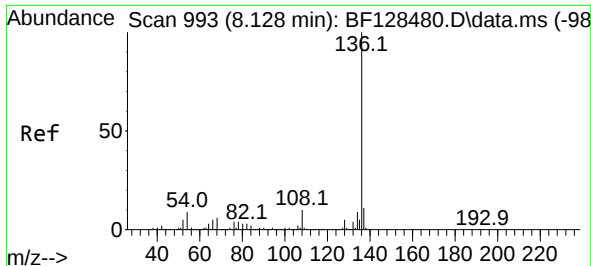
Tgt Ion: 70 Resp: 424302  
Ion Ratio Lower Upper  
70 100  
42 69.7 52.3 78.5  
101 9.9 7.5 11.3  
130 19.4 16.1 24.1



#20  
3+4-Methylphenols  
Concen: 39.394 ng  
RT: 7.245 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 107 Resp: 570738  
Ion Ratio Lower Upper  
107 100  
108 93.6 71.8 111.8  
77 96.3 59.3 99.3  
79 33.6 11.7 51.7

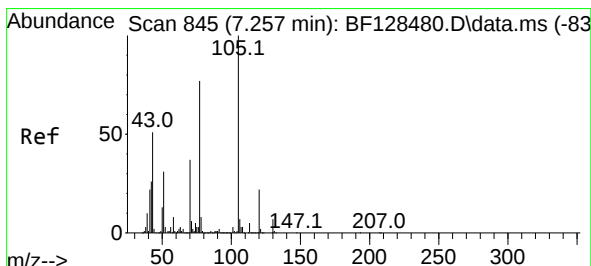
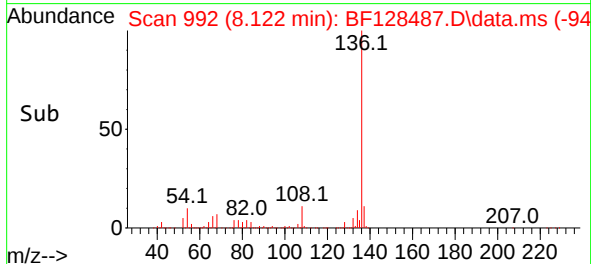
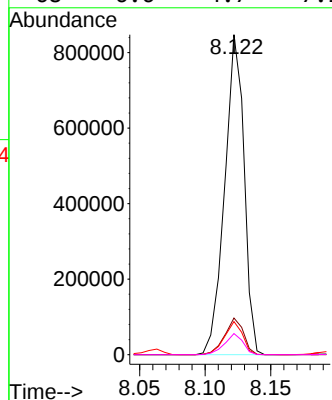
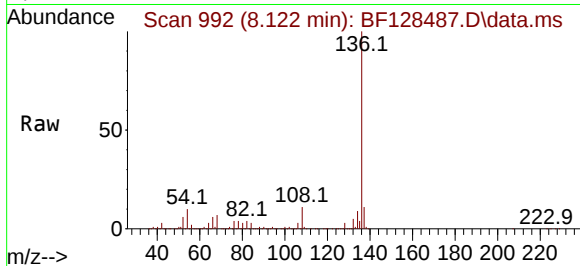




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

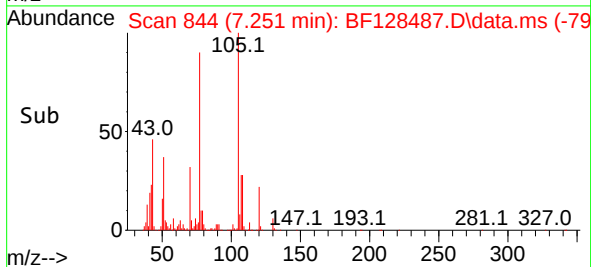
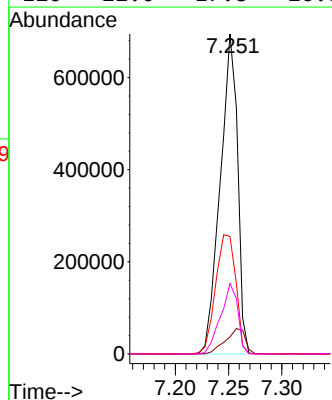
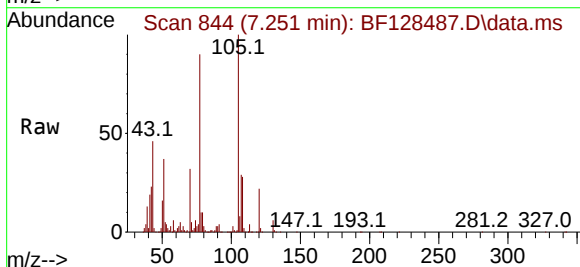
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

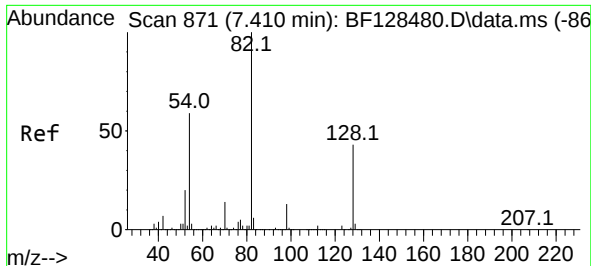
Tgt Ion:136 Resp: 869517  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 10.3 7.5 11.3  
68 6.6 4.7 7.1



#22  
Acetophenone  
Concen: 39.139 ng  
RT: 7.251 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:105 Resp: 784718  
Ion Ratio Lower Upper  
105 100  
71 5.3 5.0 7.4  
51 36.8 25.0 37.4  
120 22.0 17.8 26.8

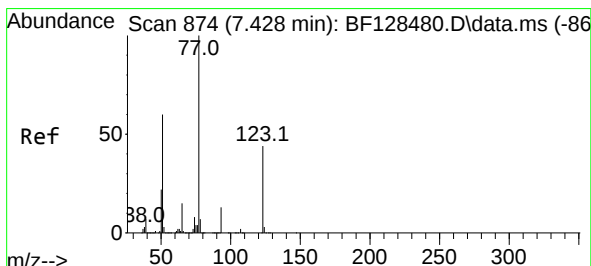
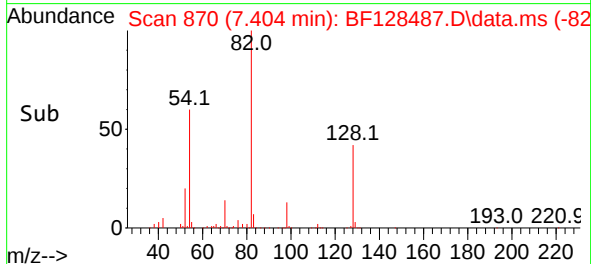
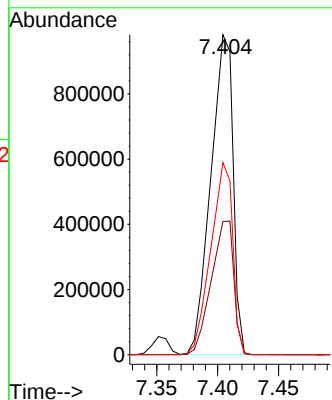
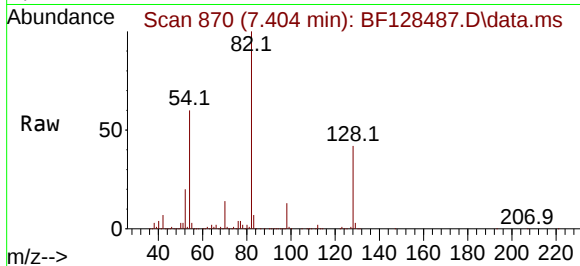




#23  
Nitrobenzene-d5  
Concen: 82.812 ng  
RT: 7.404 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

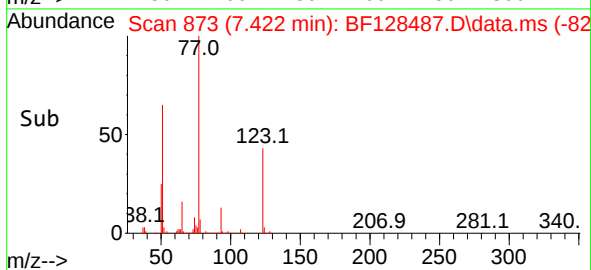
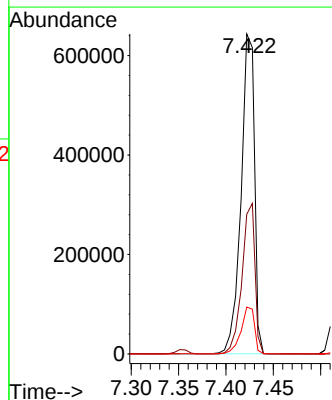
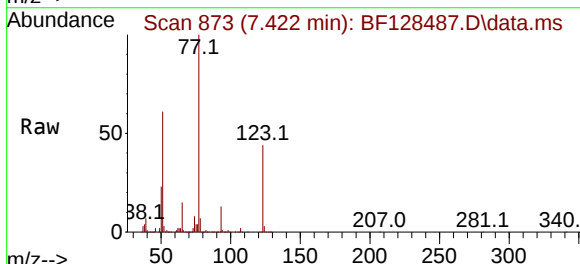
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

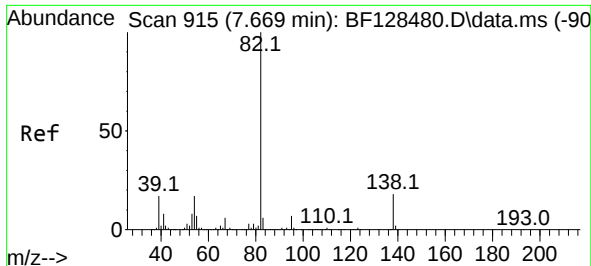
Tgt Ion: 82 Resp: 1248204  
Ion Ratio Lower Upper  
82 100  
128 41.6 34.0 51.0  
54 60.0 46.9 70.3



#24  
Nitrobenzene  
Concen: 42.491 ng  
RT: 7.422 min Scan# 873  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 77 Resp: 633171  
Ion Ratio Lower Upper  
77 100  
123 43.6 35.4 53.2  
65 14.7 11.8 17.8

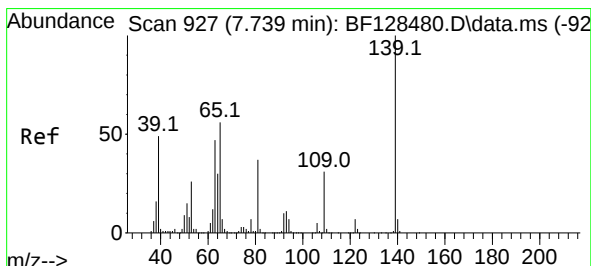
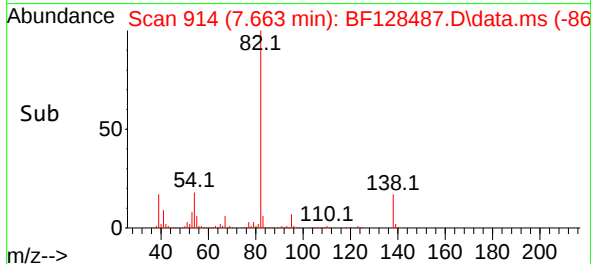
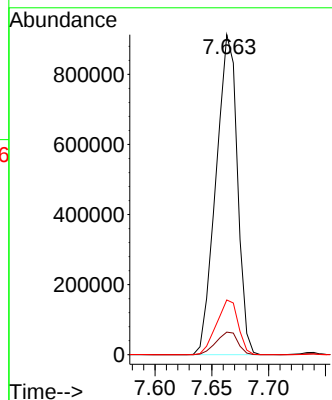
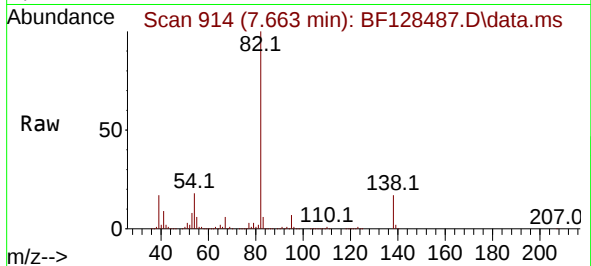




#25  
Isophorone  
Concen: 43.172 ng  
RT: 7.663 min Scan# 915  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

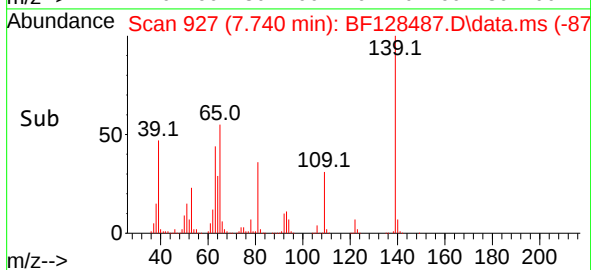
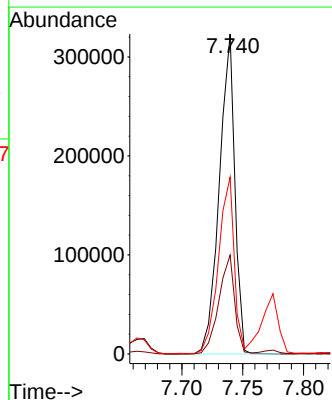
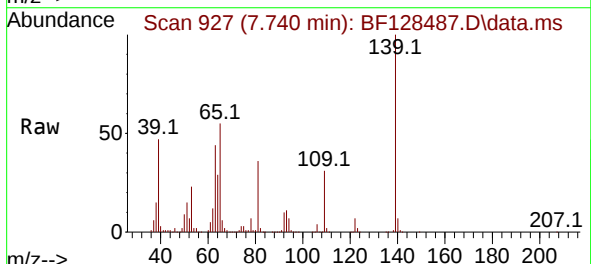
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

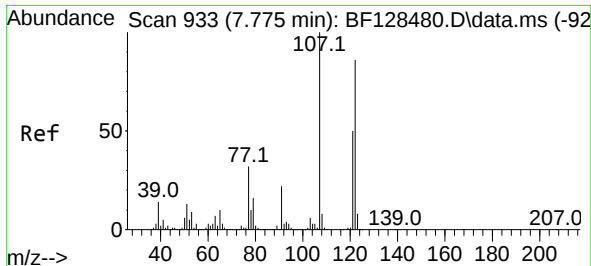
Tgt Ion: 82 Resp: 1200406  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.7 8.5  
138 17.1 14.2 21.2



#26  
2-Nitrophenol  
Concen: 45.992 ng  
RT: 7.740 min Scan# 927  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:139 Resp: 286436  
Ion Ratio Lower Upper  
139 100  
109 30.9 25.0 37.4  
65 55.2 45.1 67.7

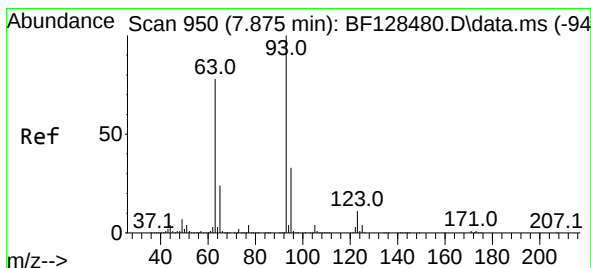
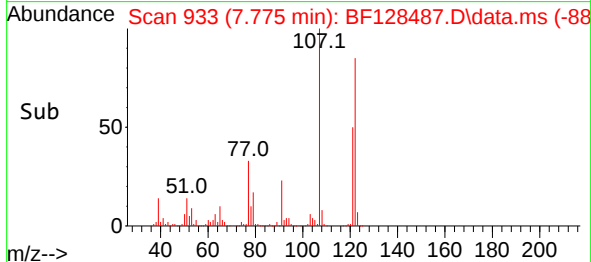
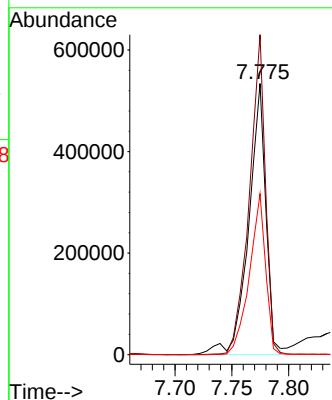
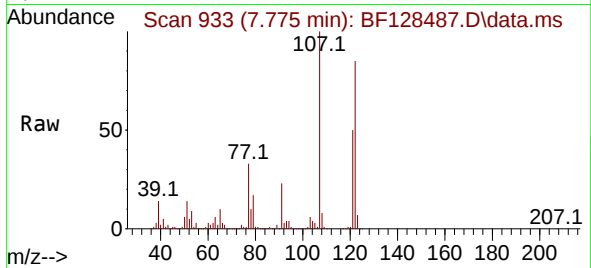




#27  
2,4-Dimethylphenol  
Concen: 45.293 ng  
RT: 7.775 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

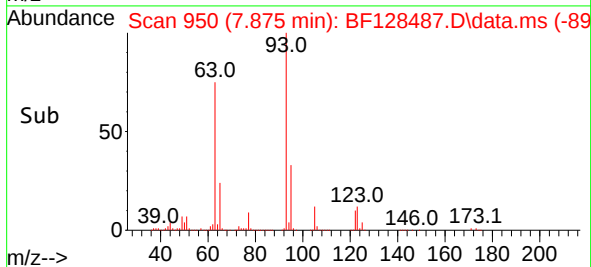
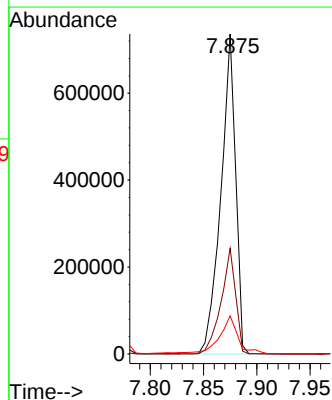
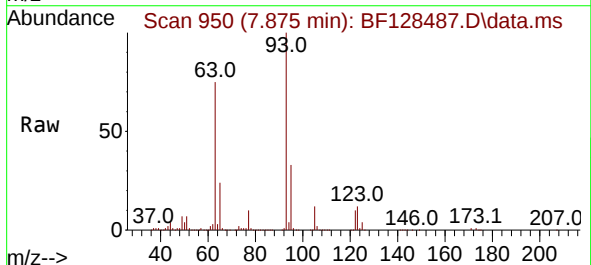
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

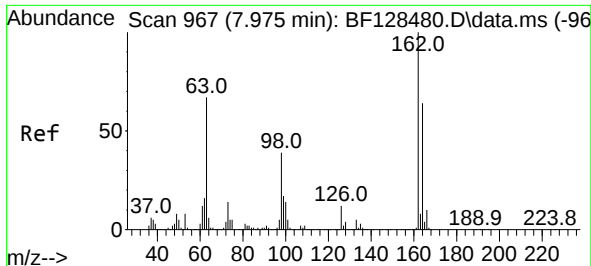
Tgt Ion:122 Resp: 560688  
Ion Ratio Lower Upper  
122 100  
107 118.0 93.0 139.6  
121 59.3 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.218 ng  
RT: 7.875 min Scan# 950  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 93 Resp: 707712  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.8 40.2  
123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.970 ng

