

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122022\  
 Data File : BF131706.D  
 Acq On : 20 Dec 2022 11:28  
 Operator : CG\JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Dec 21 02:09:56 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:06:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 99708    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 370171   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 224296   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 429548   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.062 | 240  | 328527   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.556 | 264  | 250738   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 31511    | 5.272  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.486  | 99   | 42408    | 5.415  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 44813    | 4.577  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 11346    | 4.553  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 85752    | 4.821  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 99069    | 4.136  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.610  | 88   | 8002     | 2.966  | ng    | 97       |
| 3) Pyridine                   | 3.387  | 79   | 19350    | 2.583  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.310  | 42   | 9172     | 2.220  | ng    | # 82     |
| 6) Aniline                    | 6.522  | 93   | 24900    | 2.658  | ng    | 93       |
| 8) 2-Chlorophenol             | 6.645  | 128  | 16231    | 2.563  | ng    | 96       |
| 9) Benzaldehyde               | 6.410  | 77   | 16763    | 3.124  | ng    | 97       |
| 10) Phenol                    | 6.498  | 94   | 25507    | 2.920  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.592  | 93   | 18007    | 2.750  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 19245    | 2.621  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 19750    | 2.666  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.033  | 146  | 18863    | 2.666  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.004  | 79   | 18331    | 2.553  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 23851    | 2.820  | ng    | 95       |
| 17) 2-Methylphenol            | 7.116  | 107  | 15865    | 2.779  | ng    | 99       |
| 18) Hexachloroethane          | 7.375  | 117  | 7818     | 2.617  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 14661    | 2.496  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 21642    | 2.784  | ng    | # 86     |
| 22) Acetophenone              | 7.269  | 105  | 27199    | 2.345  | ng    | # 93     |
| 24) Nitrobenzene              | 7.445  | 77   | 23163    | 2.346  | ng    | 97       |
| 25) Isophorone                | 7.686  | 82   | 38291    | 2.428  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 8197     | 2.434  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 13346    | 2.586  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 21470    | 2.632  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 15753    | 2.468  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 18929    | 2.418  | ng    | 93       |
| 31) Naphthalene               | 8.175  | 128  | 52928    | 2.539  | ng    | 98       |
| 32) Benzoic acid              | 7.863  | 122  | 7327     | 1.960  | ng    | # 88     |
| 33) 4-Chloroaniline           | 8.227  | 127  | 19552    | 2.502  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 12368    | 2.242  | ng    | 98       |
| 35) Caprolactam               | 8.557  | 113  | 4492     | 2.721  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 16886    | 2.356  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 35378    | 2.481  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 33805    | 2.470  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.033  | 216  | 18607    | 2.241  | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 4345     | 1.031  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 12545    | 2.443  | ng    | 99       |

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Quant Time: Dec 21 02:09:56 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:06:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 13436    | 2.433 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 44089    | 2.486 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 35209    | 2.437 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 12313    | 2.406 | ng    | 92       |
| 49) Acenaphthylene            | 9.774  | 152  | 53566    | 2.525 | ng    | 99       |
| 50) Dimethylphthalate         | 9.633  | 163  | 43857    | 2.565 | ng    | # 97     |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 8868     | 2.512 | ng    | 94       |
| 52) Acenaphthene              | 9.951  | 154  | 32268    | 2.270 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 8958     | 2.645 | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 3366     | 1.900 | ng    | 95       |
| 55) Dibenzofuran              | 10.121 | 168  | 52365    | 2.608 | ng    | 94       |
| 56) 4-Nitrophenol             | 10.027 | 139  | 5827     | 2.477 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 10949    | 2.338 | ng    | 90       |
| 58) Fluorene                  | 10.469 | 166  | 40603    | 2.487 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.198 | 232  | 9729     | 2.080 | ng    | 93       |
| 60) Diethylphthalate          | 10.333 | 149  | 41811    | 2.548 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 21935    | 2.431 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 8498     | 2.532 | ng    | 99       |
| 63) Azobenzene                | 10.616 | 77   | 45315    | 2.421 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 5353     | 1.968 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.574 | 169  | 34535    | 2.487 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 13013    | 2.355 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 13678    | 2.288 | ng    | 94       |
| 69) Atrazine                  | 11.104 | 200  | 12040    | 2.730 | ng    | 95       |
| 70) Pentachlorophenol         | 11.216 | 266  | 5140     | 1.670 | ng    | 88       |
| 71) Phenanthrene              | 11.433 | 178  | 62323    | 2.603 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 59004    | 2.533 | ng    | 98       |
| 73) Carbazole                 | 11.639 | 167  | 53127    | 2.794 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.968 | 149  | 60291    | 2.585 | ng    | 98       |
| 75) Fluoranthene              | 12.627 | 202  | 69520    | 2.820 | ng    | 98       |
| 77) Benzidine                 | 12.751 | 184  | 28278    | 3.212 | ng    | 97       |
| 78) Pyrene                    | 12.857 | 202  | 71055    | 2.193 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 23064    | 2.460 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 60369    | 2.545 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 16932    | 2.508 | ng    | # 97     |
| 83) Chrysene                  | 14.086 | 228  | 57802    | 2.563 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 26360    | 2.322 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.656 | 149  | 35974    | 1.881 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 32533    | 1.590 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 43788    | 2.650 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 43788    | 2.539 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.492 | 252  | 32937    | 2.335 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 27247    | 1.618 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 26039    | 1.538 | ng    | 97       |

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

**Instrument :**

BNA F

**ClientSampleId :**

SSTDICC2.5

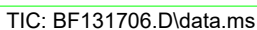
Quant Time: Dec 21 02:09:56 2022

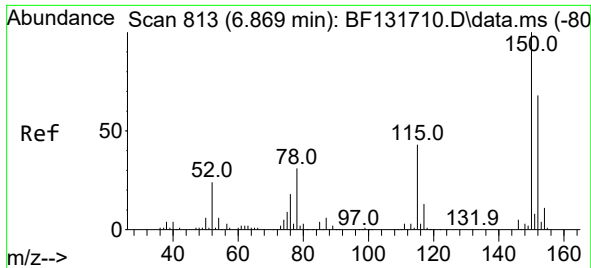
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 21 02:06:48 2022

