

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062622\  
 Data File : BF129019.D  
 Acq On : 26 Jun 2022 22:22  
 Operator : CG\JU  
 Sample : PB145737BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145737BS

Quant Time: Jun 27 06:34:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 05:55:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.704  | 152  | 103555   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.987  | 136  | 406066   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.745  | 164  | 232161   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.233 | 188  | 612095   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.880 | 240  | 429394   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.310 | 264  | 235442   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.351  | 112  | 728264   | 109.178 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.369  | 99   | 901435   | 115.607 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.281  | 82   | 645949   | 76.582  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.545 | 330  | 366308   | 151.975 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.069  | 172  | 1222706  | 76.311  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.822 | 244  | 1861795  | 80.375  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.505  | 88   | 79626    | 43.977  | ng    | 96       |
| 3) Pyridine                   | 3.205  | 79   | 311433   | 44.558  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.175  | 42   | 234119   | 56.039  | ng    | # 86     |
| 6) Aniline                    | 6.369  | 93   | 269282   | 31.943  | ng    | # 58     |
| 8) 2-Chlorophenol             | 6.498  | 128  | 288709   | 44.095  | ng    | 97       |
| 10) Phenol                    | 6.381  | 94   | 360676   | 43.798  | ng    | 77       |
| 11) bis(2-Chloroethyl)ether   | 6.446  | 93   | 267136   | 43.670  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.646  | 146  | 314545   | 41.846  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.722  | 146  | 319904   | 42.256  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.875  | 146  | 300223   | 43.119  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.863  | 79   | 224871   | 36.768  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.981  | 45   | 407234   | 40.284  | ng    | # 9      |
| 17) 2-Methylphenol            | 7.140  | 107  | 312346   | 44.478  | ng    | # 80     |
| 18) Hexachloroethane          | 7.210  | 117  | 120732   | 43.984  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.128  | 70   | 216357   | 44.958  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.140  | 107  | 312346   | 44.478  | ng    | # 81     |
| 22) Acetophenone              | 7.122  | 105  | 427109   | 39.854  | ng    | 96       |
| 24) Nitrobenzene              | 7.298  | 77   | 330395   | 42.324  | ng    | 100      |
| 25) Isophorone                | 7.540  | 82   | 582350   | 45.555  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.610  | 139  | 153876   | 41.990  | ng    | # 89     |
| 27) 2,4-Dimethylphenol        | 7.663  | 122  | 262008   | 48.482  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.745  | 93   | 336785   | 40.787  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.863  | 162  | 256729   | 42.282  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 7.934  | 180  | 275209   | 41.032  | ng    | 98       |
| 31) Naphthalene               | 8.010  | 128  | 848599   | 41.609  | ng    | 99       |
| 32) Benzoic acid              | 7.834  | 122  | 94445    | 39.798  | ng    | 91       |
| 33) 4-Chloroaniline           | 8.069  | 127  | 220899   | 28.108  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.122  | 225  | 183185   | 42.458  | ng    | 99       |
| 35) Caprolactam               | 8.463  | 113  | 38895    | 23.700  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.581  | 107  | 285428   | 47.747  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.704  | 142  | 546967   | 48.063  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.804  | 142  | 518998   | 47.462  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.869  | 216  | 286296   | 38.586  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.851  | 237  | 147737   | 70.273  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 8.998  | 196  | 164102   | 38.577  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol     | 9.051  | 196  | 174196   | 39.330  | ng    | 97       |

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Quant Time: Jun 27 06:34:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 05:55:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.169  | 154  | 699665   | 41.493    | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.192  | 162  | 533845   | 40.681    | ng    | 98       |
| 48) 2-Nitroaniline            | 9.304  | 65   | 197992   | 42.404    | ng    | 99       |
| 49) Acenaphthylene            | 9.610  | 152  | 858637   | 43.563    | ng    | 98       |
| 50) Dimethylphthalate         | 9.481  | 163  | 644929   | 41.813    | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.545  | 165  | 142058   | 43.971    | ng    | # 78     |
| 52) Acenaphthene              | 9.781  | 154  | 493056   | 41.403    | ng    | 99       |
| 53) 3-Nitroaniline            | 9.716  | 138  | 100761   | 28.329    | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.839  | 184  | 119331   | 76.234    | ng    | 89       |
| 55) Dibenzofuran              | 9.951  | 168  | 734041   | 39.793    | ng    | 92       |
| 56) 4-Nitrophenol             | 9.916  | 139  | 119681   | 93.808    | ng    | # 74     |
| 57) 2,4-Dinitrotoluene        | 9.957  | 165  | 181627   | 42.762    | ng    | # 83     |
| 58) Fluorene                  | 10.298 | 166  | 607078   | 41.808    | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.081 | 232  | 143012   | 44.313    | ng    | 95       |
| 60) Diethylphthalate          | 10.181 | 149  | 636020   | 42.365    | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.286 | 204  | 301241   | 40.680    | ng    | 93       |
| 62) 4-Nitroaniline            | 10.339 | 138  | 135490   | 40.353    | ng    | 86       |
| 63) Azobenzene                | 10.451 | 77   | 642767   | 41.808    | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.369 | 198  | 97766    | 27.872    | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.410 | 169  | 554367   | 29.465    | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.775 | 248  | 262026   | 39.010    | ng    | 93       |
| 68) Hexachlorobenzene         | 10.845 | 284  | 297216   | 40.167    | ng    | 92       |
| 69) Atrazine                  | 10.945 | 200  | 250863   | 44.459    | ng    | 96       |
| 70) Pentachlorophenol         | 11.051 | 266  | 151294   | 87.041    | ng    | 98       |
| 71) Phenanthrene              | 11.257 | 178  | 1229998  | 40.548    | ng    | 99       |
| 72) Anthracene                | 11.310 | 178  | 1241875  | 41.040    | ng    | 99       |
| 73) Carbazole                 | 11.475 | 167  | 1068504  | 37.261    | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.798 | 149  | 1310536  | 40.251    | ng    | 99       |
| 75) Fluoranthene              | 12.445 | 202  | 1324992  | 42.502    | ng    | 98       |
| 77) Benzidine                 | 12.575 | 184  | 379977   | Below Cal |       | 98       |
| 78) Pyrene                    | 12.675 | 202  | 1310906  | 42.685    | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.292 | 149  | 537738   | 43.679    | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.869 | 228  | 1109902  | 41.643    | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.833 | 252  | 300783   | 49.794    | ng    | 97       |
| 83) Chrysene                  | 13.910 | 228  | 1028468  | 40.344    | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.851 | 149  | 709238   | 44.383    | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.469 | 149  | 1013244  | 41.183    | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.715 | 276  | 588643   | 42.551    | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 14.904 | 252  | 693253   | 48.452    | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 14.933 | 252  | 638156   | 45.275    | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.251 | 252  | 603570   | 51.992    | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 16.721 | 278  | 524082   | 45.974    | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.139 | 276  | 515386   | 45.536    | ng    | # 93     |

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

**Instrument :**

BNA F

ClientSampleId :

PB145737BS

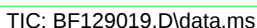
Quant Time: Jun 27 06:34:32 2022

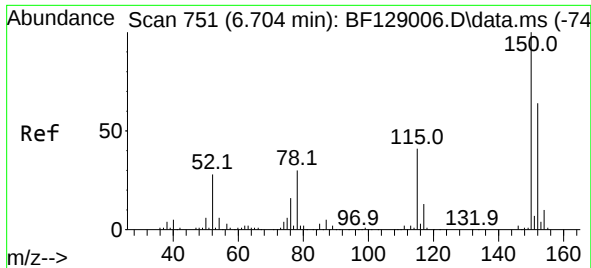
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 05:55:00 2022

Response via : Initial Calibration

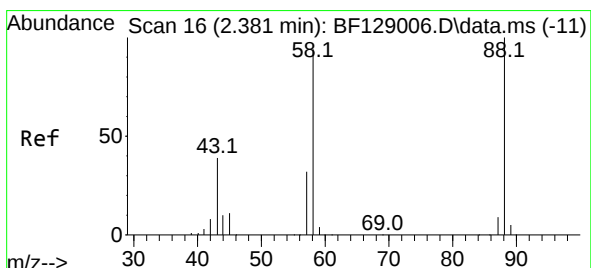
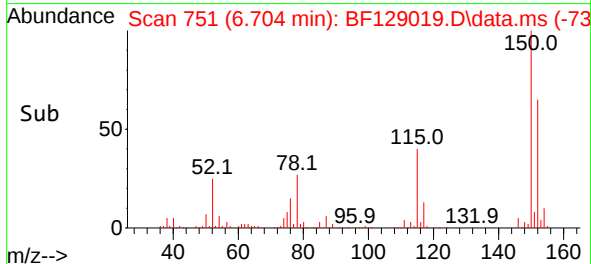
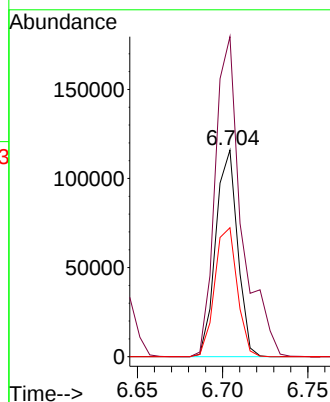
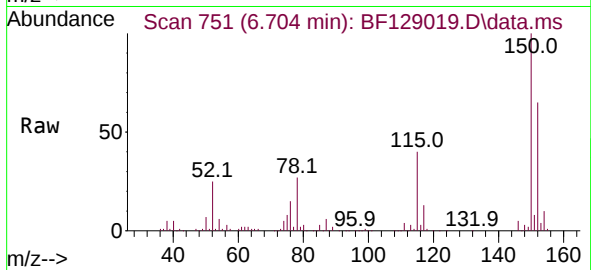




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.704 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF129019.D  
 Acq: 26 Jun 2022 22:22

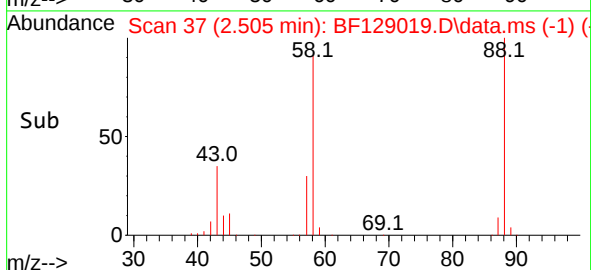
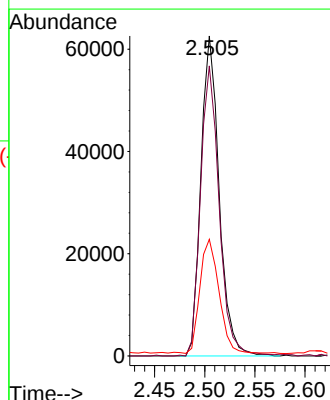
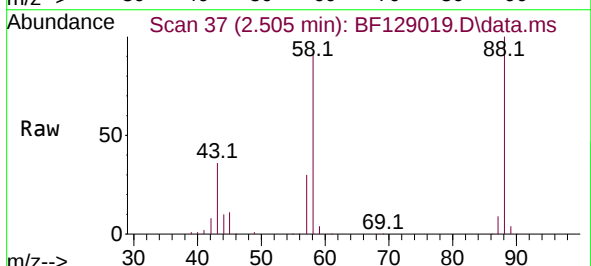
Instrument :  
 BNA\_F  
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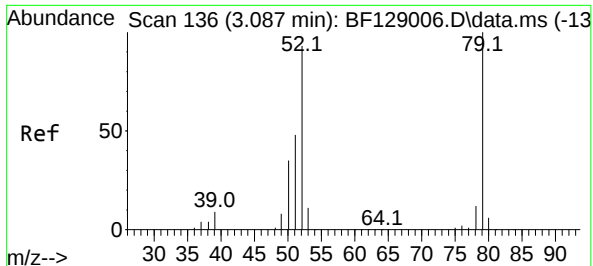
Tgt Ion:152 Resp: 103555  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 123.7 185.5  
 115 62.4 49.9 74.9



#2  
 1,4-Dioxane  
 Concen: 43.977 ng  
 RT: 2.505 min Scan# 37  
 Delta R.T. 0.124 min  
 Lab File: BF129019.D  
 Acq: 26 Jun 2022 22:22

Tgt Ion: 88 Resp: 79626  
 Ion Ratio Lower Upper  
 88 100  
 58 92.4 71.8 107.8  
 43 36.9 26.6 39.8





#3

Pyridine

Concen: 44.558 ng

RT: 3.205 min Scan# 11

Delta R.T. 0.118 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

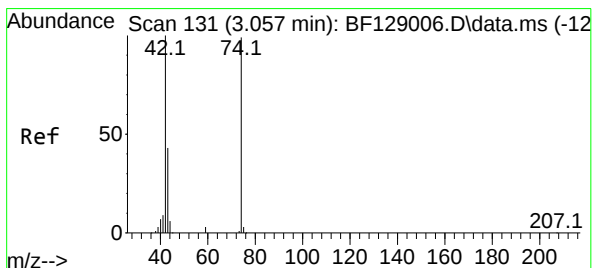
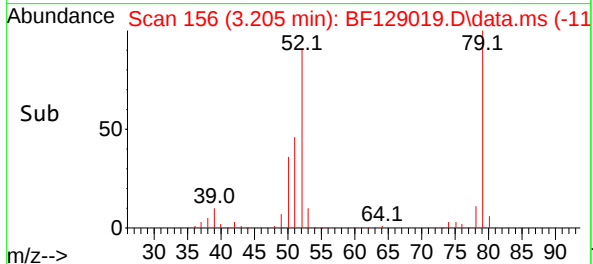
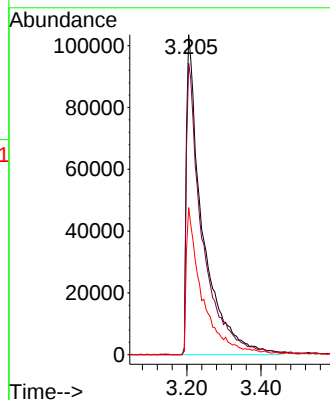
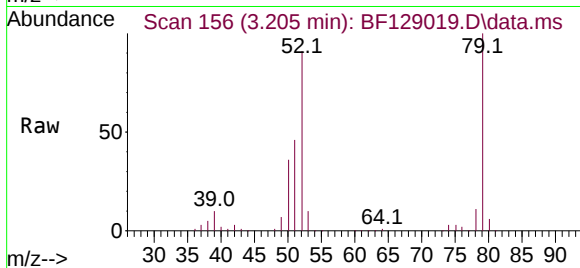
Tgt Ion: 79 Resp: 311433

Ion Ratio Lower Upper

79 100

52 91.0 68.6 102.8

51 46.0 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 56.039 ng

RT: 3.175 min Scan# 151

Delta R.T. 0.118 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

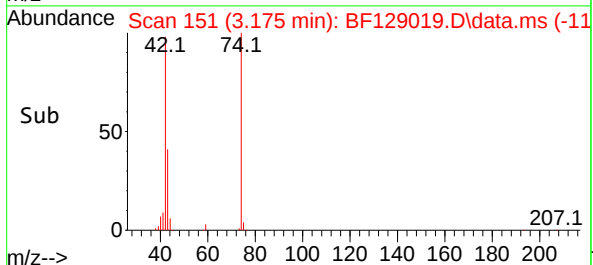
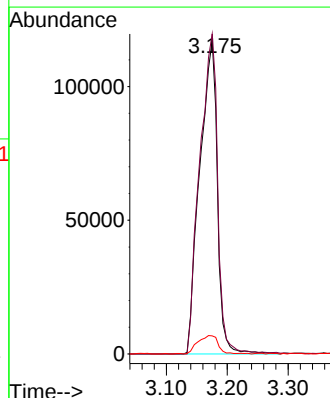
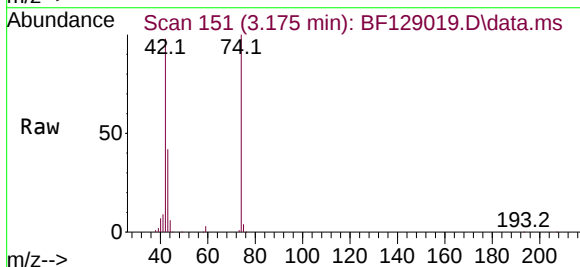
Tgt Ion: 42 Resp: 234119

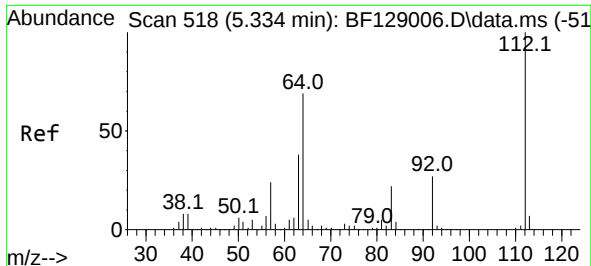
Ion Ratio Lower Upper

42 100

74 102.1 94.8 142.2

44 5.8 6.6 10.0#

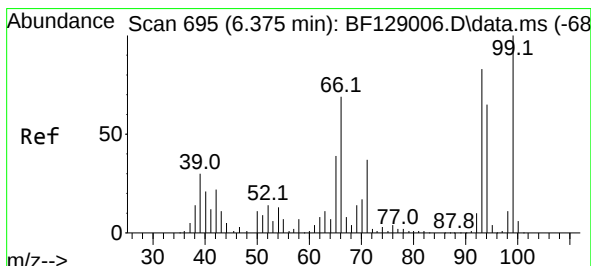
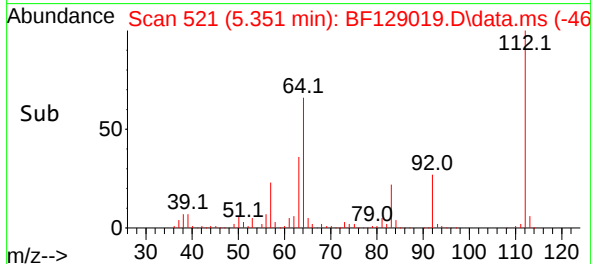
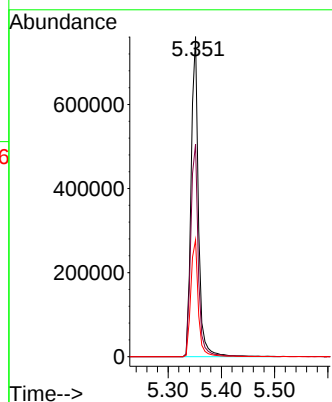
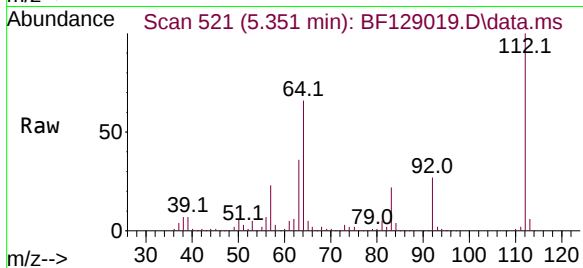




#5  
2-Fluorophenol  
Concen: 109.178 ng  
RT: 5.351 min Scan# 518  
Delta R.T. 0.018 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

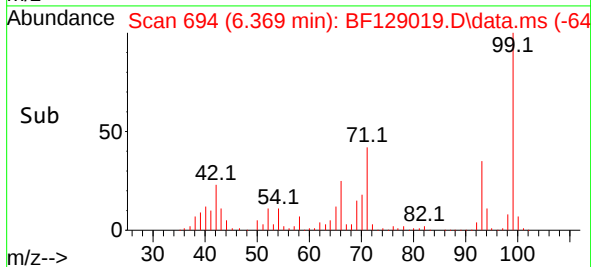
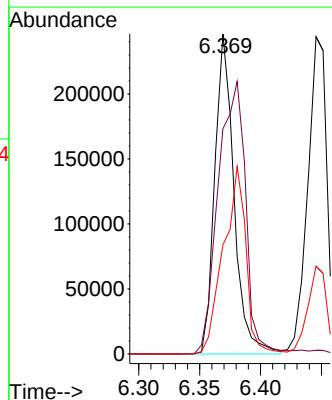
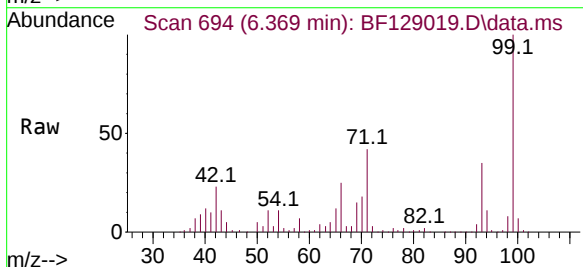
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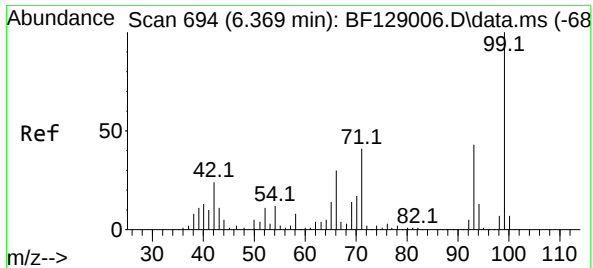
Tgt Ion:112 Resp: 728264  
Ion Ratio Lower Upper  
112 100  
64 66.5 53.3 79.9  
63 36.5 28.0 42.0



#6  
Aniline  
Concen: 31.943 ng  
RT: 6.369 min Scan# 694  
Delta R.T. -0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion: 93 Resp: 269282  
Ion Ratio Lower Upper  
93 100  
66 70.4 32.5 48.7#  
65 34.1 16.4 24.6#

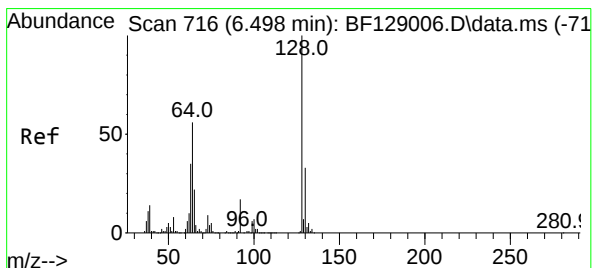
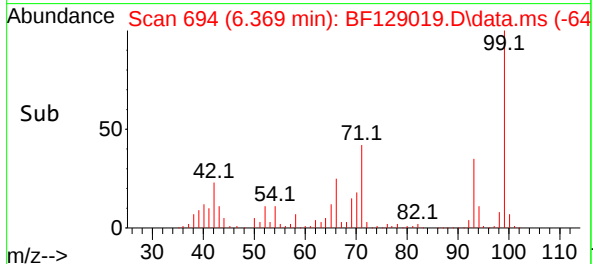
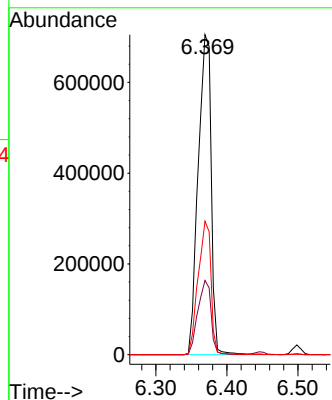
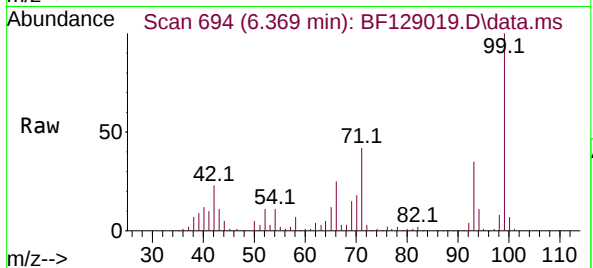




#7  
Phenol-d6  
Concen: 115.607 ng  
RT: 6.369 min Scan# 694  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

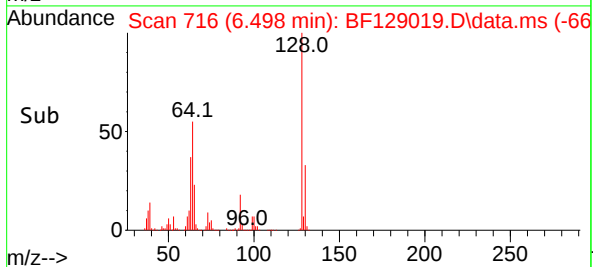
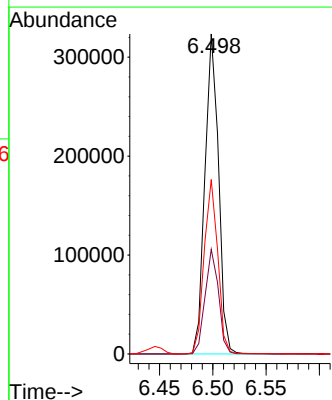
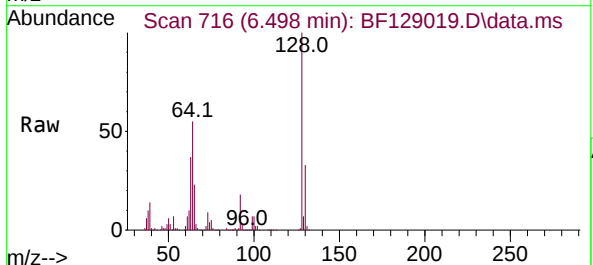
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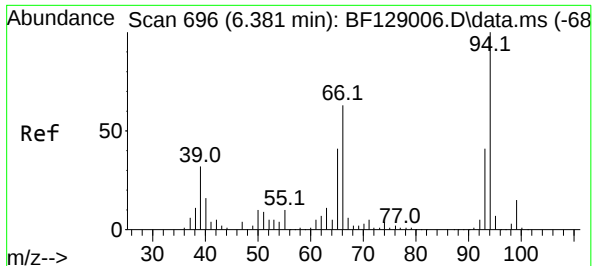
Tgt Ion: 99 Resp: 901435  
Ion Ratio Lower Upper  
99 100  
42 23.2 17.3 25.9  
71 41.7 28.9 43.3



#8  
2-Chlorophenol  
Concen: 44.095 ng  
RT: 6.498 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion: 128 Resp: 288709  
Ion Ratio Lower Upper  
128 100  
130 32.7 13.1 53.1  
64 54.5 30.9 70.9