RT: 7.975 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

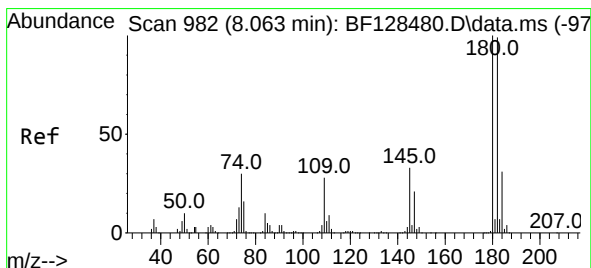
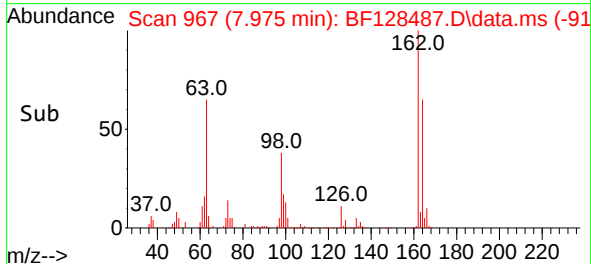
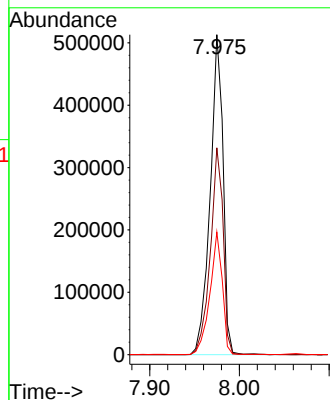
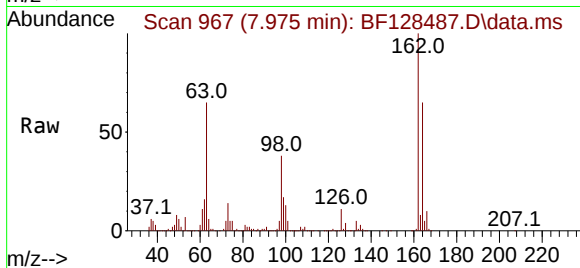
Tgt Ion:162 Resp: 512062

Ion Ratio Lower Upper

162 100

164 64.7 44.2 84.2

98 38.3 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 39.526 ng

RT: 8.063 min Scan# 982

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

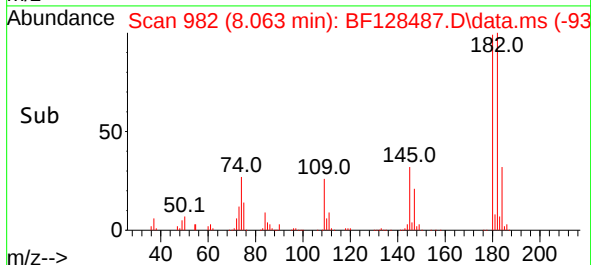
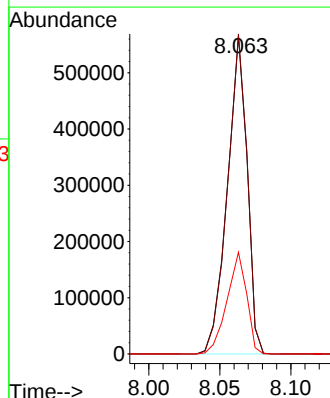
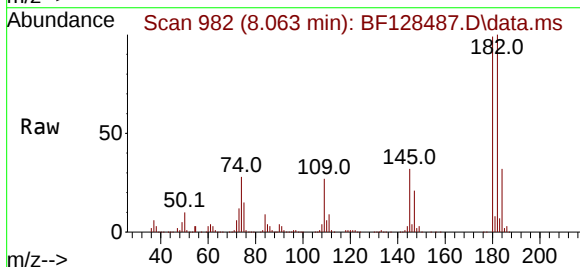
Tgt Ion:180 Resp: 548506

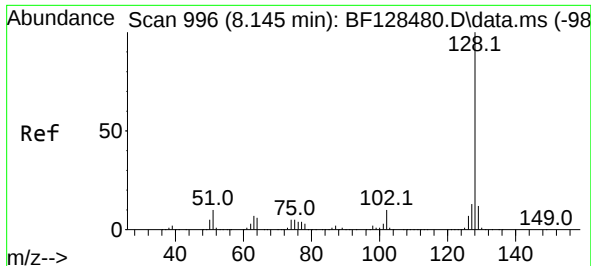
Ion Ratio Lower Upper

180 100

182 100.6 79.2 118.8

145 32.0 26.2 39.2

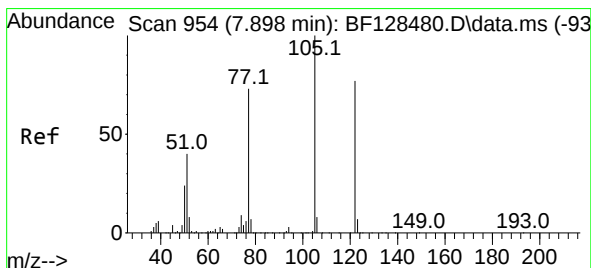
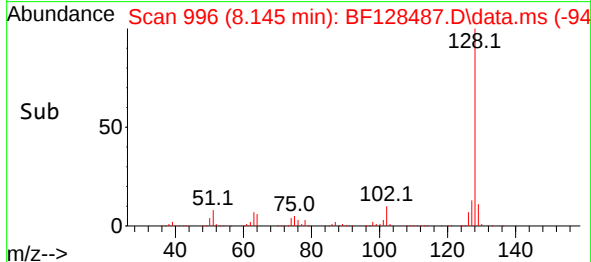
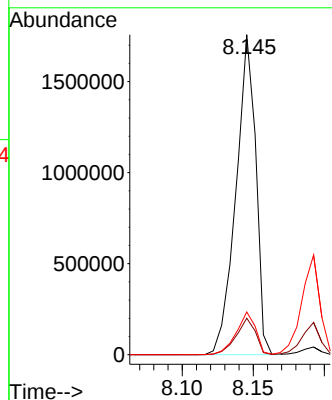
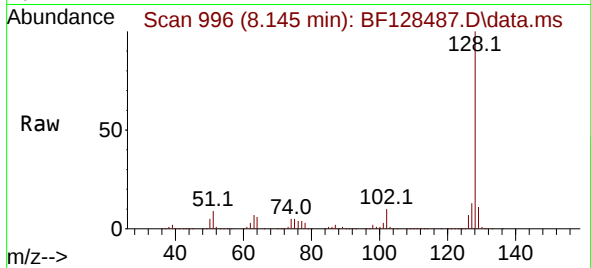




#31  
Naphthalene  
Concen: 40.085 ng  
RT: 8.145 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

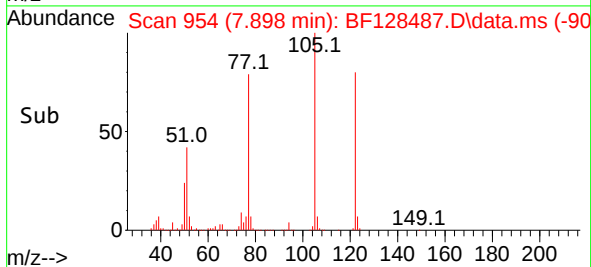
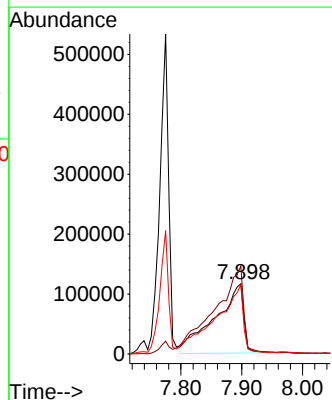
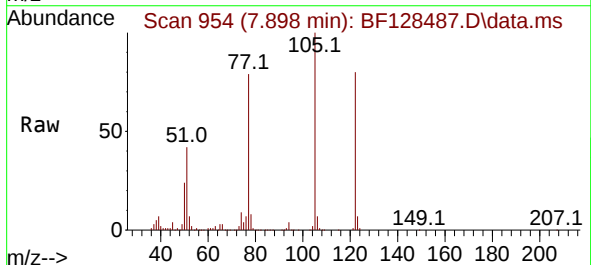
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

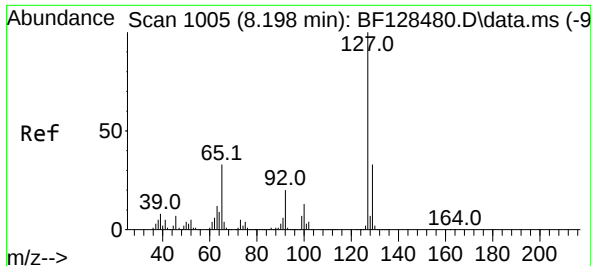
Tgt Ion:128 Resp: 1705913  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.3 10.5 15.7



#32  
Benzoic acid  
Concen: 43.532 ng  
RT: 7.898 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:122 Resp: 380937  
Ion Ratio Lower Upper  
122 100  
105 125.2 107.1 147.1  
77 98.8 74.2 114.2

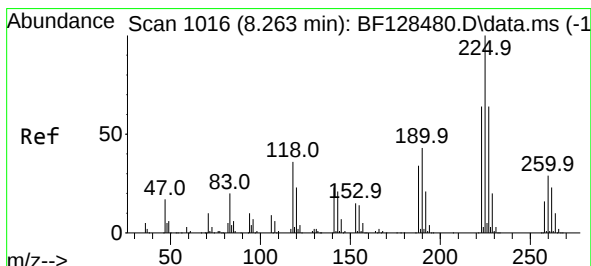
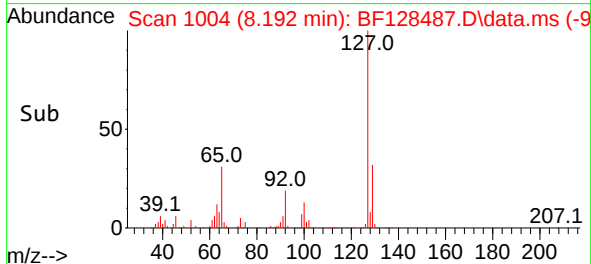
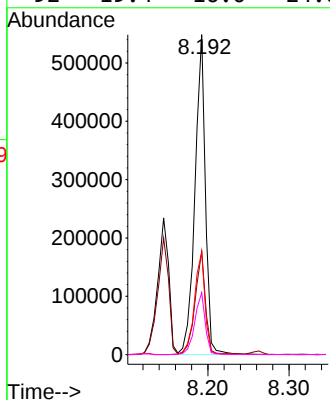
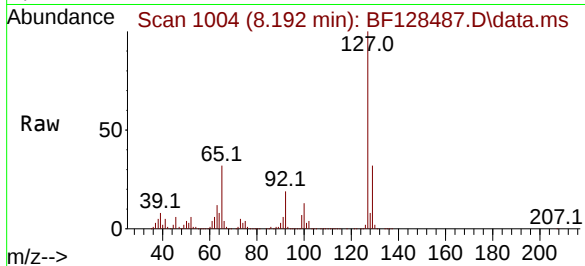




#33  
4-Chloroaniline  
Concen: 29.104 ng  
RT: 8.192 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

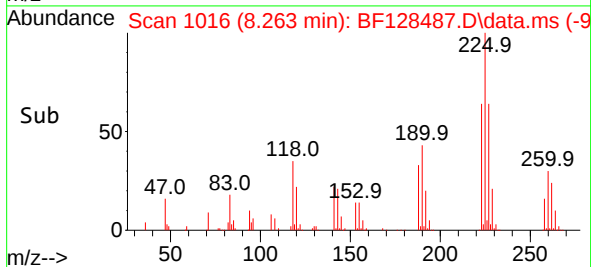
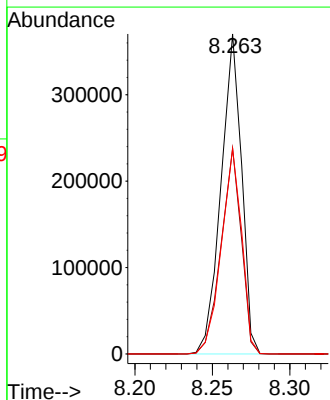
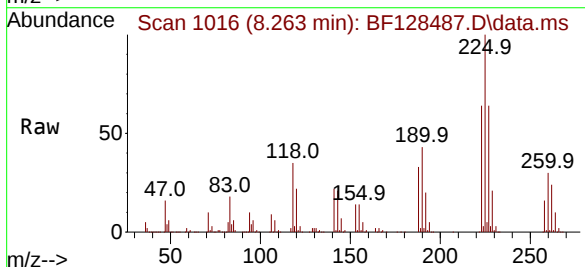
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

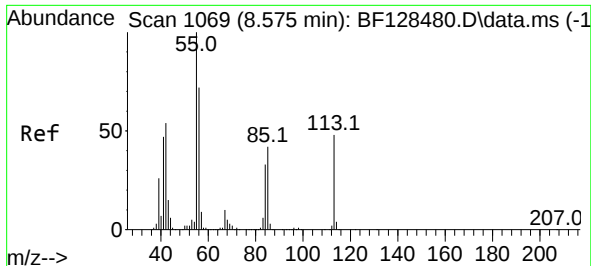
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 493157 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.3    | 26.4 39.6    |
| 65 32.1     | 26.4 39.6    |
| 92 19.4     | 16.0 24.0    |



#34  
Hexachlorobutadiene  
Concen: 38.980 ng  
RT: 8.263 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:225 | Resp: 341532 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 225 100     |              |       |  |
| 223 64.3    | 51.0         | 76.6  |  |
| 227 64.1    | 51.1         | 76.7  |  |

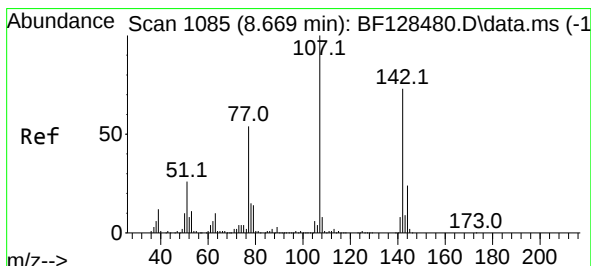
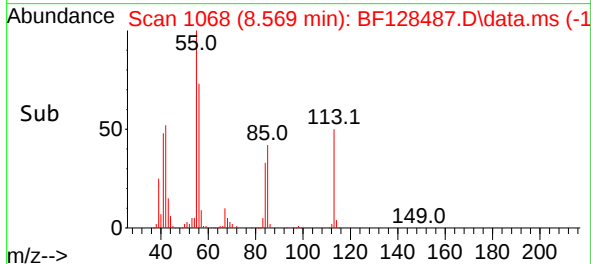
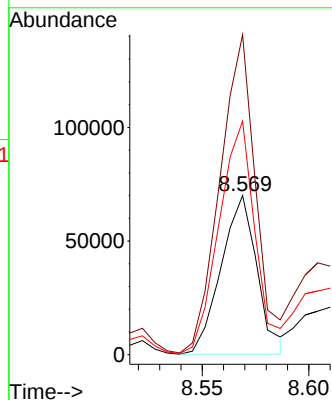
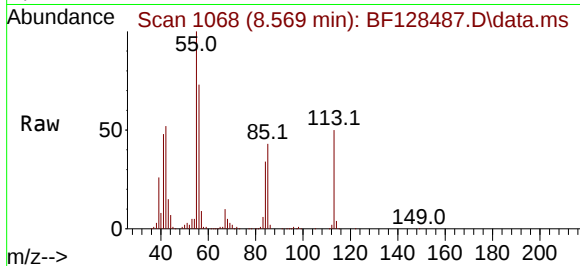




#35  
 Caprolactam  
 Concen: 20.733 ng  
 RT: 8.569 min Scan# 1069  
 Delta R.T. -0.006 min  
 Lab File: BF128487.D  
 Acq: 26 May 2022 22:25

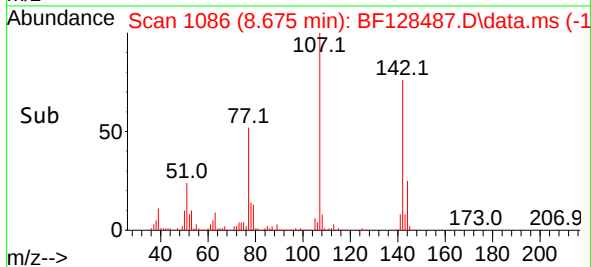
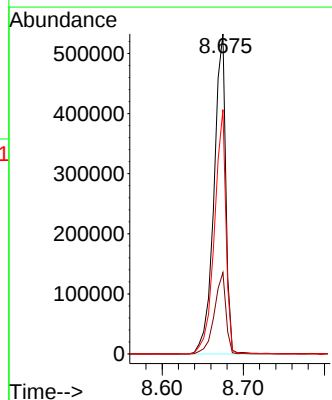
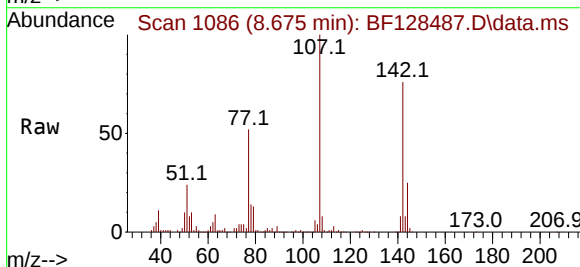
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145086BS

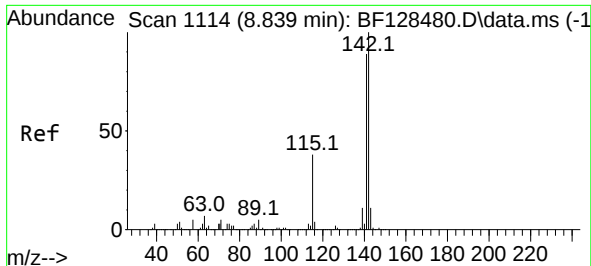
Tgt Ion:113 Resp: 81904  
 Ion Ratio Lower Upper  
 113 100  
 55 200.9 188.5 228.5  
 56 146.7 130.6 170.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.892 ng  
 RT: 8.675 min Scan# 1086  
 Delta R.T. 0.006 min  
 Lab File: BF128487.D  
 Acq: 26 May 2022 22:25

Tgt Ion:107 Resp: 538185  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 19.5 29.3  
 142 76.3 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.942 ng

RT: 8.834 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

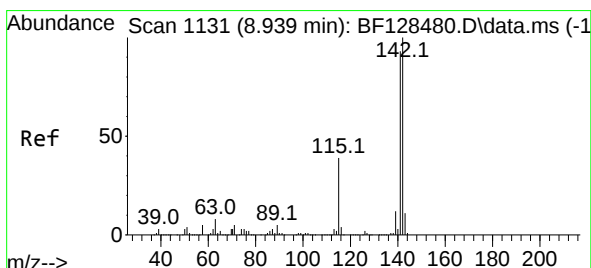
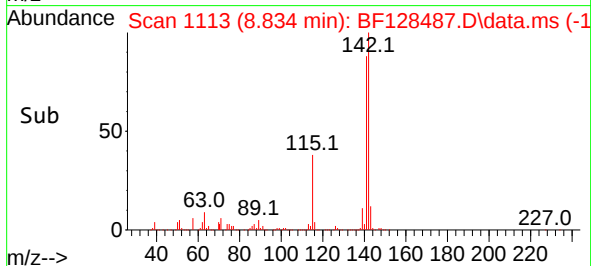
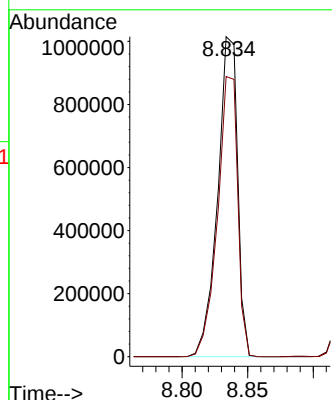
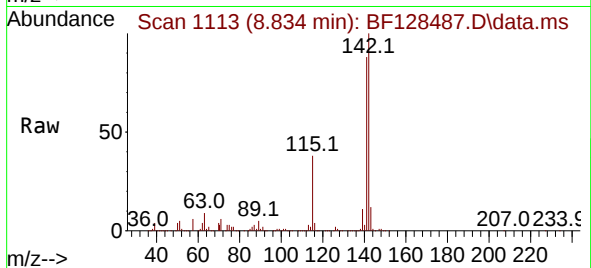
PB145086BS