Response via : Initial Calibration

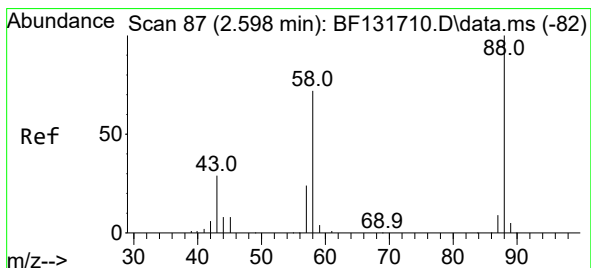
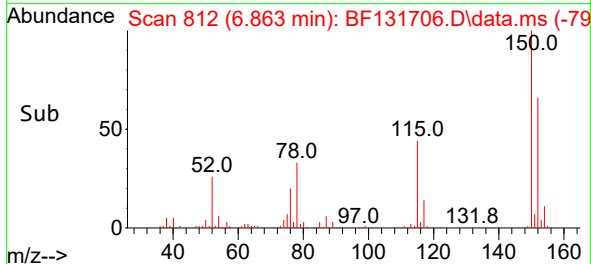
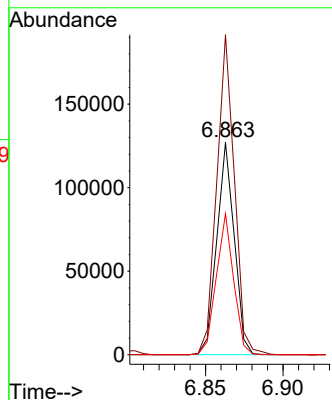
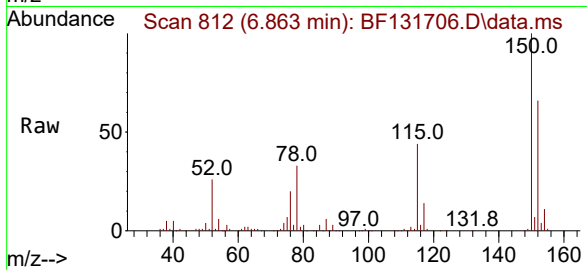




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.863 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF131706.D  
 Acq: 20 Dec 2022 11:28

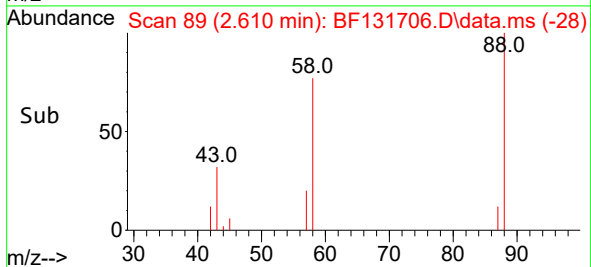
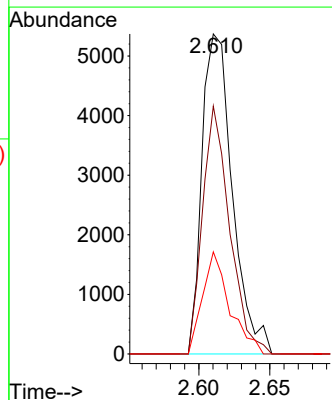
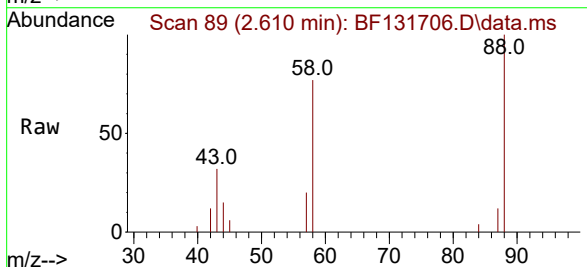
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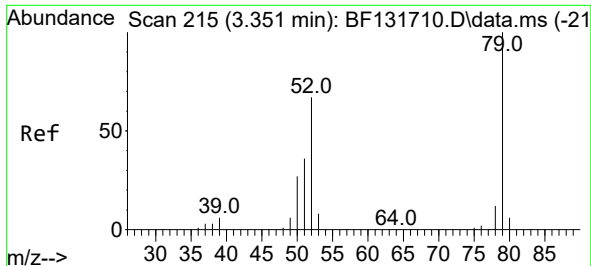
Tgt Ion:152 Resp: 99708  
 Ion Ratio Lower Upper  
 152 100  
 150 150.7 117.4 176.0  
 115 66.4 50.2 75.4



#2  
 1,4-Dioxane  
 Concen: 2.966 ng  
 RT: 2.610 min Scan# 89  
 Delta R.T. 0.012 min  
 Lab File: BF131706.D  
 Acq: 20 Dec 2022 11:28

Tgt Ion: 88 Resp: 8002  
 Ion Ratio Lower Upper  
 88 100  
 58 69.0 57.5 86.3  
 43 28.5 23.3 34.9

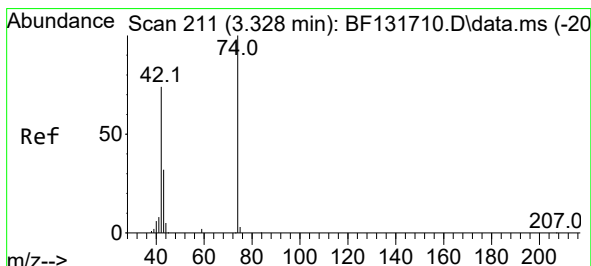
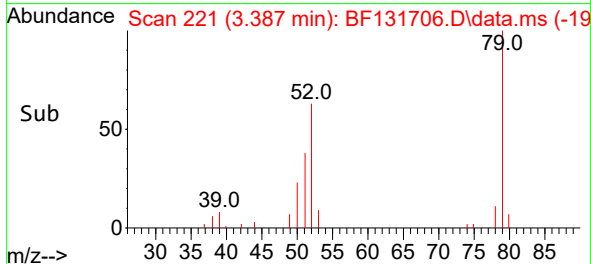
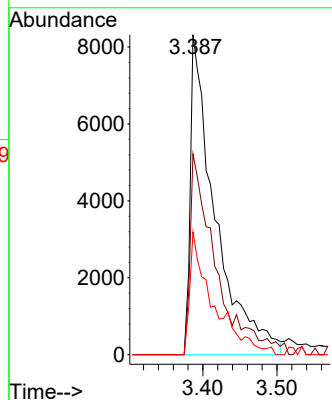
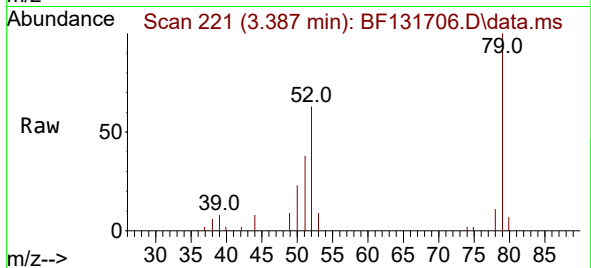




#3  
Pyridine  
Concen: 2.583 ng  
RT: 3.387 min Scan# 215  
Delta R.T. 0.035 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

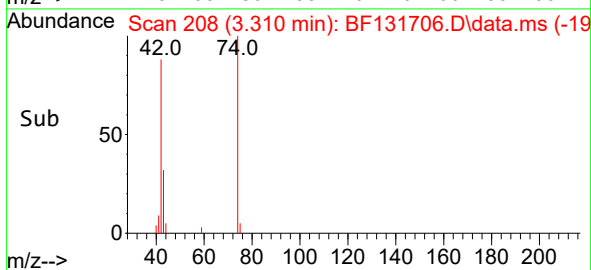
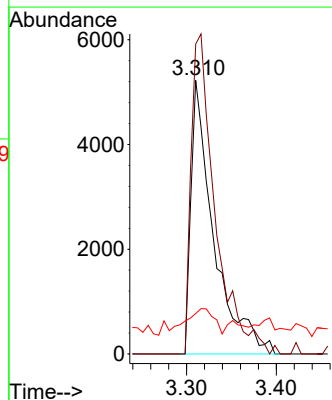
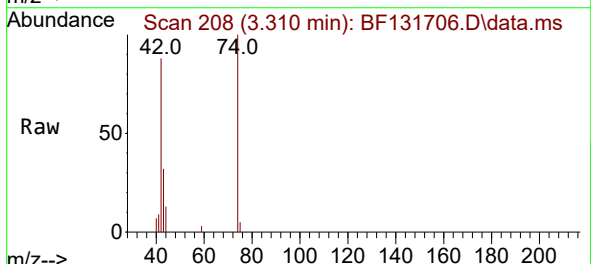
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