#10

Phenol

Concen: 43.798 ng

RT: 6.381 min Scan# 696

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

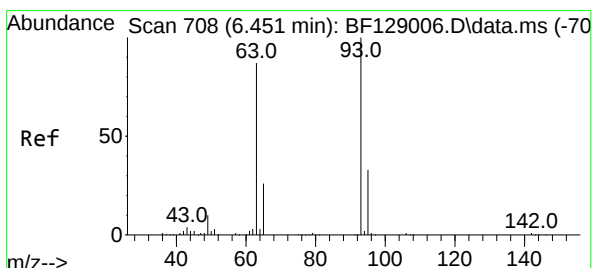
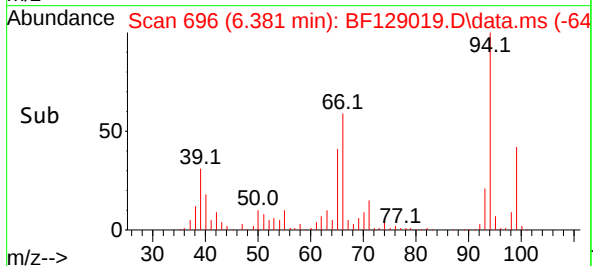
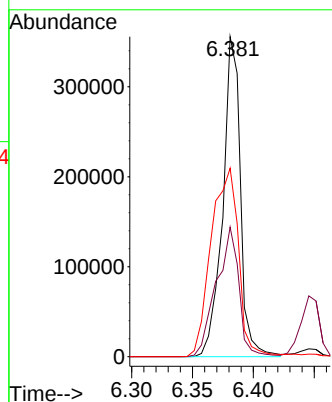
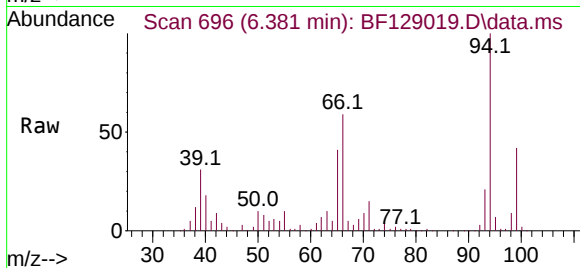
Tgt Ion: 94 Resp: 360676

Ion Ratio Lower Upper

94 100

65 40.5 11.4 51.4

66 58.9 21.4 61.4



#11

bis(2-Chloroethyl)ether

Concen: 43.670 ng

RT: 6.446 min Scan# 707

Delta R.T. -0.006 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

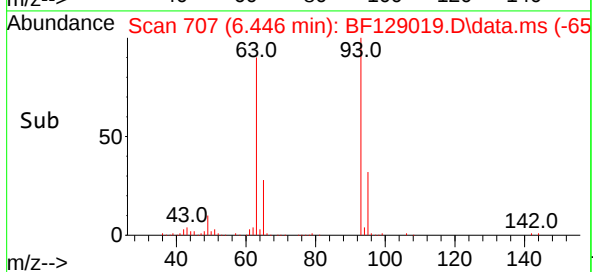
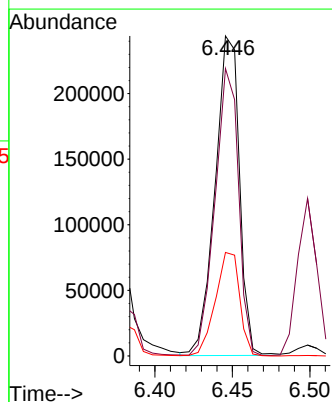
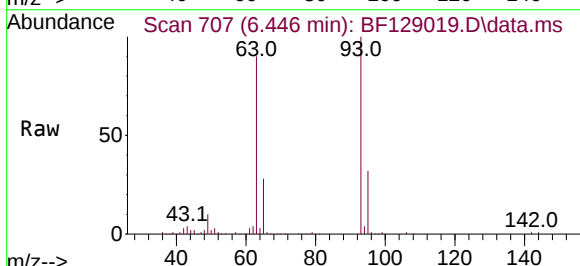
Tgt Ion: 93 Resp: 267136

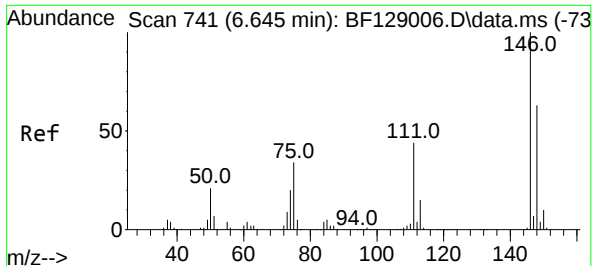
Ion Ratio Lower Upper

93 100

63 89.8 67.4 107.4

95 32.4 12.7 52.7





#12

1,3-Dichlorobenzene

Concen: 41.846 ng

RT: 6.646 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

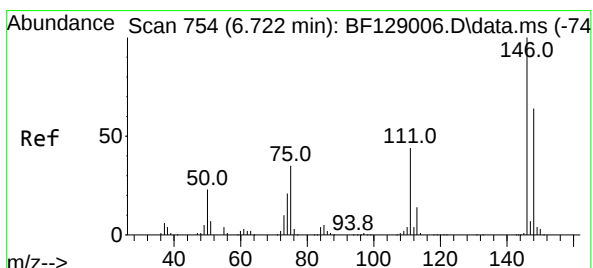
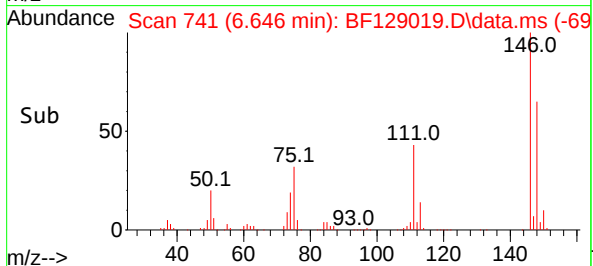
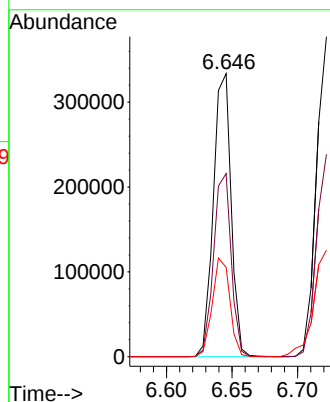
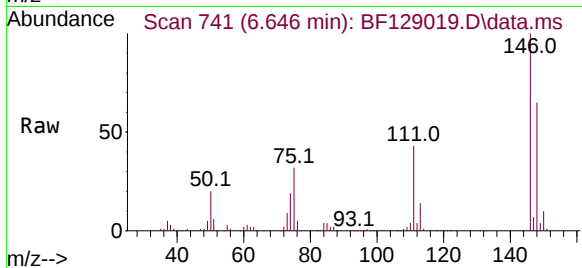
Tgt Ion:146 Resp: 314545

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

75 31.6 26.3 39.5



#13

1,4-Dichlorobenzene

Concen: 42.256 ng

RT: 6.722 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

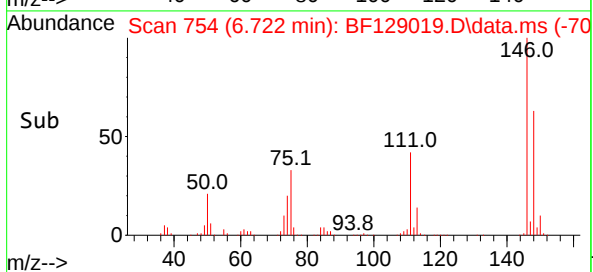
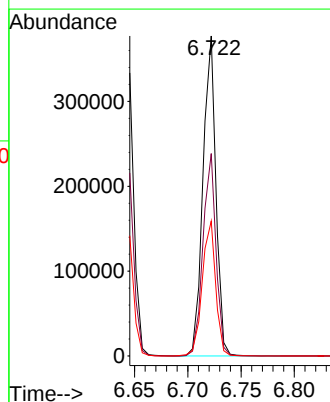
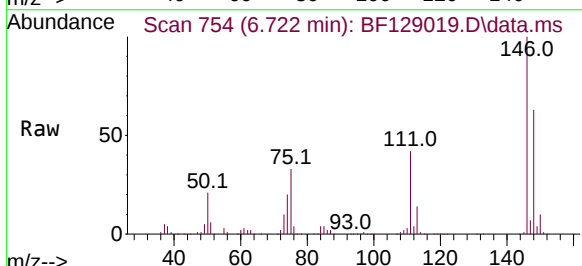
Tgt Ion:146 Resp: 319904

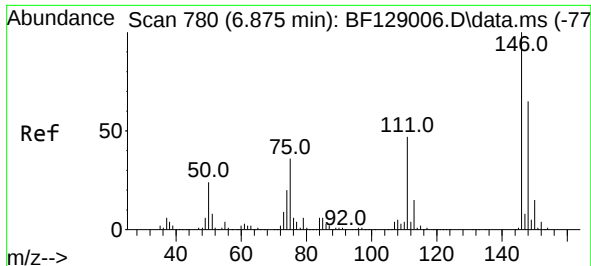
Ion Ratio Lower Upper

146 100

148 63.2 51.1 76.7

111 42.1 34.2 51.4

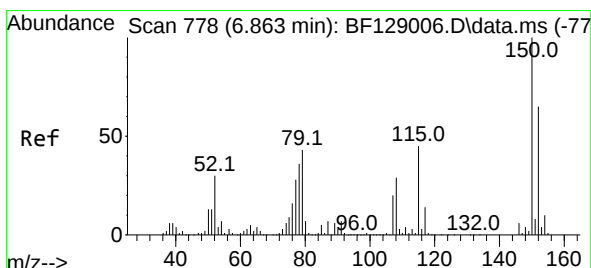
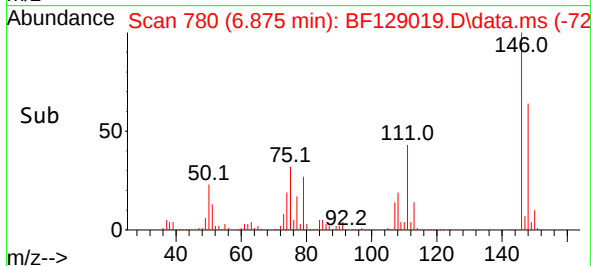
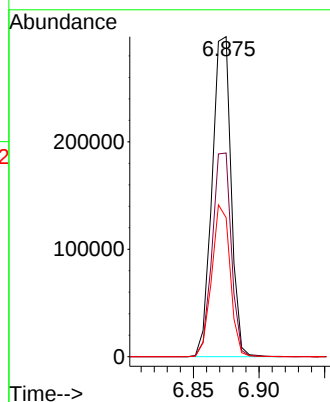
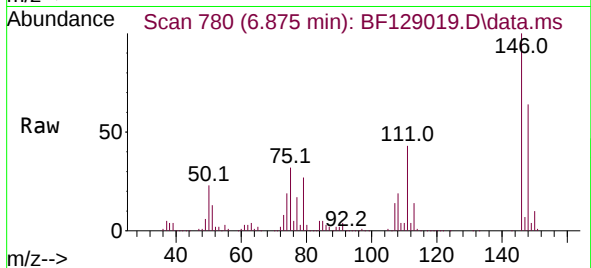




#14  
1,2-Dichlorobenzene  
Concen: 43.119 ng  
RT: 6.875 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

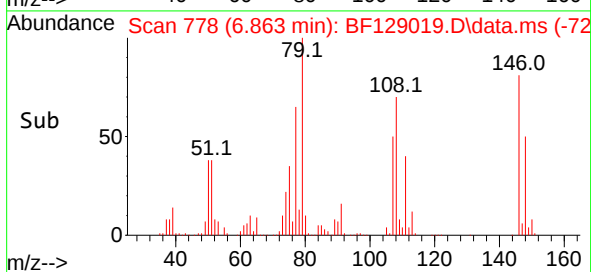
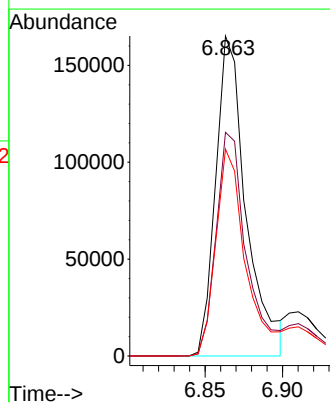
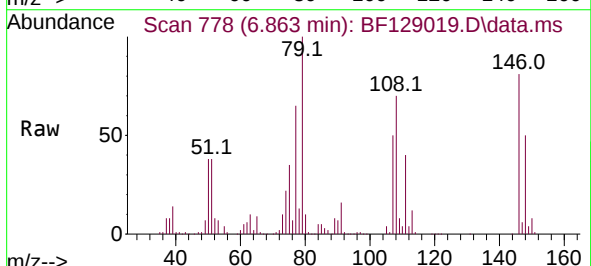
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

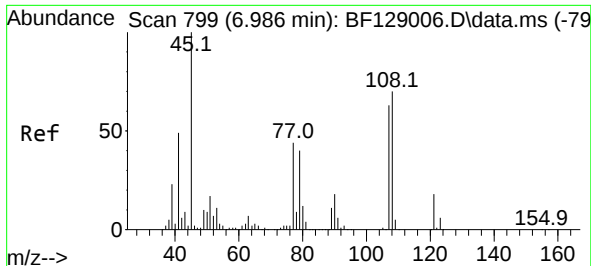
Tgt Ion:146 Resp: 300223  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.8 77.8  
111 43.4 35.1 52.7



#15  
Benzyl Alcohol  
Concen: 36.768 ng  
RT: 6.863 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion: 79 Resp: 224871  
Ion Ratio Lower Upper  
79 100  
108 69.9 61.8 92.6  
77 64.7 50.2 75.4

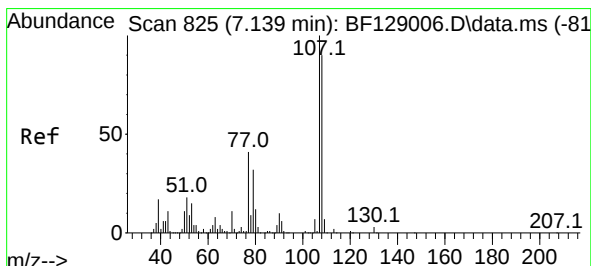
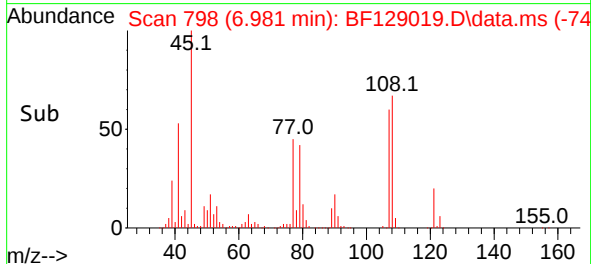
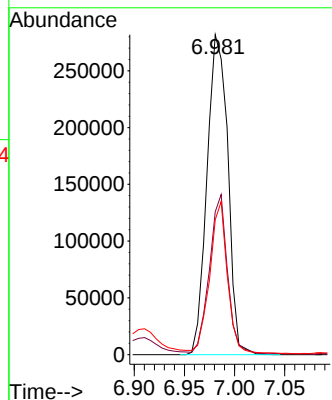
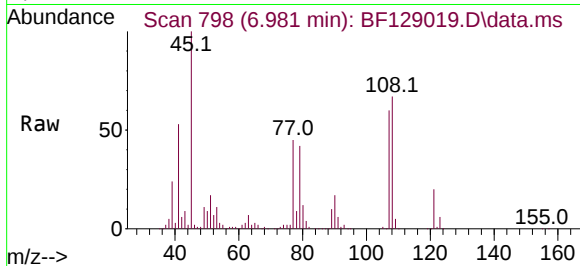




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.284 ng  
RT: 6.981 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

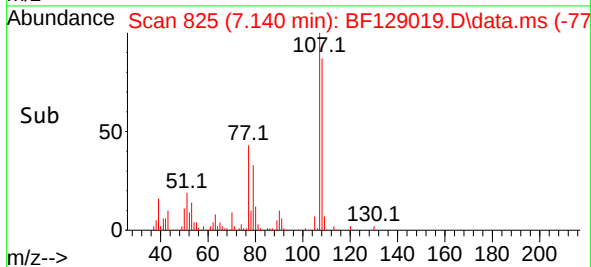
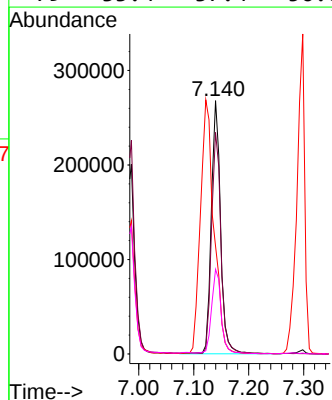
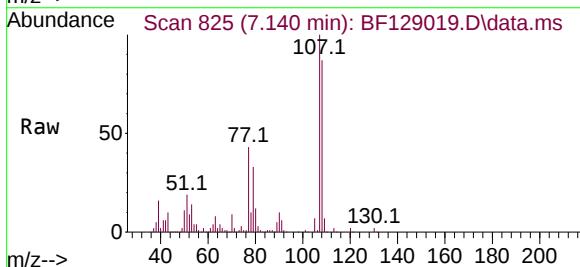
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

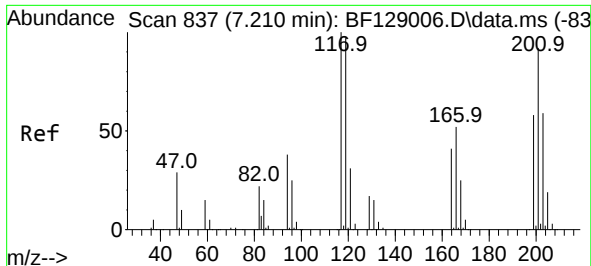
Tgt Ion: 45 Resp: 407234  
Ion Ratio Lower Upper  
45 100  
77 44.7 0.0 31.3#  
79 42.2 0.0 28.3#



#17  
2-Methylphenol  
Concen: 44.478 ng  
RT: 7.140 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion: 107 Resp: 312346  
Ion Ratio Lower Upper  
107 100  
108 87.4 91.9 137.9#  
77 42.5 37.8 56.8  
79 33.4 37.4 56.0#

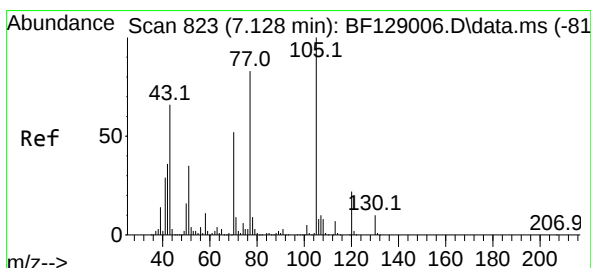
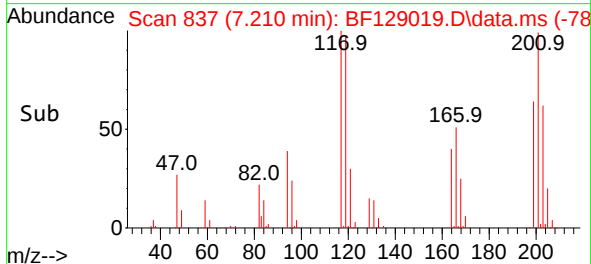
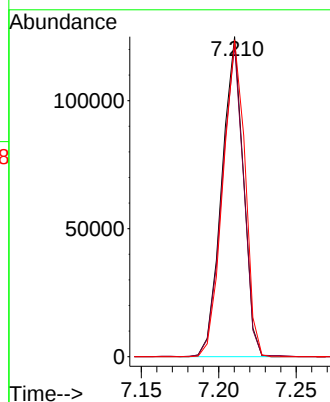
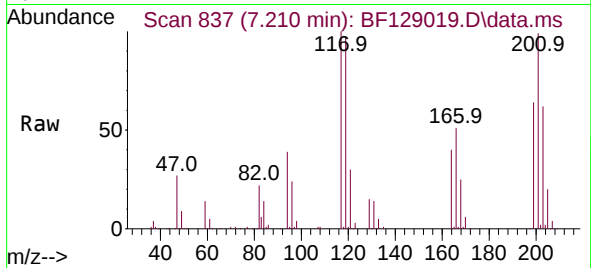




#18  
Hexachloroethane  
Concen: 43.984 ng  
RT: 7.210 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

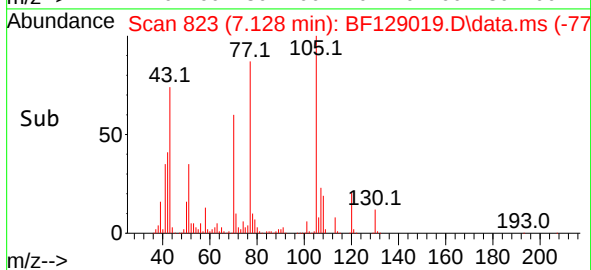
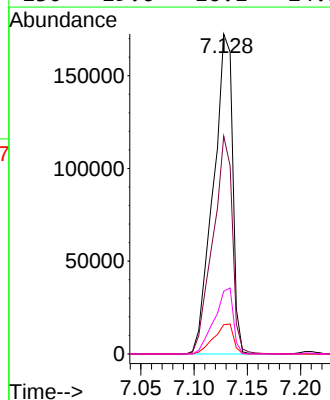
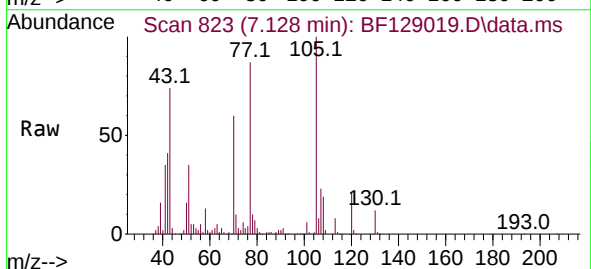
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

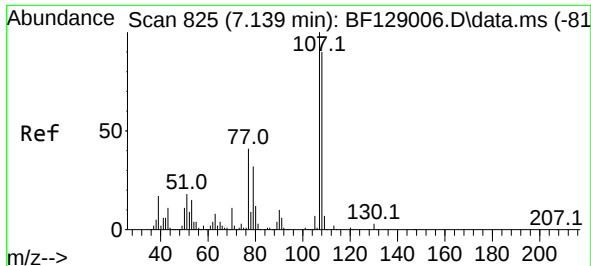
Tgt Ion:117 Resp: 120732  
Ion Ratio Lower Upper  
117 100  
119 97.3 77.4 116.2  
201 99.0 84.6 127.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 44.958 ng  
RT: 7.128 min Scan# 823  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion: 70 Resp: 216357  
Ion Ratio Lower Upper  
70 100  
42 68.1 52.3 78.5  
101 9.2 7.5 11.3  
130 19.6 16.1 24.1



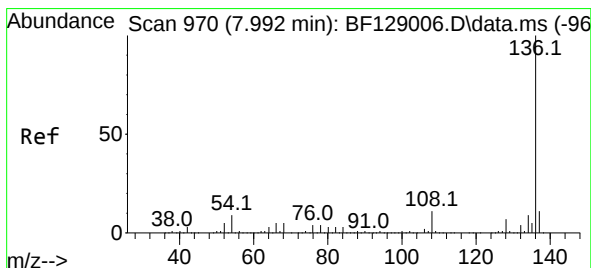
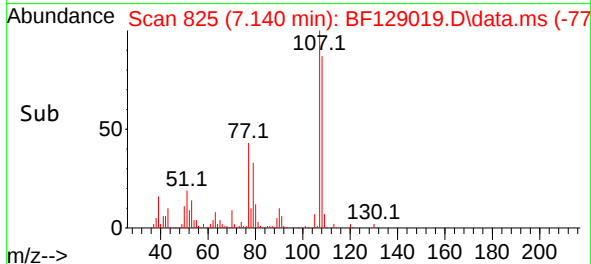
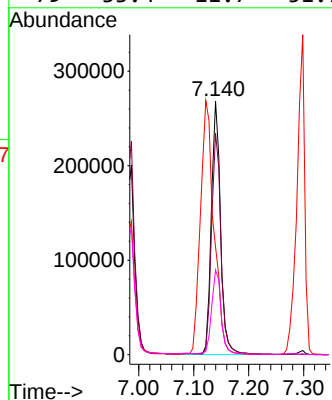
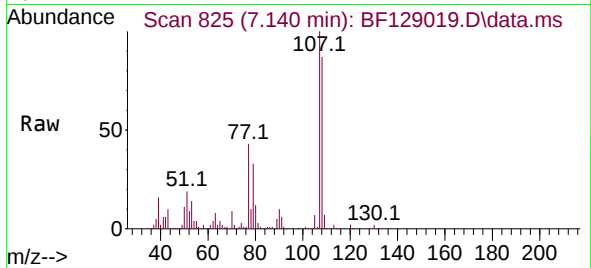


#20  
3+4-Methylphenols  
Concen: 44.478 ng  
RT: 7.140 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

Tgt Ion:107 Resp: 312346

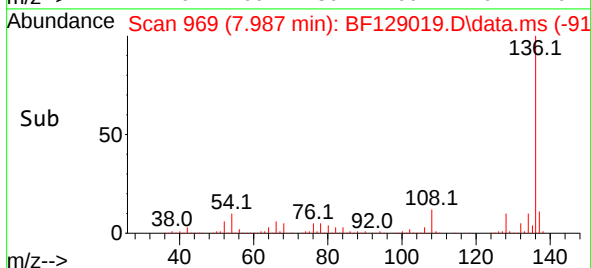
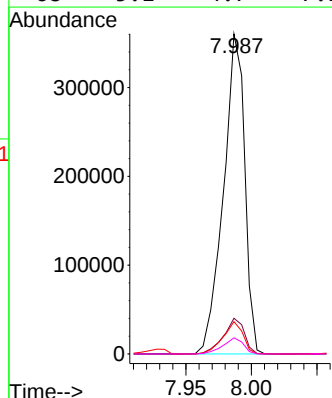
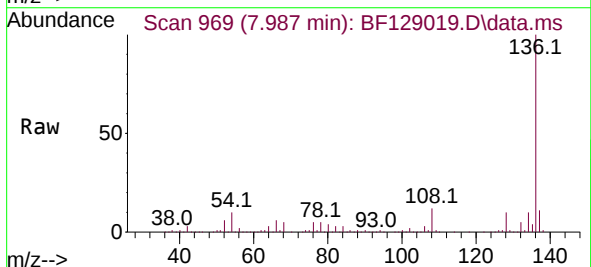
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.4  | 71.8  | 111.8 |
| 77  | 42.5  | 59.3  | 99.3  |
| 79  | 33.4  | 11.7  | 51.7  |

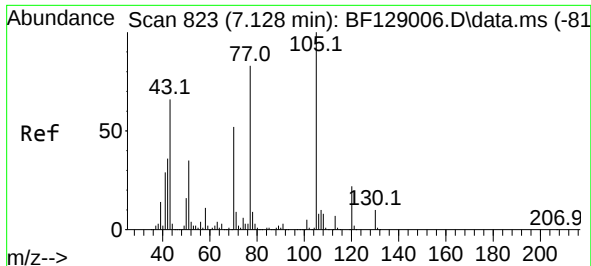


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.987 min Scan# 969  
Delta R.T. -0.005 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:136 Resp: 406066