Tgt Ion:142 Resp: 1072926

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 40.197 ng

RT: 8.934 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF128487.D

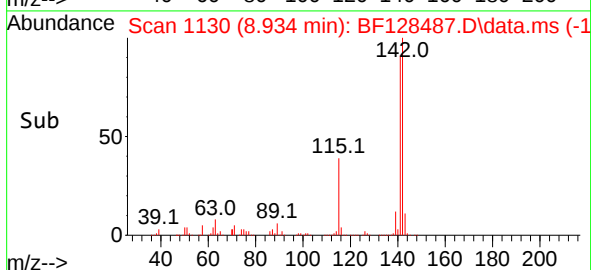
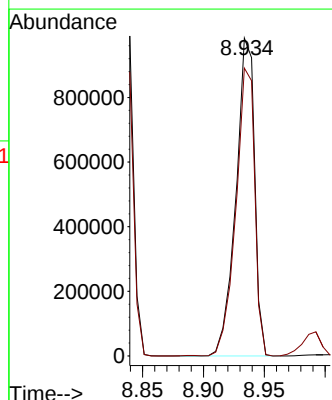
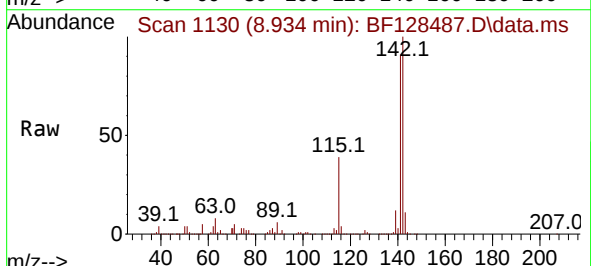
Acq: 26 May 2022 22:25

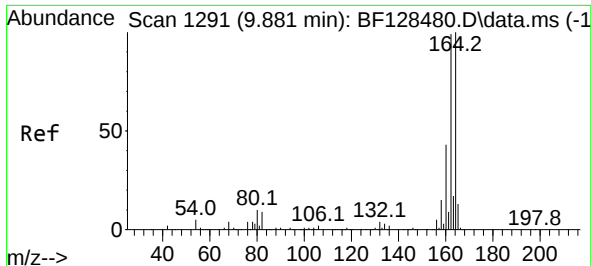
Tgt Ion:142 Resp: 1050191

Ion Ratio Lower Upper

142 100

141 90.5 74.2 111.4

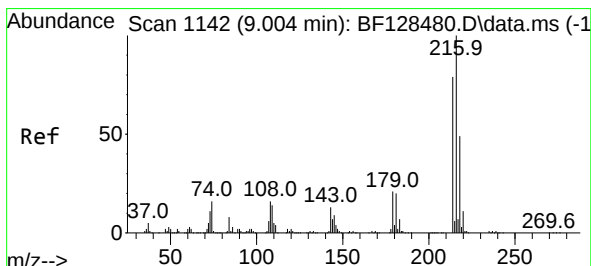
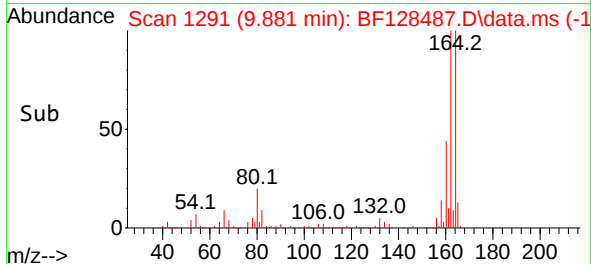
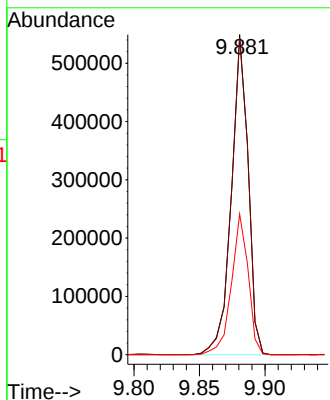
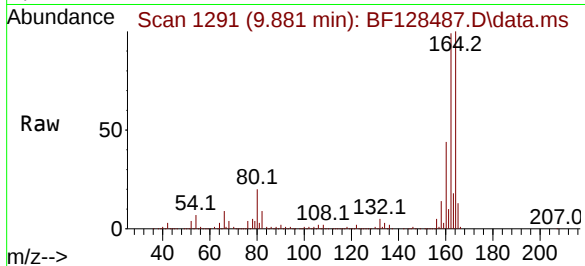




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.881 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

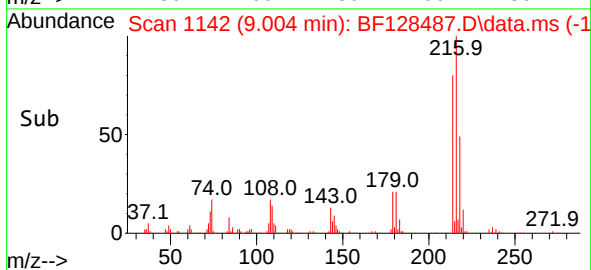
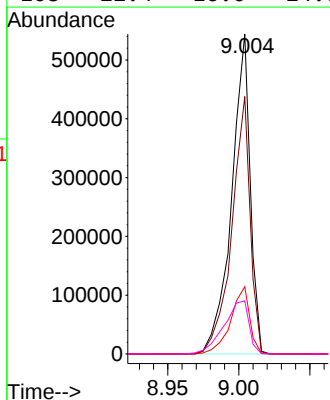
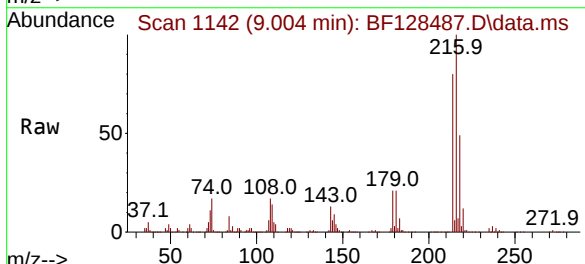
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BNA\_F  
ClientSampleId :  
PB145086BS

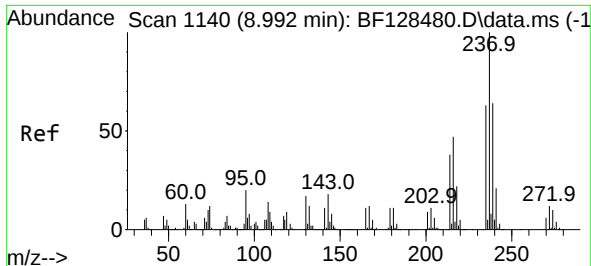
Tgt Ion:164 Resp: 489867  
Ion Ratio Lower Upper  
164 100  
162 98.9 79.5 119.3  
160 44.0 34.2 51.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.786 ng  
RT: 9.004 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:216 Resp: 494845  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.6 95.4  
179 21.5 17.0 25.6  
108 22.4 16.0 24.0

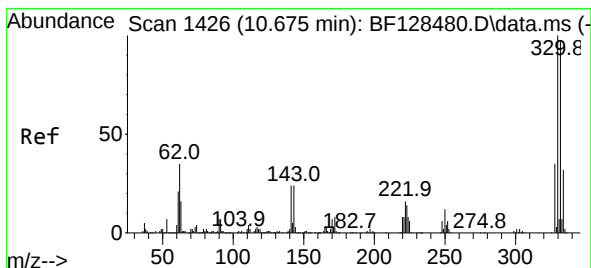
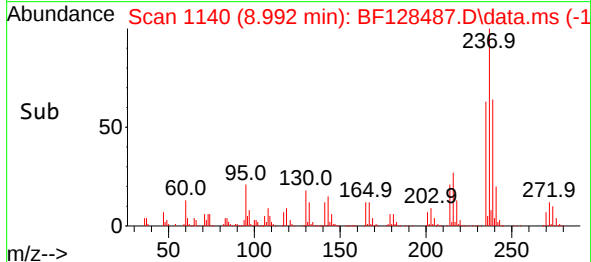
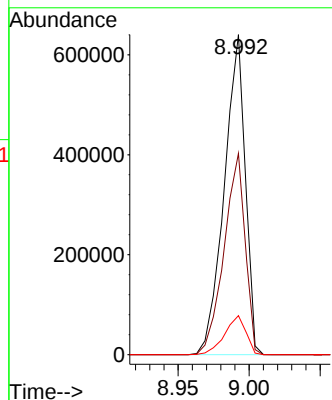
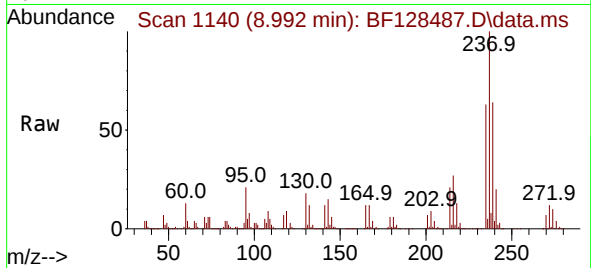




#41  
Hexachlorocyclopentadiene  
Concen: 87.021 ng  
RT: 8.992 min Scan# 1140  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

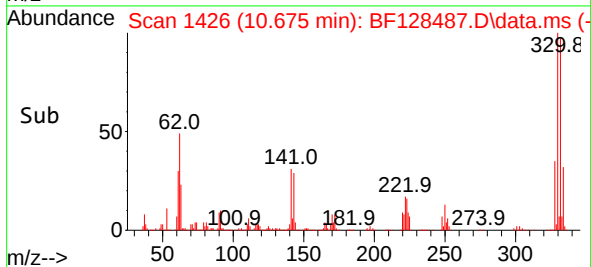
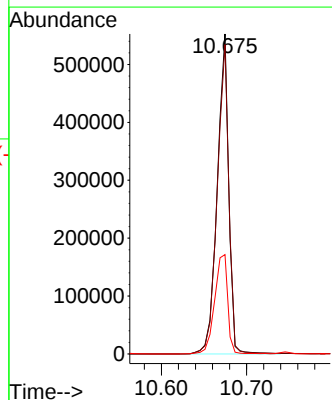
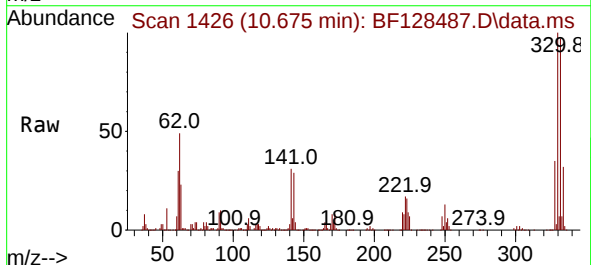
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BNA\_F  
ClientSampleId :  
PB145086BS

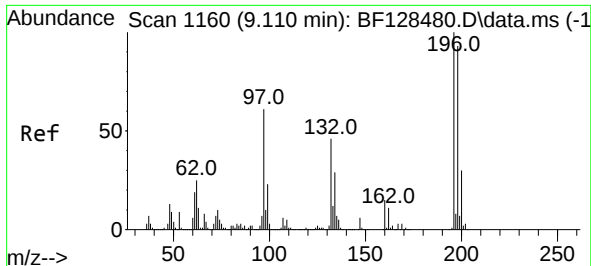
Tgt Ion: 237 Resp: 658025  
Ion Ratio Lower Upper  
237 100  
235 62.9 43.2 83.2  
272 12.2 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 111.127 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 330 Resp: 518152  
Ion Ratio Lower Upper  
330 100  
332 98.1 76.8 115.2  
141 35.5 28.0 42.0

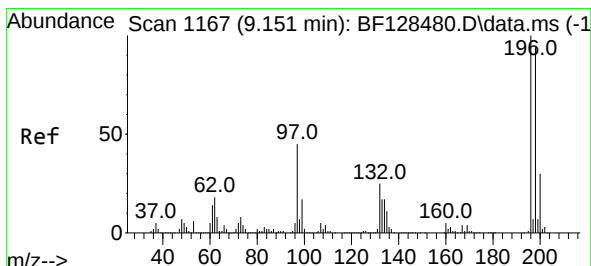
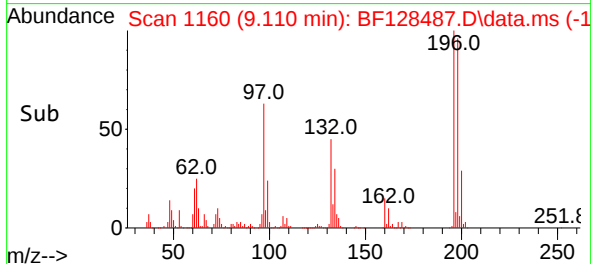
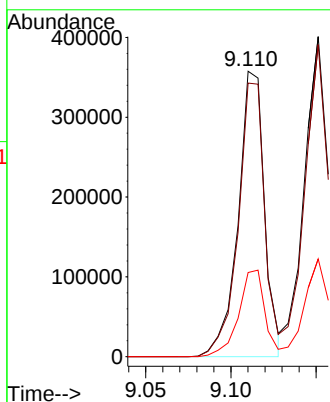
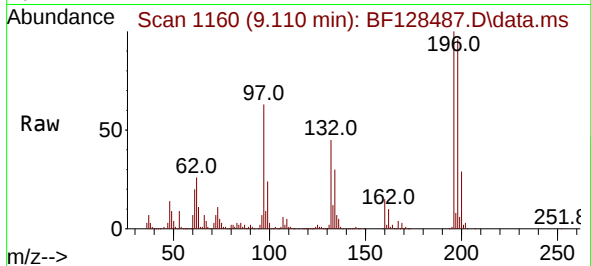




#43  
2,4,6-Trichlorophenol  
Concen: 38.830 ng  
RT: 9.110 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

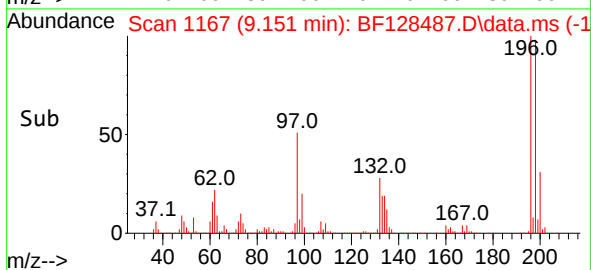
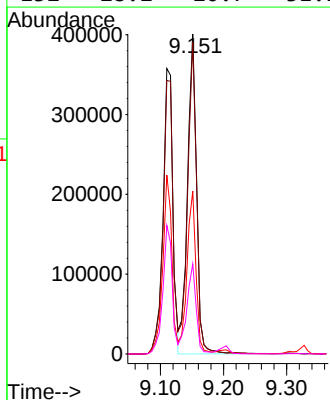
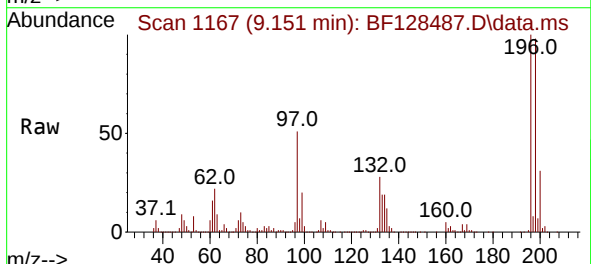
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

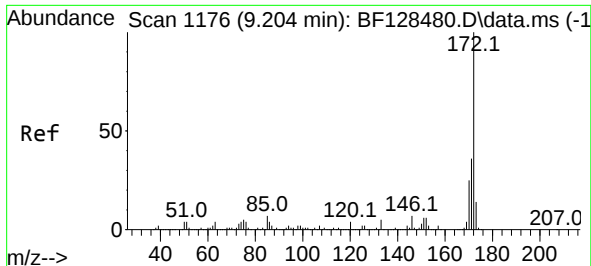
Tgt Ion:196 Resp: 385192  
Ion Ratio Lower Upper  
196 100  
198 95.8 74.0 111.0  
200 29.5 24.1 36.1



#44  
2,4,5-Trichlorophenol  
Concen: 39.682 ng  
RT: 9.151 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:196 Resp: 405599  
Ion Ratio Lower Upper  
196 100  
198 97.5 75.7 113.5  
97 50.9 36.4 54.6  
132 28.2 20.7 31.1

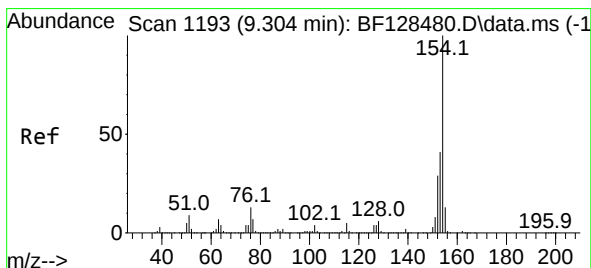
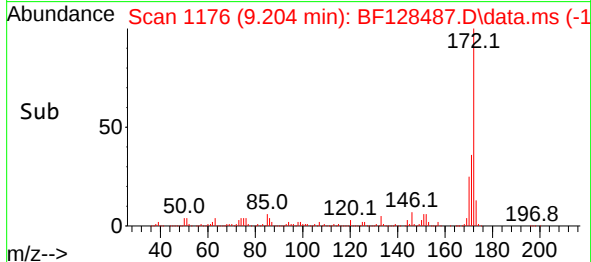
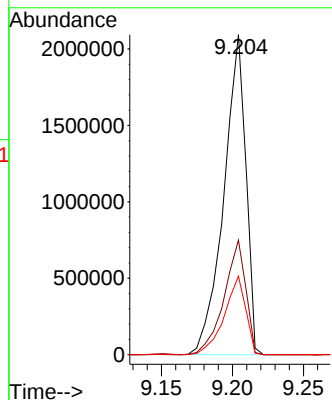
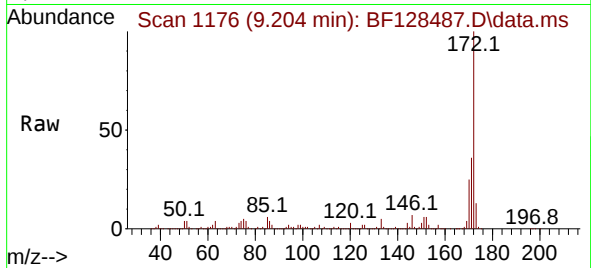




#45  
2-Fluorobiphenyl  
Concen: 74.800 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

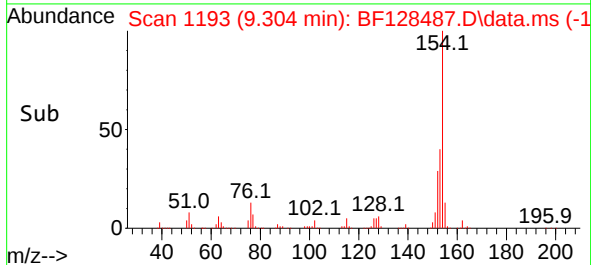
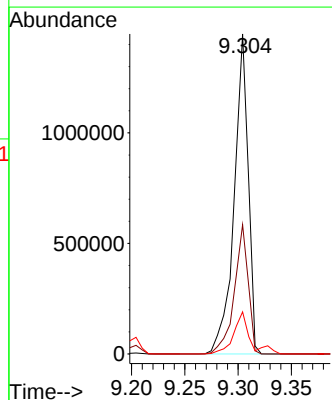
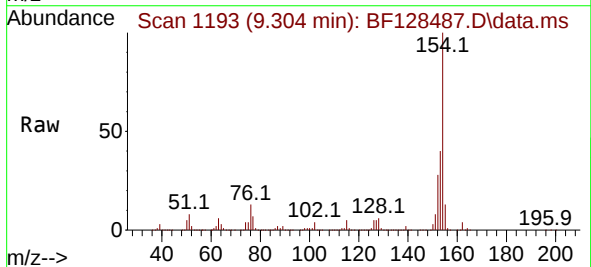
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

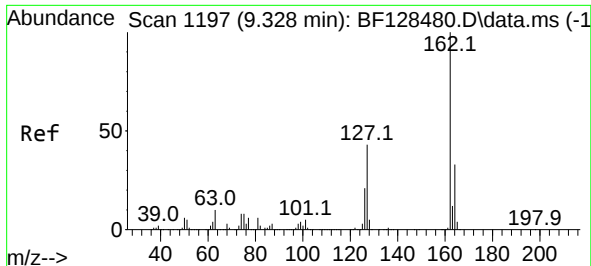
Tgt Ion:172 Resp: 2255378  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 24.5 19.8 29.8



#46  
1,1'-Biphenyl  
Concen: 38.700 ng  
RT: 9.304 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:154 Resp: 1331184  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.6 60.6  
76 13.2 0.0 33.3