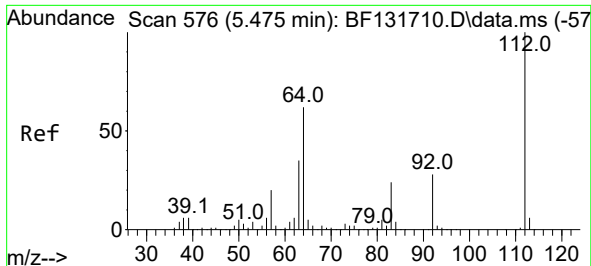
Tgt Ion: 79 Resp: 19350  
Ion Ratio Lower Upper  
79 100  
52 62.8 53.7 80.5  
51 38.4 28.6 42.8



#4  
n-Nitrosodimethylamine  
Concen: 2.220 ng  
RT: 3.310 min Scan# 208  
Delta R.T. -0.018 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion: 42 Resp: 9172  
Ion Ratio Lower Upper  
42 100  
74 113.3 107.8 161.8  
44 14.8 5.5 8.3

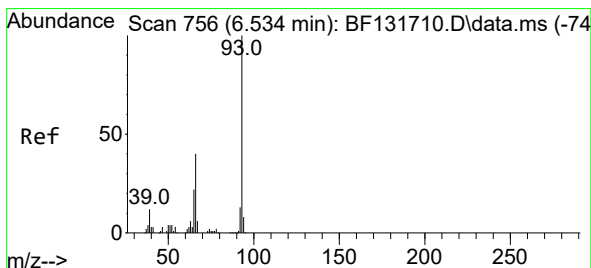
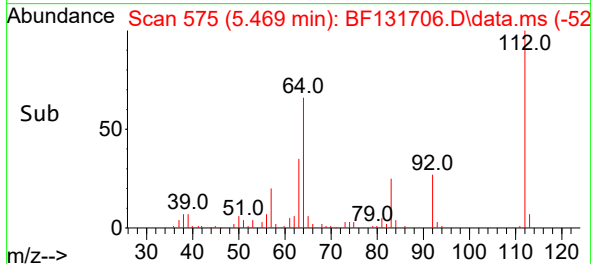
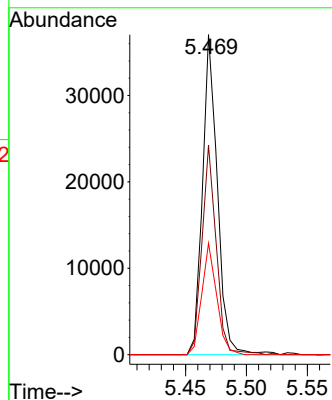
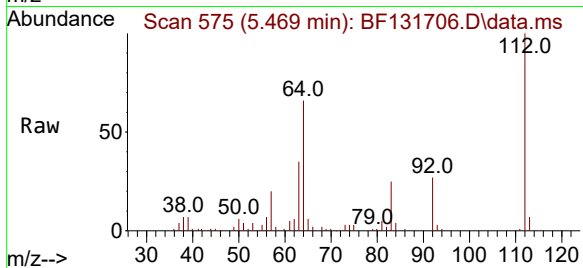




#5  
2-Fluorophenol  
Concen: 5.272 ng  
RT: 5.469 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

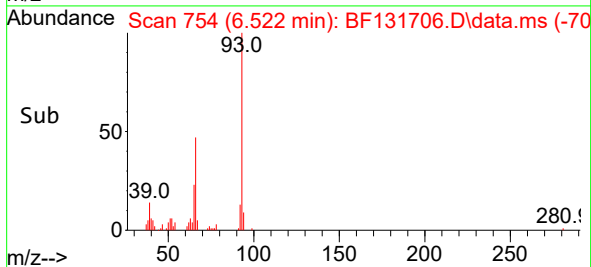
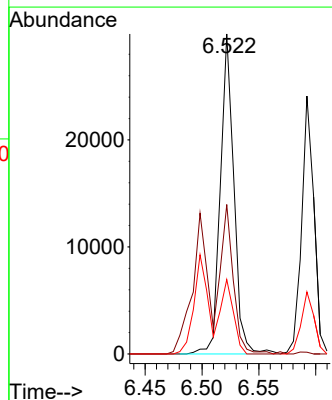
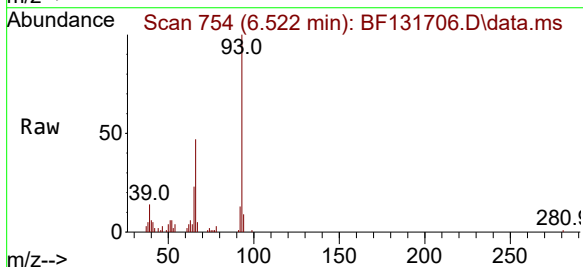
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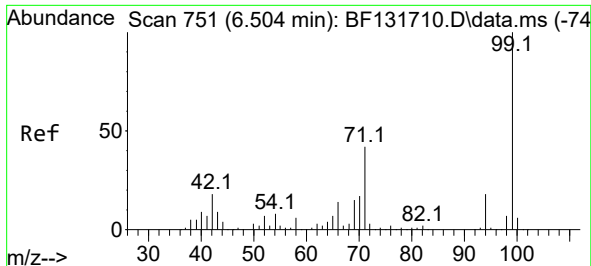
Tgt Ion:112 Resp: 31511  
Ion Ratio Lower Upper  
112 100  
64 65.5 49.5 74.3  
63 34.8 28.2 42.2



#6  
Aniline  
Concen: 2.658 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion: 93 Resp: 24900  
Ion Ratio Lower Upper  
93 100  
66 46.7 32.8 49.2  
65 23.3 17.4 26.2

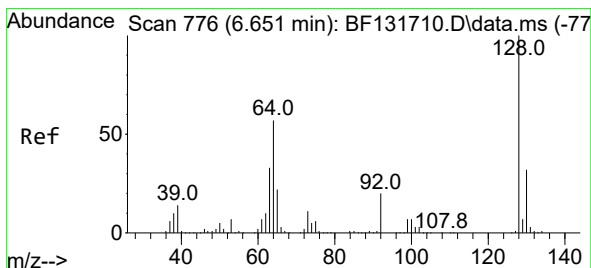
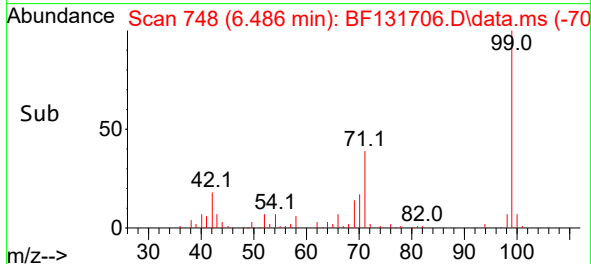
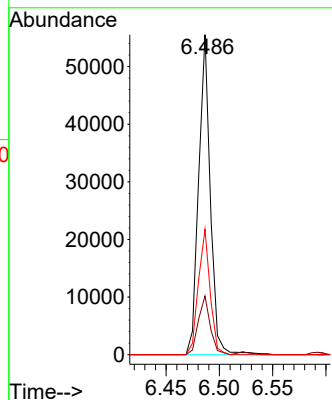
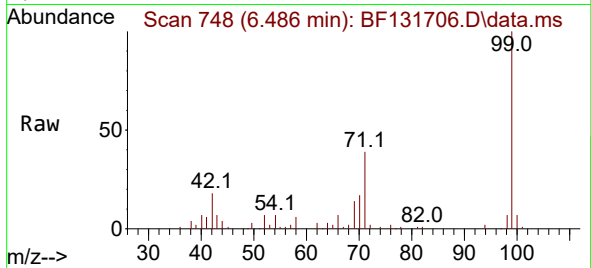