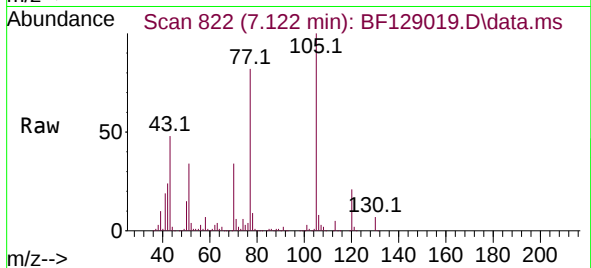
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.8   | 13.2  |
| 54  | 10.1  | 7.5   | 11.3  |
| 68  | 5.1   | 4.7   | 7.1   |



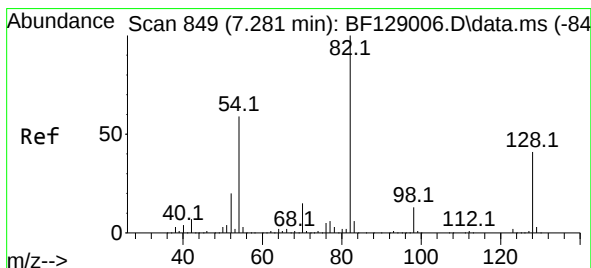
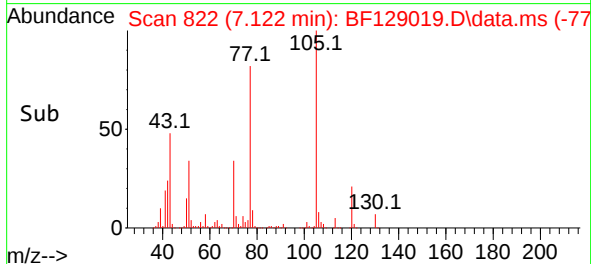
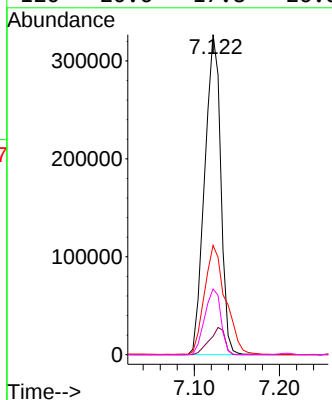


#22  
Acetophenone  
Concen: 39.854 ng  
RT: 7.122 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

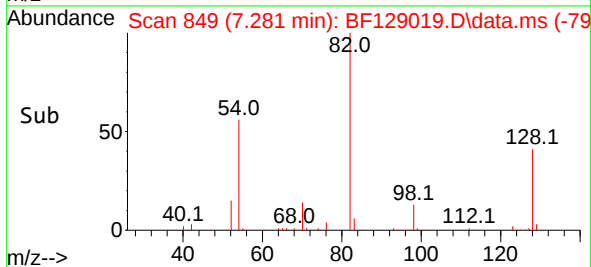
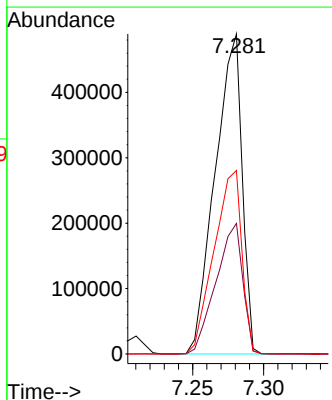
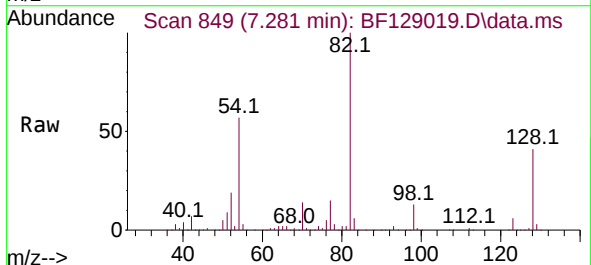


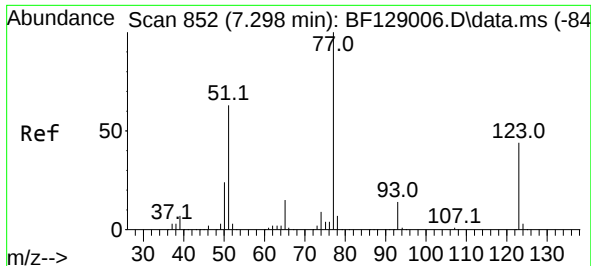
Tgt Ion:105 Resp: 427109  
Ion Ratio Lower Upper  
105 100  
71 5.8 5.0 7.4  
51 34.1 25.0 37.4  
120 20.6 17.8 26.8



#23  
Nitrobenzene-d5  
Concen: 76.582 ng  
RT: 7.281 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion: 82 Resp: 645949  
Ion Ratio Lower Upper  
82 100  
128 40.8 34.0 51.0  
54 57.4 46.9 70.3

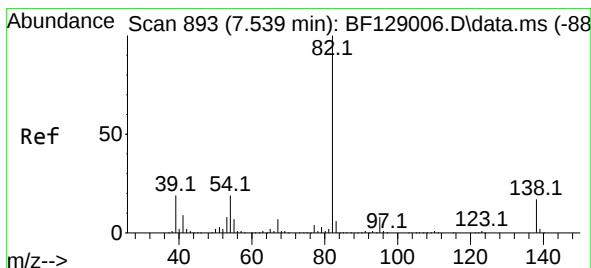
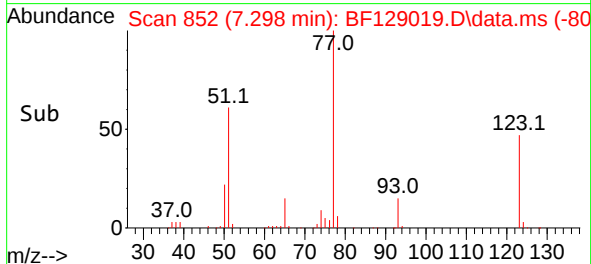
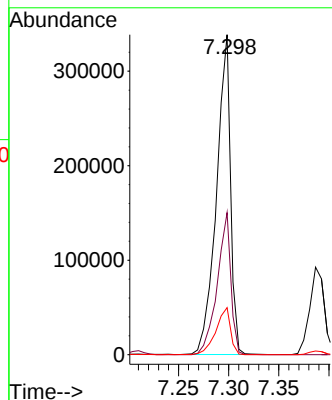
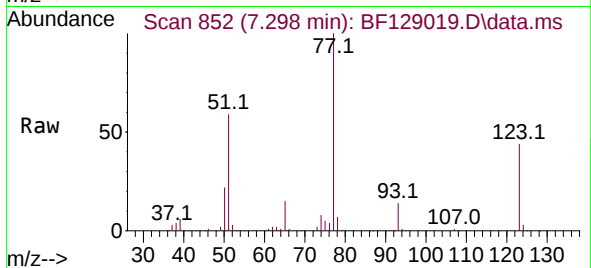




#24  
Nitrobenzene  
Concen: 42.324 ng  
RT: 7.298 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

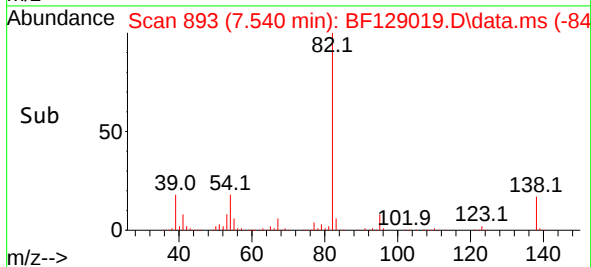
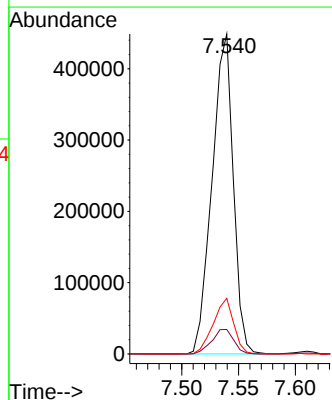
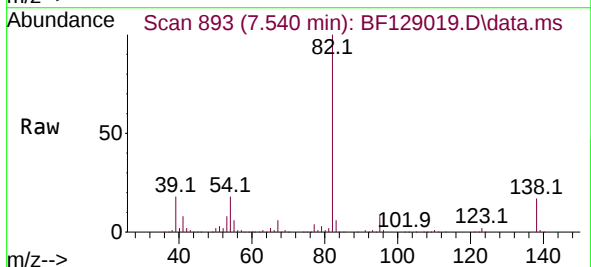
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

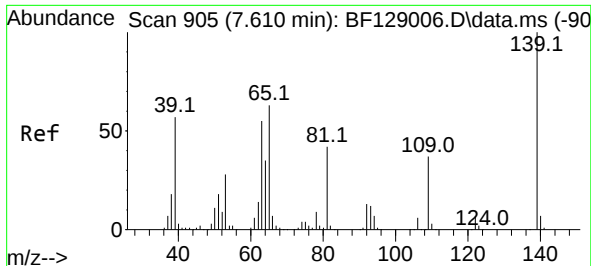
Tgt Ion: 77 Resp: 330395  
Ion Ratio Lower Upper  
77 100  
123 44.4 35.4 53.2  
65 14.7 11.8 17.8



#25  
Isophorone  
Concen: 45.555 ng  
RT: 7.540 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion: 82 Resp: 582350  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.7 8.5  
138 17.4 14.2 21.2

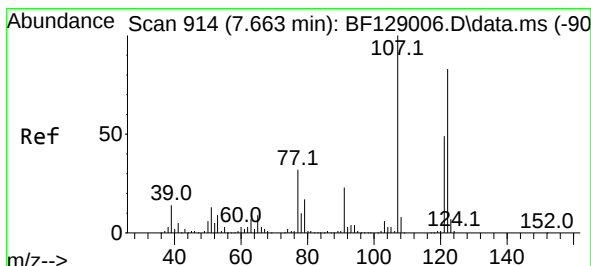
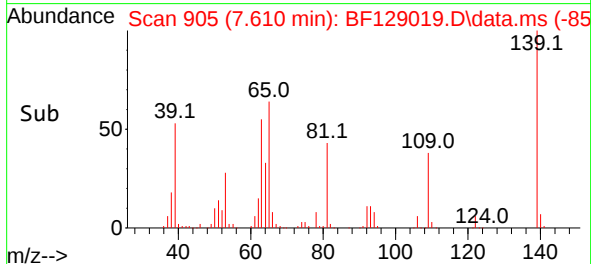
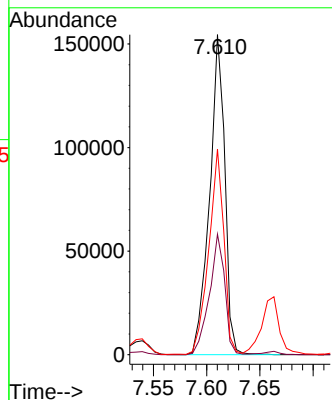
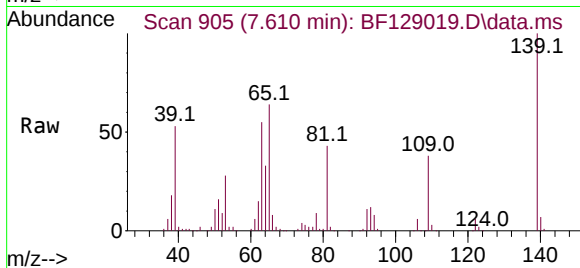




#26  
2-Nitrophenol  
Concen: 41.990 ng  
RT: 7.610 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

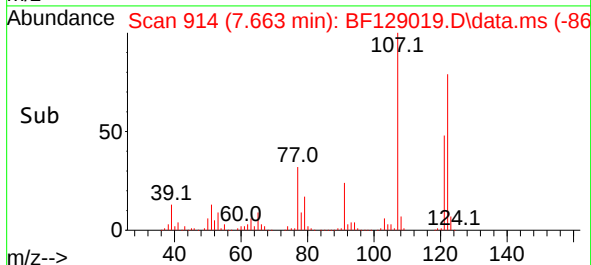
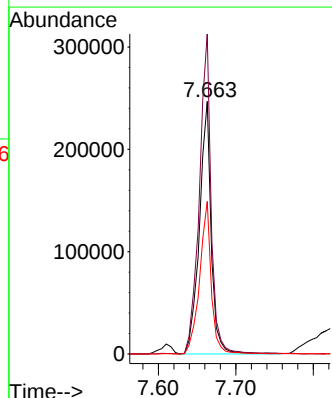
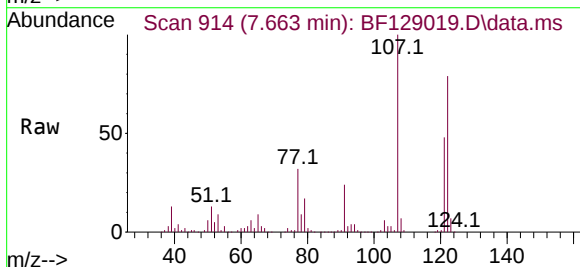
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

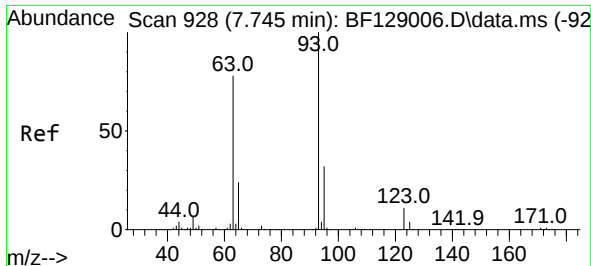
Tgt Ion:139 Resp: 153876  
Ion Ratio Lower Upper  
139 100  
109 37.6 25.0 37.4#  
65 64.3 45.1 67.7



#27  
2,4-Dimethylphenol  
Concen: 48.482 ng  
RT: 7.663 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:122 Resp: 262008  
Ion Ratio Lower Upper  
122 100  
107 126.7 93.0 139.6  
121 60.4 46.6 70.0

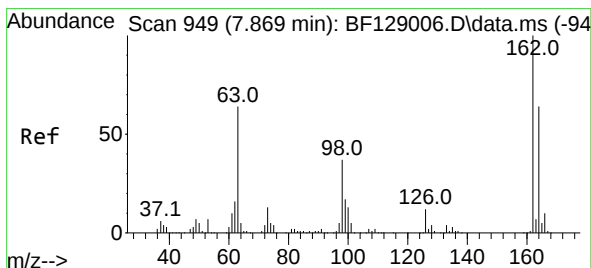
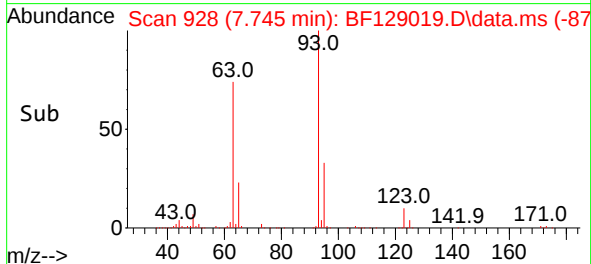
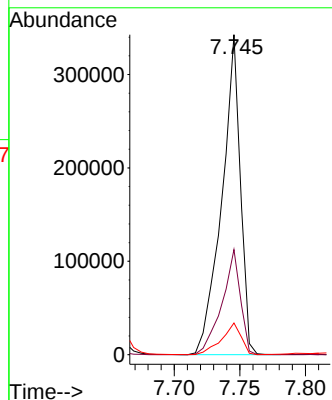
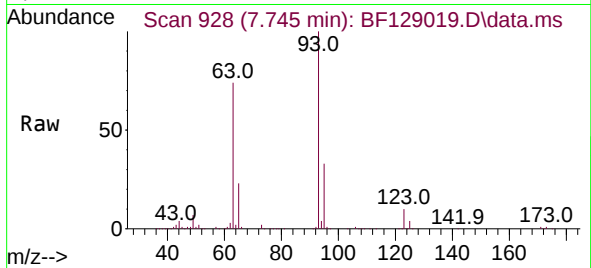




#28  
bis(2-Chloroethoxy)methane  
Concen: 40.787 ng  
RT: 7.745 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

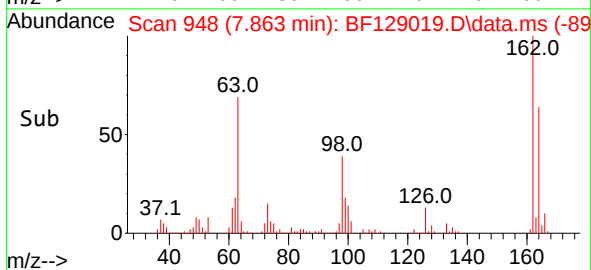
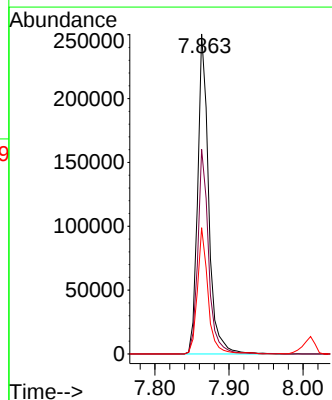
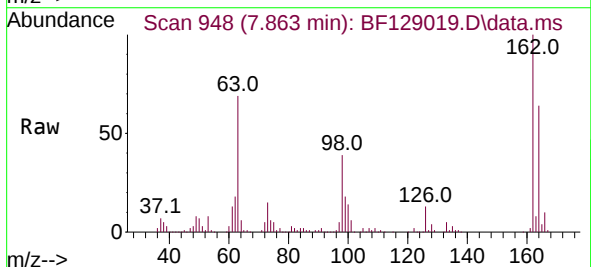
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

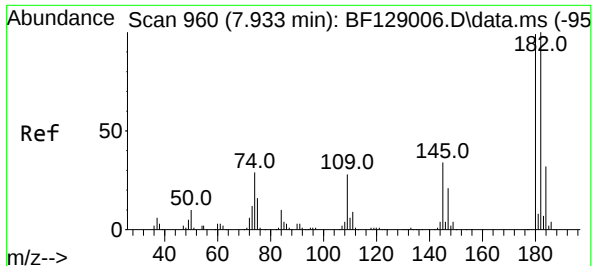
Tgt Ion: 93 Resp: 336785  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.8 40.2  
123 9.9 9.2 13.8



#29  
2,4-Dichlorophenol  
Concen: 42.282 ng  
RT: 7.863 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:162 Resp: 256729  
Ion Ratio Lower Upper  
162 100  
164 64.0 44.2 84.2  
98 39.4 19.6 59.6

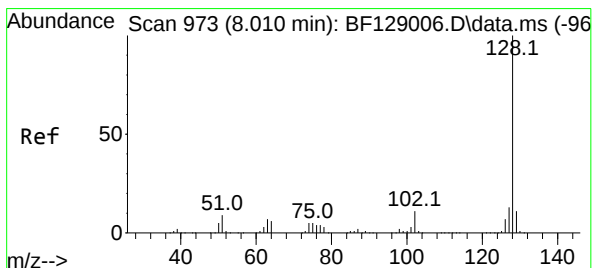
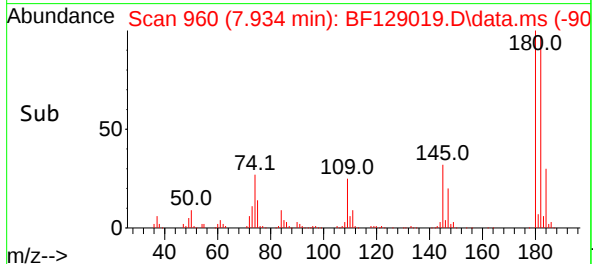
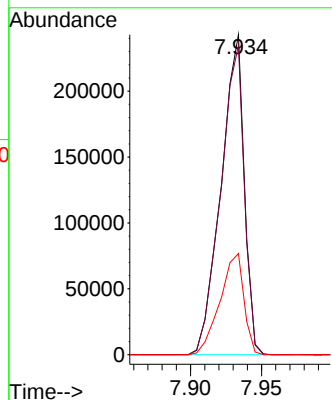
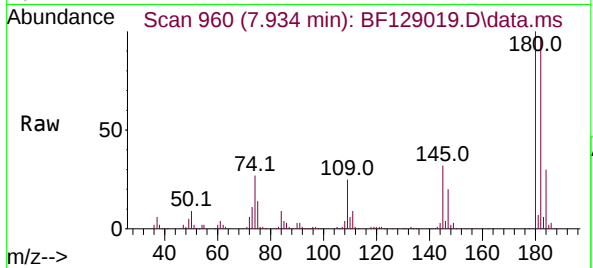




#30  
1,2,4-Trichlorobenzene  
Concen: 41.032 ng  
RT: 7.934 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

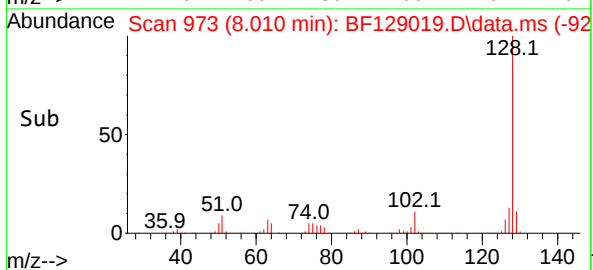
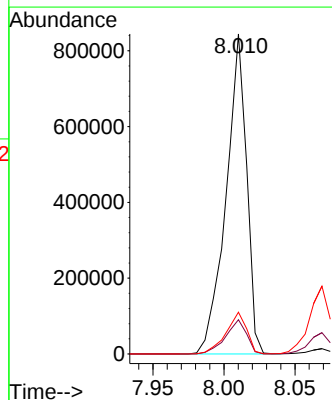
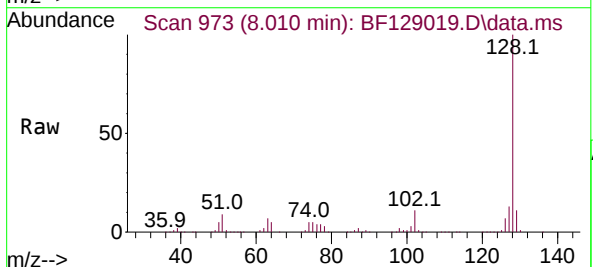
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

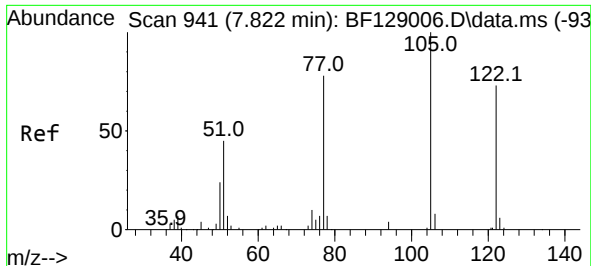
Tgt Ion:180 Resp: 275209  
Ion Ratio Lower Upper  
180 100  
182 96.6 79.2 118.8  
145 31.6 26.2 39.2



#31  
Naphthalene  
Concen: 41.609 ng  
RT: 8.010 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:128 Resp: 848599  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.2 13.8  
127 13.1 10.5 15.7





#32

Benzoic acid

Concen: 39.798 ng

RT: 7.834 min Scan# 941

Delta R.T. 0.012 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

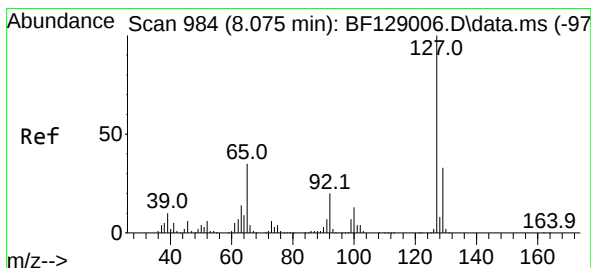
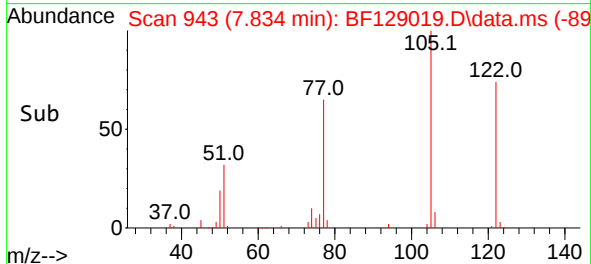
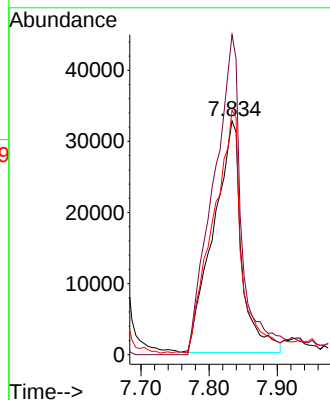
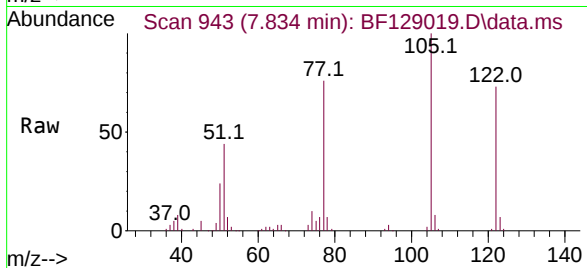
Tgt Ion:122 Resp: 94445

Ion Ratio Lower Upper

122 100

105 136.9 107.1 147.1

77 104.6 74.2 114.2



#33

4-Chloroaniline

Concen: 28.108 ng

RT: 8.069 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Tgt Ion:127 Resp: 220899

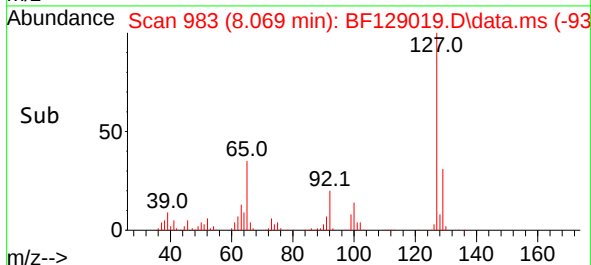
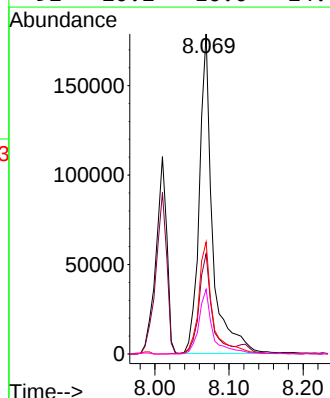
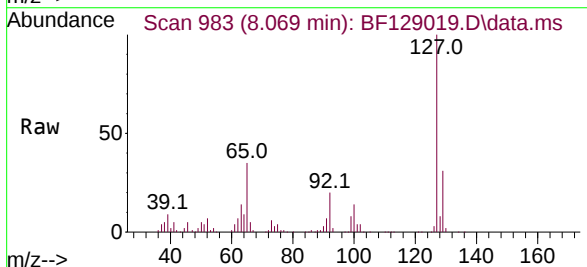
Ion Ratio Lower Upper