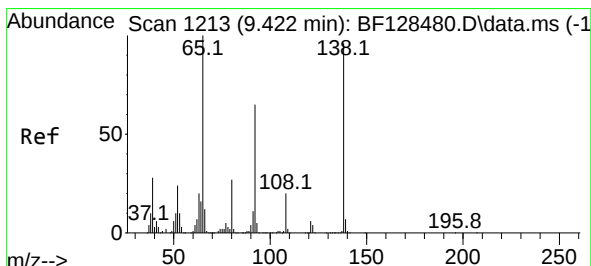
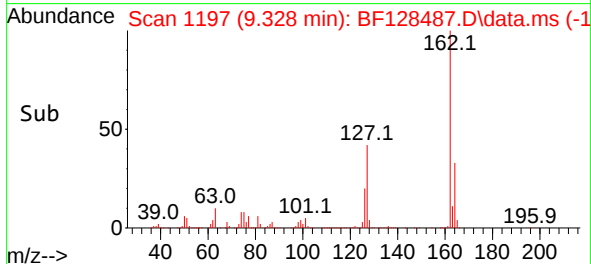
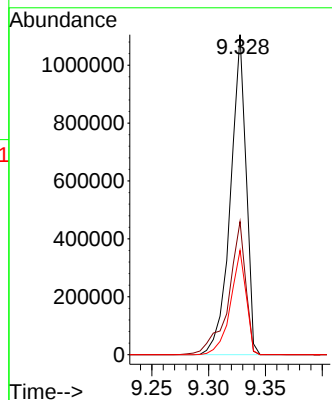
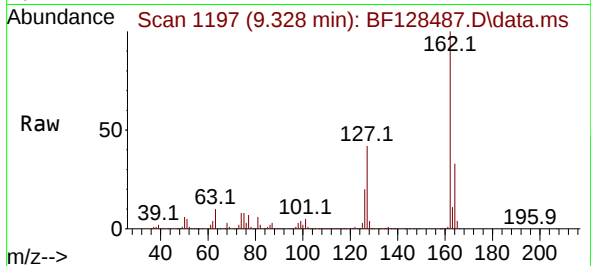




#47  
2-Chloronaphthalene  
Concen: 39.113 ng  
RT: 9.328 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

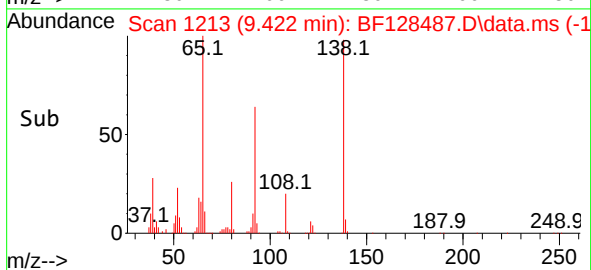
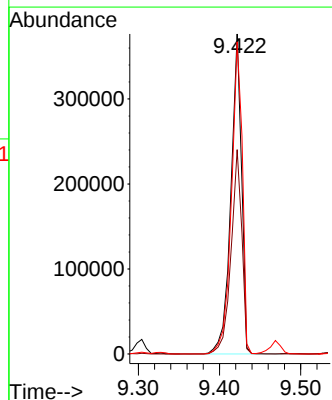
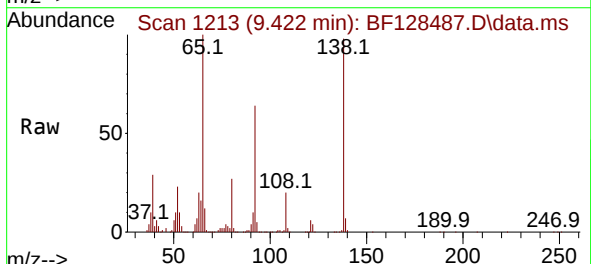
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

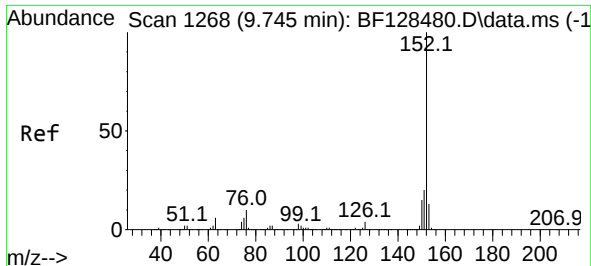
Tgt Ion:162 Resp: 1056140  
Ion Ratio Lower Upper  
162 100  
127 41.6 34.5 51.7  
164 32.6 26.5 39.7



#48  
2-Nitroaniline  
Concen: 45.810 ng  
RT: 9.422 min Scan# 1213  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 65 Resp: 343967  
Ion Ratio Lower Upper  
65 100  
92 63.8 51.9 77.9  
138 97.6 76.4 114.6

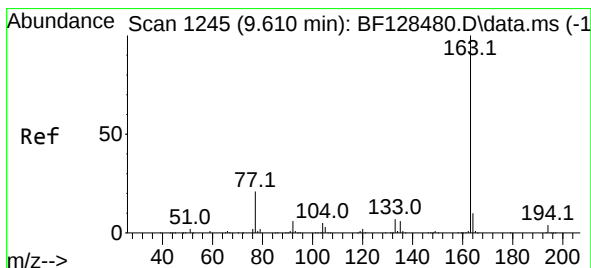
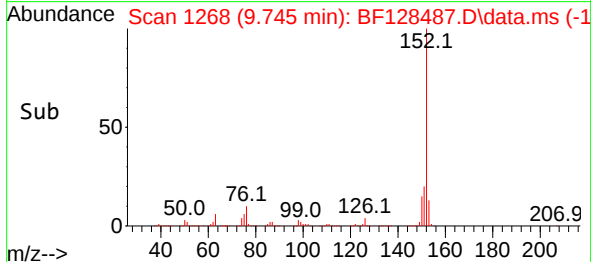
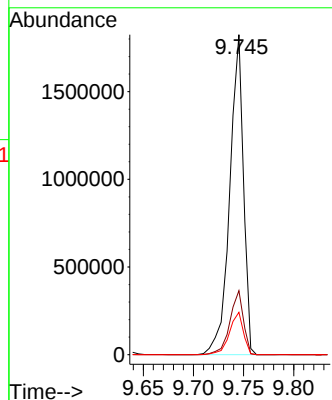
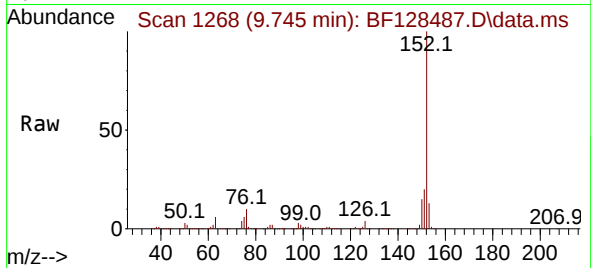




#49  
Acenaphthylene  
Concen: 41.726 ng  
RT: 9.745 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

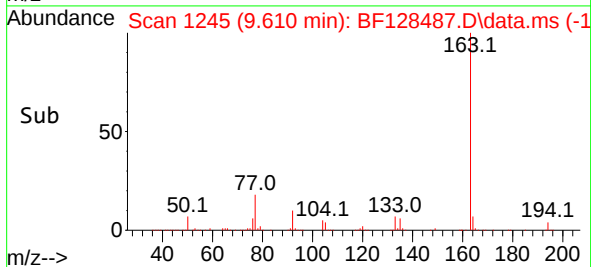
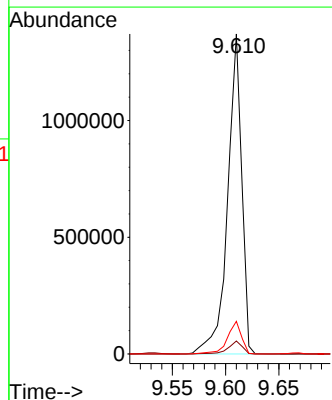
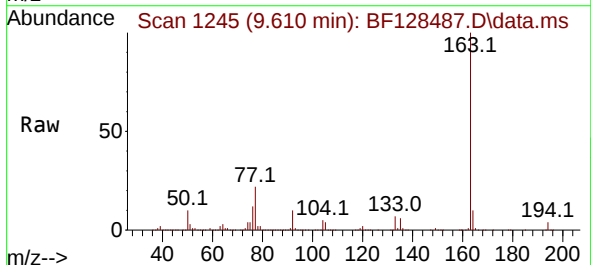
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

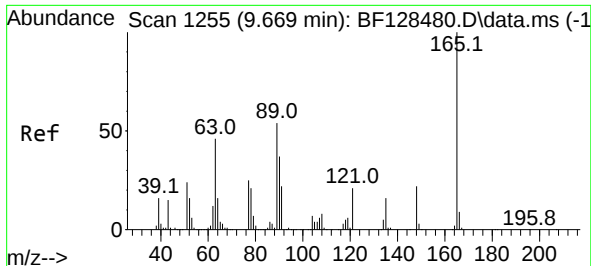
Tgt Ion:152 Resp: 1730831  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.4  
153 13.2 10.7 16.1



#50  
Dimethylphthalate  
Concen: 39.582 ng  
RT: 9.610 min Scan# 1245  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:163 Resp: 1257737  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.840 ng

RT: 9.669 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

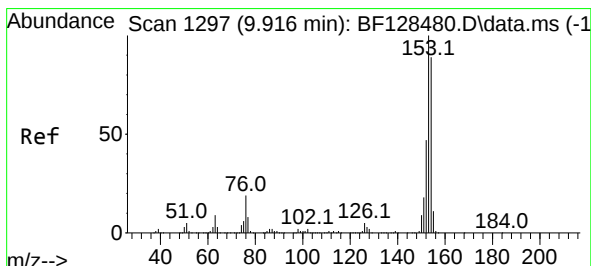
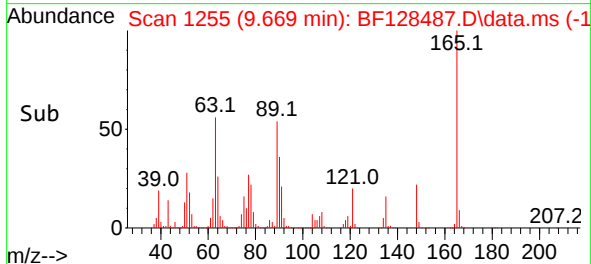
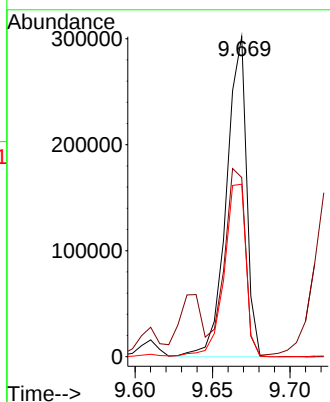
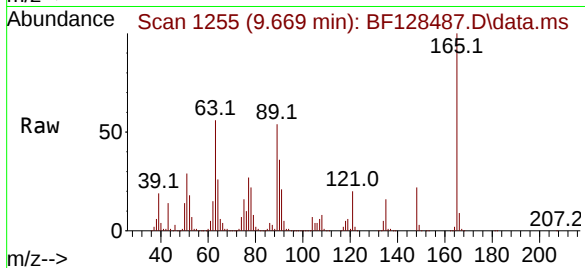
Tgt Ion:165 Resp: 272779

Ion Ratio Lower Upper

165 100

63 56.0 44.9 67.3

89 53.9 43.6 65.4



#52

Acenaphthene

Concen: 42.700 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

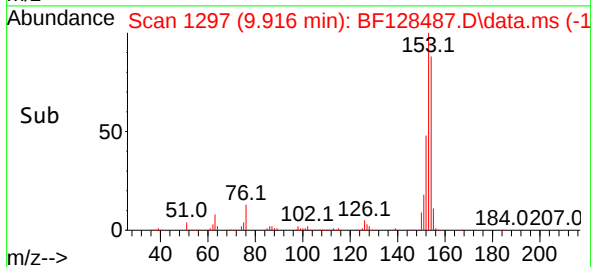
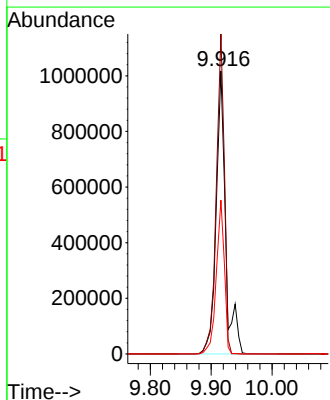
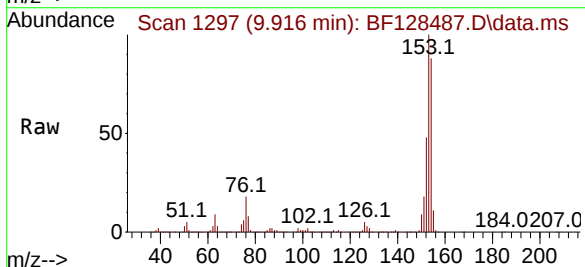
Tgt Ion:154 Resp: 1092837

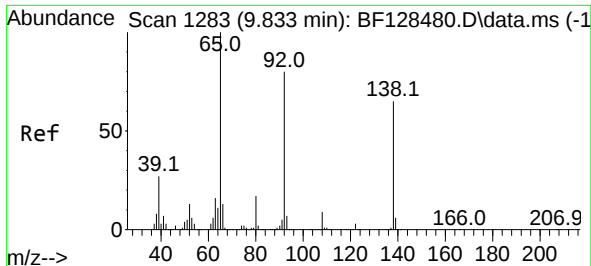
Ion Ratio Lower Upper

154 100

153 113.0 89.6 134.4

152 54.3 42.4 63.6

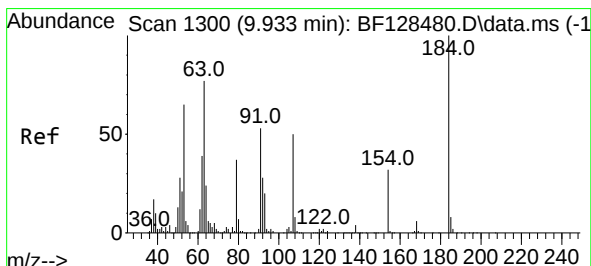
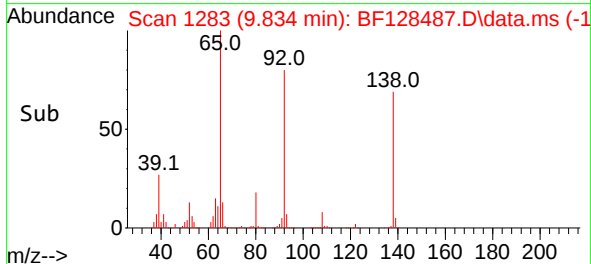
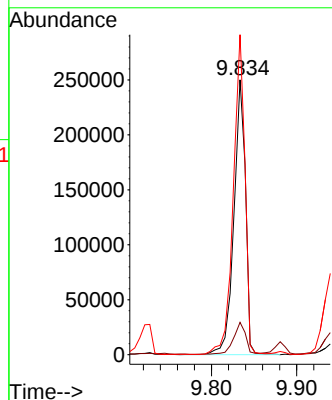
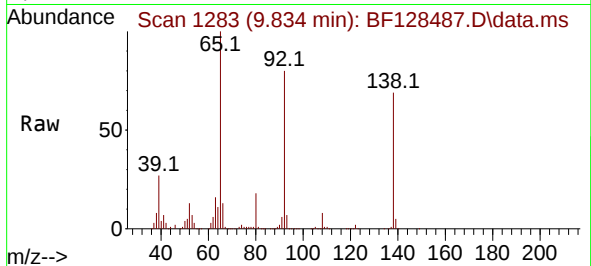




#53  
3-Nitroaniline  
Concen: 35.176 ng  
RT: 9.834 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

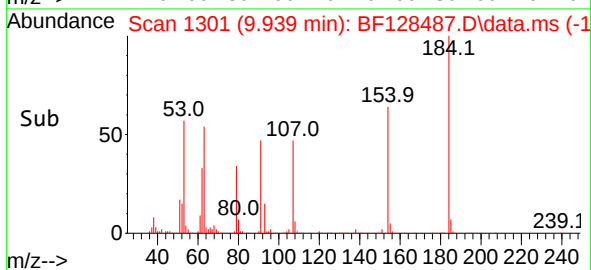
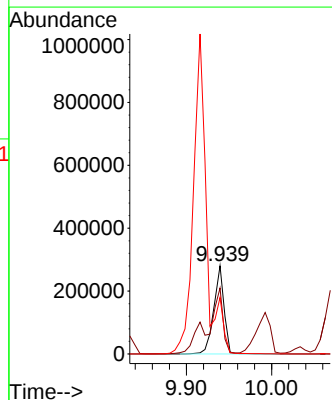
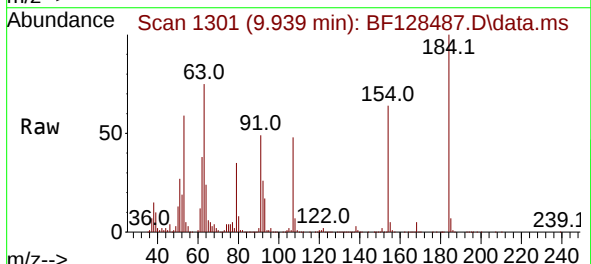
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

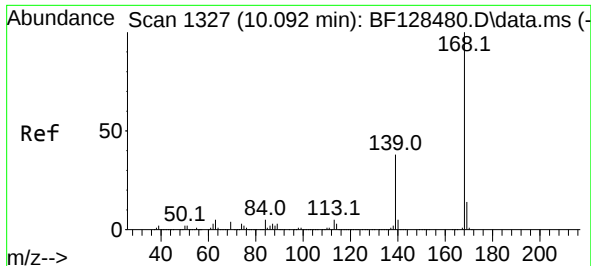
Tgt Ion:138 Resp: 236579  
Ion Ratio Lower Upper  
138 100  
108 11.8 10.9 16.3  
92 116.4 98.2 147.2



#54  
2,4-Dinitrophenol  
Concen: 80.174 ng  
RT: 9.939 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:184 Resp: 236868  
Ion Ratio Lower Upper  
184 100  
63 74.7 64.5 96.7  
154 64.0 50.6 75.8

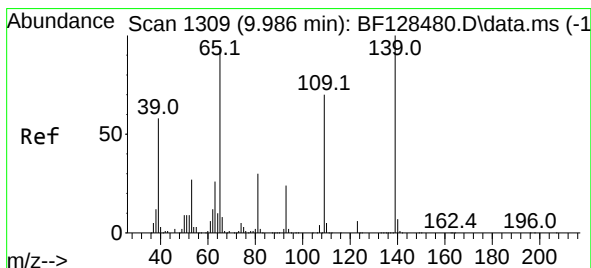
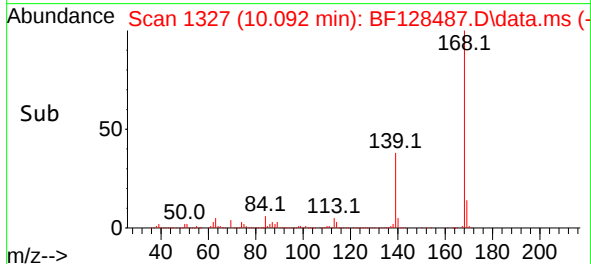
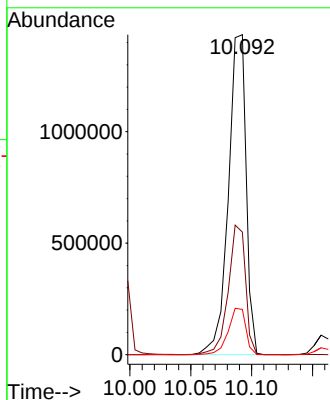
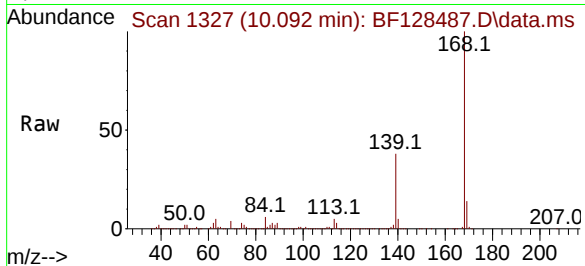




#55  
Dibenzofuran  
Concen: 38.417 ng  
RT: 10.092 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