#7  
Phenol-d6  
Concen: 5.415 ng  
RT: 6.486 min Scan# 748  
Delta R.T. -0.018 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

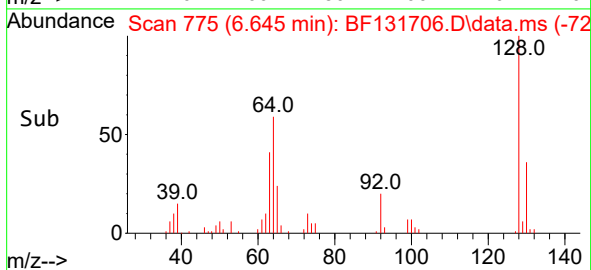
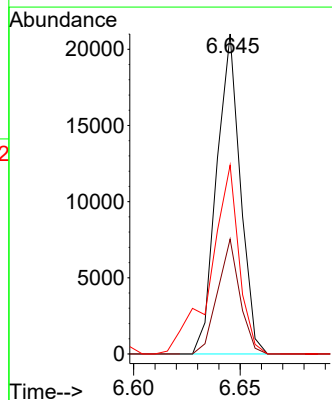
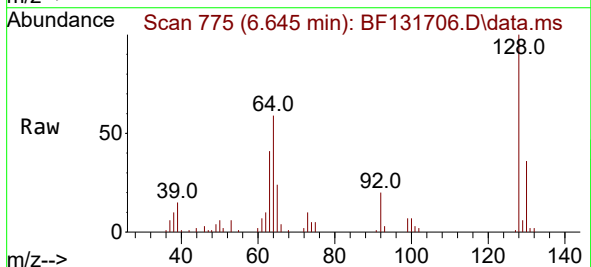
Instrument :  
BNA\_F  
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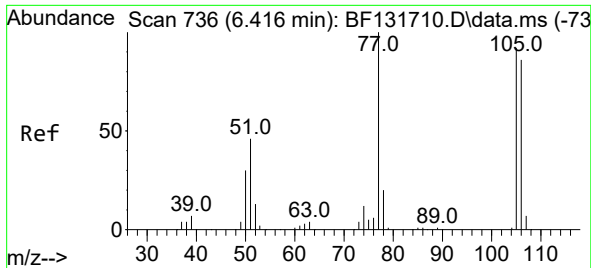
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Ion Ratio Lower Upper  
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42 18.4 14.8 22.2  
71 39.2 33.8 50.6



#8  
2-Chlorophenol  
Concen: 2.563 ng  
RT: 6.645 min Scan# 775  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:128 Resp: 16231  
Ion Ratio Lower Upper  
128 100  
130 35.9 12.0 52.0  
64 59.0 37.7 77.7

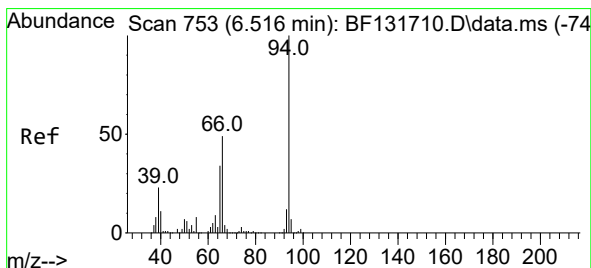
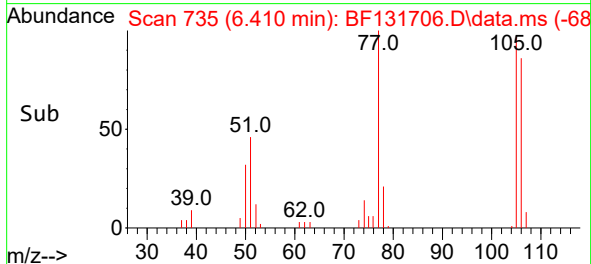
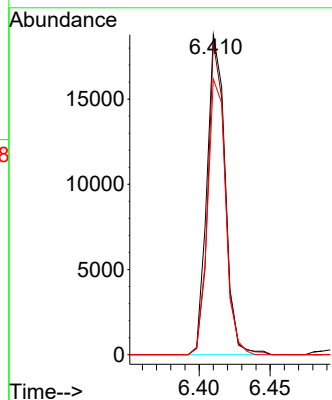
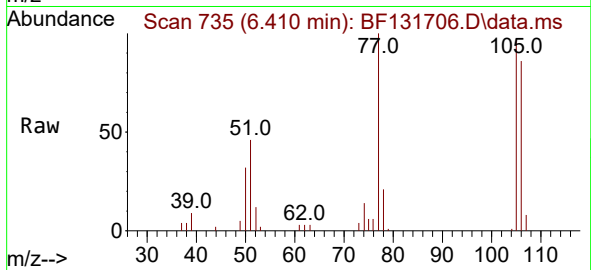




#9  
Benzaldehyde  
Concen: 3.124 ng  
RT: 6.410 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

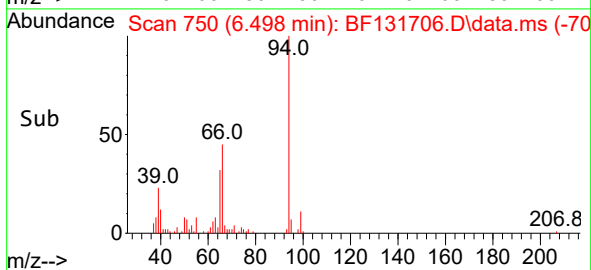
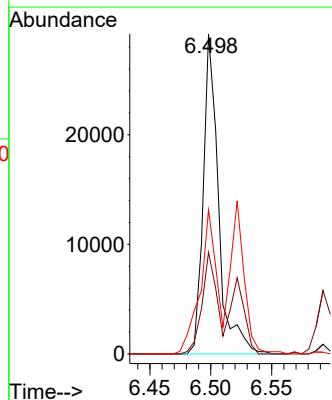
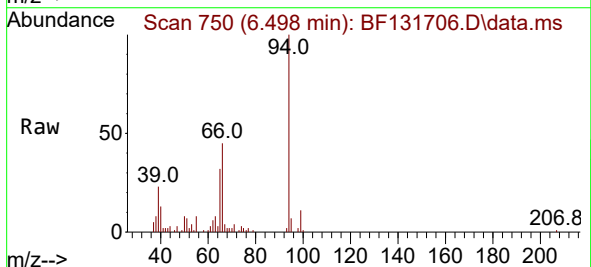
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 77 Resp: 16763  
Ion Ratio Lower Upper  
77 100  
105 97.5 72.4 112.4  
106 86.1 66.5 106.5