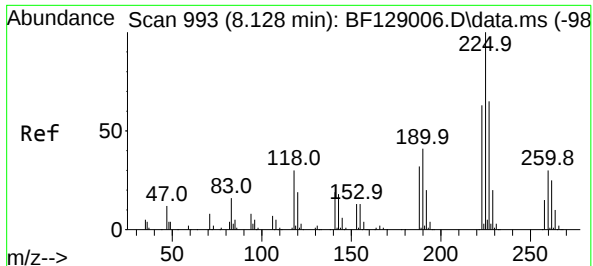
127 100

129 31.4 26.4 39.6

65 35.0 26.4 39.6

92 20.2 16.0 24.0

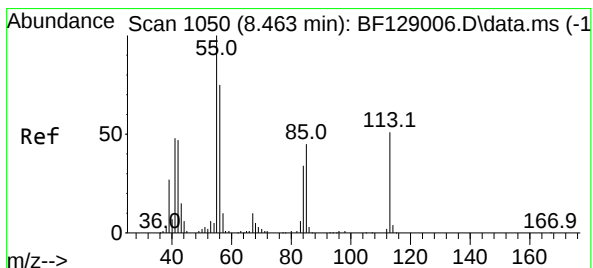
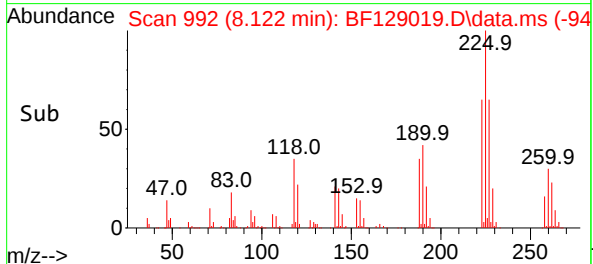
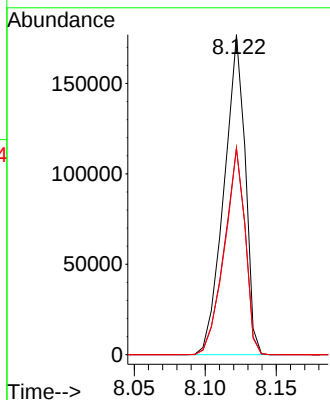
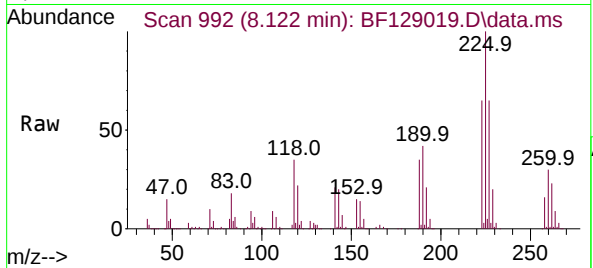




#34  
Hexachlorobutadiene  
Concen: 42.458 ng  
RT: 8.122 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

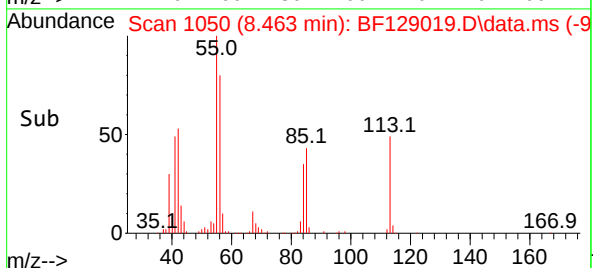
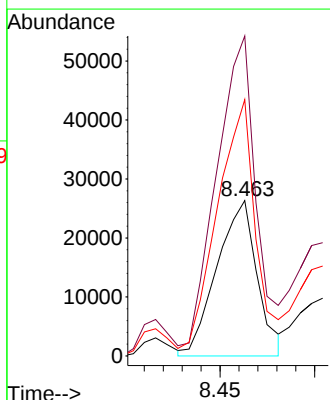
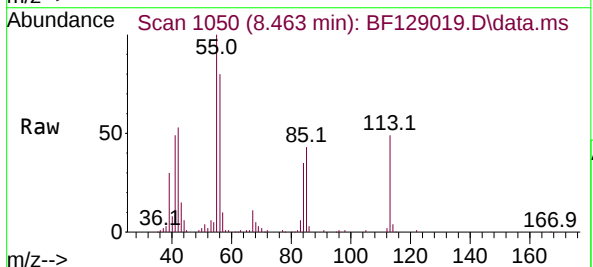
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

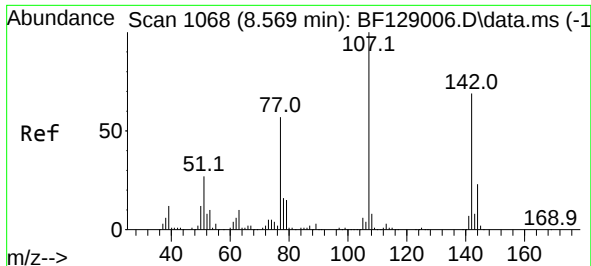
Tgt Ion:225 Resp: 183185  
Ion Ratio Lower Upper  
225 100  
223 64.6 51.0 76.6  
227 64.5 51.1 76.7



#35  
Caprolactam  
Concen: 23.700 ng  
RT: 8.463 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:113 Resp: 38895  
Ion Ratio Lower Upper  
113 100  
55 206.0 188.5 228.5  
56 165.0 130.6 170.6

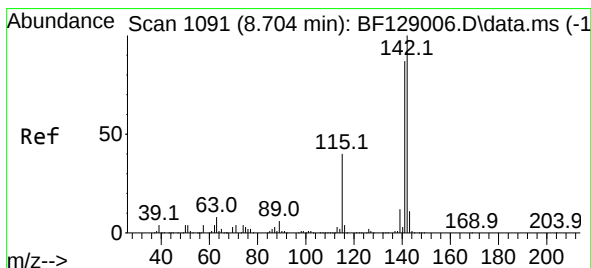
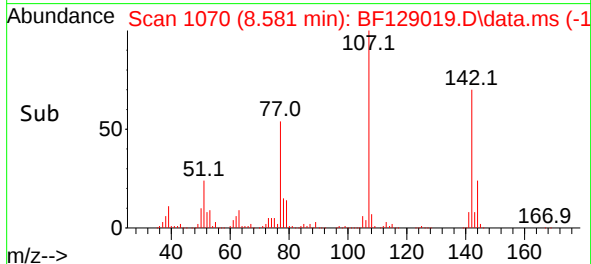
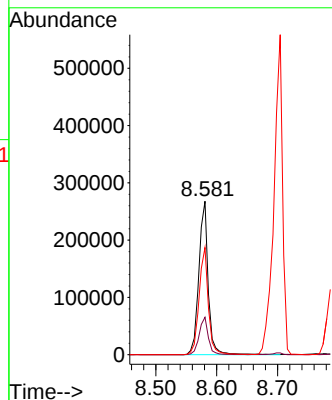
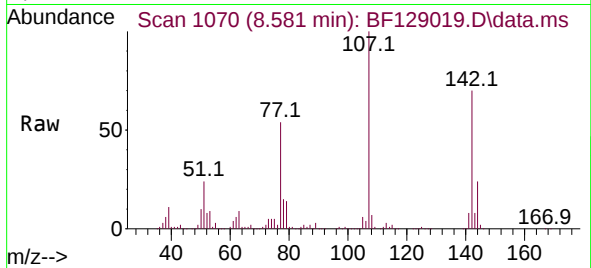




#36  
4-Chloro-3-methylphenol  
Concen: 47.747 ng  
RT: 8.581 min Scan# 1070  
Delta R.T. 0.012 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

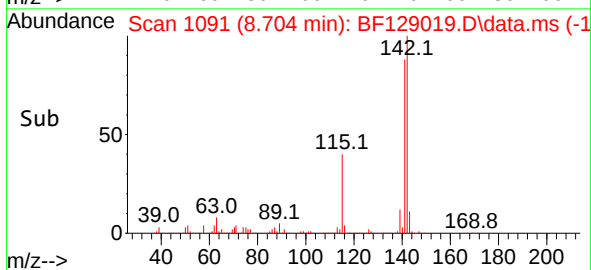
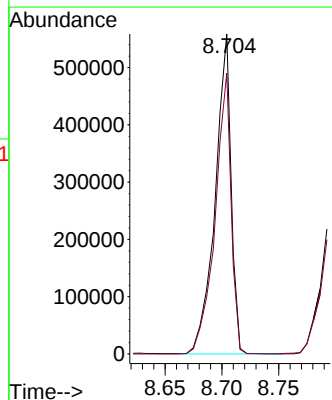
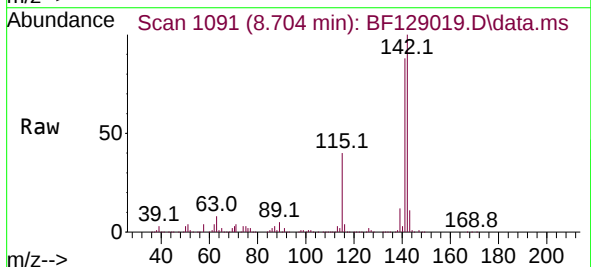
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

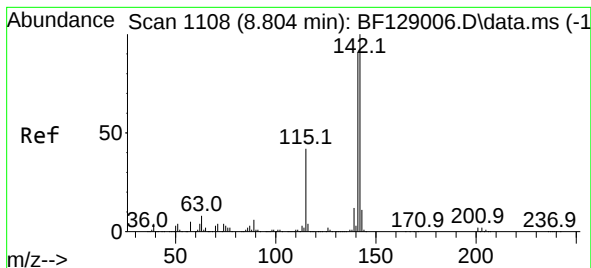
Tgt Ion:107 Resp: 285428  
Ion Ratio Lower Upper  
107 100  
144 24.3 19.5 29.3  
142 69.9 58.2 87.4



#37  
2-Methylnaphthalene  
Concen: 48.063 ng  
RT: 8.704 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:142 Resp: 546967  
Ion Ratio Lower Upper  
142 100  
141 87.8 71.0 106.4





#38

1-Methylnaphthalene

Concen: 47.462 ng

RT: 8.804 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

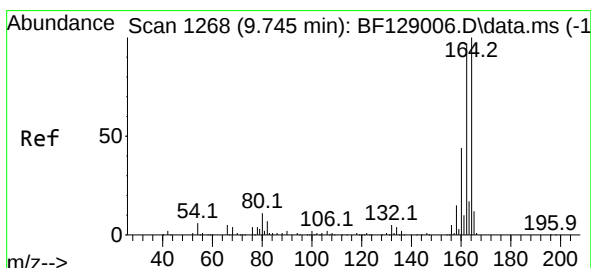
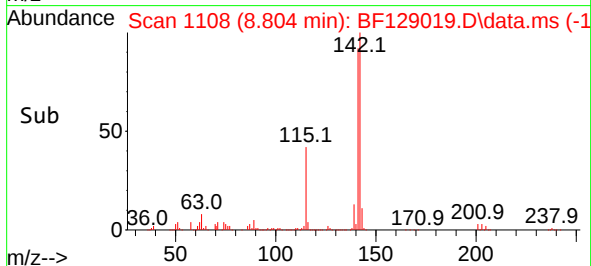
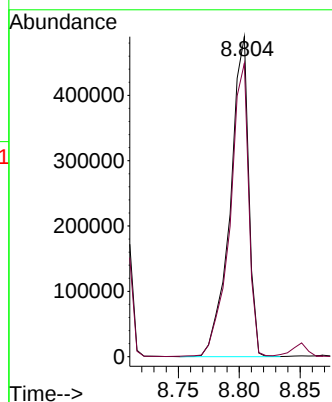
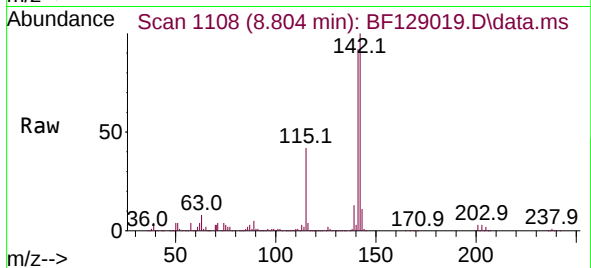
PB145737BS

Tgt Ion:142 Resp: 518998

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.745 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

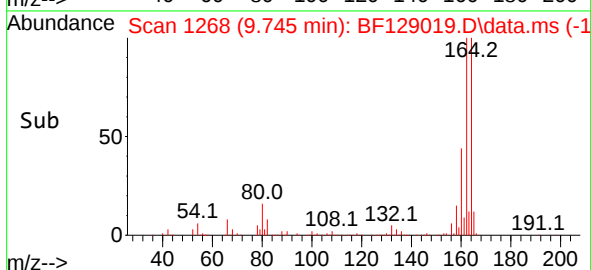
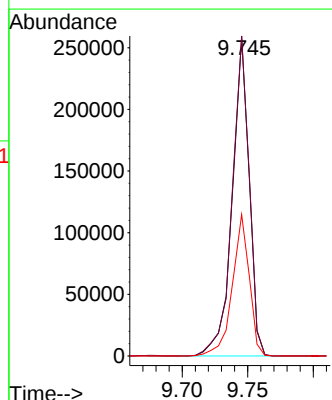
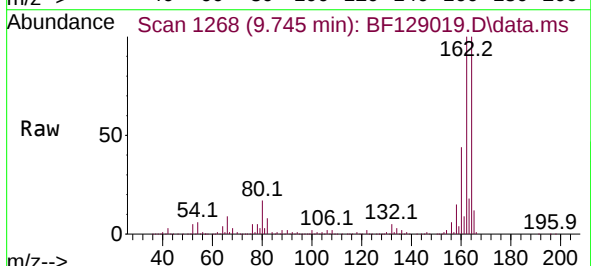
Tgt Ion:164 Resp: 232161

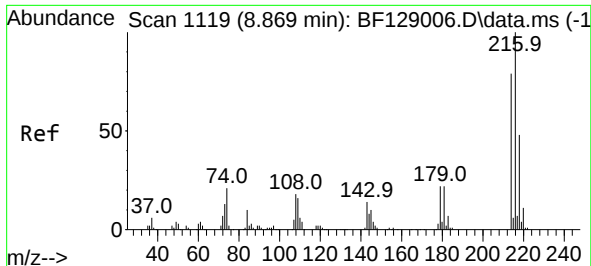
Ion Ratio Lower Upper

164 100

162 99.9 79.5 119.3

160 44.2 34.2 51.4



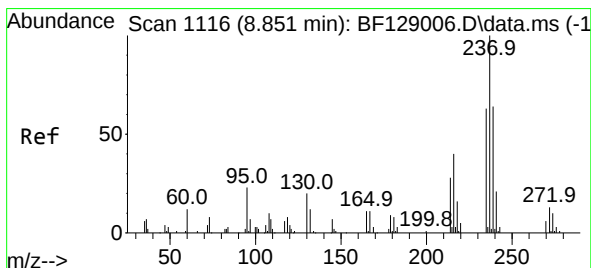
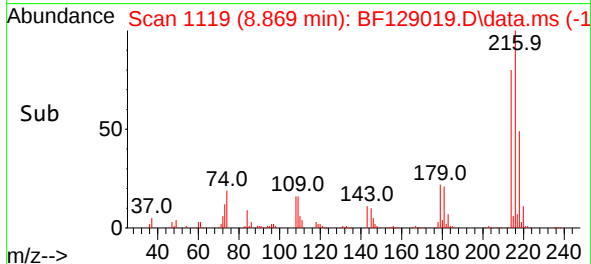
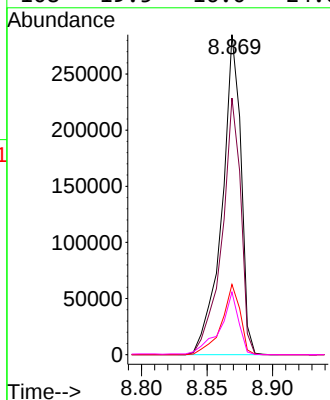
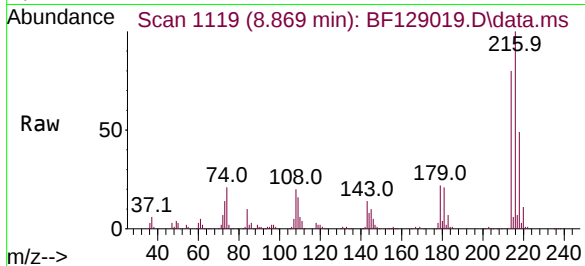


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.586 ng  
RT: 8.869 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

Tgt Ion:216 Resp: 286296

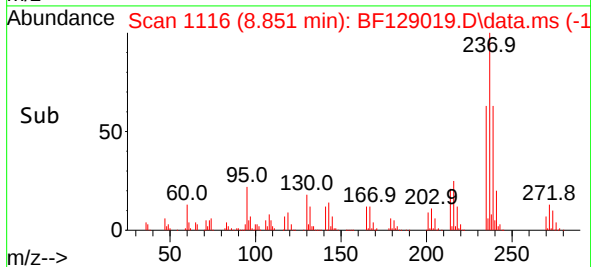
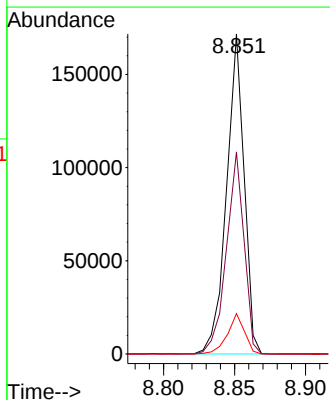
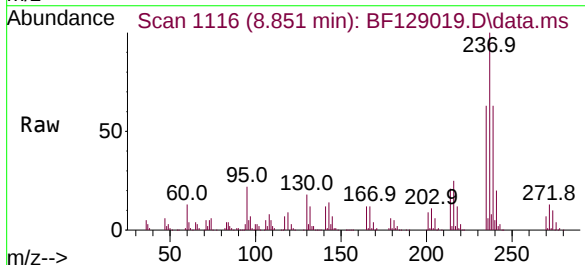
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.2  | 63.6  | 95.4  |
| 179 | 21.4  | 17.0  | 25.6  |
| 108 | 19.5  | 16.0  | 24.0  |

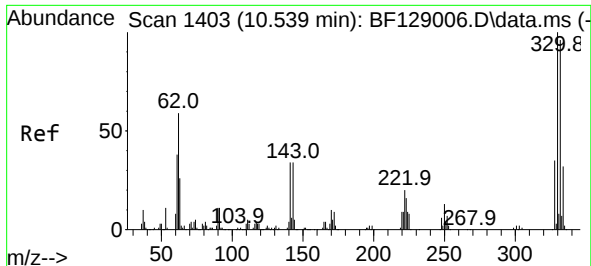


#41  
Hexachlorocyclopentadiene  
Concen: 70.273 ng  
RT: 8.851 min Scan# 1116  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:237 Resp: 147737

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.2  | 43.2  | 83.2  |
| 272 | 12.6  | 0.0   | 31.9  |

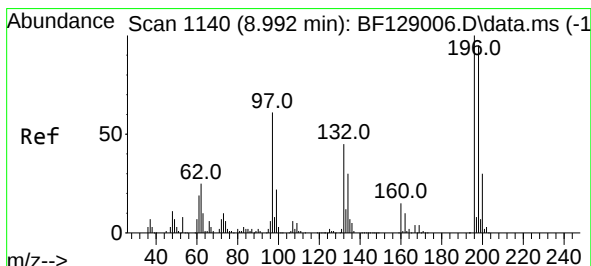
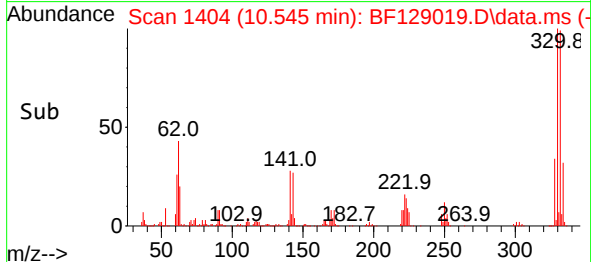
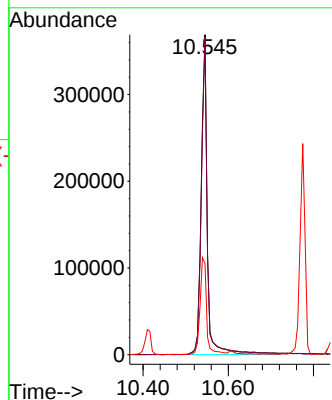
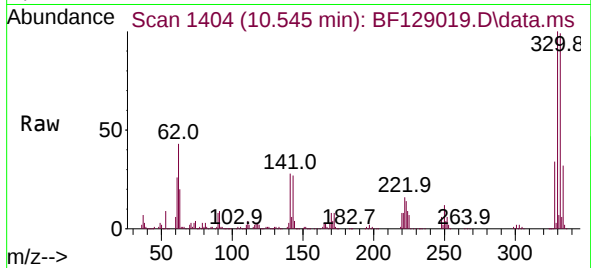




#42  
2,4,6-Tribromophenol  
Concen: 151.975 ng  
RT: 10.545 min Scan# 1404  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

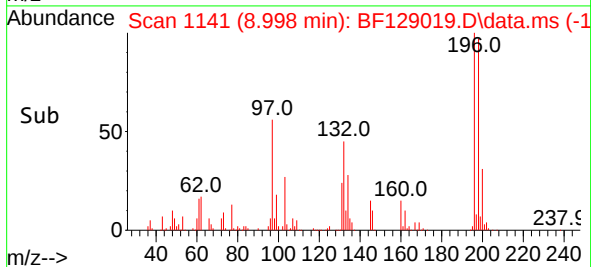
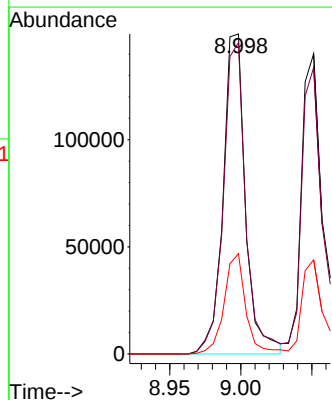
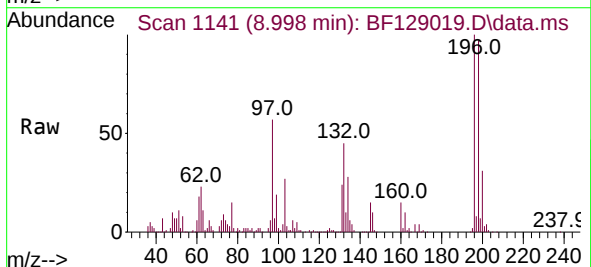
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

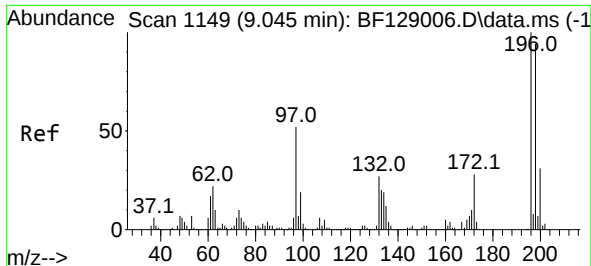
Tgt Ion:330 Resp: 366308  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.8 115.2  
141 33.0 28.0 42.0



#43  
2,4,6-Trichlorophenol  
Concen: 38.577 ng  
RT: 8.998 min Scan# 1141  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:196 Resp: 164102  
Ion Ratio Lower Upper  
196 100  
198 97.3 74.0 111.0  
200 31.4 24.1 36.1

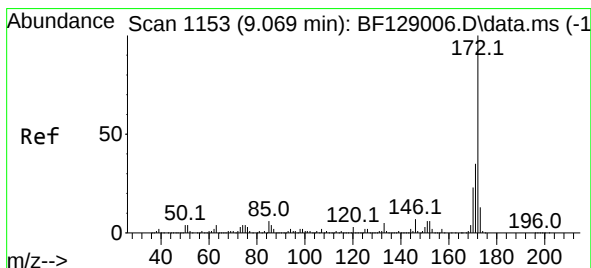
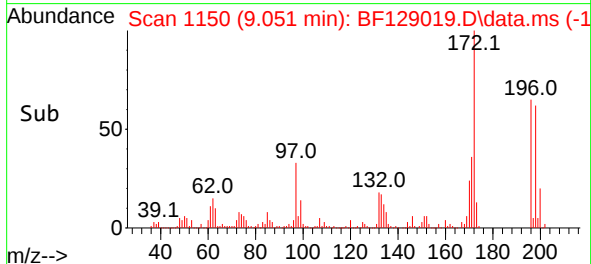
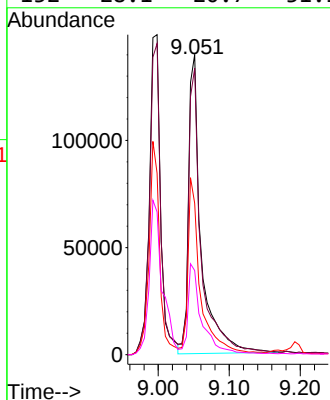
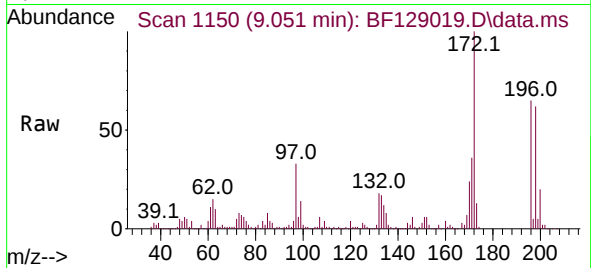




#44  
2,4,5-Trichlorophenol  
Concen: 39.330 ng  
RT: 9.051 min Scan# 1150  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