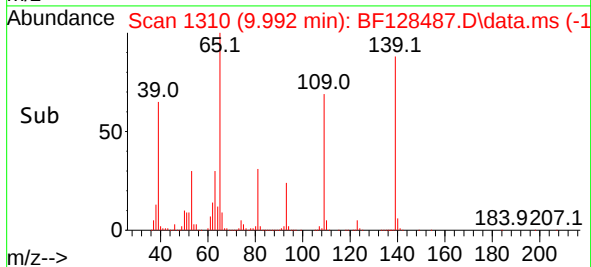
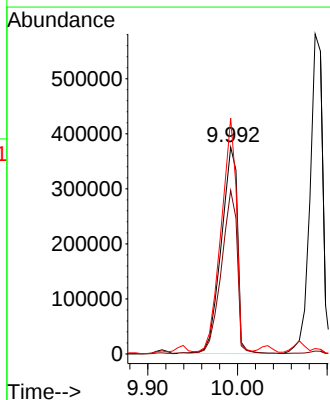
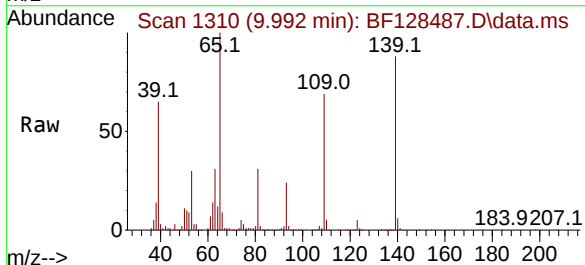
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BNA\_F  
ClientSampleId :  
PB145086BS

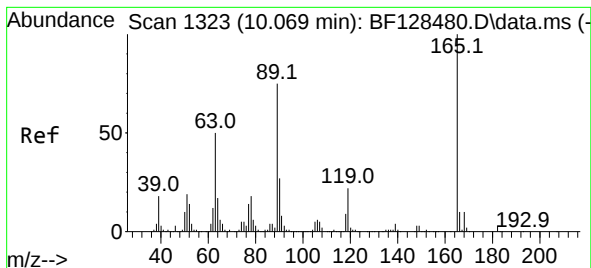
Tgt Ion:168 Resp: 1458795  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.6 46.0  
169 14.1 11.0 16.6



#56  
4-Nitrophenol  
Concen: 86.628 ng  
RT: 9.992 min Scan# 1310  
Delta R.T. 0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:139 Resp: 472768  
Ion Ratio Lower Upper  
139 100  
109 79.0 50.7 90.7  
65 113.9 74.5 114.5

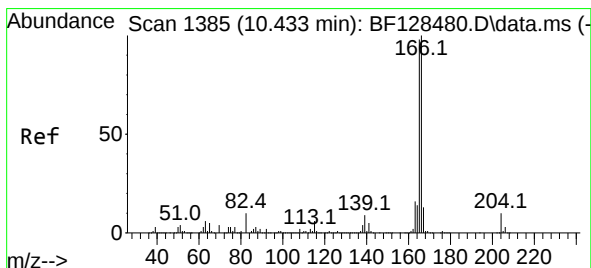
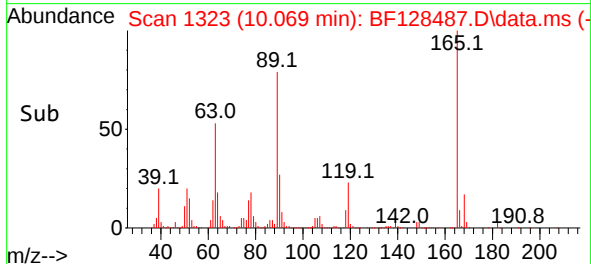
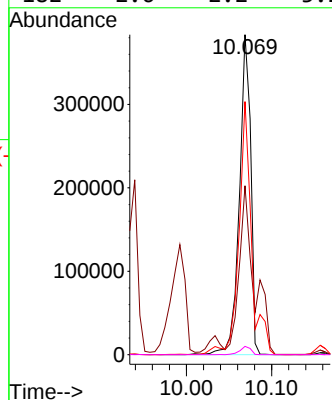
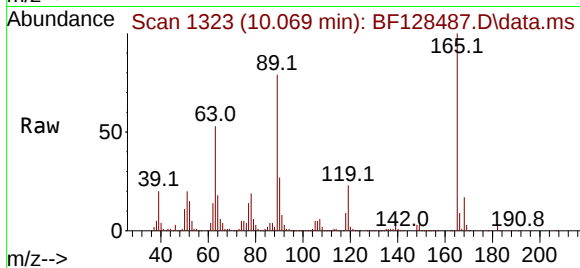




#57  
2,4-Dinitrotoluene  
Concen: 50.681 ng  
RT: 10.069 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

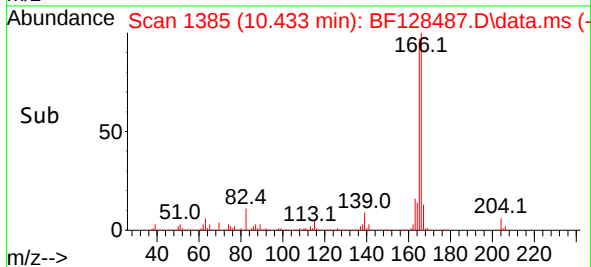
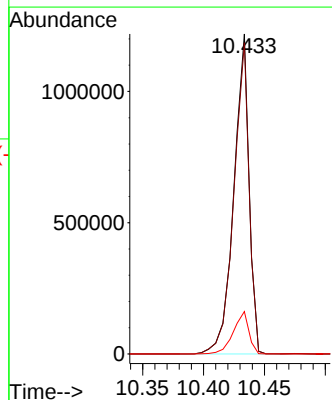
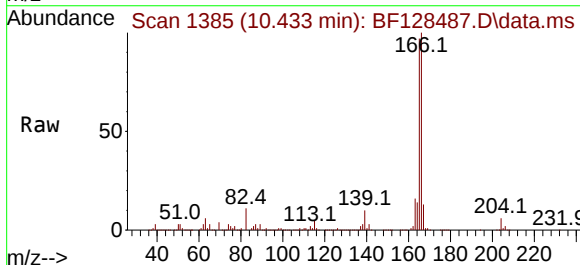
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

Tgt Ion:165 Resp: 353103  
Ion Ratio Lower Upper  
165 100  
63 52.8 39.8 59.6  
89 79.1 60.2 90.2  
182 2.6 2.2 3.2



#58  
Fluorene  
Concen: 38.681 ng  
RT: 10.433 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:166 Resp: 1057418  
Ion Ratio Lower Upper  
166 100  
165 97.3 78.1 117.1  
167 13.2 10.5 15.7

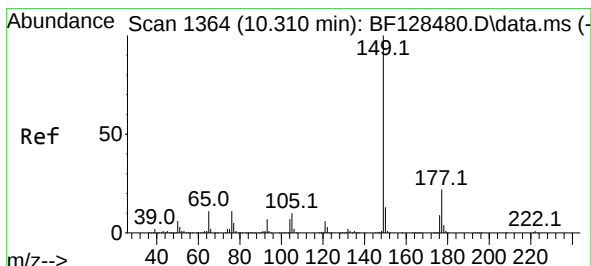
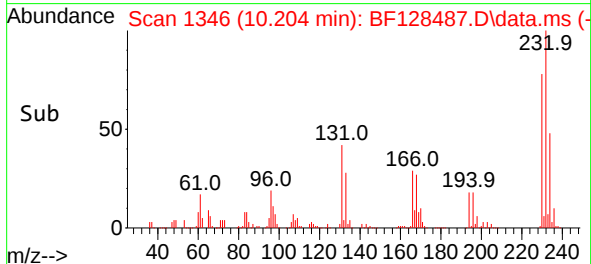
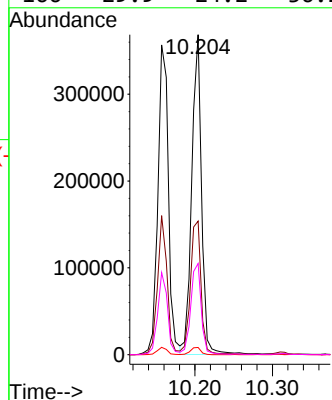
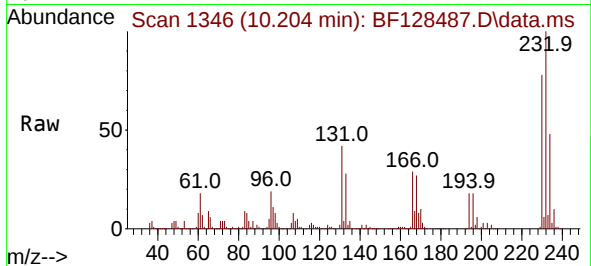




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.223 ng  
RT: 10.204 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

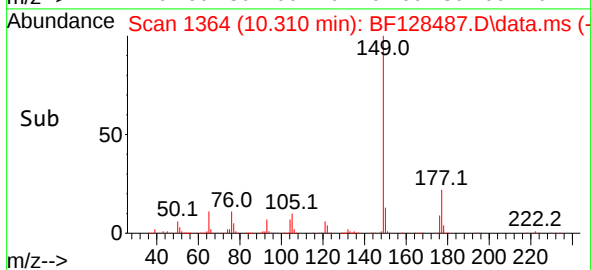
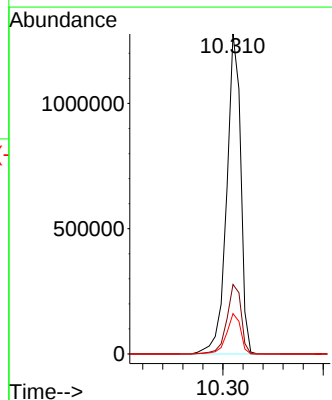
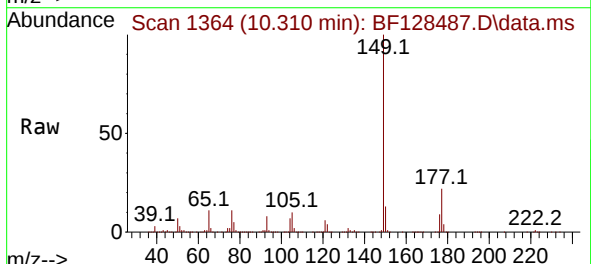
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

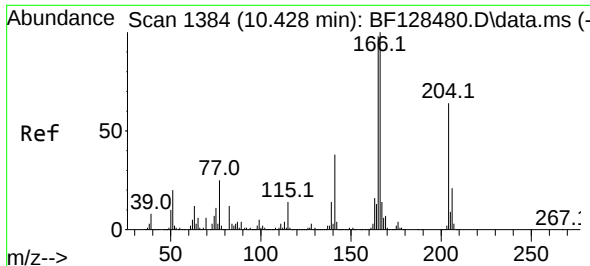
Tgt Ion:232 Resp: 324888  
Ion Ratio Lower Upper  
232 100  
131 44.9 36.1 54.1  
130 2.4 1.8 2.8  
166 29.9 24.2 36.2



#60  
Diethylphthalate  
Concen: 40.104 ng  
RT: 10.310 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:149 Resp: 1237916  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.3 25.9  
150 12.6 10.2 15.2

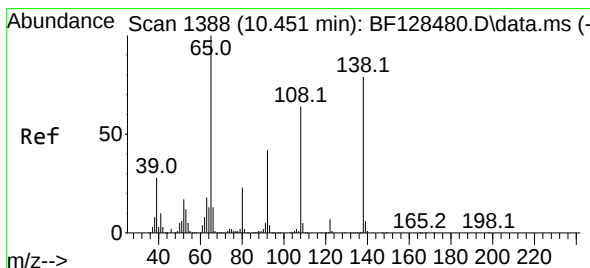
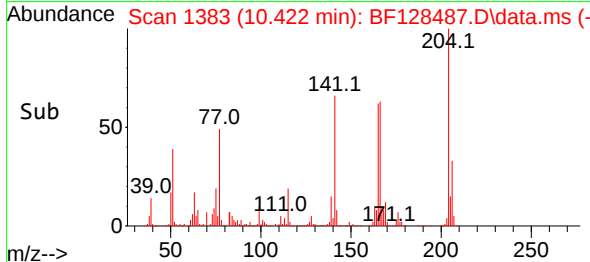
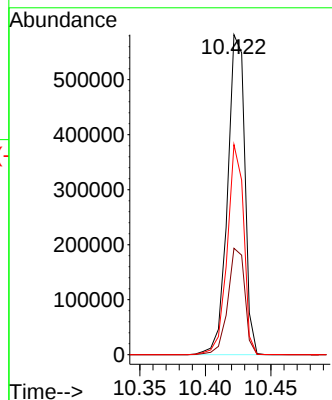
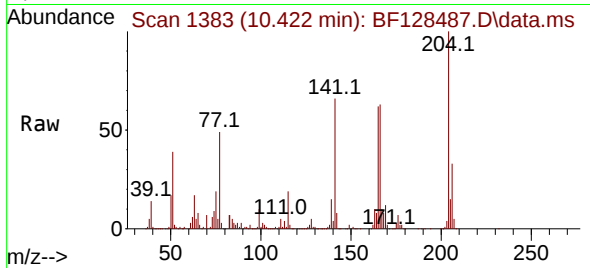




#61  
4-Chlorophenyl-phenylether  
Concen: 38.309 ng  
RT: 10.422 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

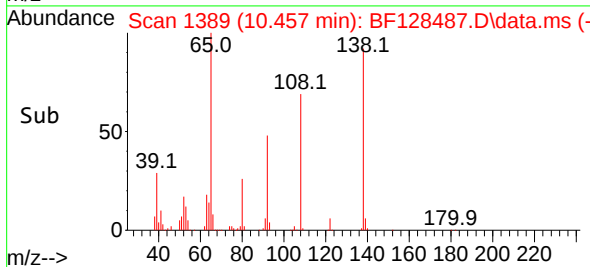
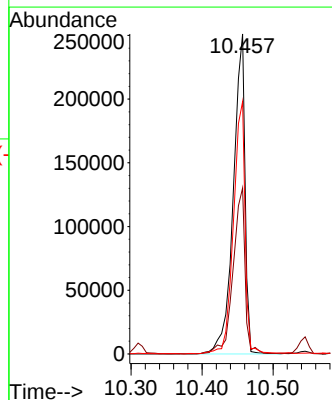
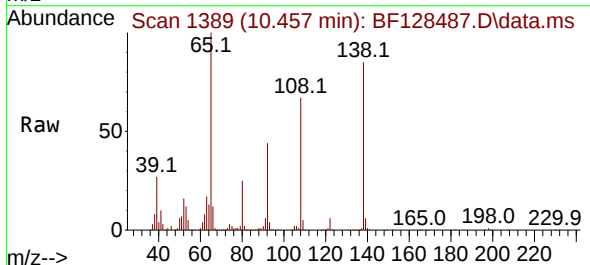
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

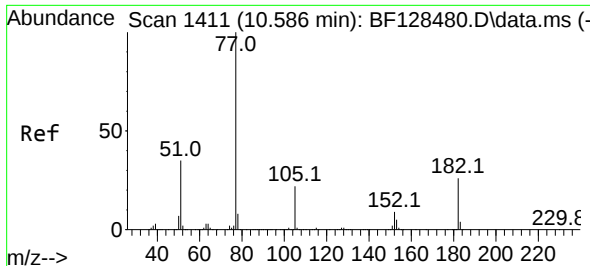
Tgt Ion:204 Resp: 531342  
Ion Ratio Lower Upper  
204 100  
206 33.2 25.8 38.6  
141 65.7 47.0 70.4



#62  
4-Nitroaniline  
Concen: 44.640 ng  
RT: 10.457 min Scan# 1389  
Delta R.T. 0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:138 Resp: 287449  
Ion Ratio Lower Upper  
138 100  
92 51.8 33.5 73.5  
108 78.9 61.0 101.0



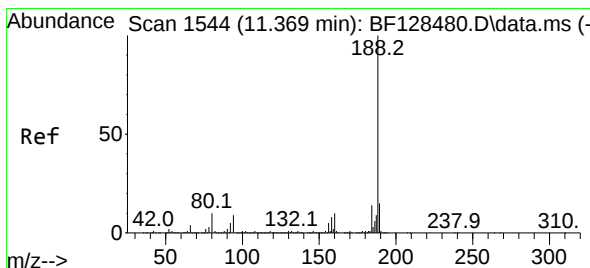
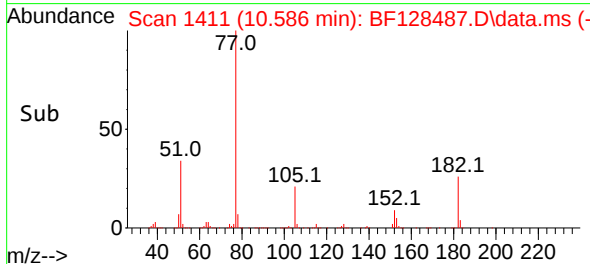
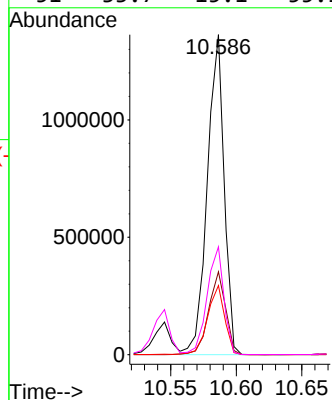
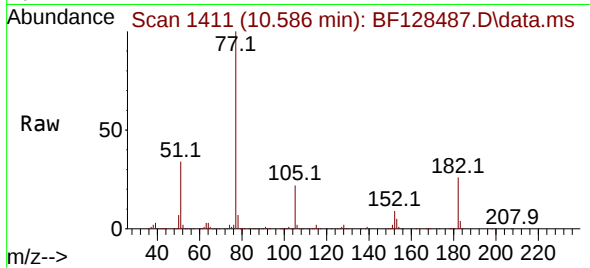


#63  
Azobenzene  
Concen: 38.791 ng  
RT: 10.586 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

Tgt Ion: 77 Resp: 1218990

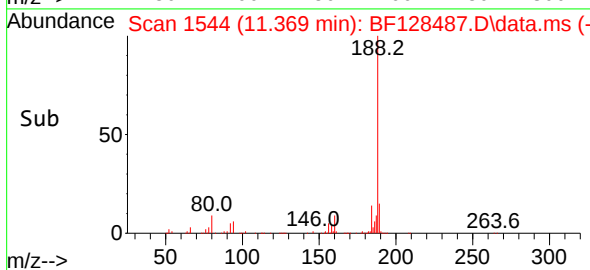
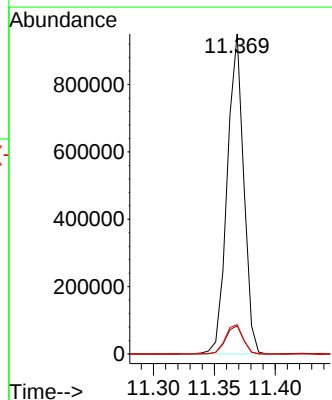
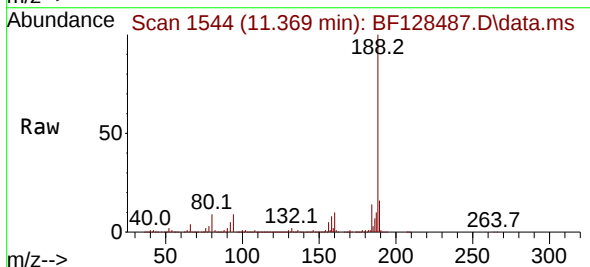
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.9  | 5.6   | 45.6  |
| 105 | 21.6  | 1.6   | 41.6  |
| 51  | 33.7  | 15.1  | 55.1  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1544  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion: 188 Resp: 891254

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.8   | 7.0   | 10.6  |
| 80  | 9.2   | 7.6   | 11.4  |