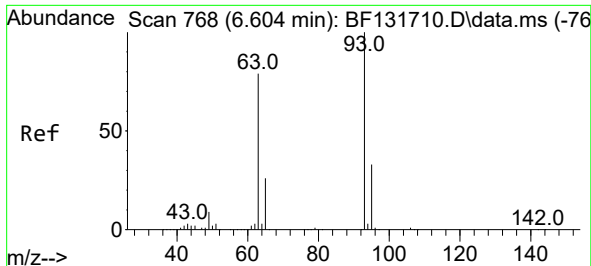


#10  
Phenol  
Concen: 2.920 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.018 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion: 94 Resp: 25507  
Ion Ratio Lower Upper  
94 100  
65 31.8 14.0 54.0  
66 45.1 28.8 68.8



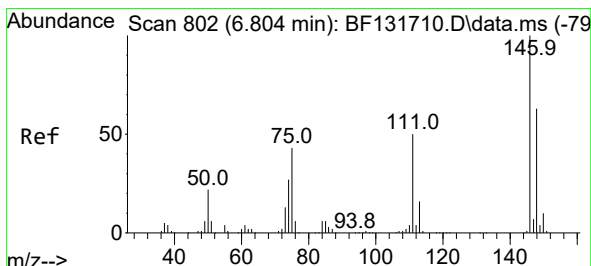
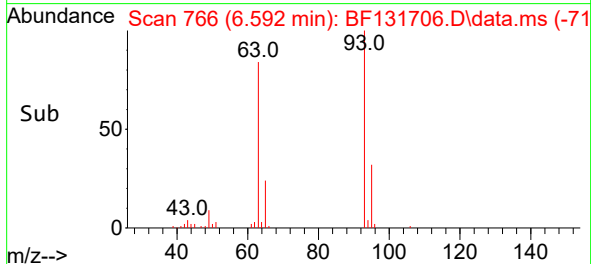
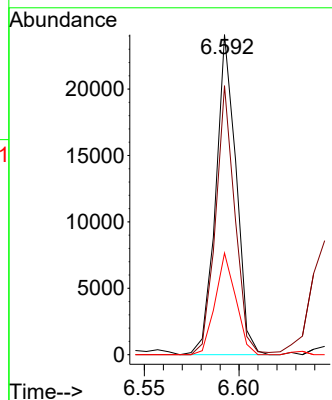
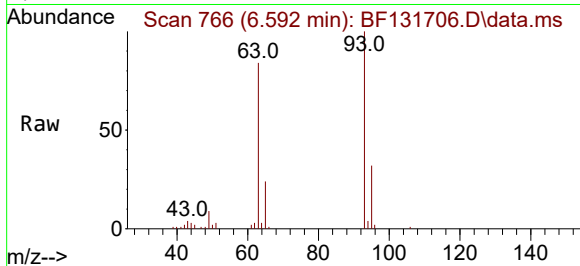




#11  
bis(2-Chloroethyl)ether  
Concen: 2.750 ng  
RT: 6.592 min Scan# 766  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

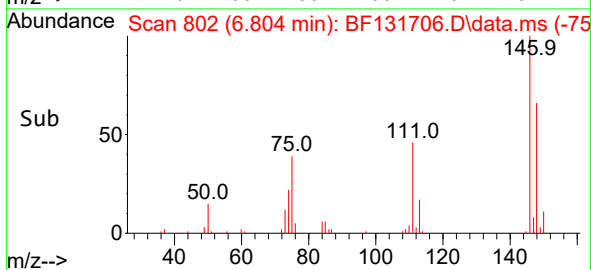
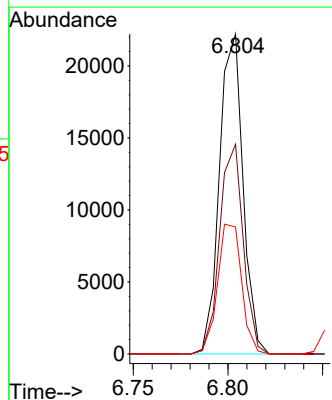
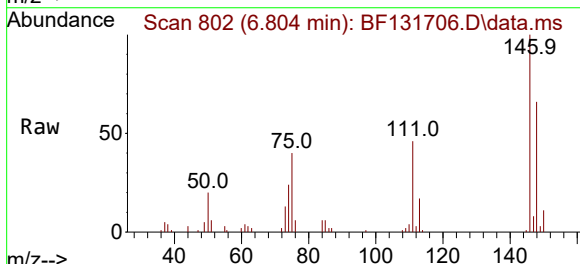
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

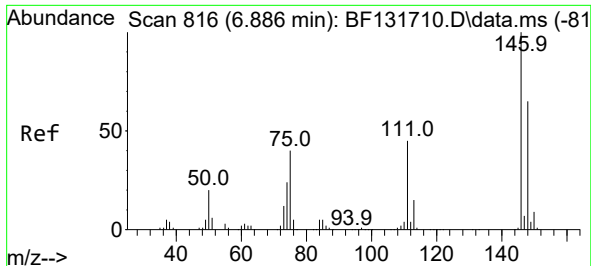
Tgt Ion: 93 Resp: 18007  
Ion Ratio Lower Upper  
93 100  
63 84.1 59.0 99.0  
95 31.8 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 2.621 ng  
RT: 6.804 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion: 146 Resp: 19245  
Ion Ratio Lower Upper  
146 100  
148 65.5 50.6 76.0  
75 39.7 34.3 51.5





#13

1,4-Dichlorobenzene

Concen: 2.666 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

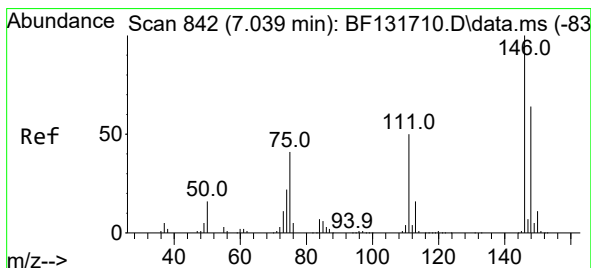
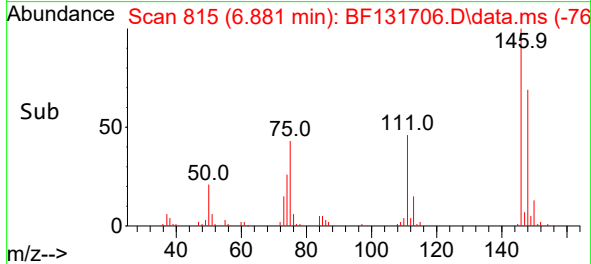
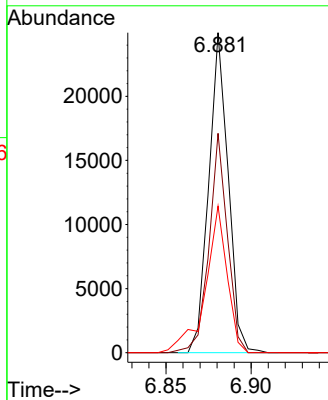
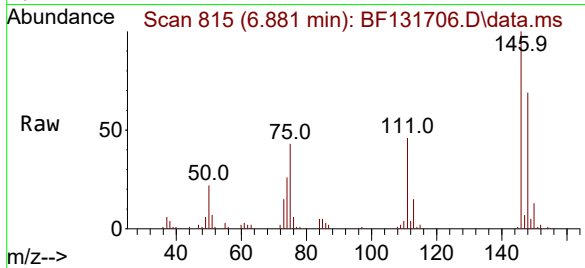
Tgt Ion:146 Resp: 19750