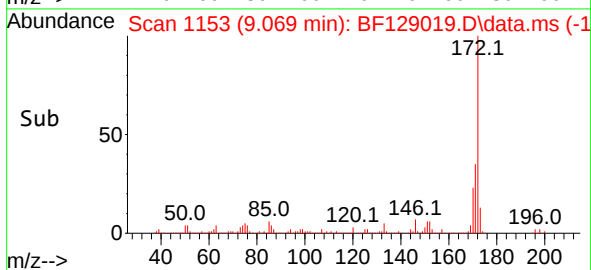
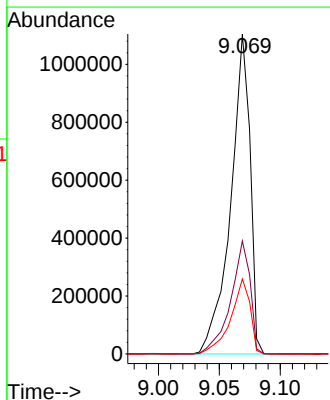
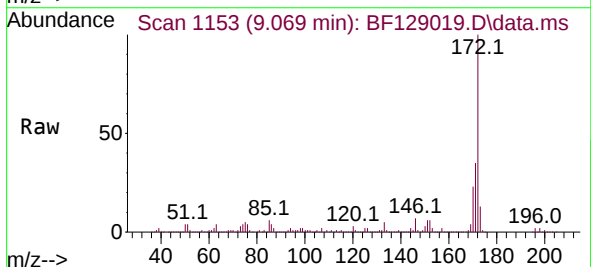
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

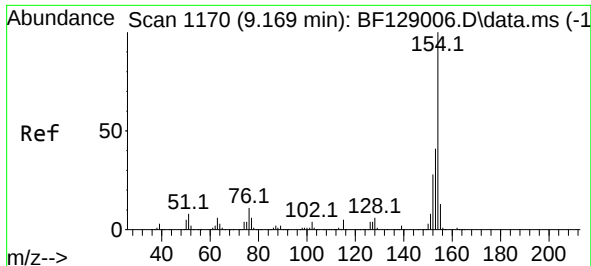
Tgt Ion:196 Resp: 174196  
Ion Ratio Lower Upper  
196 100  
198 95.4 75.7 113.5  
97 50.4 36.4 54.6  
132 28.1 20.7 31.1



#45  
2-Fluorobiphenyl  
Concen: 76.311 ng  
RT: 9.069 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:172 Resp: 1222706  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.8 43.2  
170 23.5 19.8 29.8

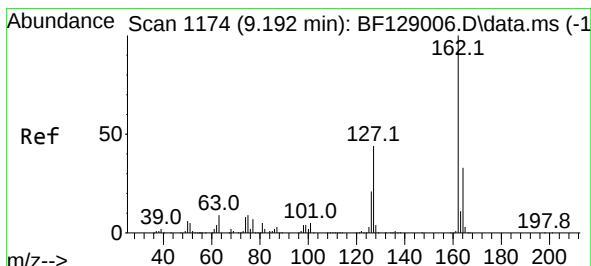
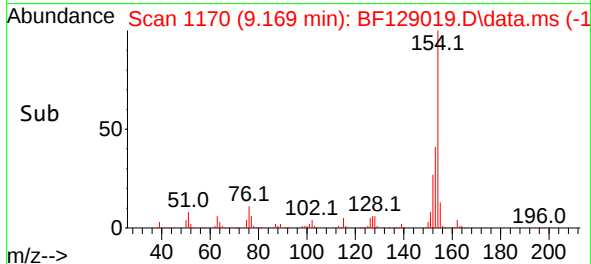
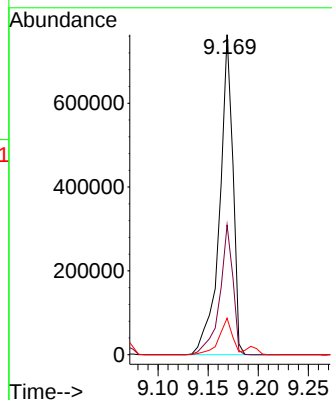
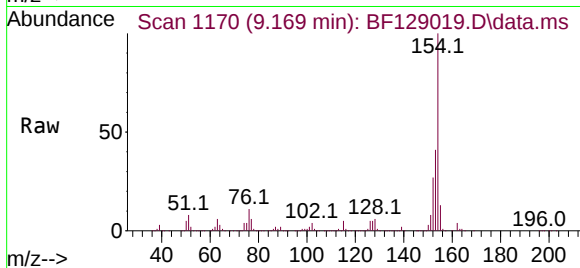




#46  
1,1'-Biphenyl  
Concen: 41.493 ng  
RT: 9.169 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

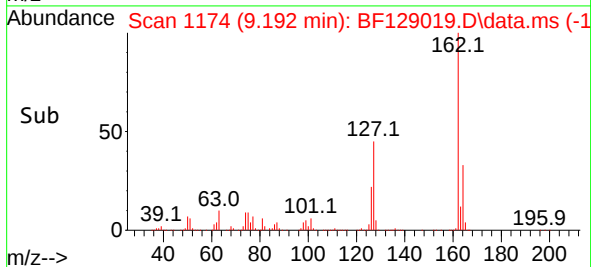
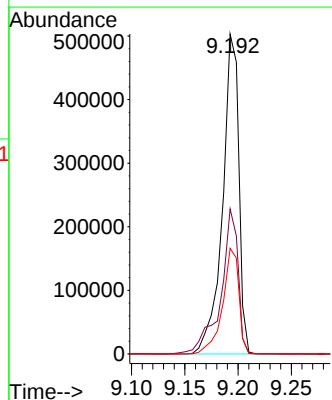
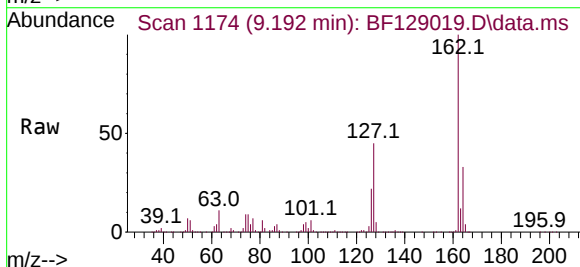
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

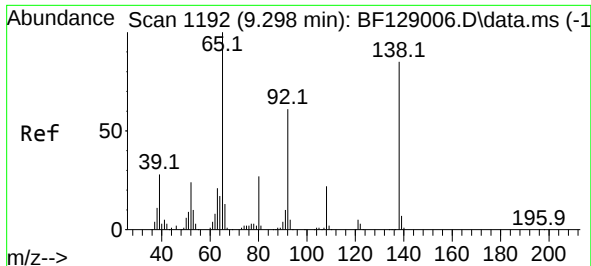
Tgt Ion:154 Resp: 699665  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.6 60.6  
76 11.4 0.0 33.3



#47  
2-Chloronaphthalene  
Concen: 40.681 ng  
RT: 9.192 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:162 Resp: 533845  
Ion Ratio Lower Upper  
162 100  
127 45.4 34.5 51.7  
164 33.0 26.5 39.7





#48

2-Nitroaniline

Concen: 42.404 ng

RT: 9.304 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

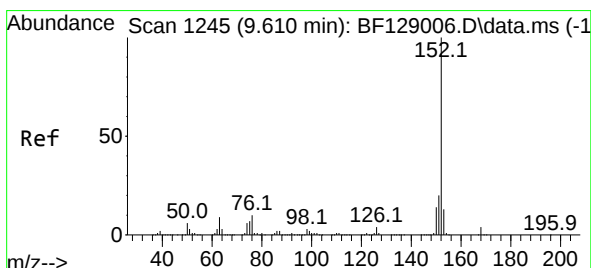
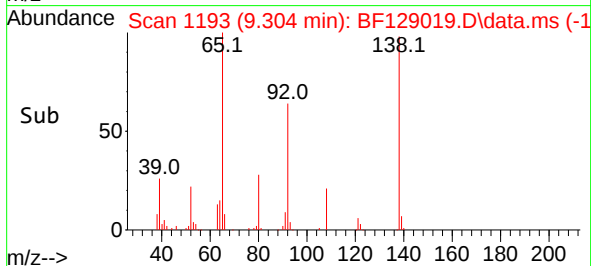
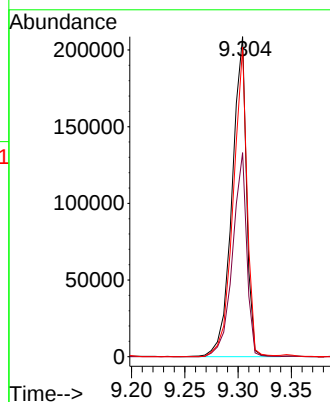
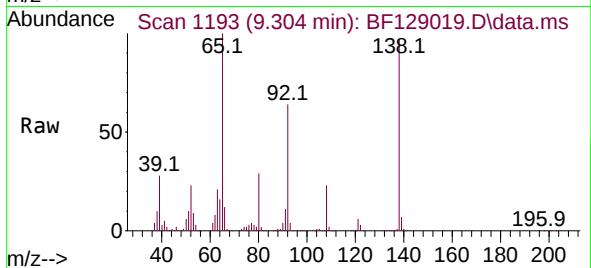
Tgt Ion: 65 Resp: 197992

Ion Ratio Lower Upper

65 100

92 63.8 51.9 77.9

138 96.6 76.4 114.6



#49

Acenaphthylene

Concen: 43.563 ng

RT: 9.610 min Scan# 1245

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

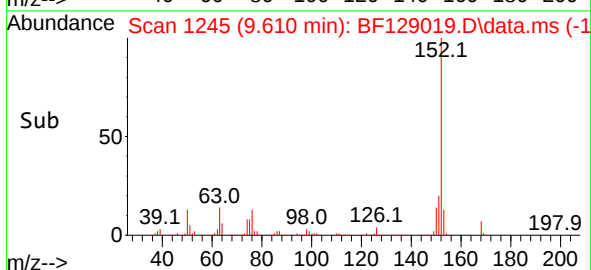
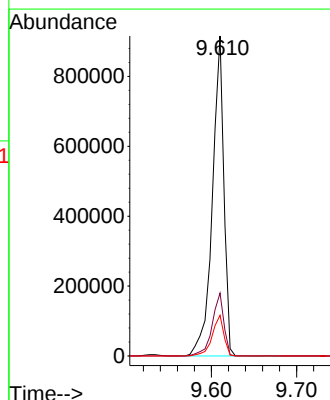
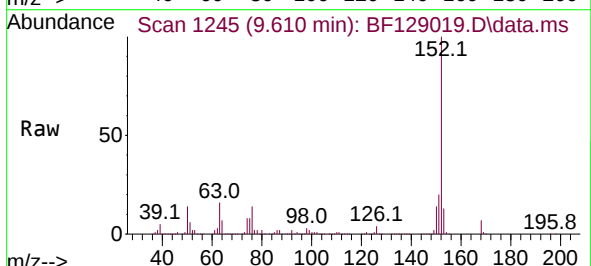
Tgt Ion: 152 Resp: 858637

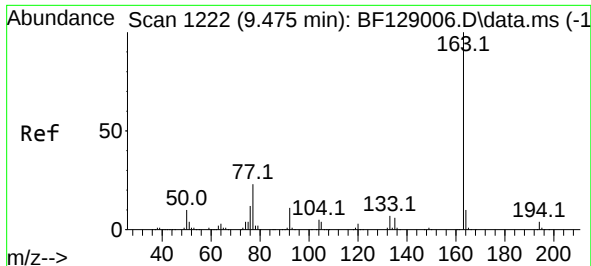
Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

153 12.7 10.7 16.1

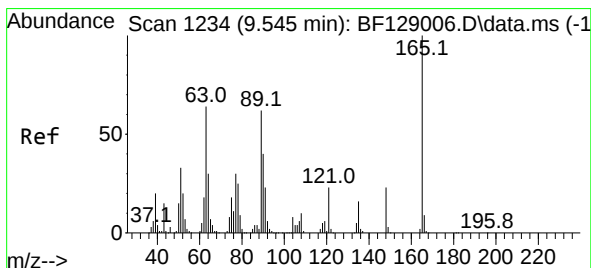
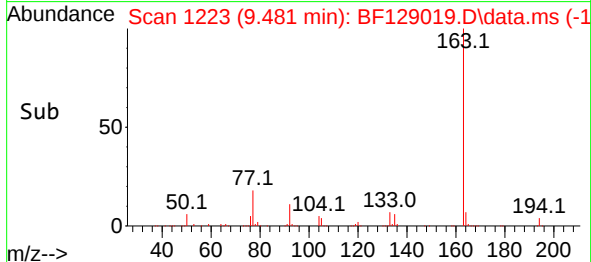
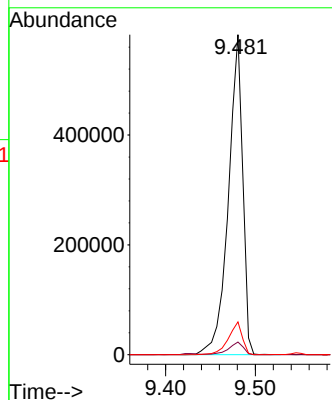
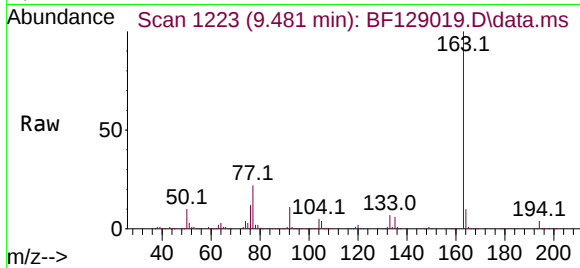




#50  
Dimethylphthalate  
Concen: 41.813 ng  
RT: 9.481 min Scan# 1223  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

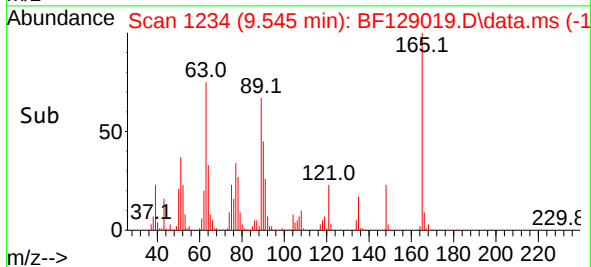
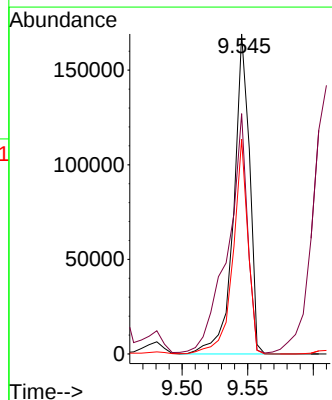
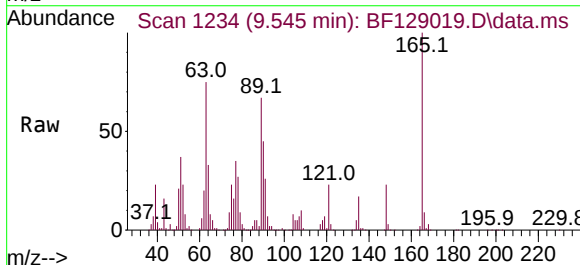
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

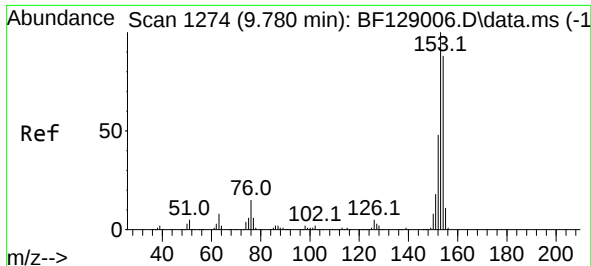
Tgt Ion:163 Resp: 644929  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.3 8.2 12.2



#51  
2,6-Dinitrotoluene  
Concen: 43.971 ng  
RT: 9.545 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:165 Resp: 142058  
Ion Ratio Lower Upper  
165 100  
63 75.1 44.9 67.3#  
89 67.1 43.6 65.4#

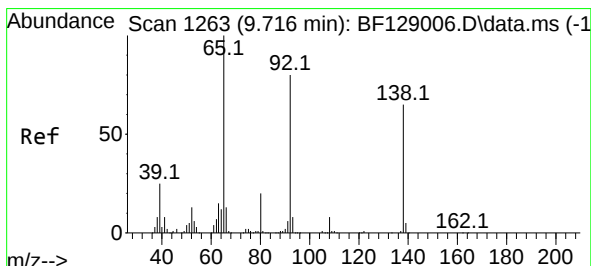
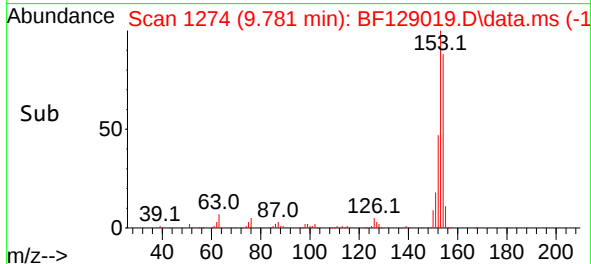
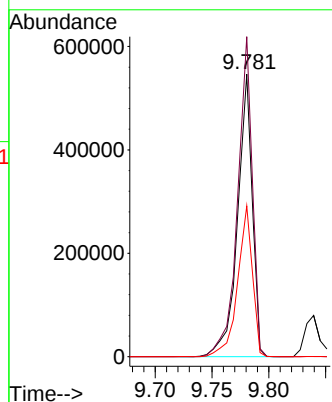
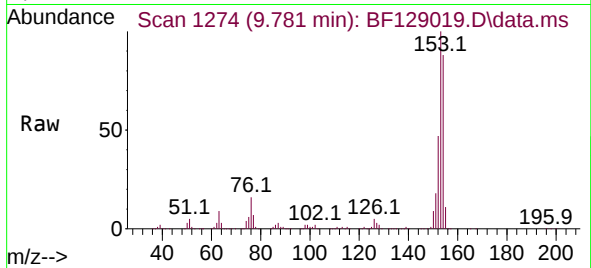




#52  
Acenaphthene  
Concen: 41.403 ng  
RT: 9.781 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

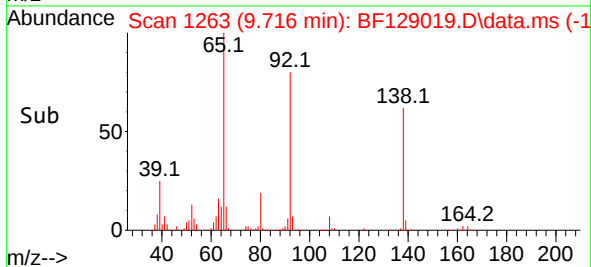
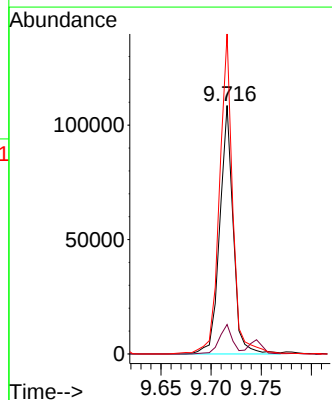
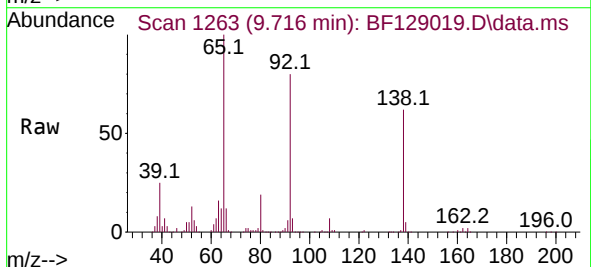
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

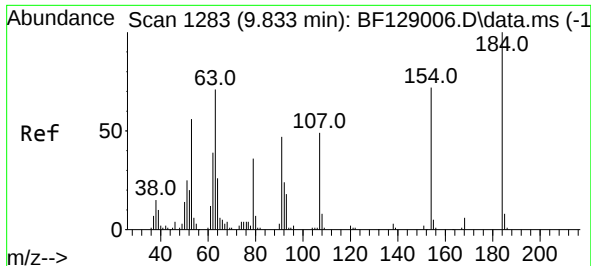
Tgt Ion:154 Resp: 493056  
Ion Ratio Lower Upper  
154 100  
153 113.3 89.6 134.4  
152 53.3 42.4 63.6



#53  
3-Nitroaniline  
Concen: 28.329 ng  
RT: 9.716 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:138 Resp: 100761  
Ion Ratio Lower Upper  
138 100  
108 11.9 10.9 16.3  
92 128.7 98.2 147.2

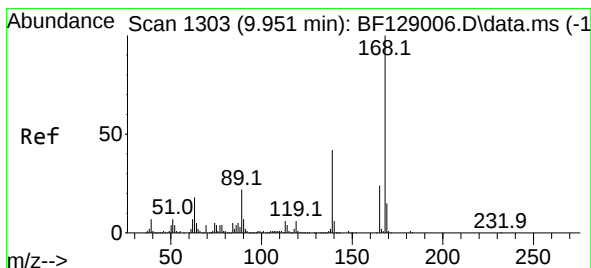
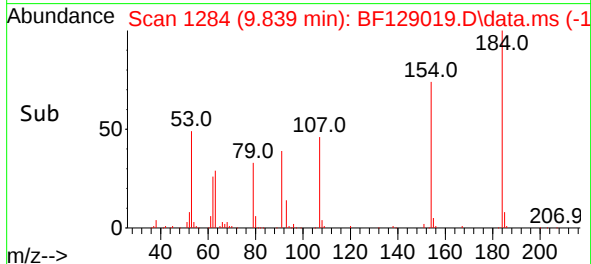
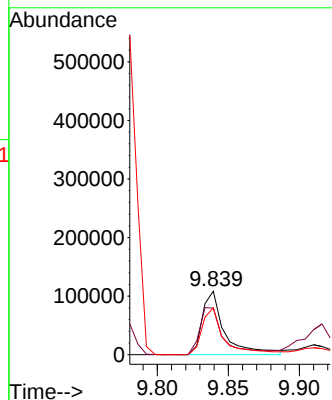
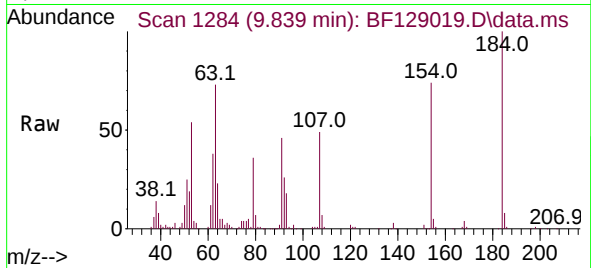




#54  
2,4-Dinitrophenol  
Concen: 76.234 ng  
RT: 9.839 min Scan# 1284  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

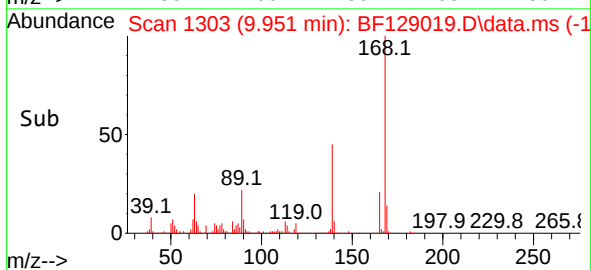
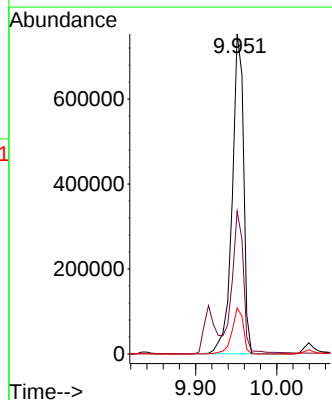
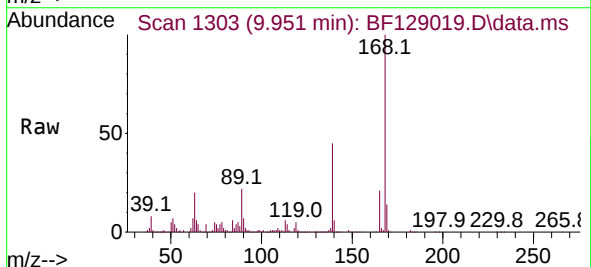
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

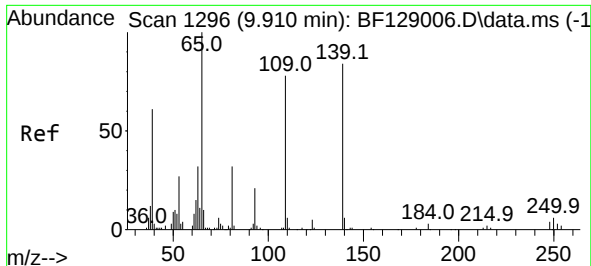
Tgt Ion:184 Resp: 119331  
Ion Ratio Lower Upper  
184 100  
63 73.3 64.5 96.7  
154 73.8 50.6 75.8



#55  
Dibenzofuran  
Concen: 39.793 ng  
RT: 9.951 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:168 Resp: 734041  
Ion Ratio Lower Upper  
168 100  
139 44.6 30.6 46.0  
169 14.4 11.0 16.6

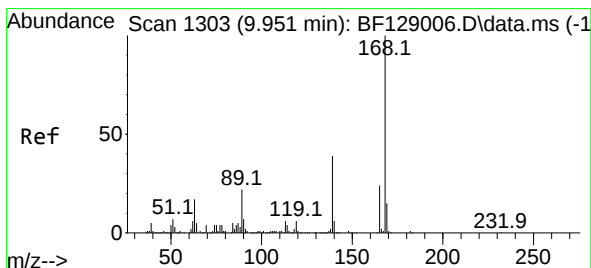
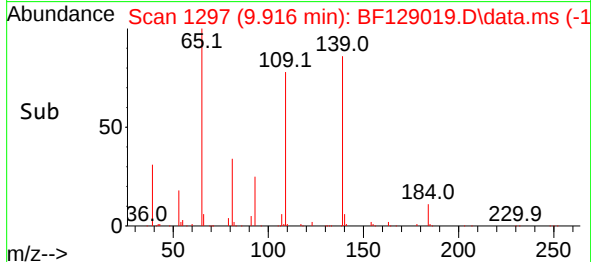
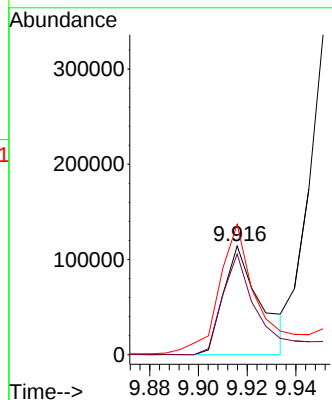
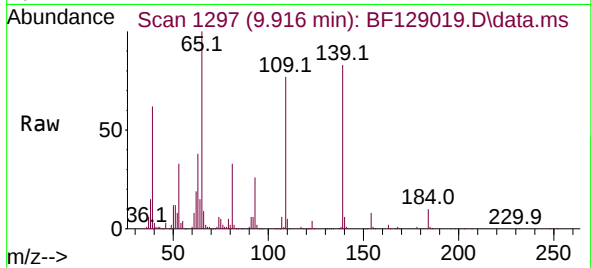