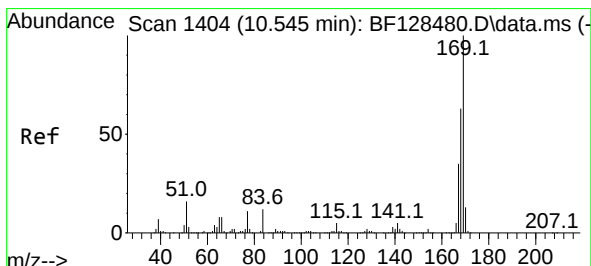
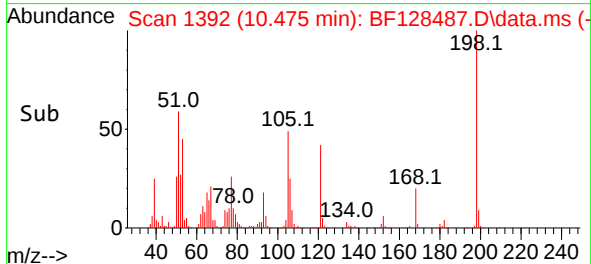
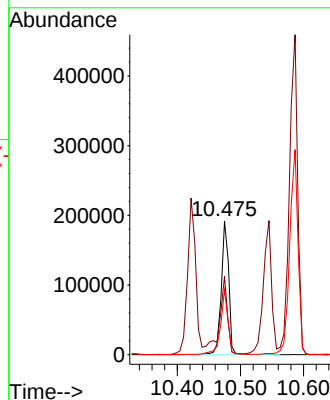
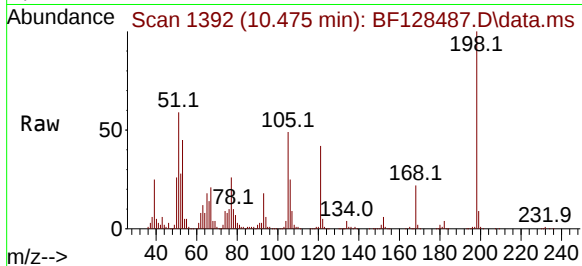




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.277 ng  
RT: 10.475 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

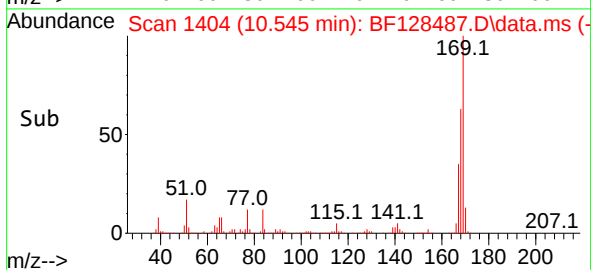
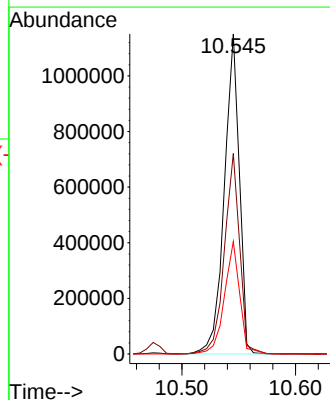
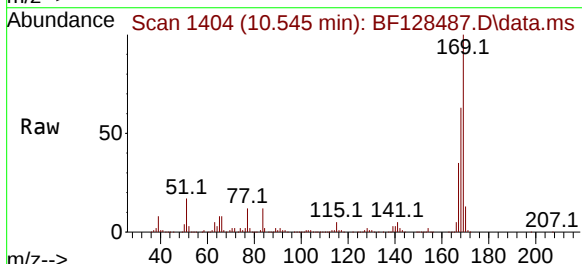
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

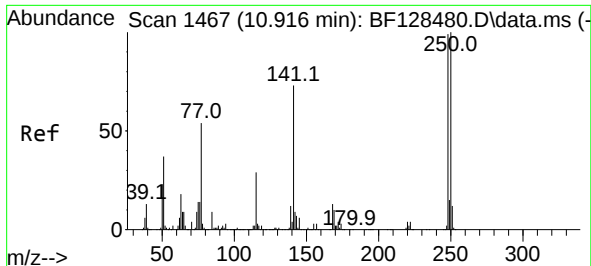
Tgt Ion:198 Resp: 157121  
Ion Ratio Lower Upper  
198 100  
51 58.6 37.6 77.6  
105 48.6 27.0 67.0



#66  
n-Nitrosodiphenylamine  
Concen: 39.701 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:169 Resp: 1059361  
Ion Ratio Lower Upper  
169 100  
168 62.6 50.1 75.1  
167 35.1 27.9 41.9

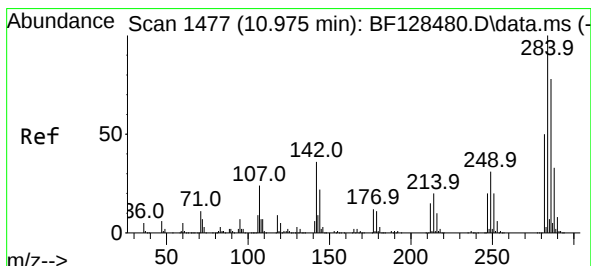
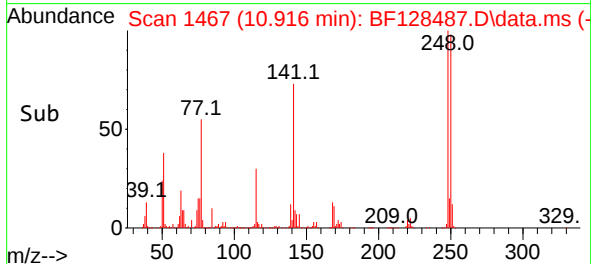
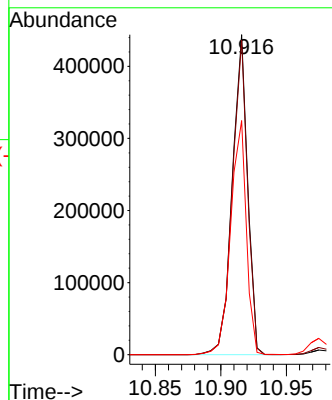
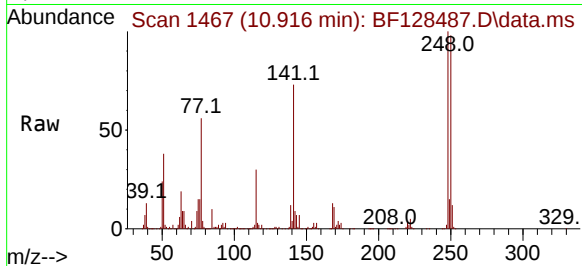




#67  
4-Bromophenyl-phenylether  
Concen: 39.403 ng  
RT: 10.916 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

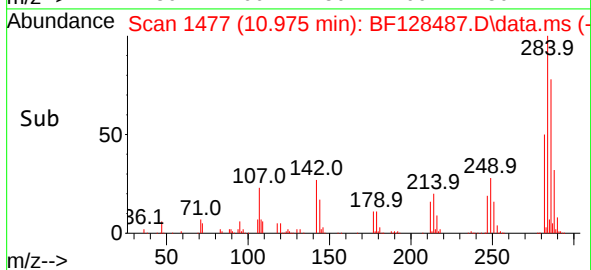
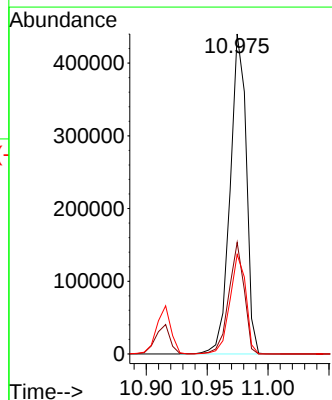
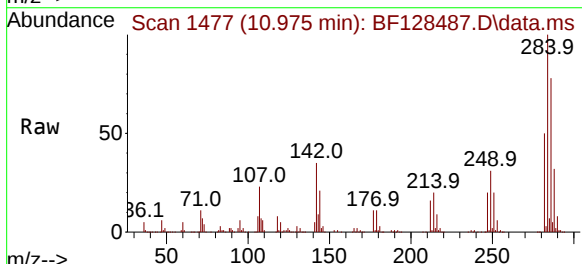
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

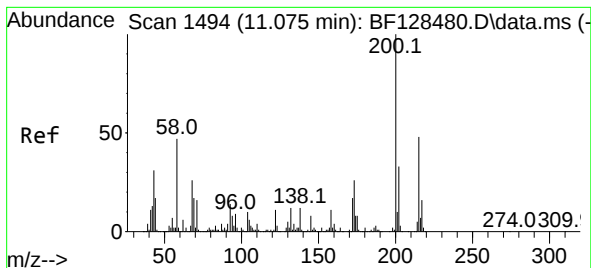
Tgt Ion:248 Resp: 362838  
Ion Ratio Lower Upper  
248 100  
250 98.4 80.6 120.8  
141 73.2 58.9 88.3



#68  
Hexachlorobenzene  
Concen: 39.984 ng  
RT: 10.975 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:284 Resp: 406586  
Ion Ratio Lower Upper  
284 100  
142 34.9 29.0 43.4  
249 31.1 25.0 37.6





#69

Atrazine

Concen: 42.827 ng

RT: 11.075 min Scan# 1494

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

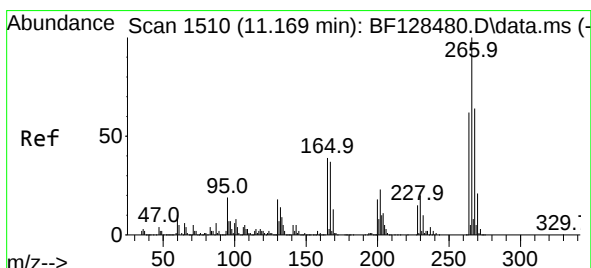
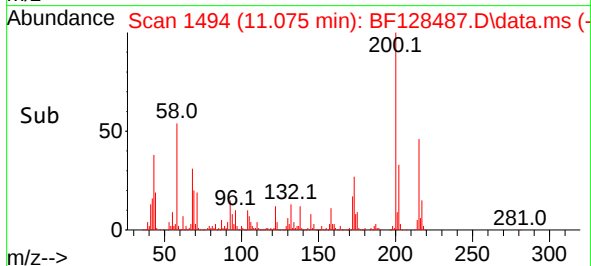
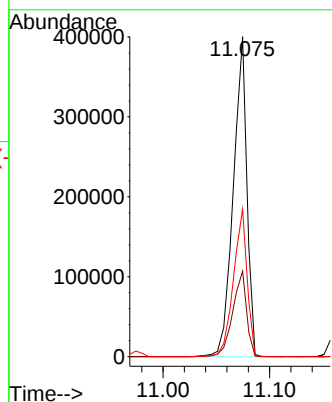
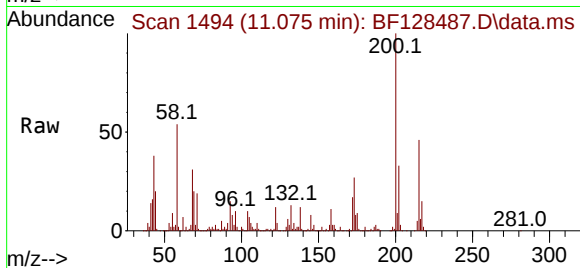
Tgt Ion:200 Resp: 354667

Ion Ratio Lower Upper

200 100

173 26.7 6.3 46.3

215 46.1 28.3 68.3



#70

Pentachlorophenol

Concen: 75.632 ng

RT: 11.169 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

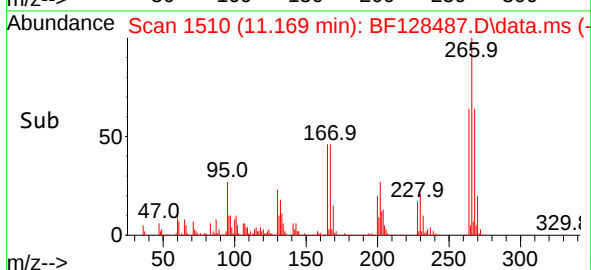
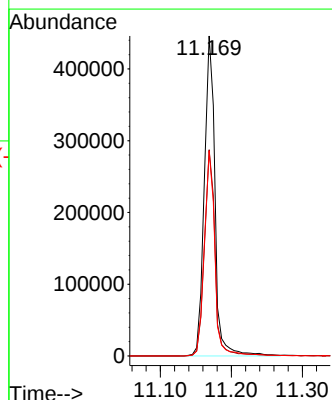
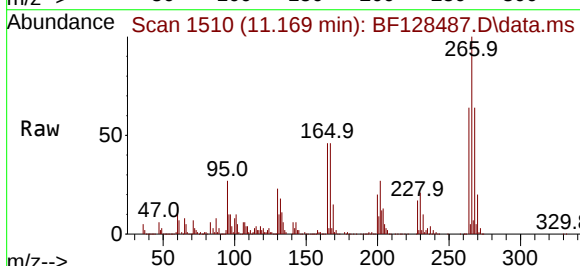
Tgt Ion:266 Resp: 468665

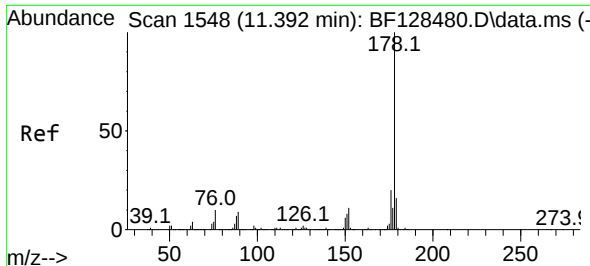
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.4

264 64.1 49.4 74.2

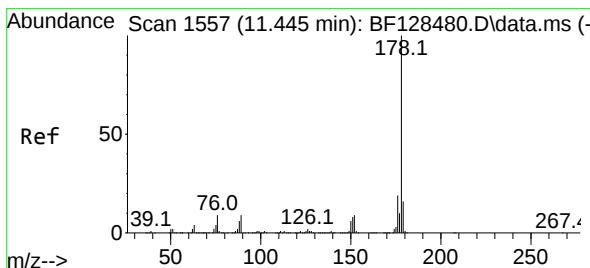
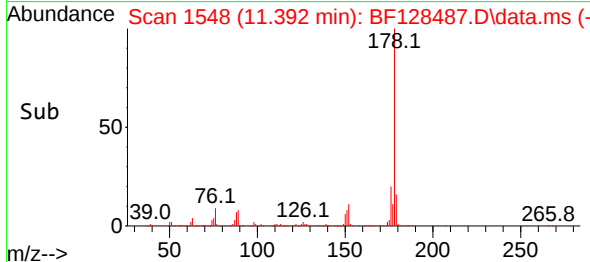
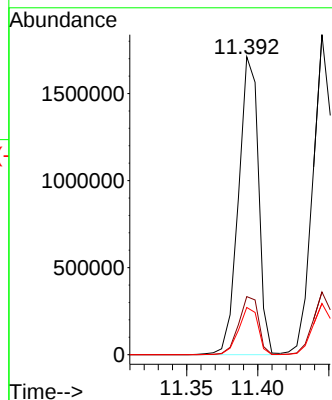
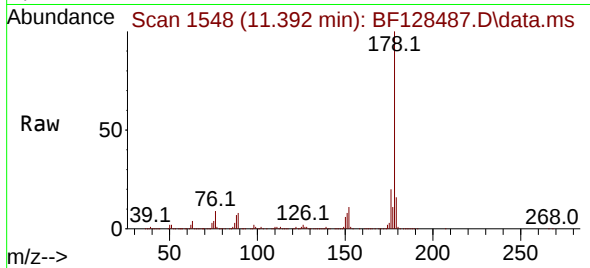




#71  
Phenanthrene  
Concen: 39.647 ng  
RT: 11.392 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

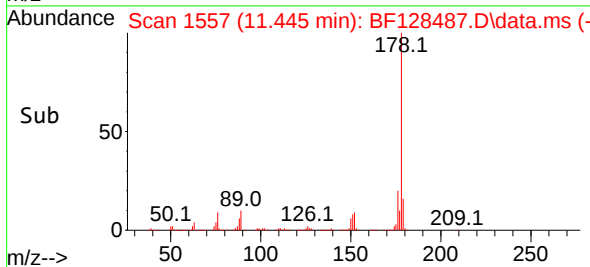
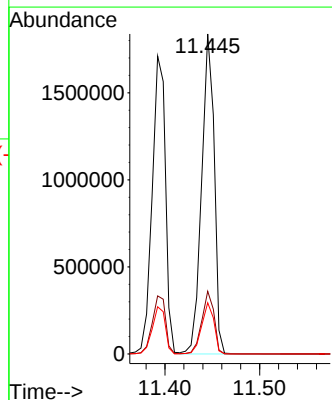
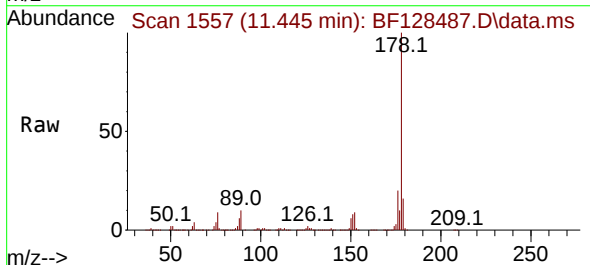
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

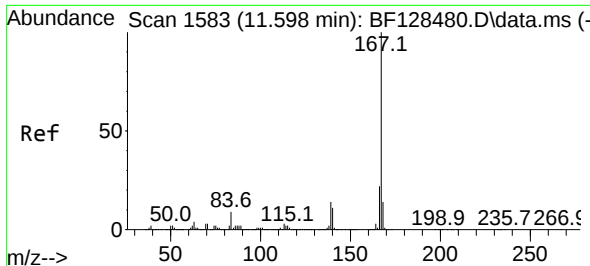
Tgt Ion:178 Resp: 1673884  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.0 24.0  
179 15.8 12.6 19.0



#72  
Anthracene  
Concen: 40.400 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:178 Resp: 1703787  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.2  
179 16.0 12.6 19.0

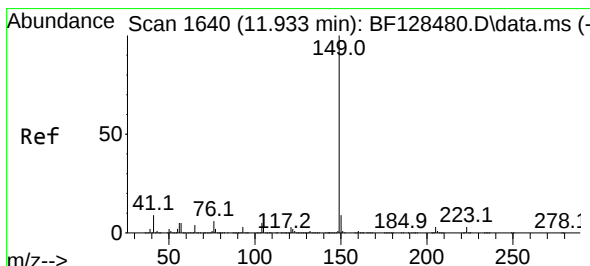
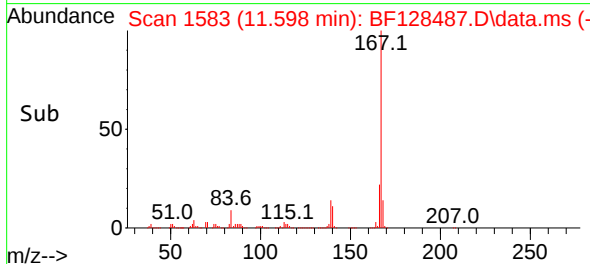
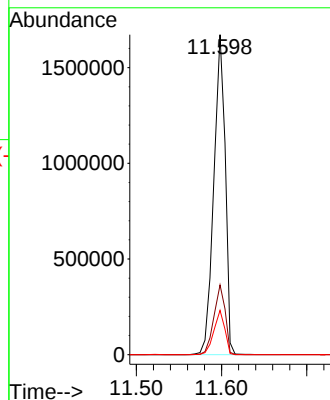
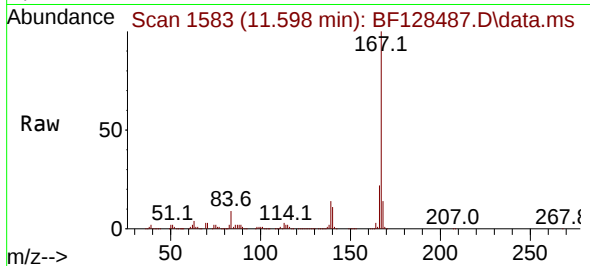




#73  
 Carbazole  
 Concen: 38.612 ng  
 RT: 11.598 min Scan# 1583  
 Delta R.T. 0.000 min  
 Lab File: BF128487.D  
 Acq: 26 May 2022 22:25