Ion Ratio Lower Upper

146 100

148 68.5 52.2 78.4

111 45.8 36.4 54.6



#14

1,2-Dichlorobenzene

Concen: 2.666 ng

RT: 7.033 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

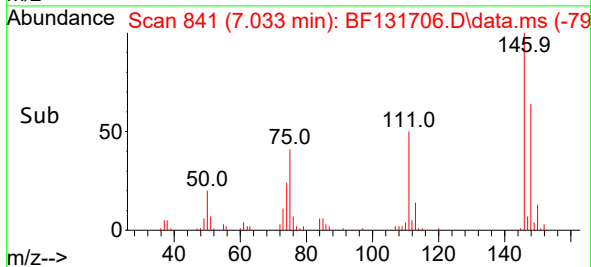
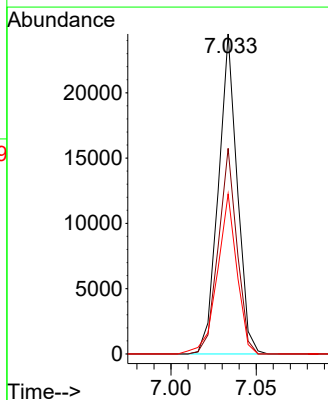
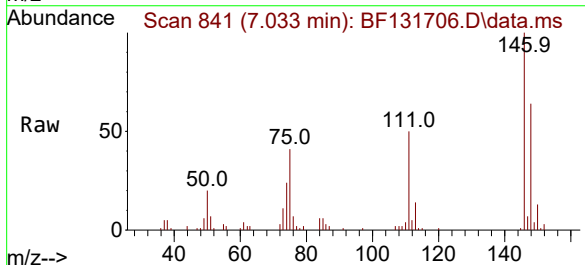
Tgt Ion:146 Resp: 18863

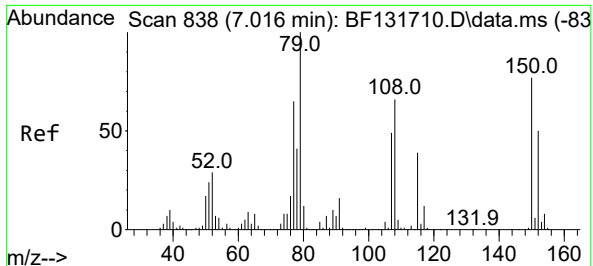
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 50.0 39.8 59.6





#15

Benzyl Alcohol

Concen: 2.553 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

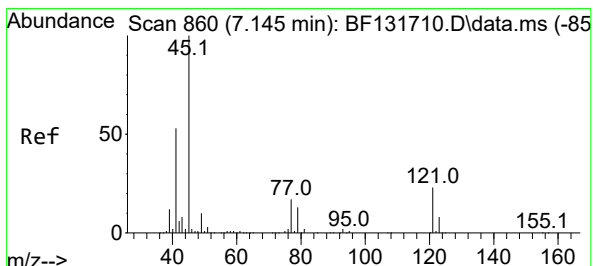
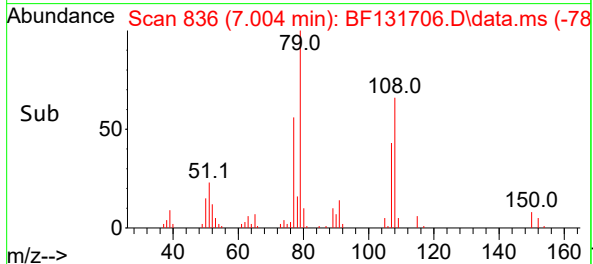
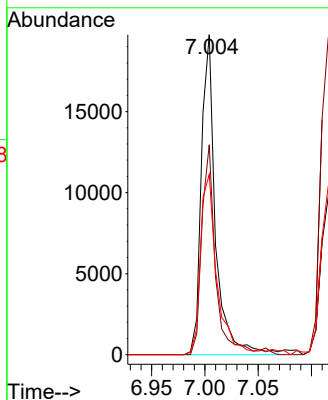
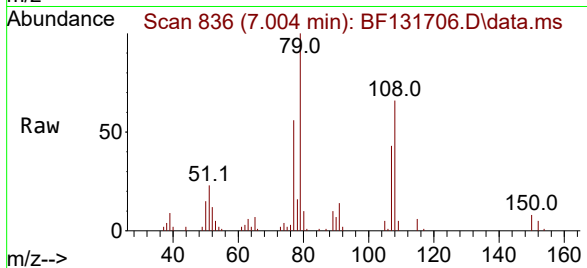
Tgt Ion: 79 Resp: 18331

Ion Ratio Lower Upper

79 100

108 65.6 52.6 78.8

77 56.3 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.820 ng

RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

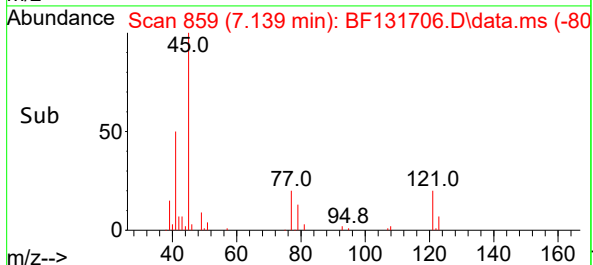
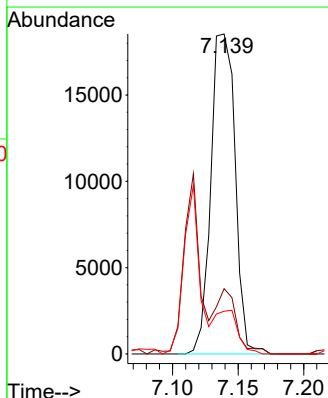
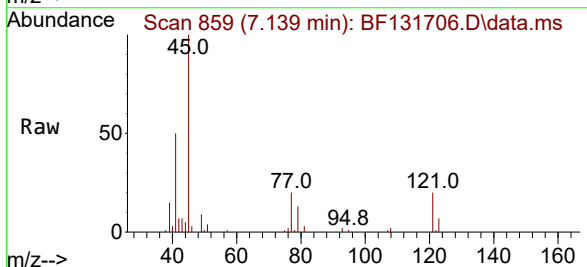
Tgt Ion: 45 Resp: 23851