#56  
4-Nitrophenol  
Concen: 93.808 ng  
RT: 9.916 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

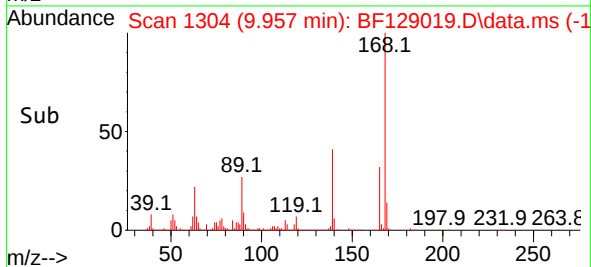
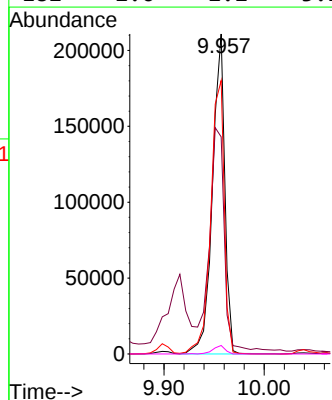
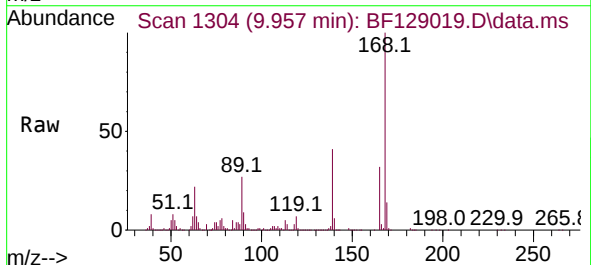
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

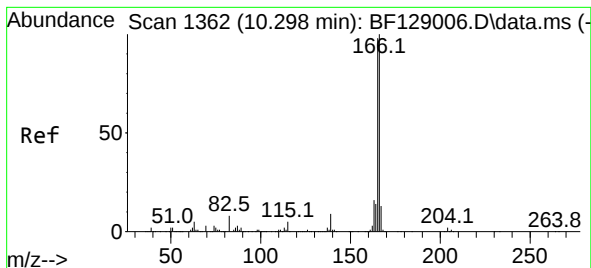
Tgt Ion:139 Resp: 119681  
Ion Ratio Lower Upper  
139 100  
109 92.6 50.7 90.7#  
65 120.0 74.5 114.5#



#57  
2,4-Dinitrotoluene  
Concen: 42.762 ng  
RT: 9.957 min Scan# 1304  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:165 Resp: 181627  
Ion Ratio Lower Upper  
165 100  
63 67.8 39.8 59.6#  
89 85.4 60.2 90.2  
182 2.6 2.2 3.2





#58

Fluorene

Concen: 41.808 ng

RT: 10.298 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

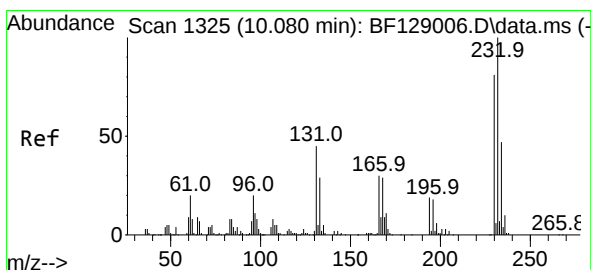
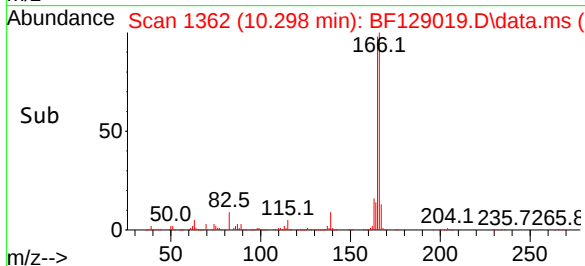
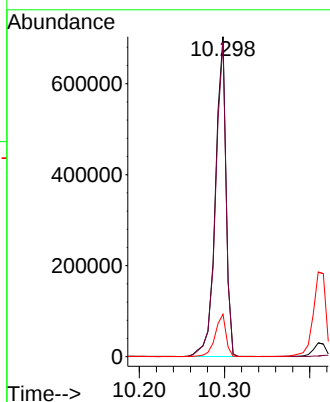
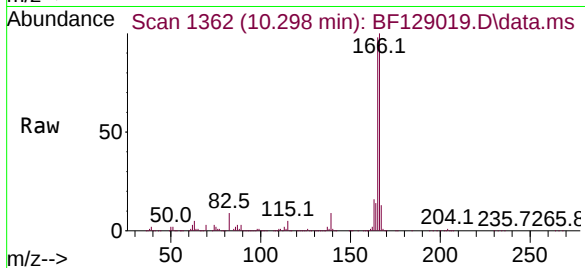
Tgt Ion:166 Resp: 607078

Ion Ratio Lower Upper

166 100

165 98.2 78.1 117.1

167 13.3 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 44.313 ng

RT: 10.081 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Tgt Ion:232 Resp: 143012

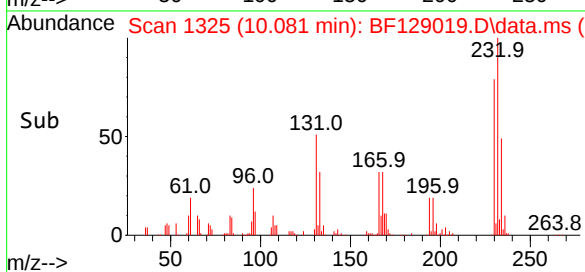
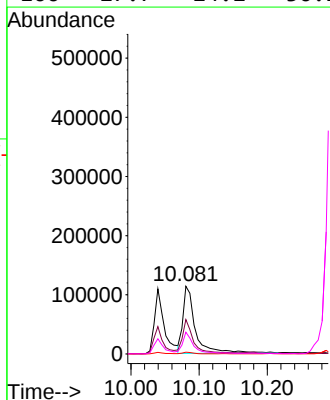
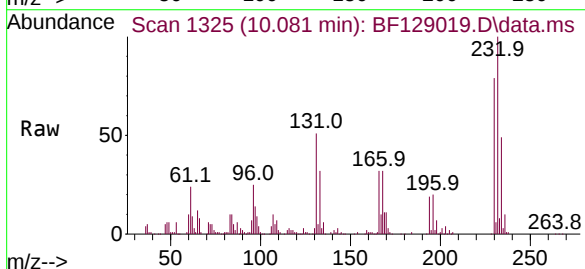
Ion Ratio Lower Upper

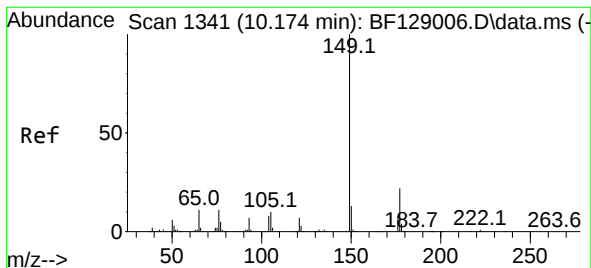
232 100

131 41.7 36.1 54.1

130 2.0 1.8 2.8

166 27.7 24.2 36.2





#60

Diethylphthalate

Concen: 42.365 ng

RT: 10.181 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

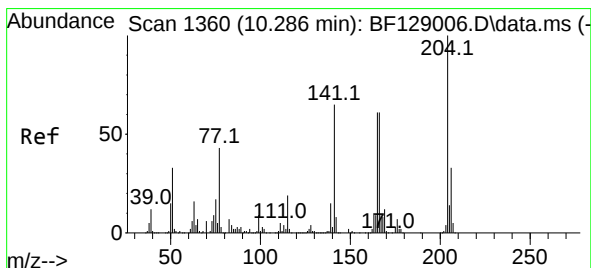
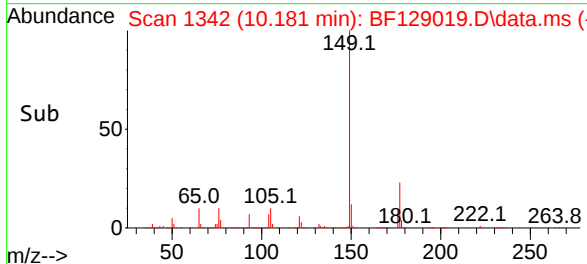
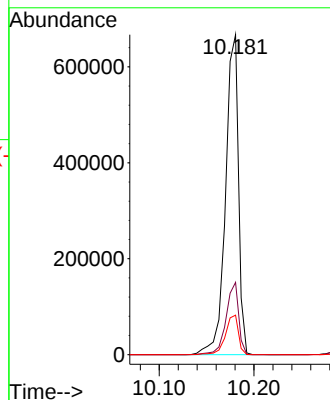
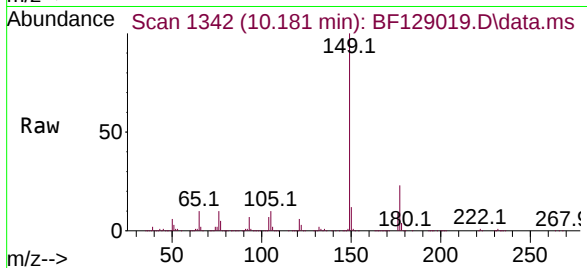
Tgt Ion:149 Resp: 636020

Ion Ratio Lower Upper

149 100

177 22.6 17.3 25.9

150 12.4 10.2 15.2



#61

4-Chlorophenyl-phenylether

Concen: 40.680 ng

RT: 10.286 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

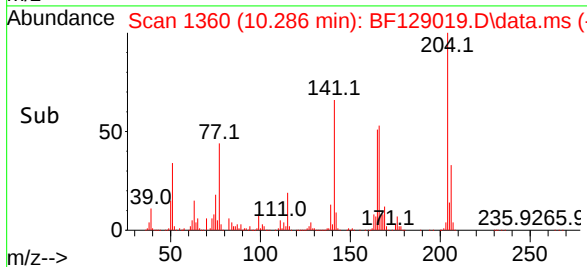
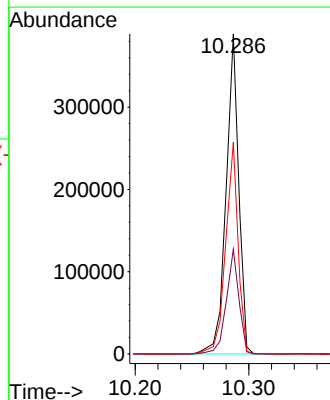
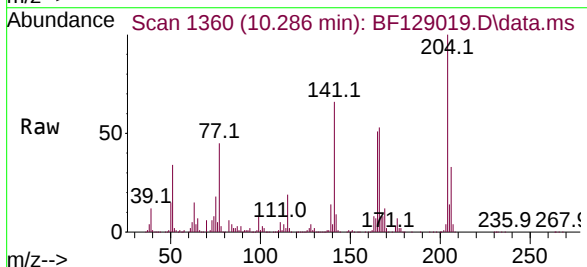
Tgt Ion:204 Resp: 301241

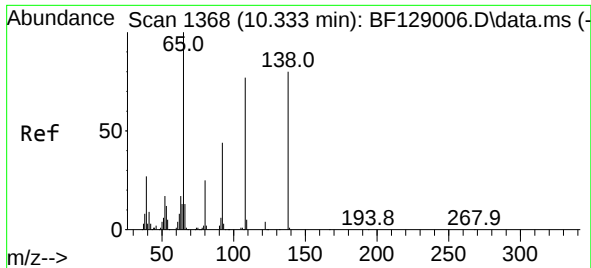
Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

141 66.2 47.0 70.4

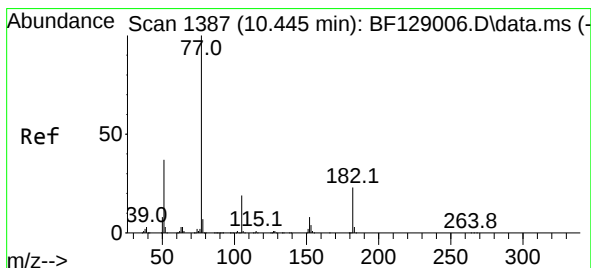
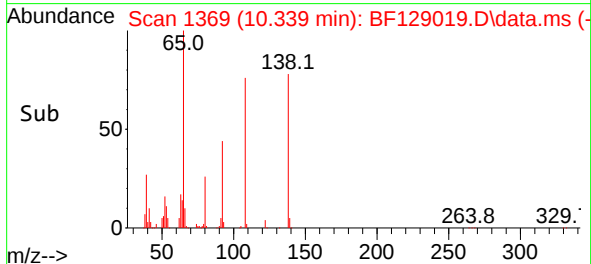
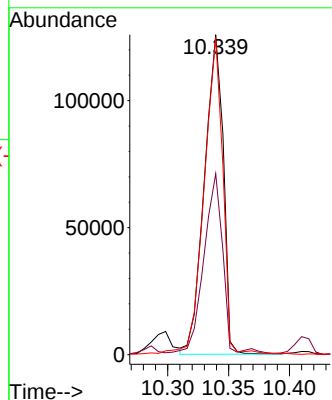
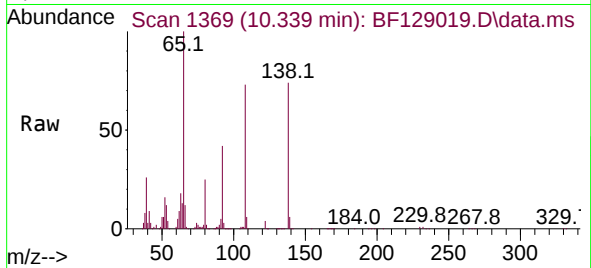




#62  
4-Nitroaniline  
Concen: 40.353 ng  
RT: 10.339 min Scan# 1368  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

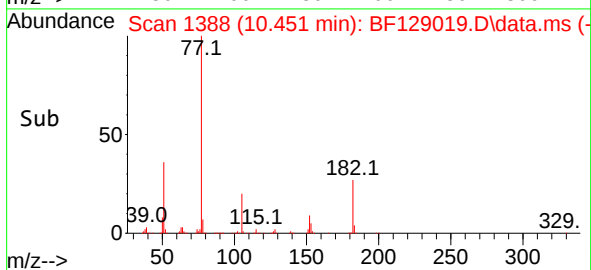
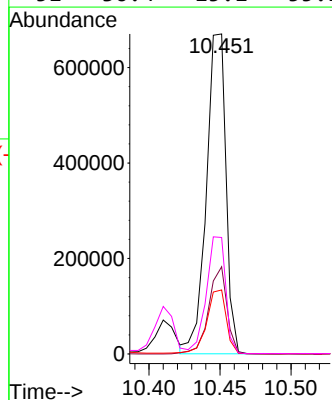
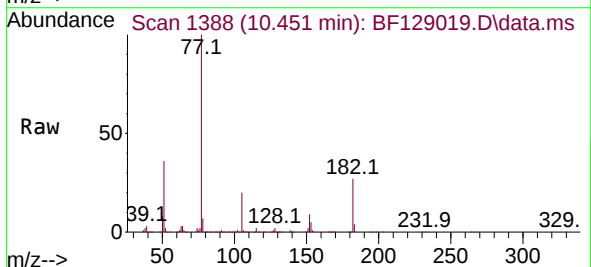
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

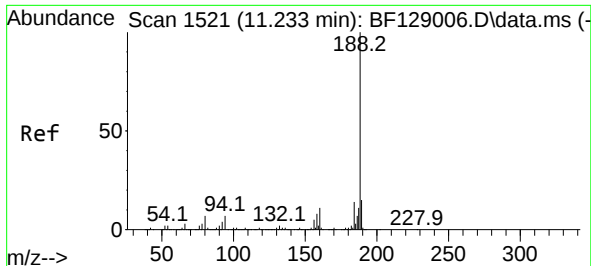
Tgt Ion:138 Resp: 135490  
Ion Ratio Lower Upper  
138 100  
92 56.5 33.5 73.5  
108 99.1 61.0 101.0



#63  
Azobenzene  
Concen: 41.808 ng  
RT: 10.451 min Scan# 1388  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion: 77 Resp: 642767  
Ion Ratio Lower Upper  
77 100  
182 27.3 5.6 45.6  
105 20.0 1.6 41.6  
51 36.4 15.1 55.1

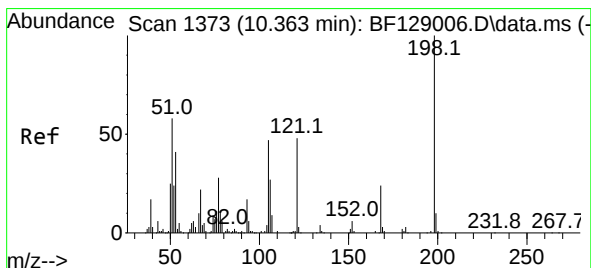
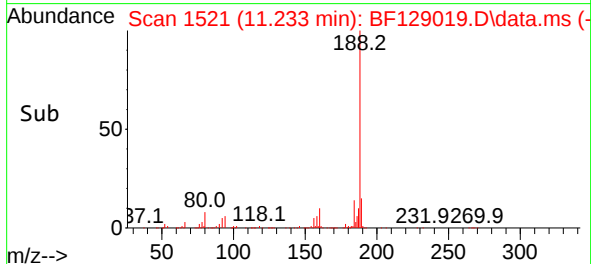
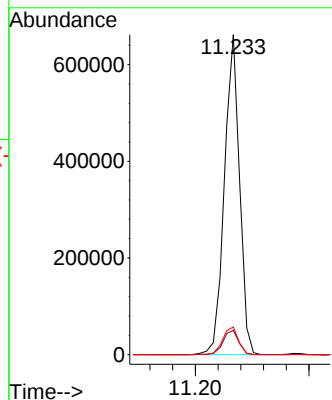
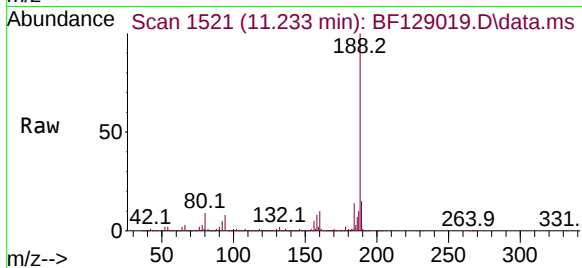




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

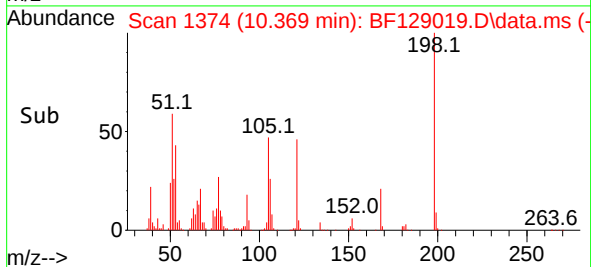
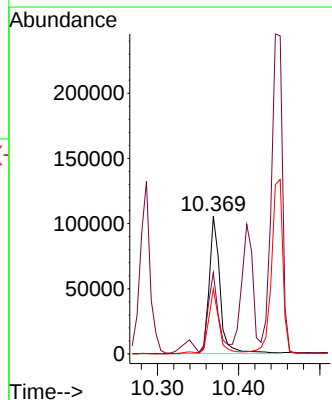
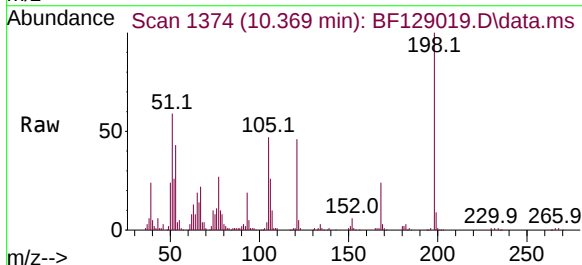
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

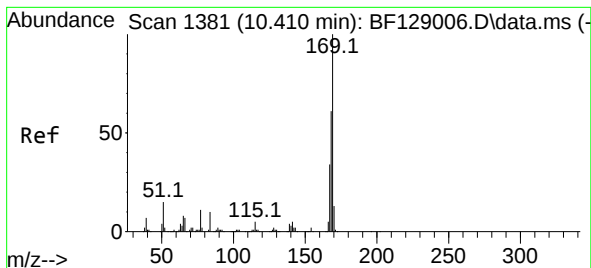
Tgt Ion:188 Resp: 612095  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.0 10.6  
80 8.6 7.6 11.4



#65  
4,6-Dinitro-2-methylphenol  
Concen: 27.872 ng  
RT: 10.369 min Scan# 1374  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:198 Resp: 97766  
Ion Ratio Lower Upper  
198 100  
51 58.9 37.6 77.6  
105 47.1 27.0 67.0

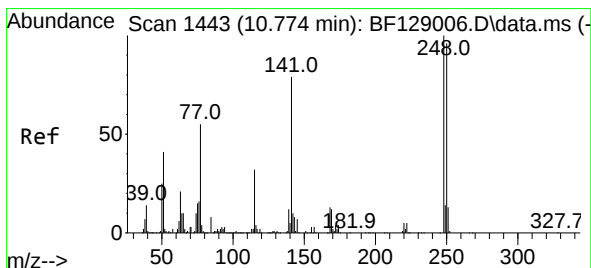
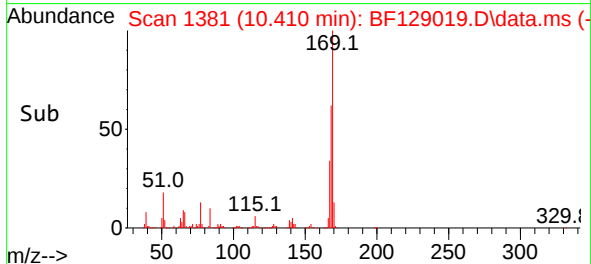
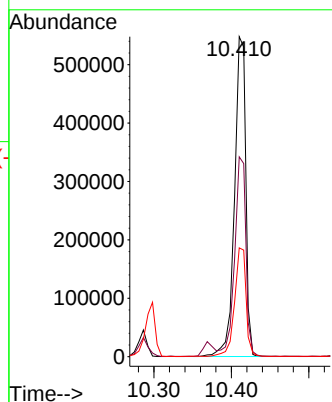
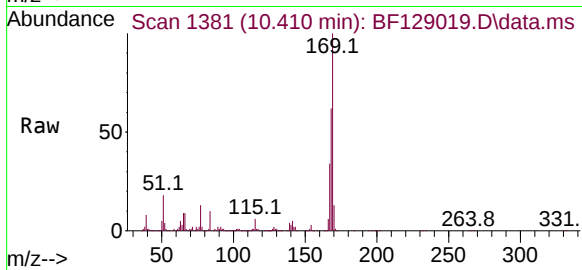




#66  
n-Nitrosodiphenylamine  
Concen: 29.465 ng  
RT: 10.410 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

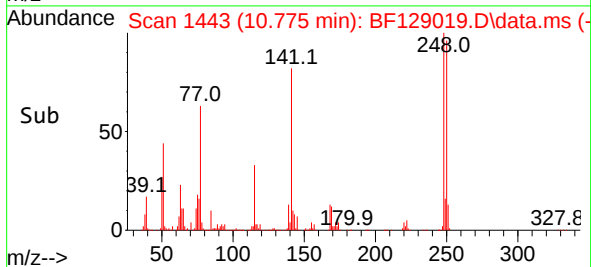
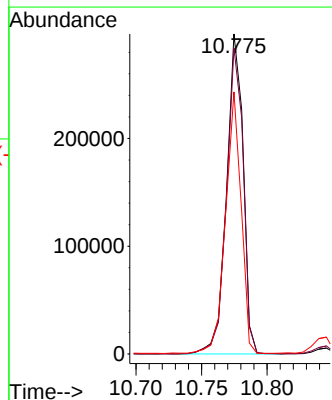
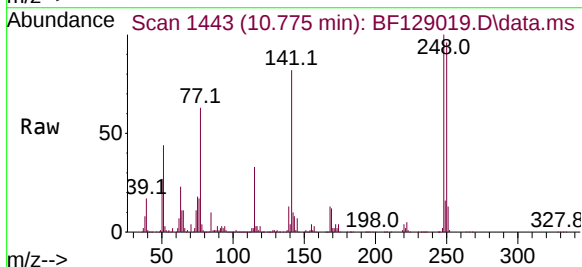
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

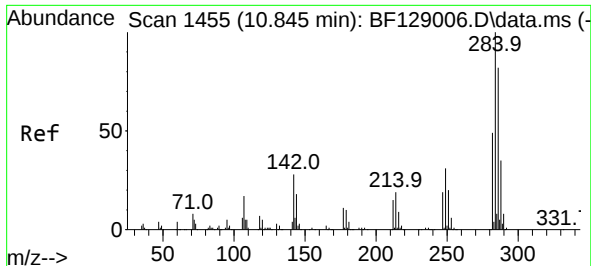
Tgt Ion:169 Resp: 554367  
Ion Ratio Lower Upper  
169 100  
168 62.4 50.1 75.1  
167 34.0 27.9 41.9



#67  
4-Bromophenyl-phenylether  
Concen: 39.010 ng  
RT: 10.775 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:248 Resp: 262026  
Ion Ratio Lower Upper  
248 100  
250 95.6 80.6 120.8  
141 81.9 58.9 88.3

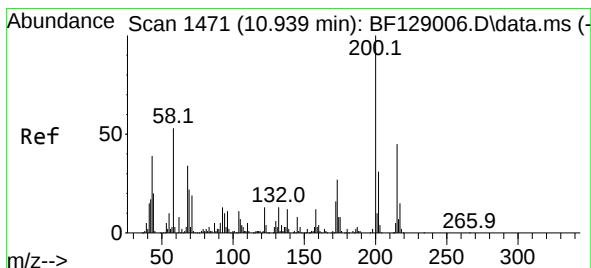
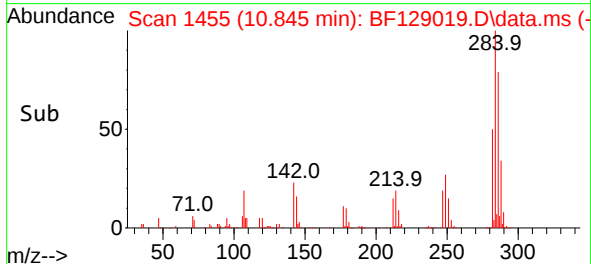
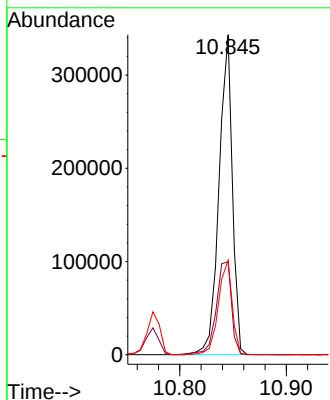
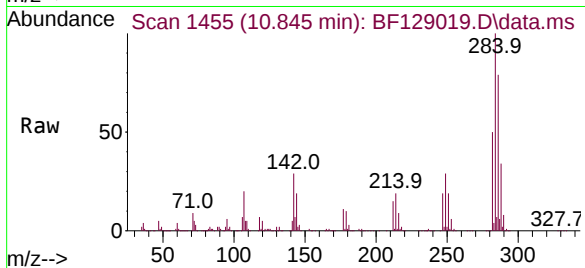