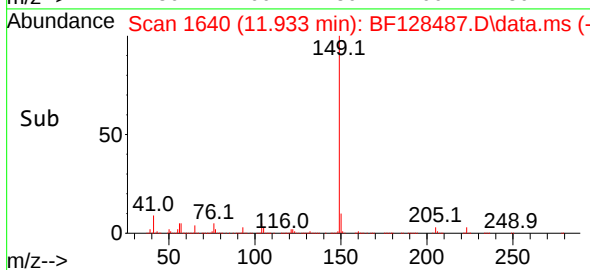
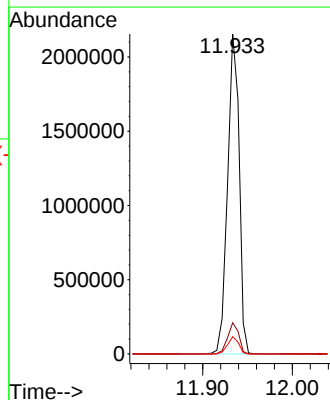
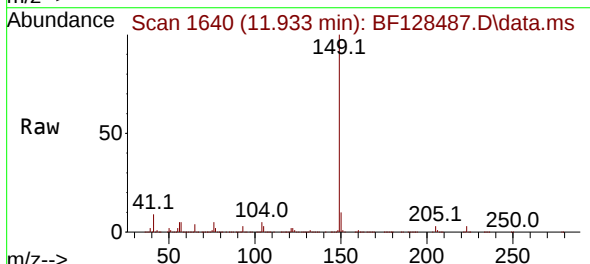
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145086BS

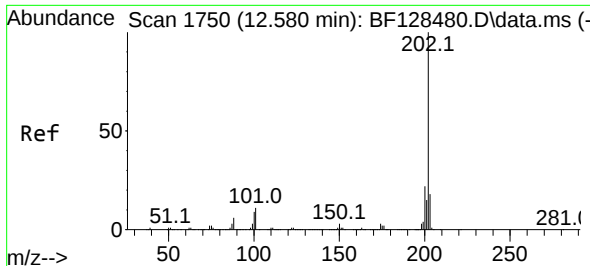
Tgt Ion:167 Resp: 1560557  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.7 26.5  
 139 13.8 11.2 16.8



#74  
 Di-n-butylphthalate  
 Concen: 40.601 ng  
 RT: 11.933 min Scan# 1640  
 Delta R.T. 0.000 min  
 Lab File: BF128487.D  
 Acq: 26 May 2022 22:25

Tgt Ion:149 Resp: 1931341  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.5 11.3  
 104 5.4 4.4 6.6

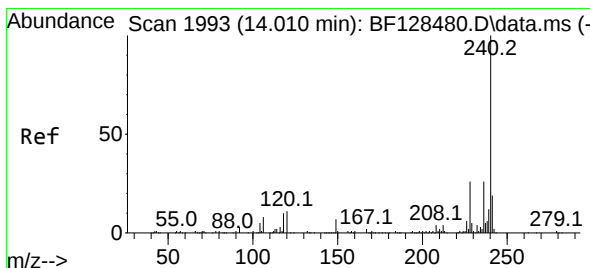
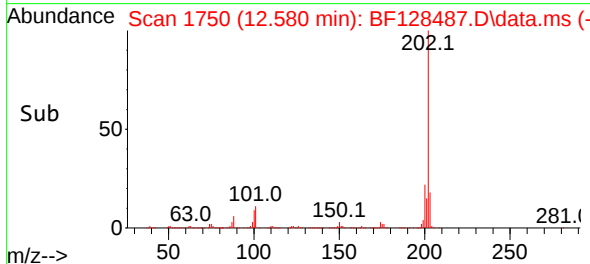
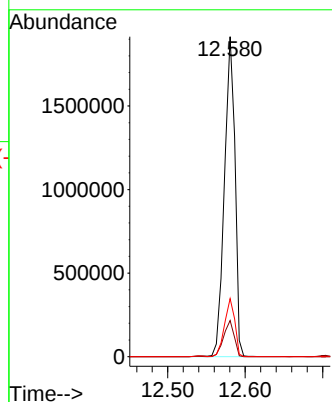
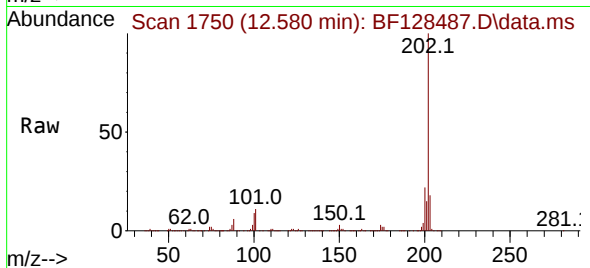




#75  
Fluoranthene  
Concen: 40.210 ng  
RT: 12.580 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

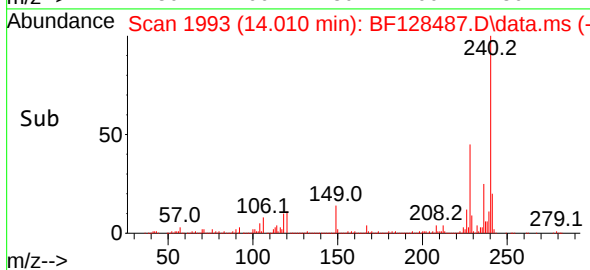
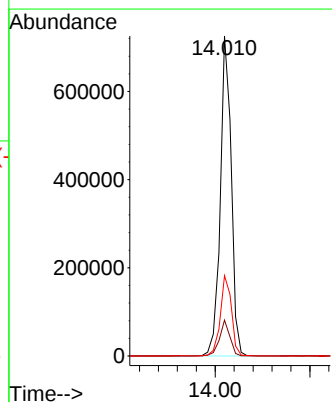
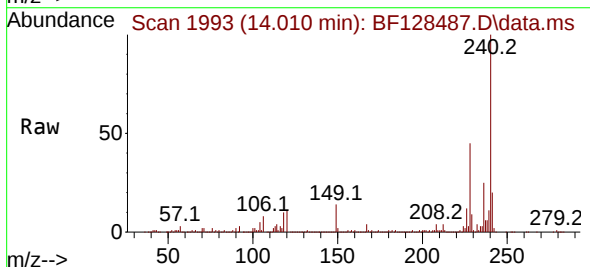
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

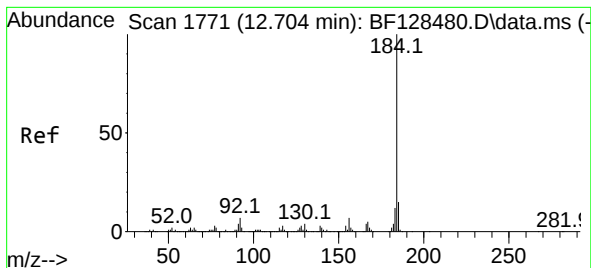
Tgt Ion:202 Resp: 1814992  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 31.4  
203 18.2 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:240 Resp: 584807  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.9 13.3  
236 25.1 20.8 31.2





#77

Benzidine

Concen: 63.978 ng

RT: 12.704 min Scan# 1771

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

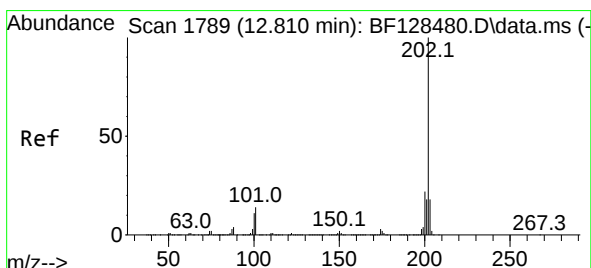
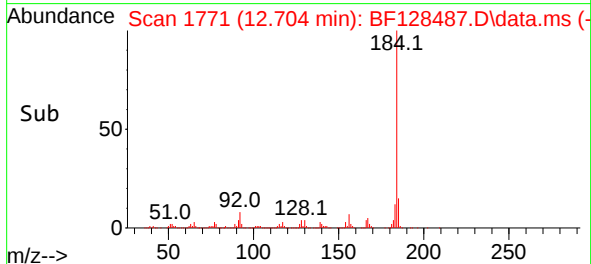
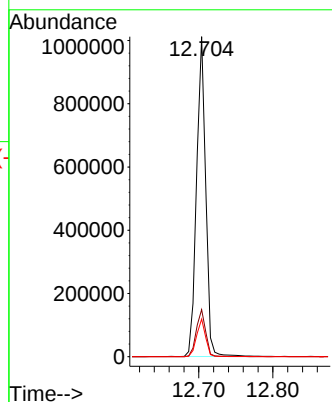
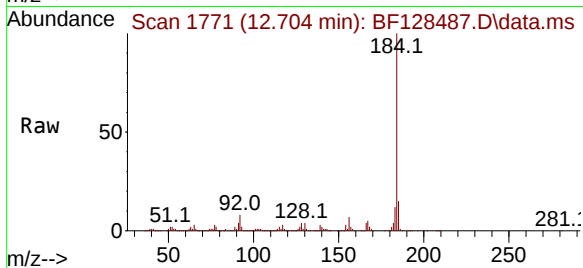
Tgt Ion:184 Resp: 862994

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

183 11.8 9.3 13.9



#78

Pyrene

Concen: 41.157 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

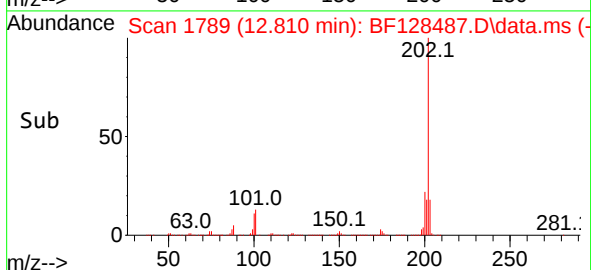
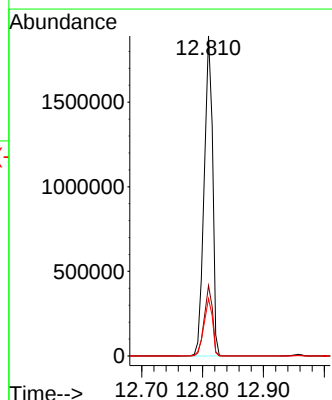
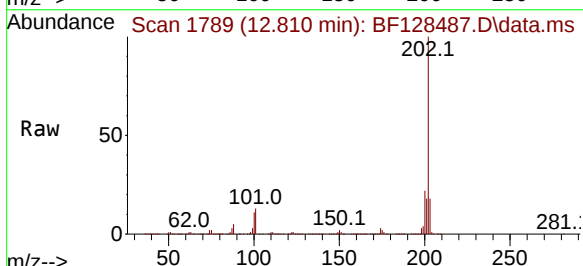
Tgt Ion:202 Resp: 1813239

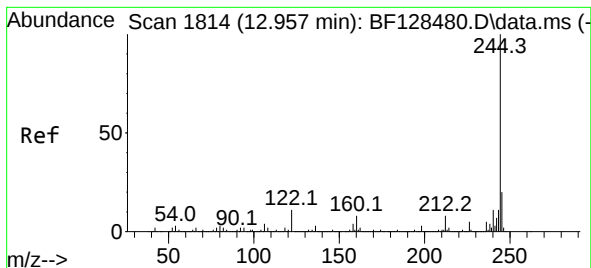
Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

203 17.9 14.6 21.8





#79

Terphenyl-d14

Concen: 82.022 ng

RT: 12.957 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

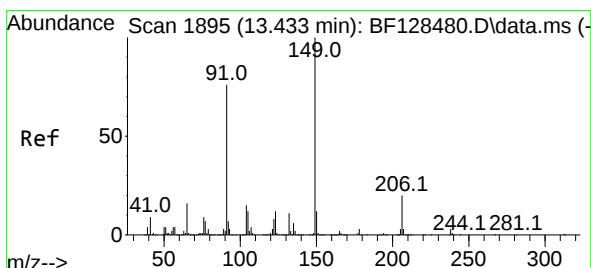
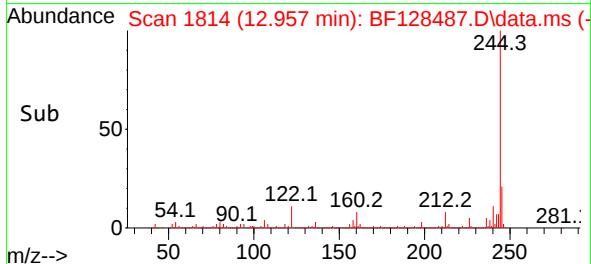
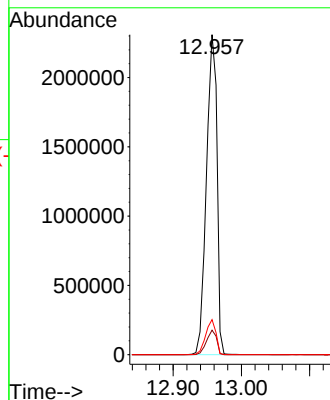
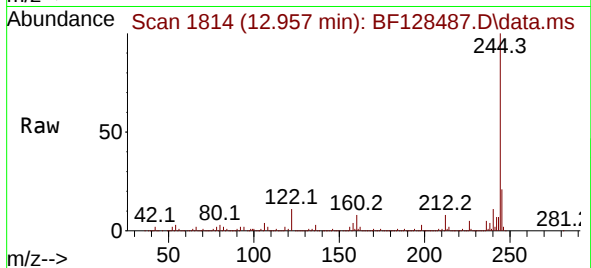
Tgt Ion:244 Resp: 2482826

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 41.999 ng

RT: 13.433 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

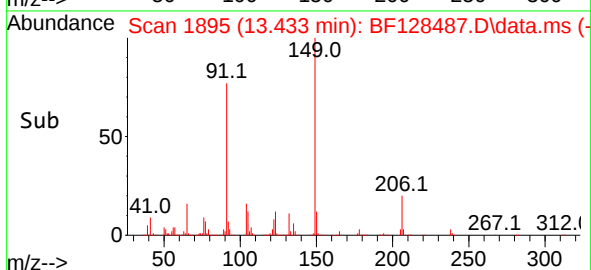
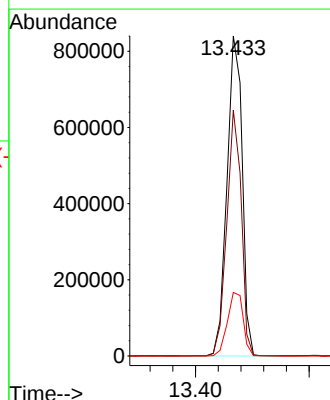
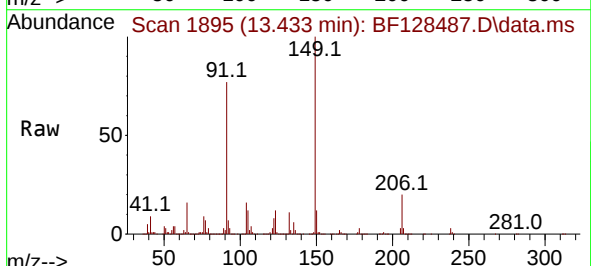
Tgt Ion:149 Resp: 780471

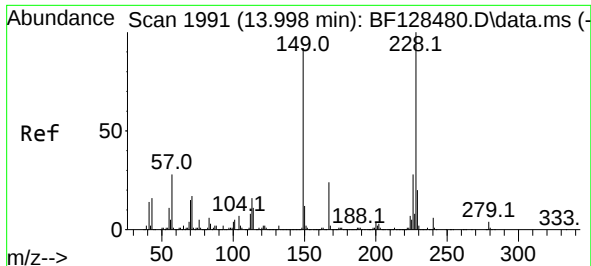
Ion Ratio Lower Upper

149 100

91 76.9 61.2 91.8

206 19.9 15.7 23.5

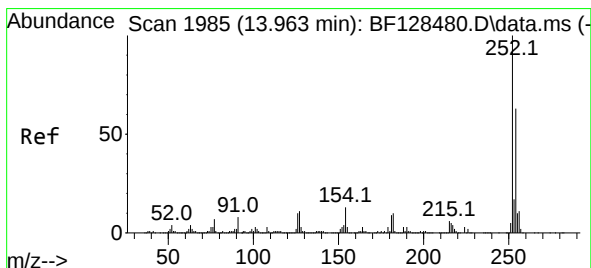
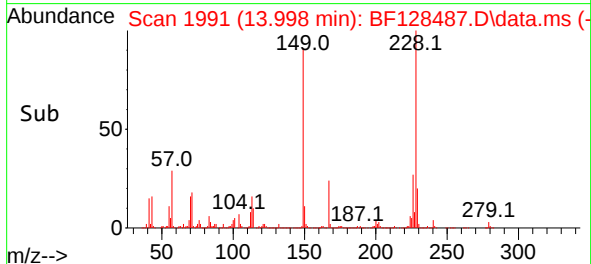
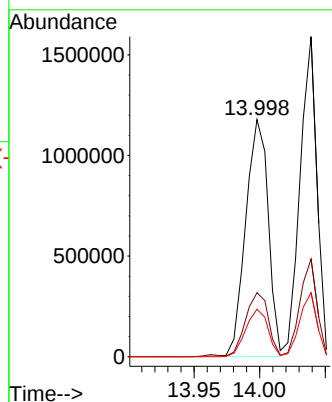
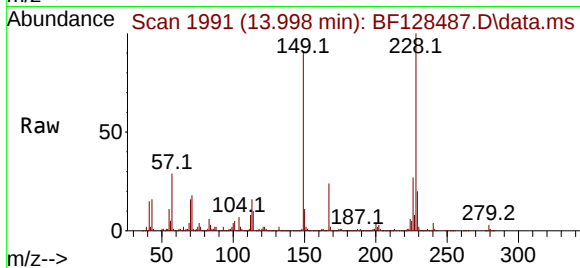




#81  
Benzo(a)anthracene  
Concen: 40.456 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

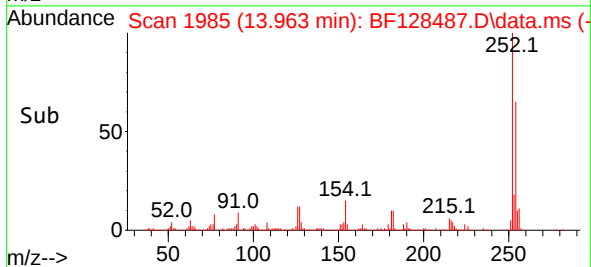
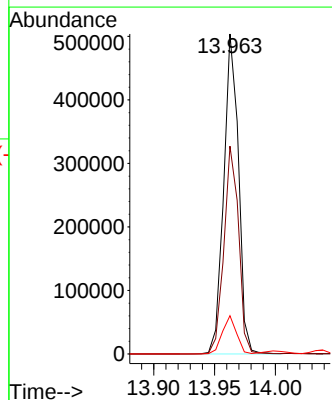
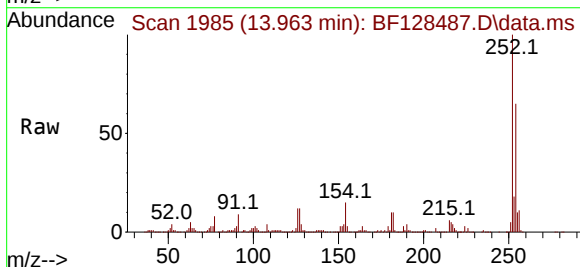
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

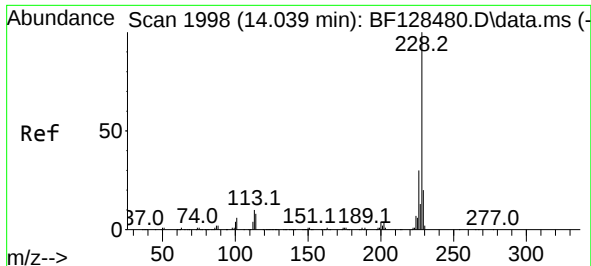
Tgt Ion:228 Resp: 1406223  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.1 33.1  
229 20.0 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 47.839 ng  
RT: 13.963 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:252 Resp: 425791  
Ion Ratio Lower Upper  
252 100  
254 64.9 50.2 75.4  
126 11.9 8.2 12.4