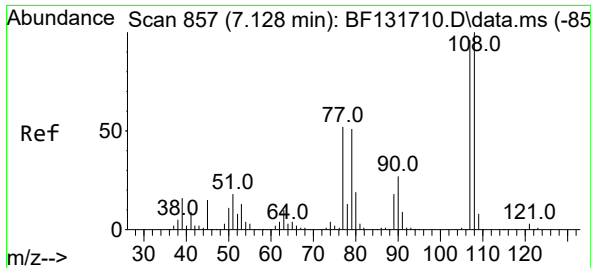
Ion Ratio Lower Upper

45 100

77 20.4 0.0 36.8

79 13.4 0.0 33.1

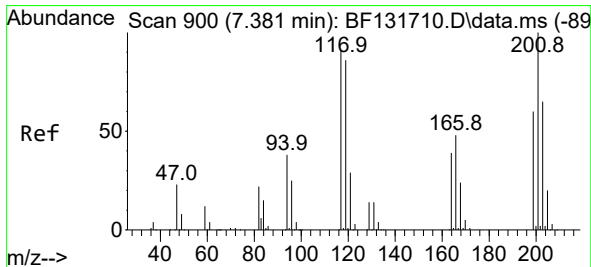
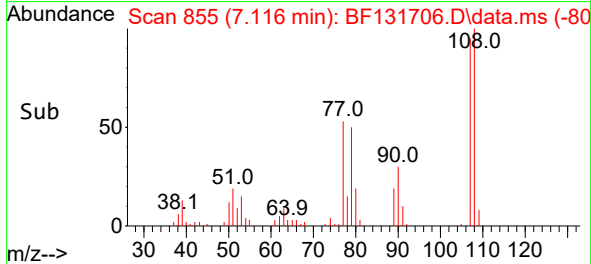
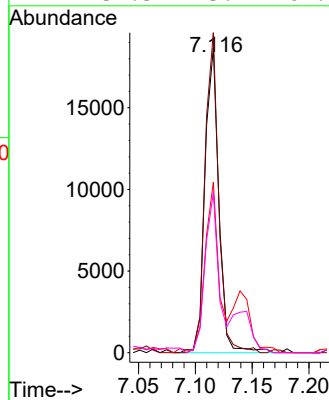
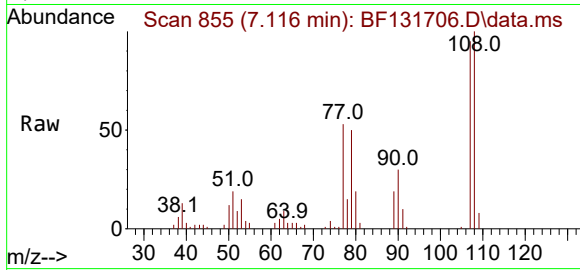




#17  
2-Methylphenol  
Concen: 2.779 ng  
RT: 7.116 min Scan# 811  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

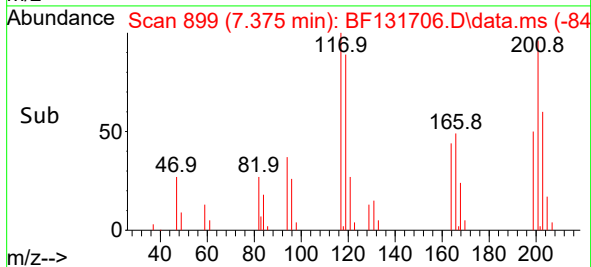
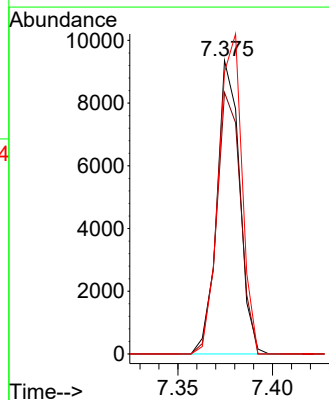
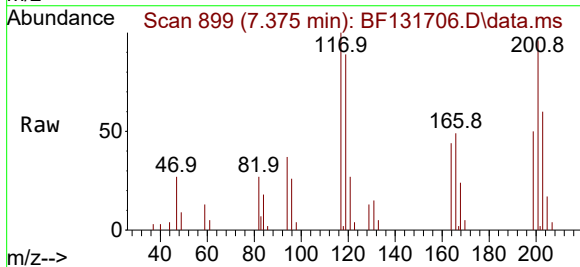
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

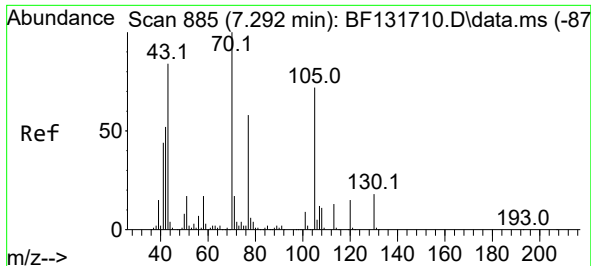
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 15865 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.0 | 83.8  | 125.6 |
| 77       | 55.9  | 43.8  | 65.8  |
| 79       | 52.3  | 43.2  | 64.8  |



#18  
Hexachloroethane  
Concen: 2.617 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 7818  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.1  | 75.8  | 113.8 |
| 201      | 98.2  | 88.2  | 132.4 |

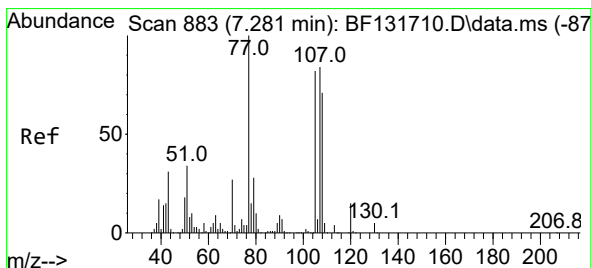
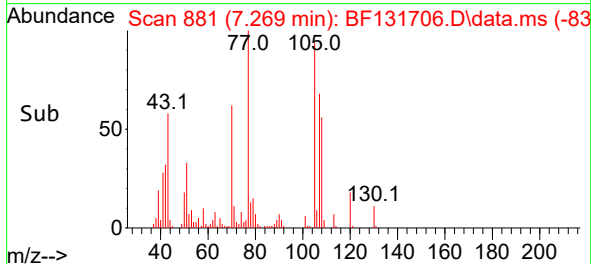
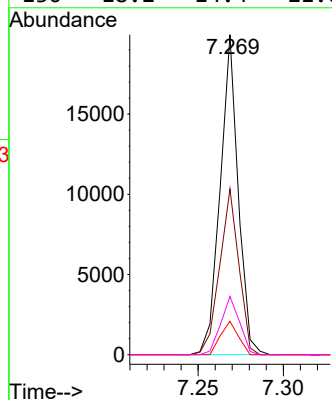
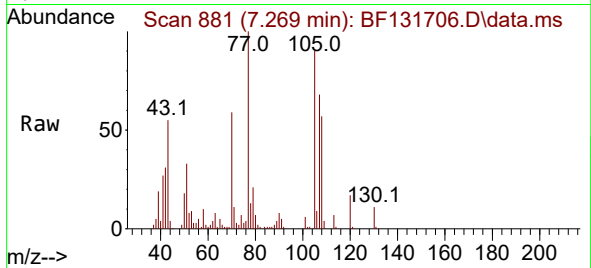




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.496 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.024 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