#68  
Hexachlorobenzene  
Concen: 40.167 ng  
RT: 10.845 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

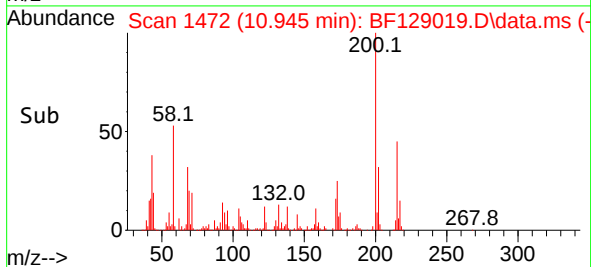
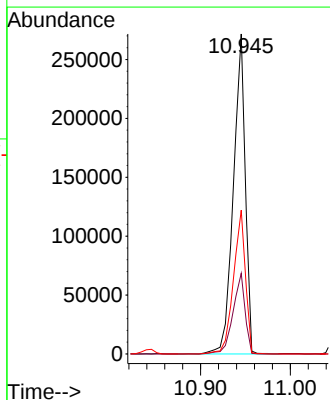
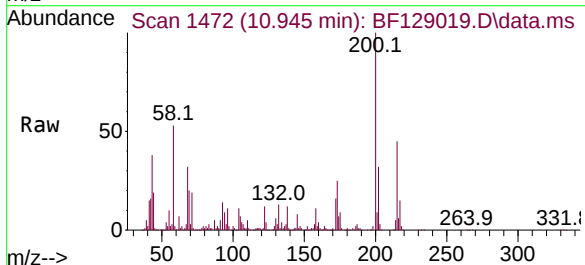
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

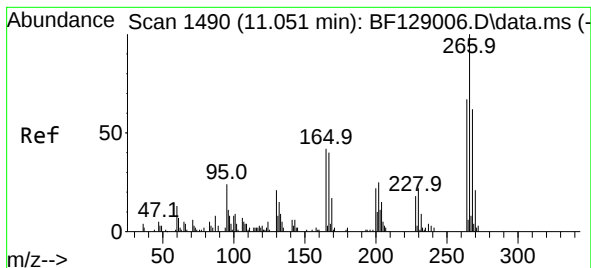
Tgt Ion:284 Resp: 297216  
Ion Ratio Lower Upper  
284 100  
142 29.0 29.0 43.4  
249 29.5 25.0 37.6



#69  
Atrazine  
Concen: 44.459 ng  
RT: 10.945 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:200 Resp: 250863  
Ion Ratio Lower Upper  
200 100  
173 25.2 6.3 46.3  
215 45.0 28.3 68.3





#70

Pentachlorophenol

Concen: 87.041 ng

RT: 11.051 min Scan# 1490

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

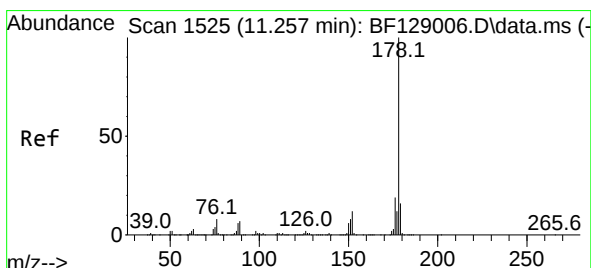
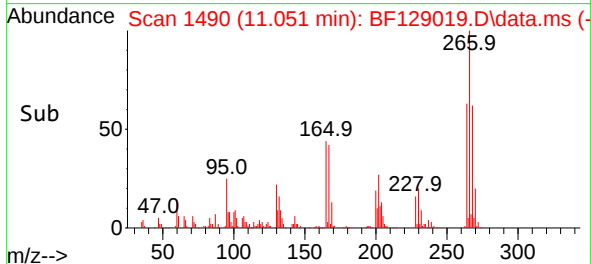
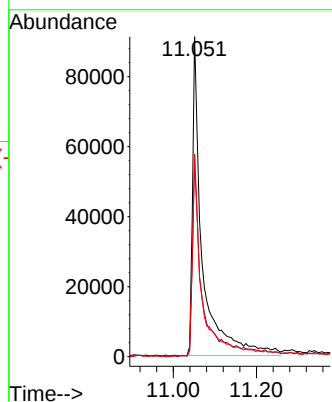
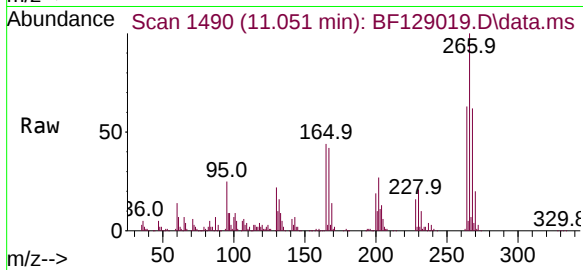
Tgt Ion:266 Resp: 151294

Ion Ratio Lower Upper

266 100

268 61.7 51.0 76.4

264 63.3 49.4 74.2



#71

Phenanthrene

Concen: 40.548 ng

RT: 11.257 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

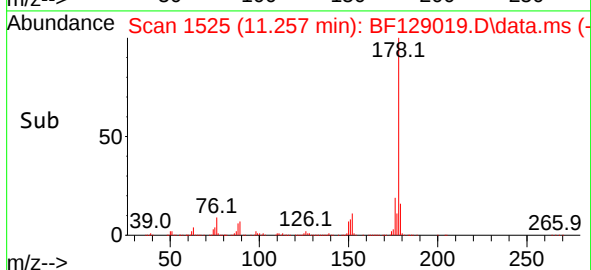
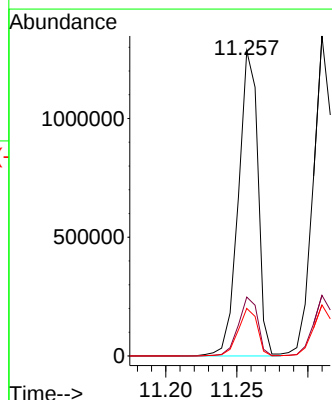
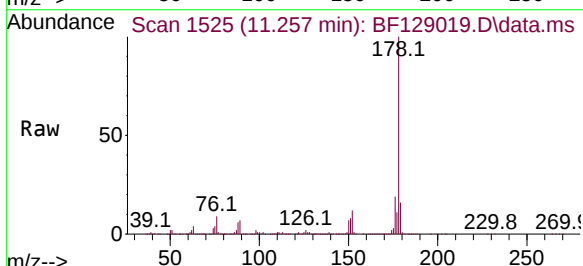
Tgt Ion:178 Resp: 1229998

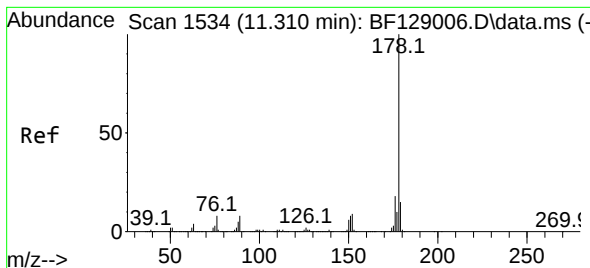
Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

179 15.6 12.6 19.0





#72

Anthracene

Concen: 41.040 ng

RT: 11.310 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

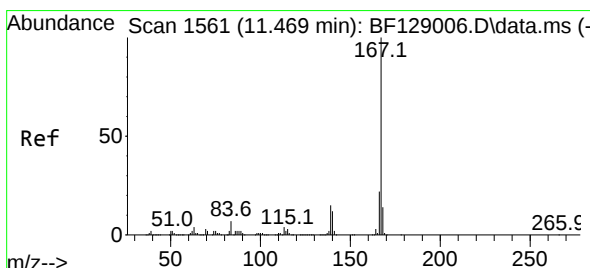
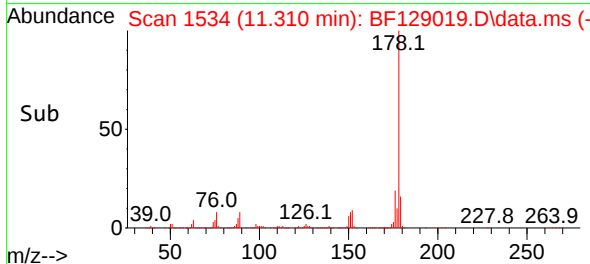
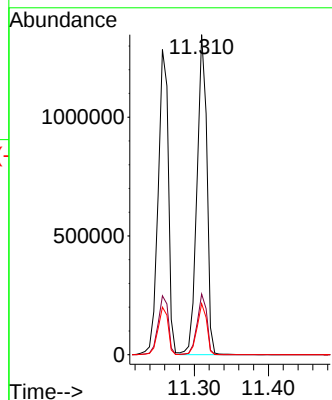
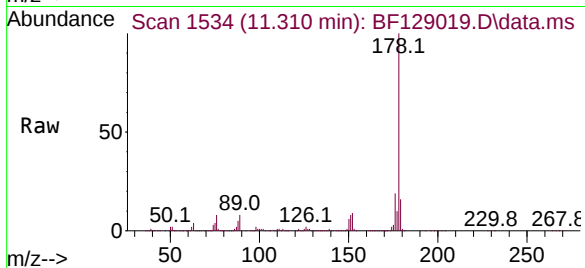
Tgt Ion:178 Resp: 1241875

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.9 12.6 19.0



#73

Carbazole

Concen: 37.261 ng

RT: 11.475 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

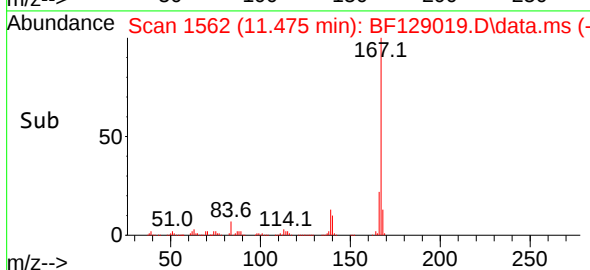
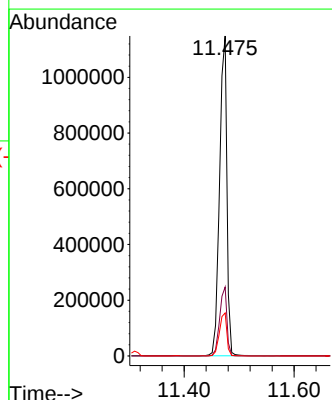
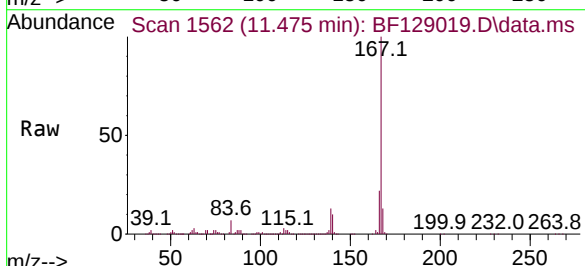
Tgt Ion:167 Resp: 1068504

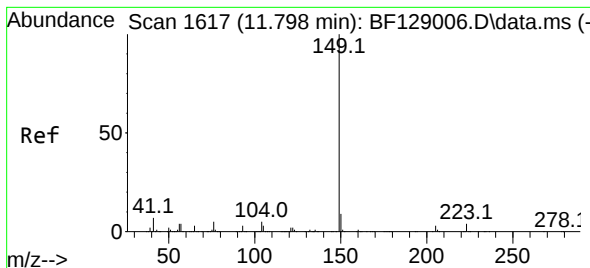
Ion Ratio Lower Upper

167 100

166 21.5 17.7 26.5

139 13.5 11.2 16.8

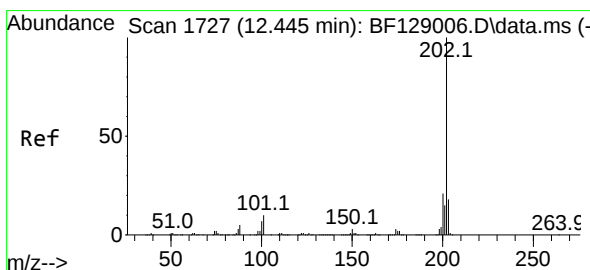
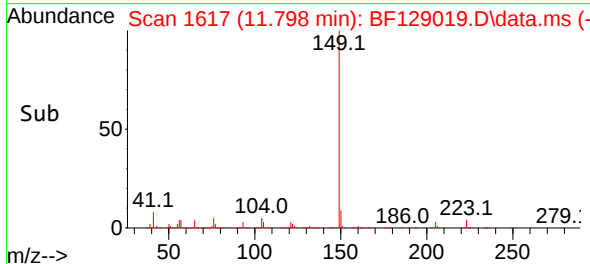
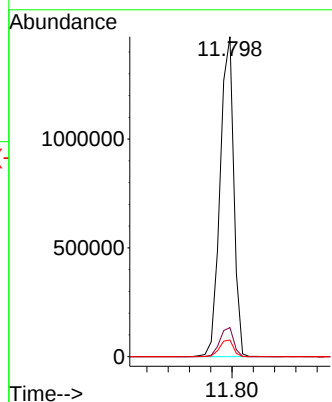
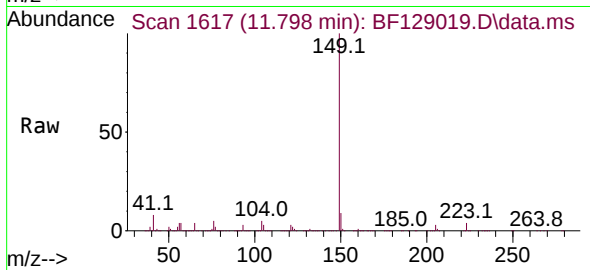




#74  
Di-n-butylphthalate  
Concen: 40.251 ng  
RT: 11.798 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

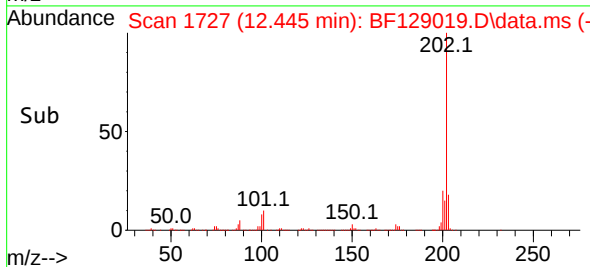
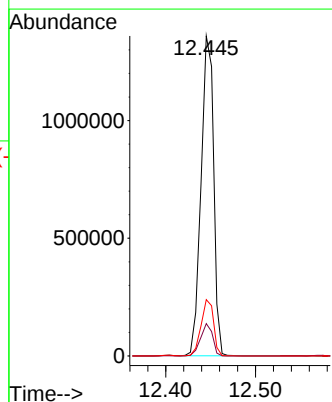
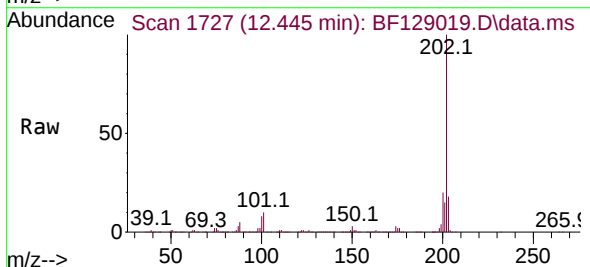
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

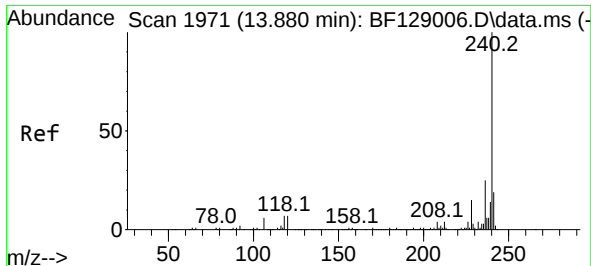
Tgt Ion:149 Resp: 1310536  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.5 11.3  
104 5.2 4.4 6.6



#75  
Fluoranthene  
Concen: 42.502 ng  
RT: 12.445 min Scan# 1727  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:202 Resp: 1324992  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 31.4  
203 17.6 0.0 38.0

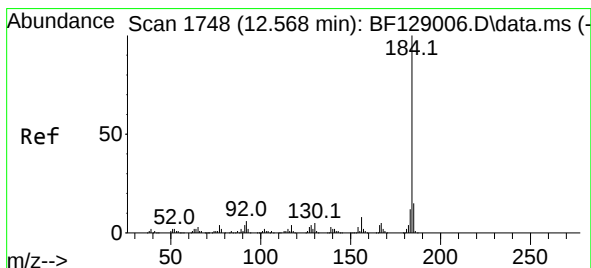
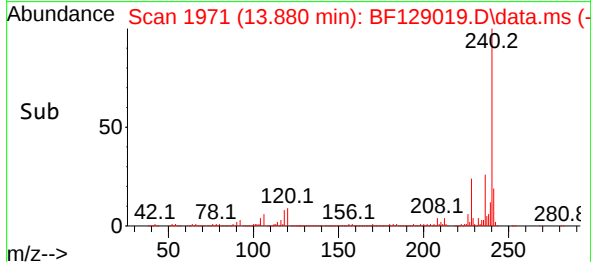
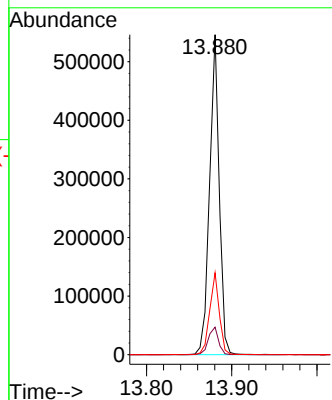
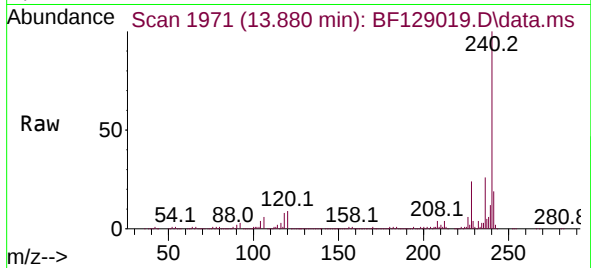




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.880 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

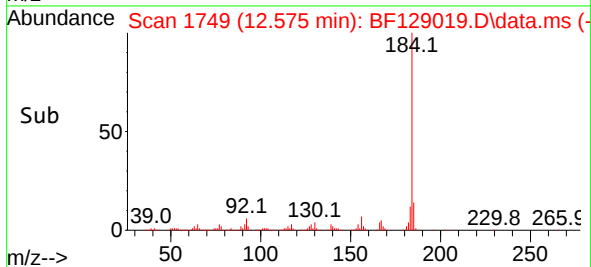
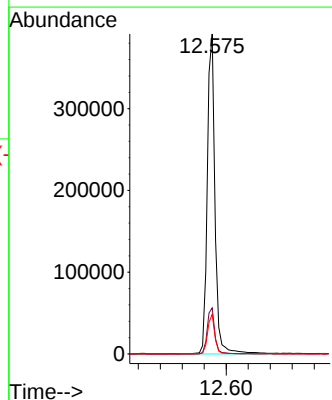
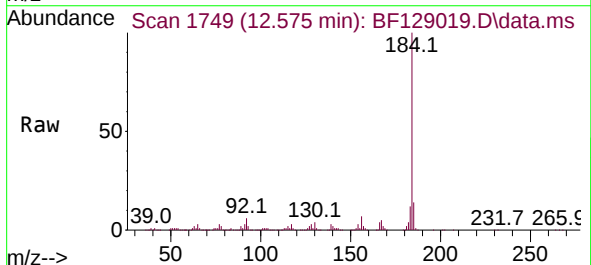
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

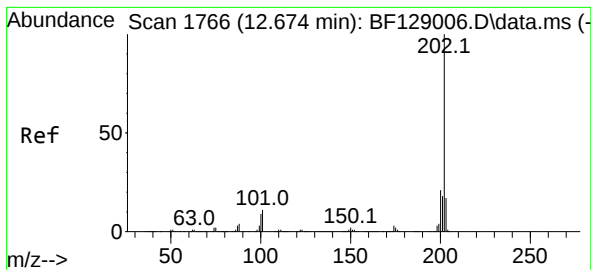
Tgt Ion:240 Resp: 429394  
Ion Ratio Lower Upper  
240 100  
120 8.6 8.9 13.3#  
236 25.6 20.8 31.2



#77  
Benzidine  
Concen: Below Cal  
RT: 12.575 min Scan# 1749  
Delta R.T. 0.007 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:184 Resp: 379977  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.9 17.9  
183 12.3 9.3 13.9





#78

Pyrene

Concen: 42.685 ng

RT: 12.675 min Scan# 1766

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

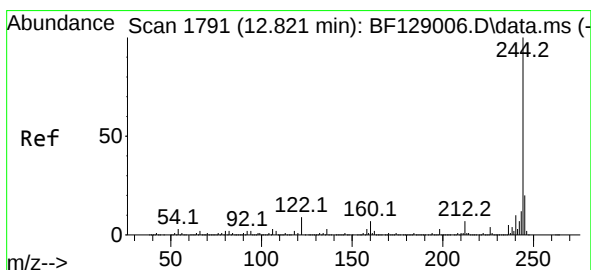
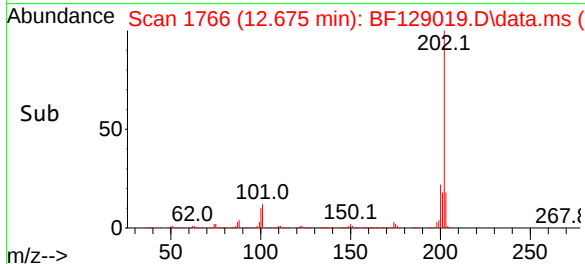
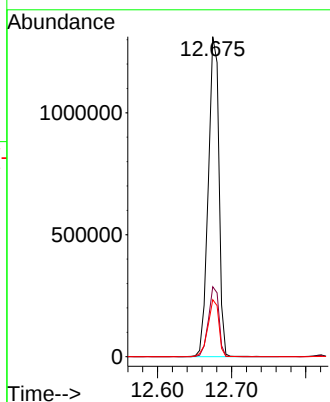
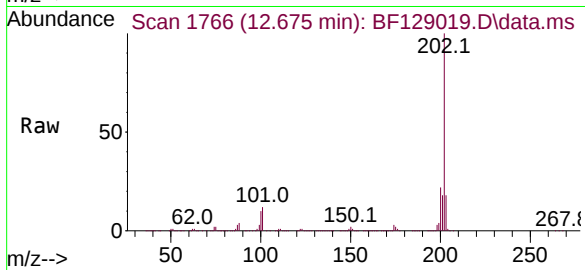
Tgt Ion:202 Resp: 1310906

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

203 17.8 14.6 21.8



#79

Terphenyl-d14

Concen: 80.375 ng

RT: 12.822 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

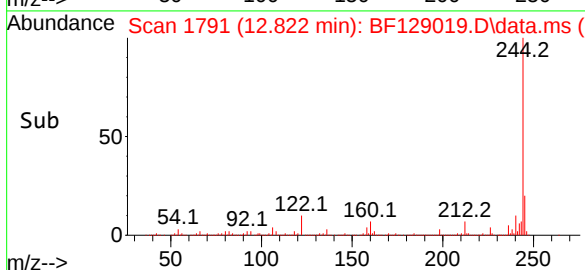
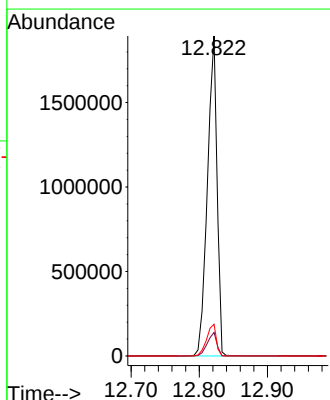
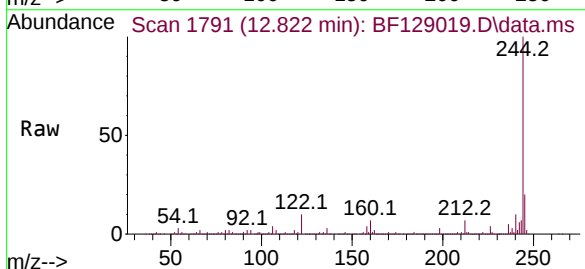
Tgt Ion:244 Resp: 1861795

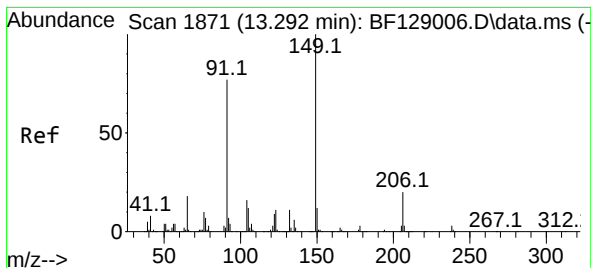
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 9.9 8.8 13.2





#80

Butylbenzylphthalate

Concen: 43.679 ng

RT: 13.292 min Scan# 1871

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

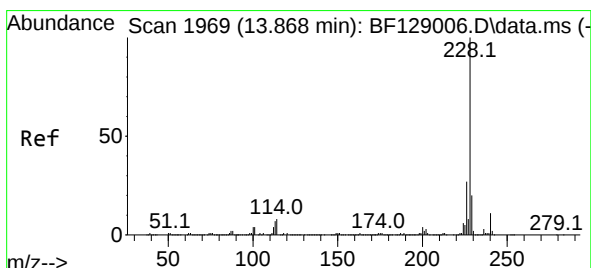
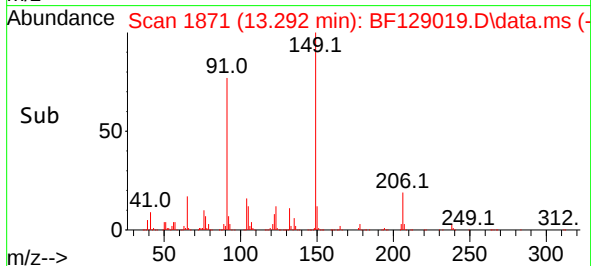
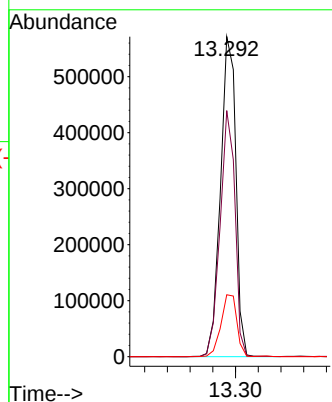
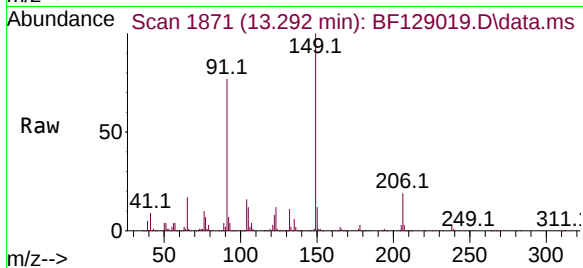
Tgt Ion:149 Resp: 537738