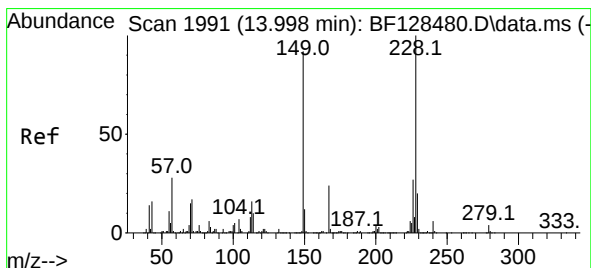
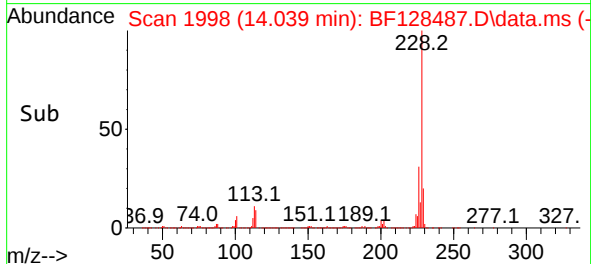
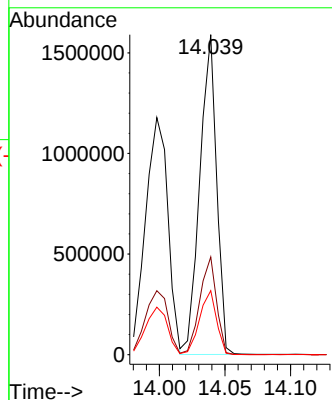
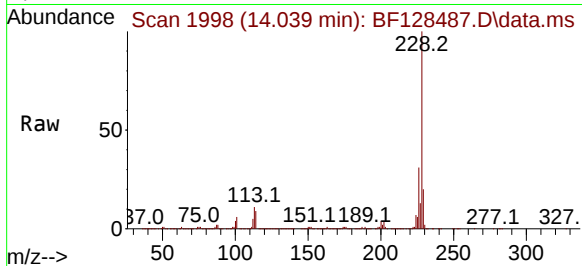




#83  
Chrysene  
Concen: 39.915 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

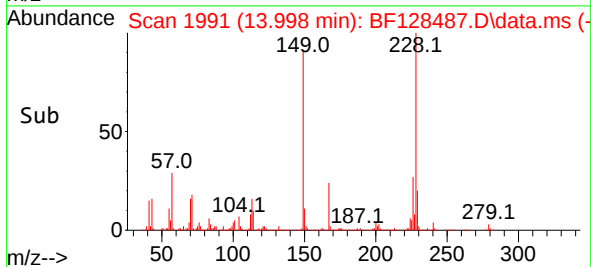
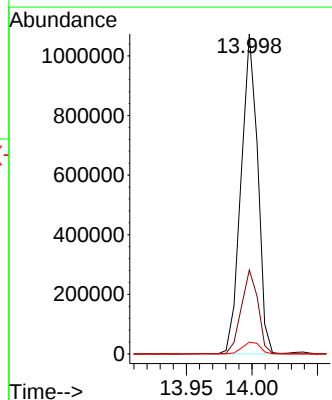
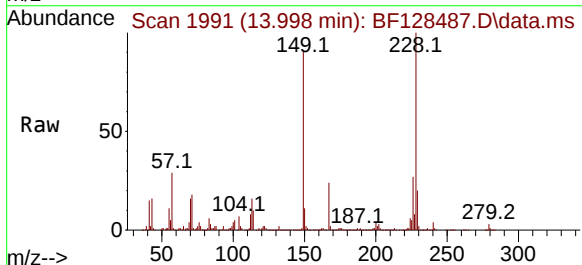
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

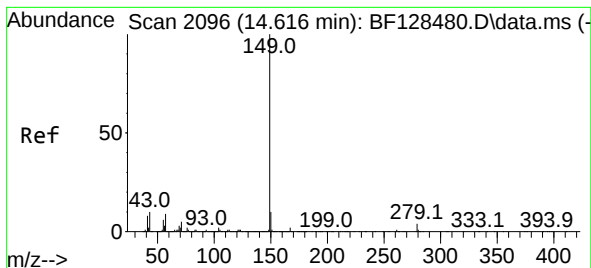
Tgt Ion:228 Resp: 1420871  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.3 36.5  
229 20.0 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.325 ng  
RT: 13.998 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:149 Resp: 951295  
Ion Ratio Lower Upper  
149 100  
167 26.2 21.0 31.4  
279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.225 ng

RT: 14.616 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

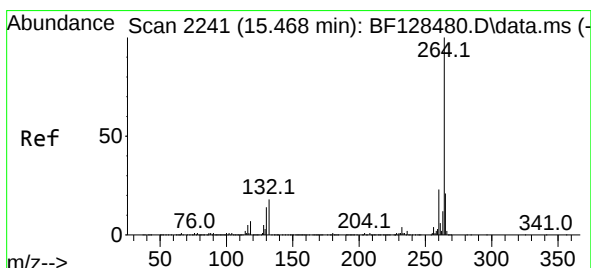
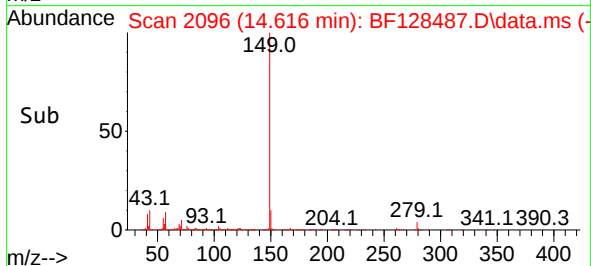
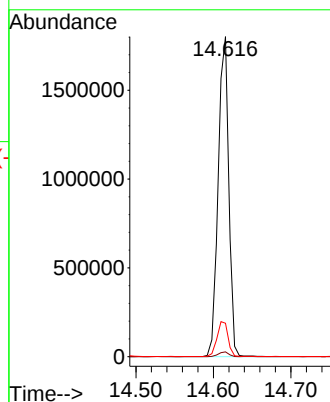
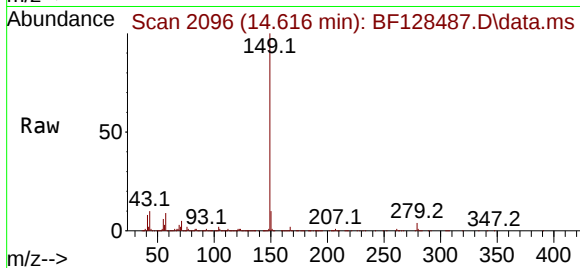
Tgt Ion:149 Resp: 1710140

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: 15.474 min Scan# 2242

Delta R.T. 0.006 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

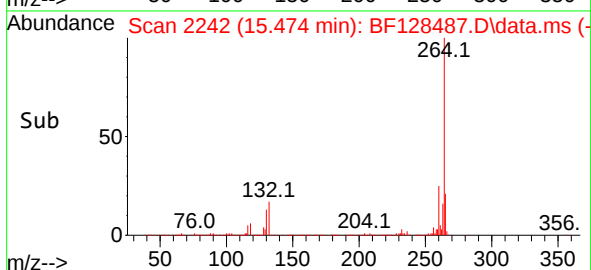
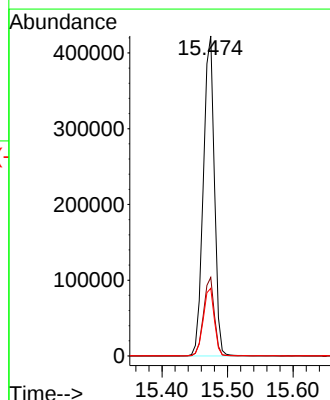
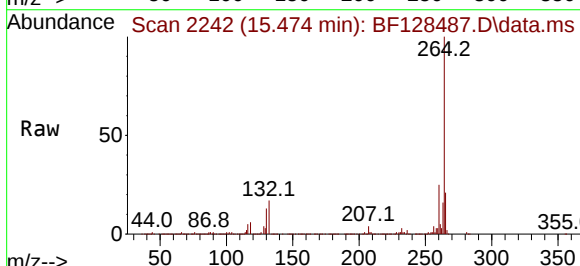
Tgt Ion:264 Resp: 496512

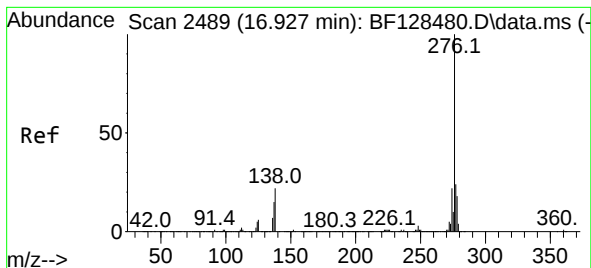
Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 21.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.618 ng

RT: 16.927 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

Instrument :

BNA\_F

ClientSampleId :

PB145086BS

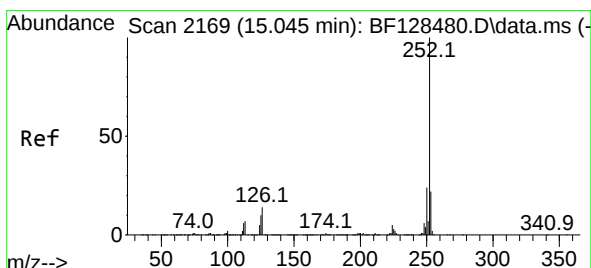
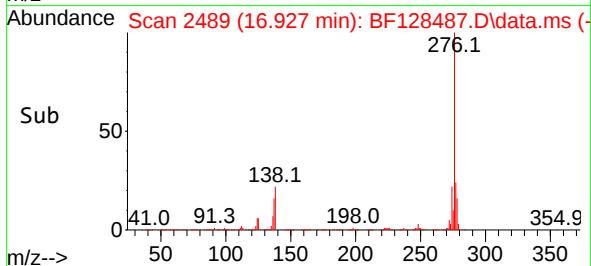
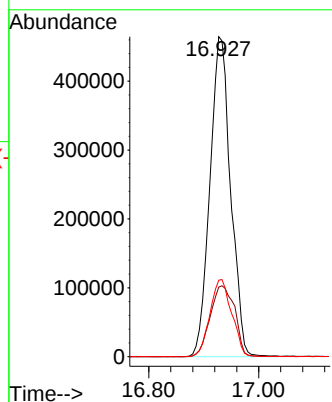
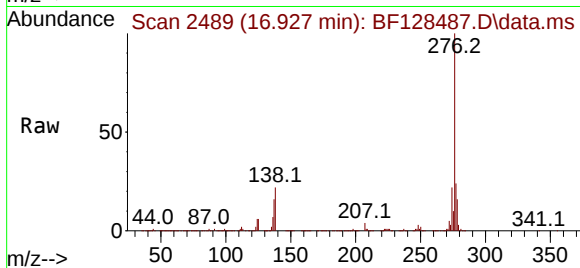
Tgt Ion:276 Resp: 1218758

Ion Ratio Lower Upper

276 100

138 26.2 21.1 31.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.572 ng

RT: 15.045 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BF128487.D

Acq: 26 May 2022 22:25

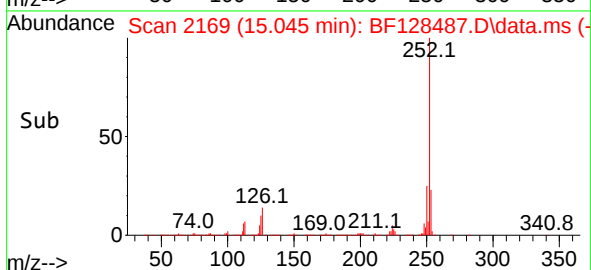
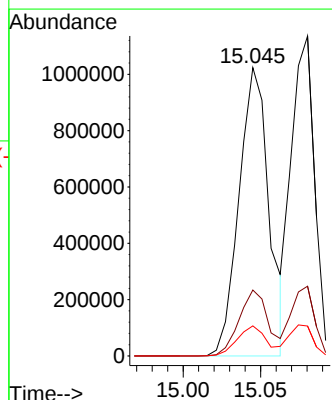
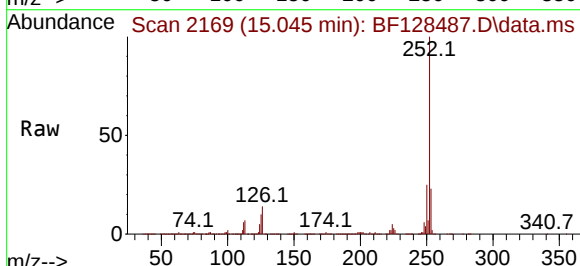
Tgt Ion:252 Resp: 1376688

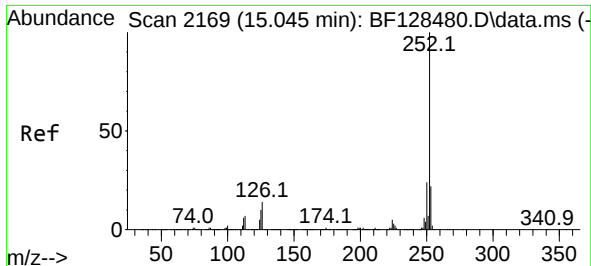
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 10.4 8.0 12.0

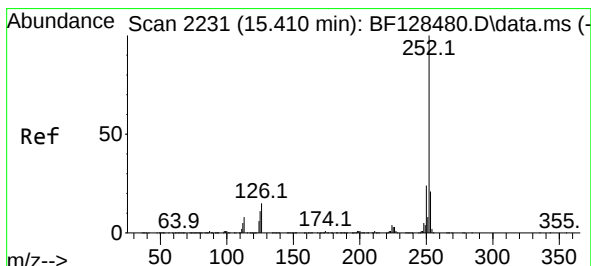
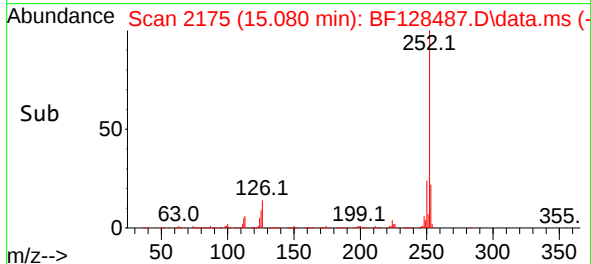
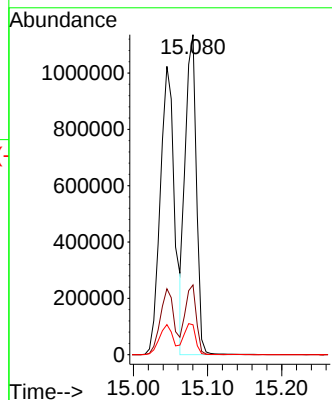
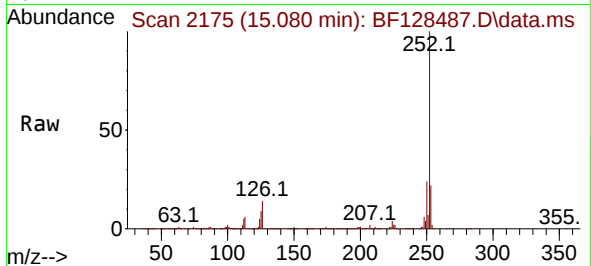




#89  
Benzo(k)fluoranthene  
Concen: 41.645 ng  
RT: 15.080 min Scan# 2169  
Delta R.T. 0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

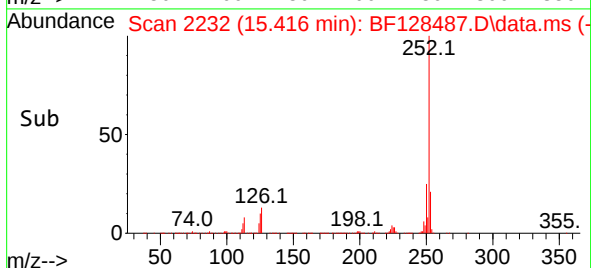
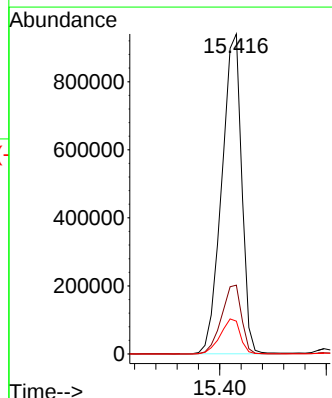
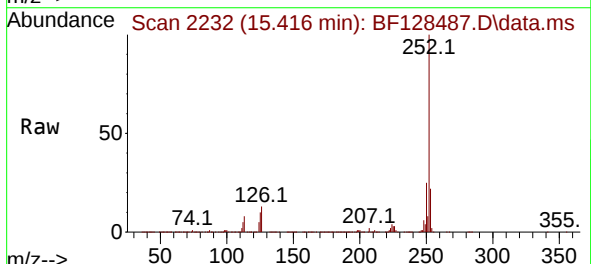
Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

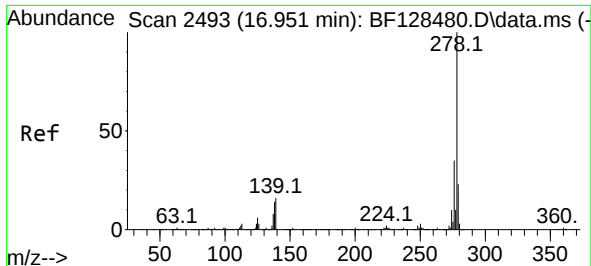
Tgt Ion:252 Resp: 1191765  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 9.3 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 49.119 ng  
RT: 15.416 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:252 Resp: 1217201  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.0 25.6  
125 10.3 8.8 13.2

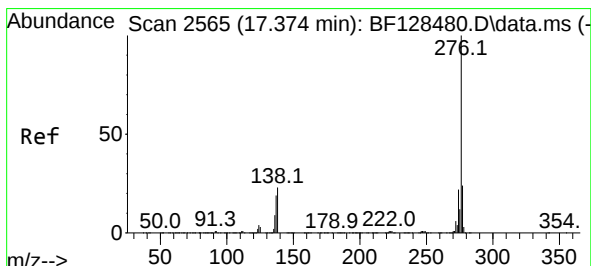
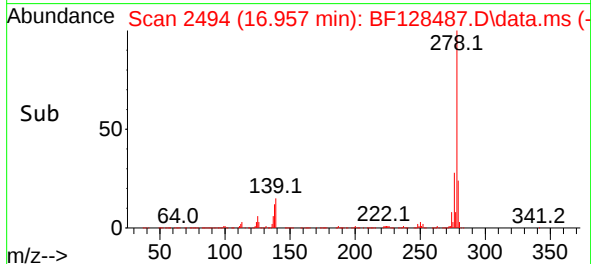
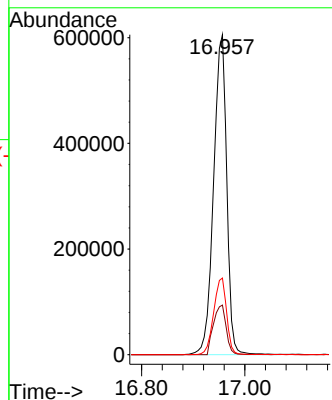
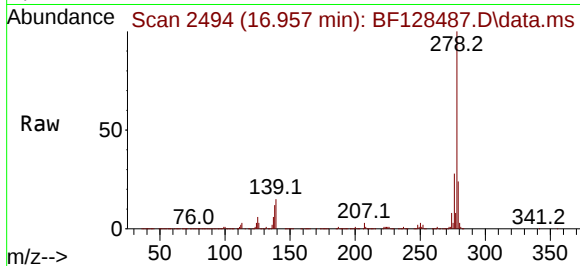




#91  
Dibenzo(a,h)anthracene  
Concen: 44.012 ng  
RT: 16.957 min Scan# 2493  
Delta R.T. 0.006 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Instrument :  
BNA\_F  
ClientSampleId :  
PB145086BS

Tgt Ion:278 Resp: 1068643  
Ion Ratio Lower Upper  
278 100  
139 15.5 12.8 19.2  
279 23.9 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 44.208 ng  
RT: 17.374 min Scan# 2565  
Delta R.T. 0.000 min  
Lab File: BF128487.D  
Acq: 26 May 2022 22:25

Tgt Ion:276 Resp: 1064703  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.1 28.7  
138 22.8 18.0 27.0