Ion Ratio Lower Upper

149 100

91 76.9 61.2 91.8

206 19.4 15.7 23.5



#81

Benzo(a)anthracene

Concen: 41.643 ng

RT: 13.869 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

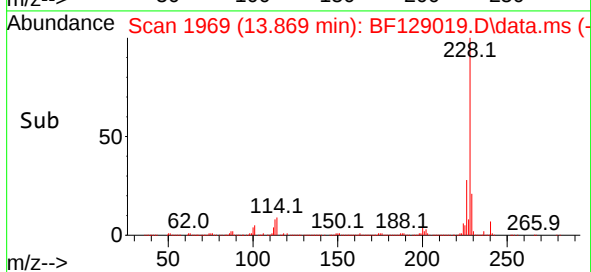
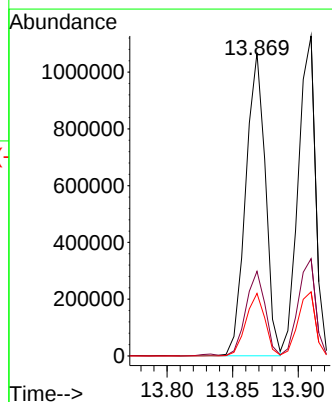
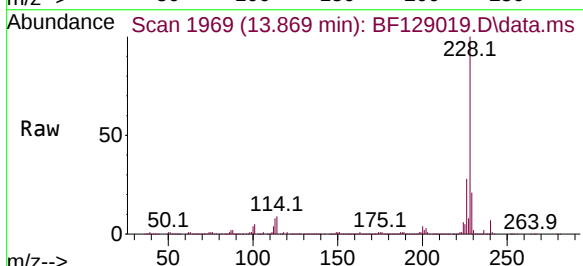
Tgt Ion:228 Resp: 1109902

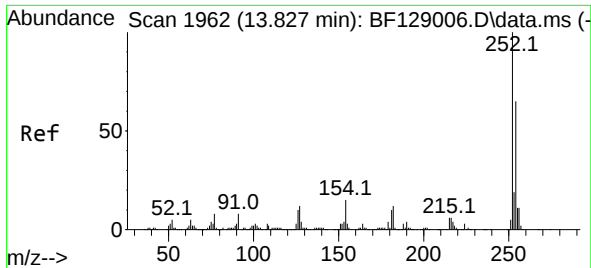
Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 20.6 15.8 23.8

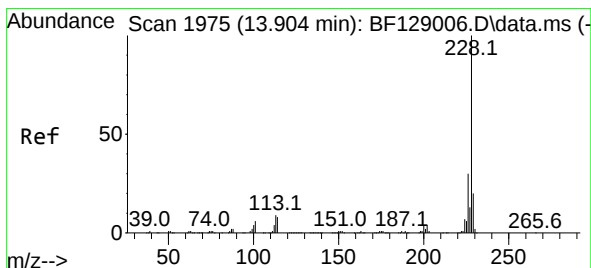
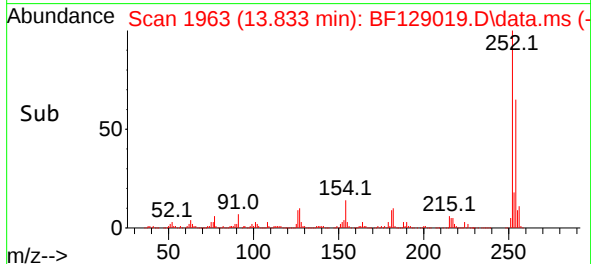
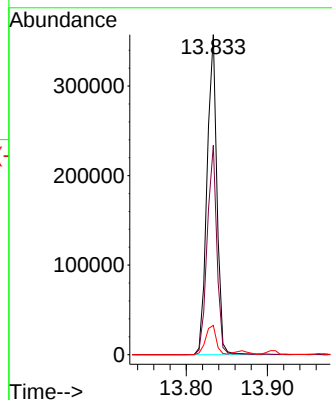
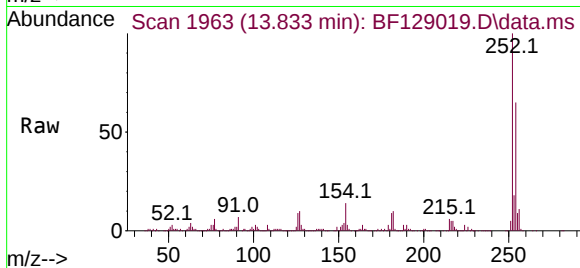




#82  
3,3'-Dichlorobenzidine  
Concen: 49.794 ng  
RT: 13.833 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

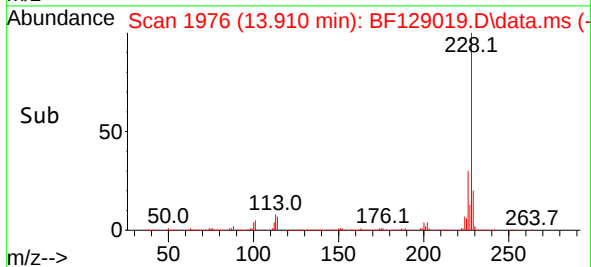
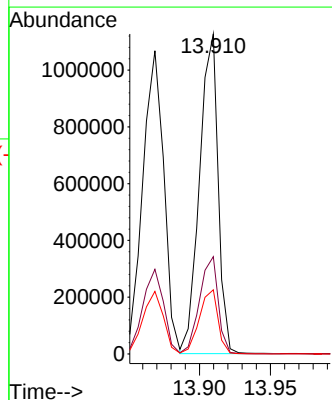
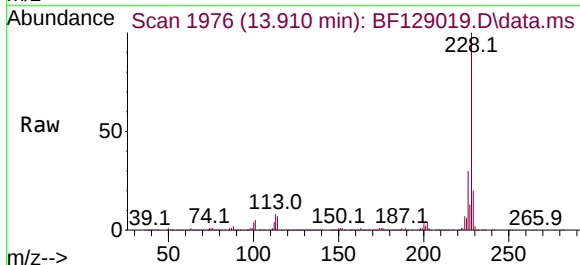
Instrument :  
BNA\_F  
ClientSampleId :  
PB145737BS

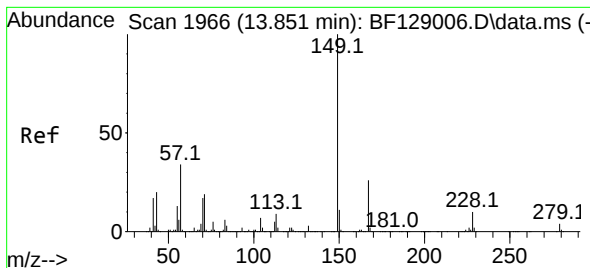
Tgt Ion:252 Resp: 300783  
Ion Ratio Lower Upper  
252 100  
254 65.4 50.2 75.4  
126 9.2 8.2 12.4



#83  
Chrysene  
Concen: 40.344 ng  
RT: 13.910 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: BF129019.D  
Acq: 26 Jun 2022 22:22

Tgt Ion:228 Resp: 1028468  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.3 36.5  
229 20.0 15.9 23.9

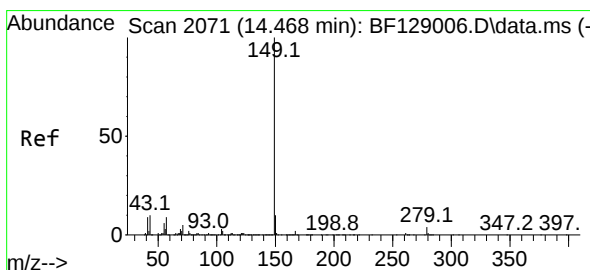
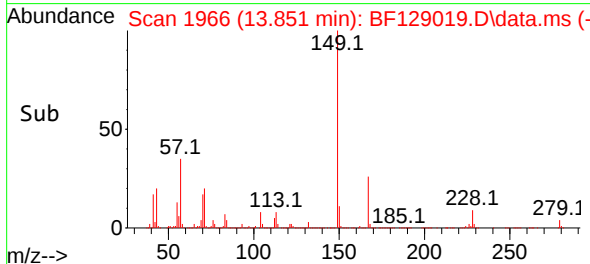
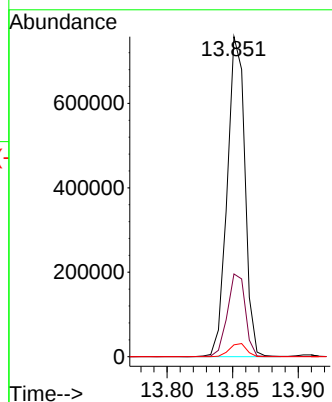
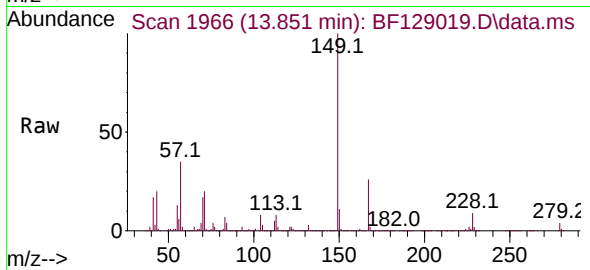




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.383 ng  
 RT: 13.851 min Scan# 1966  
 Delta R.T. 0.000 min  
 Lab File: BF129019.D  
 Acq: 26 Jun 2022 22:22

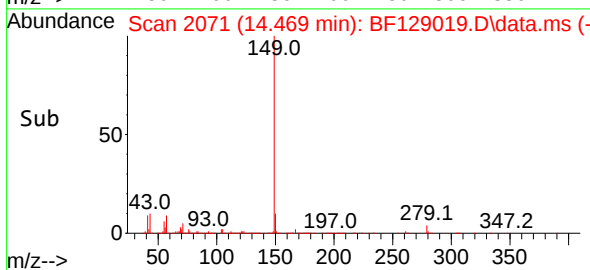
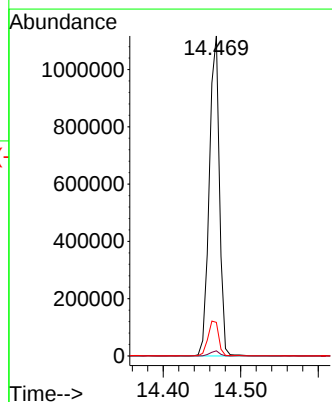
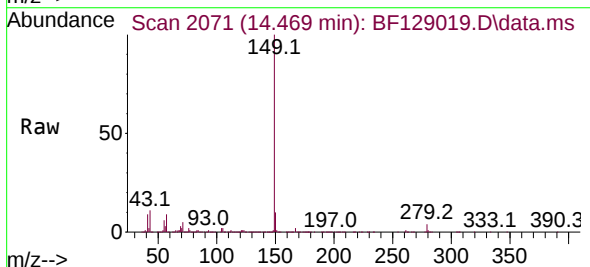
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145737BS

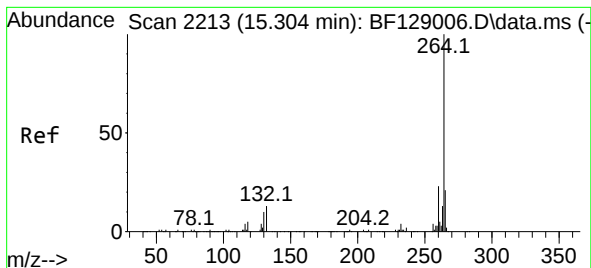
Tgt Ion:149 Resp: 709238  
 Ion Ratio Lower Upper  
 149 100  
 167 25.9 21.0 31.4  
 279 3.7 3.1 4.7



#85  
 Di-n-octyl phthalate  
 Concen: 41.183 ng  
 RT: 14.469 min Scan# 2071  
 Delta R.T. 0.000 min  
 Lab File: BF129019.D  
 Acq: 26 Jun 2022 22:22

Tgt Ion:149 Resp: 1013244  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.3 1.9  
 43 11.6 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

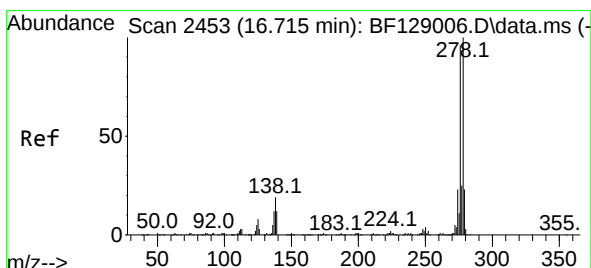
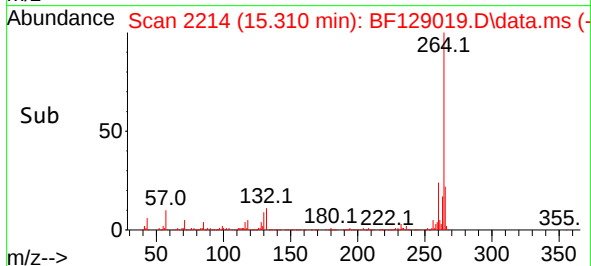
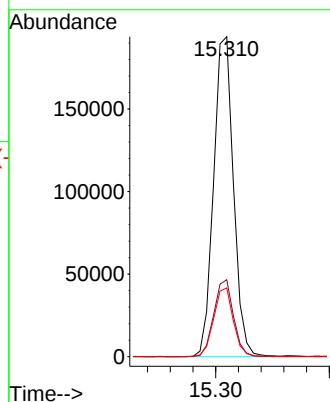
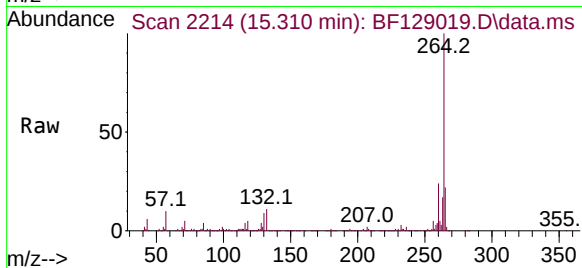
Tgt Ion:264 Resp: 235442

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 42.551 ng

RT: 16.715 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

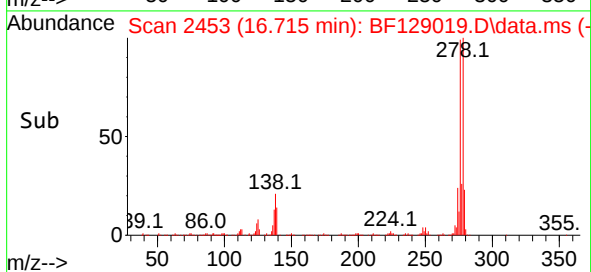
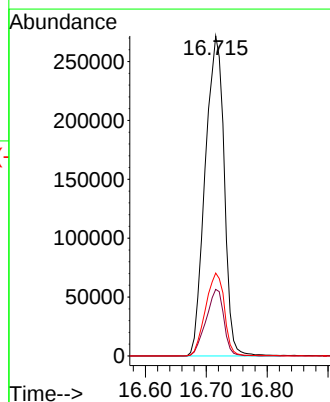
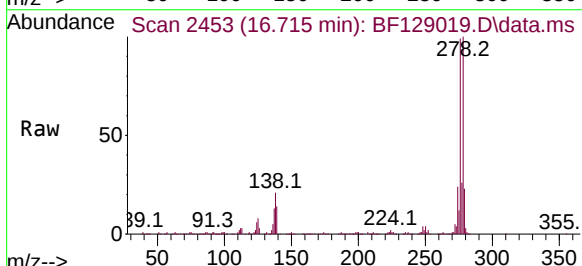
Tgt Ion:276 Resp: 588643

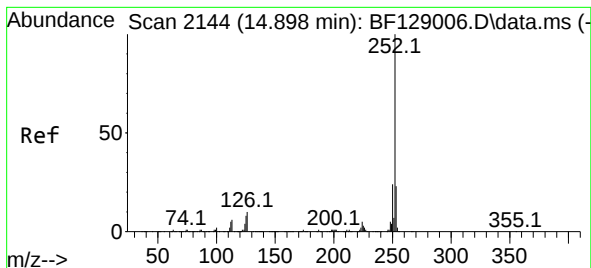
Ion Ratio Lower Upper

276 100

138 19.5 21.1 31.7#

277 25.8 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 48.452 ng

RT: 14.904 min Scan# 2145

Delta R.T. 0.006 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

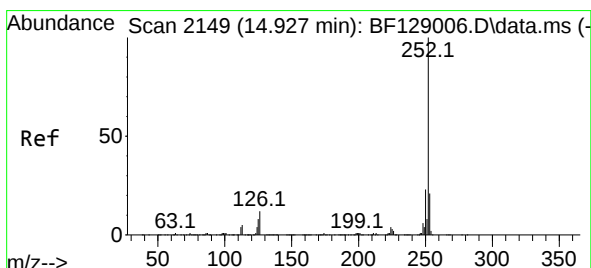
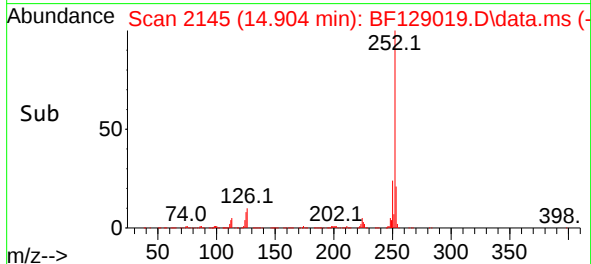
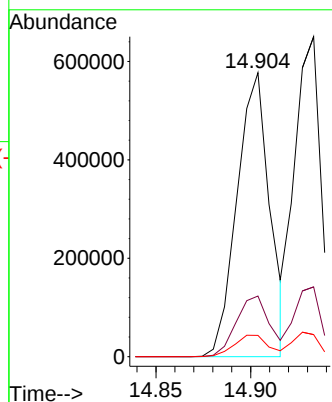
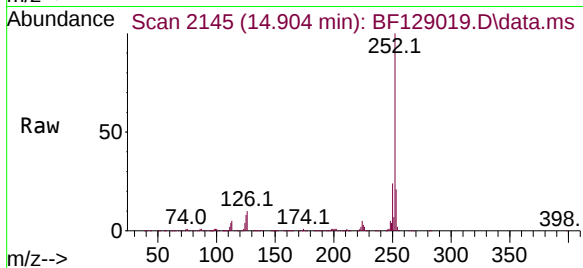
Tgt Ion:252 Resp: 693253

Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 7.5 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 45.275 ng

RT: 14.933 min Scan# 2150

Delta R.T. 0.006 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

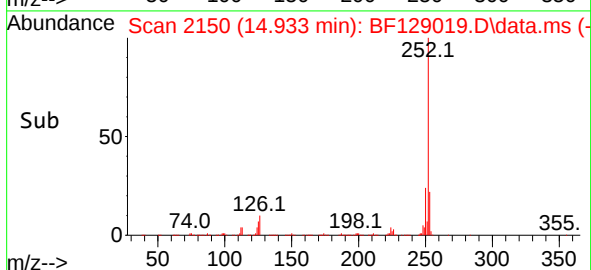
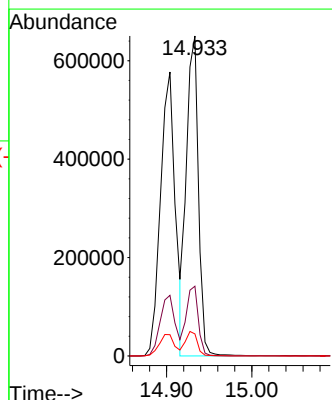
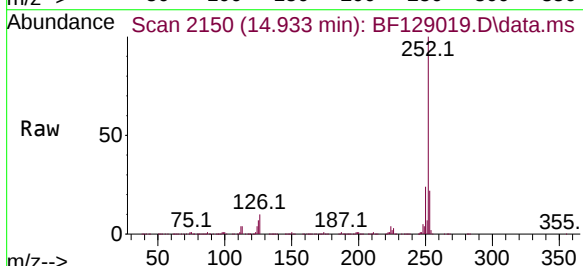
Tgt Ion:252 Resp: 638156

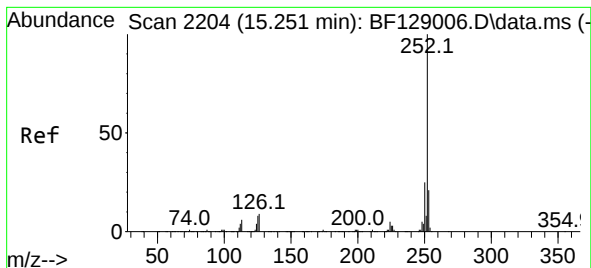
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 6.9 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 51.992 ng

RT: 15.251 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS

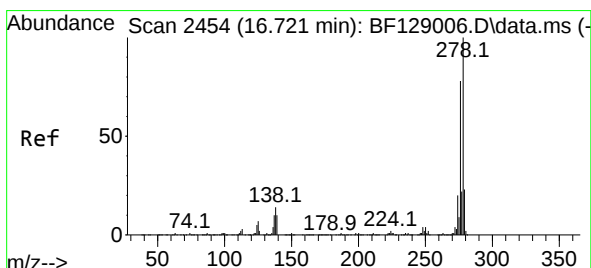
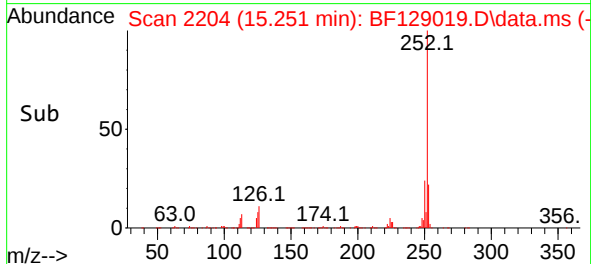
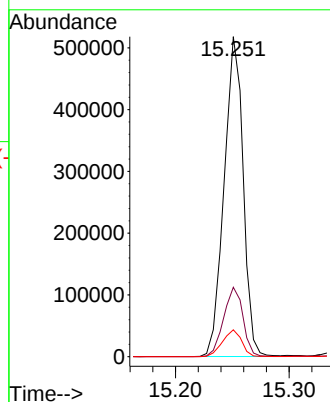
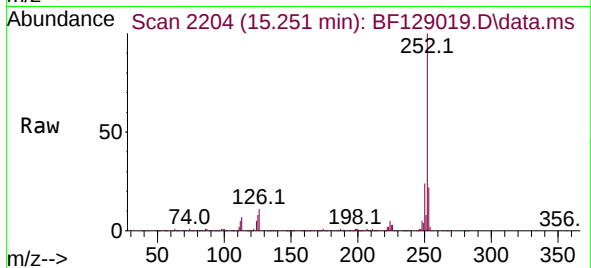
Tgt Ion:252 Resp: 603570

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 8.4 8.8 13.2#



#91

Dibenzo(a,h)anthracene

Concen: 45.974 ng

RT: 16.721 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BF129019.D

Acq: 26 Jun 2022 22:22

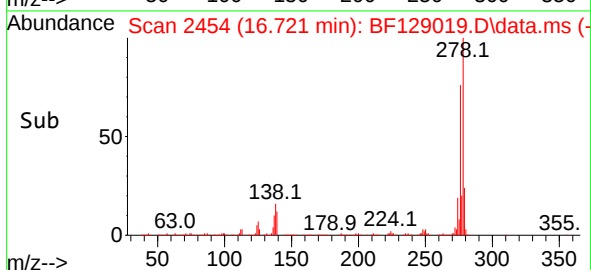
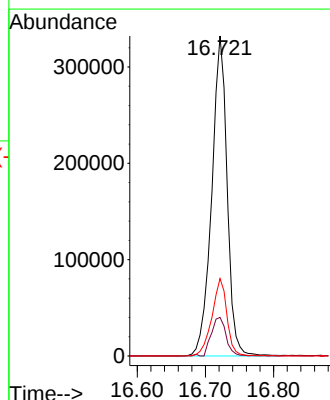
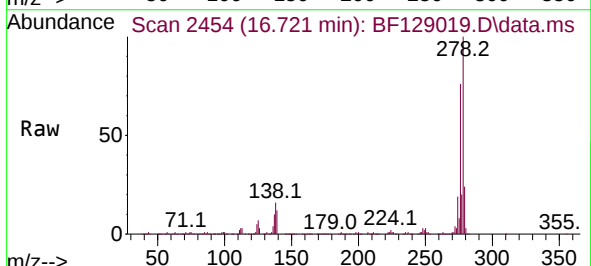
Tgt Ion:278 Resp: 524082

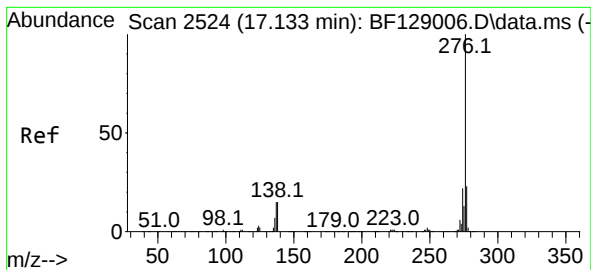
Ion Ratio Lower Upper

278 100

139 12.0 12.8 19.2#

279 24.2 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 45.536 ng

RT: 17.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129019.D

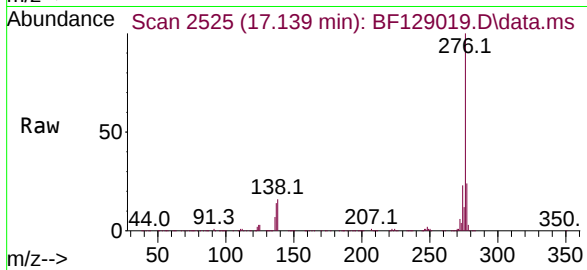
Acq: 26 Jun 2022 22:22

Instrument :

BNA\_F

ClientSampleId :

PB145737BS



Tgt Ion:276 Resp: 515386

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 16.4 18.0 27.0#