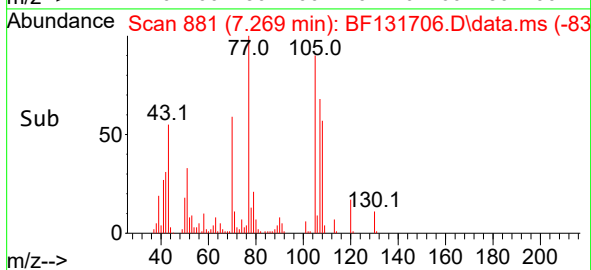
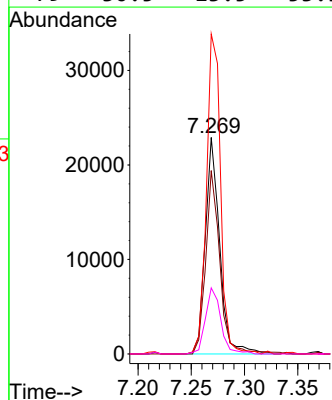
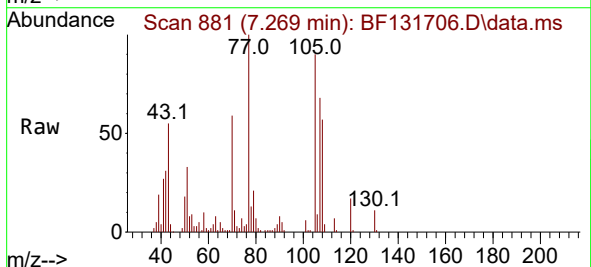
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

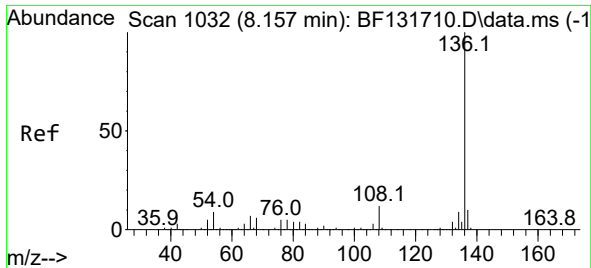
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 14661 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 51.8  | 41.5  | 62.3  |
| 101      | 10.4  | 7.3   | 10.9  |
| 130      | 18.2  | 14.4  | 21.6  |



#20  
3+4-Methylphenols  
Concen: 2.784 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 21642  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 84.7  | 65.2  | 105.2  |
| 77       | 147.8 | 99.6  | 139.6# |
| 79       | 30.5  | 13.5  | 53.5   |



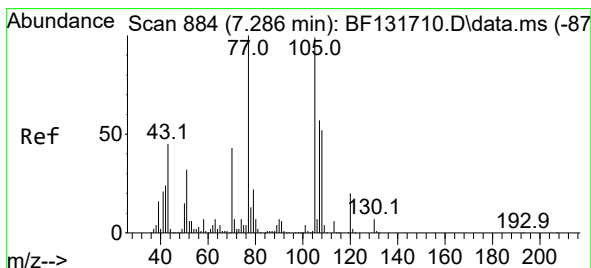
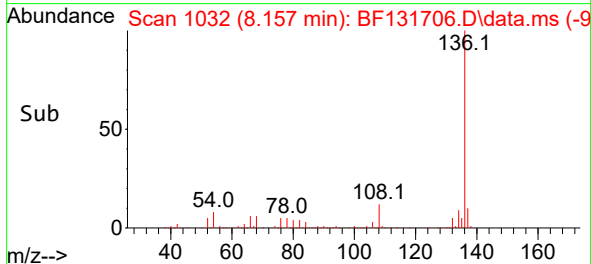
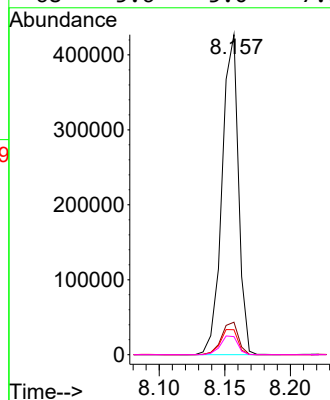
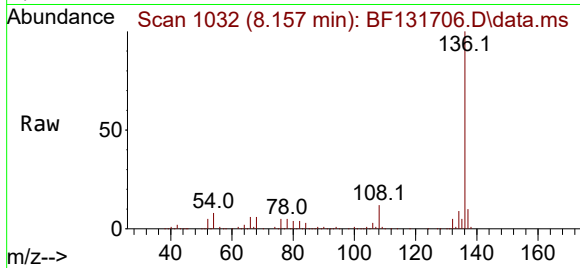


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:136 Resp: 370171

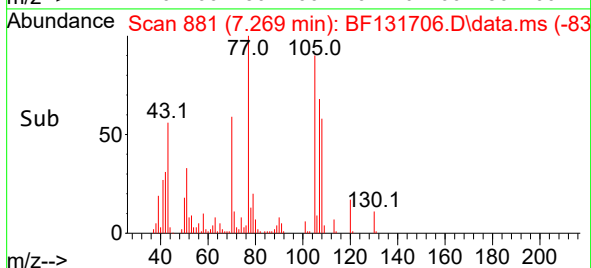
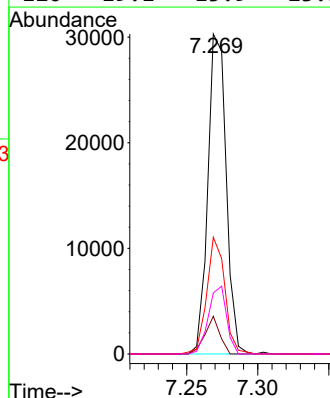
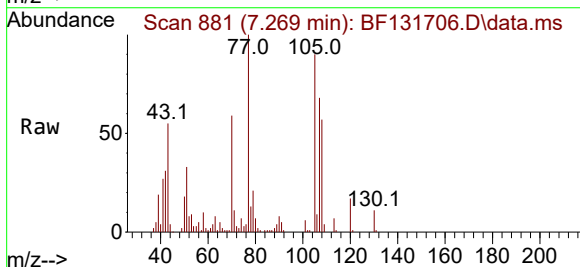
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.1  | 8.4   | 12.6  |
| 54  | 7.8   | 7.2   | 10.8  |
| 68  | 5.6   | 5.0   | 7.6   |

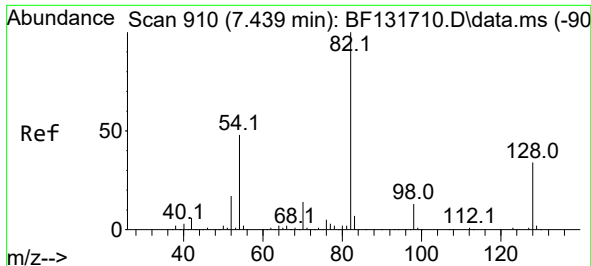


#22  
Acetophenone  
Concen: 2.345 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.018 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:105 Resp: 27199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 11.8  | 5.5   | 8.3   |
| 51  | 36.5  | 25.5  | 38.3  |
| 120 | 19.1  | 15.9  | 23.9  |





#23

Nitrobenzene-d5

Concen: 4.577 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

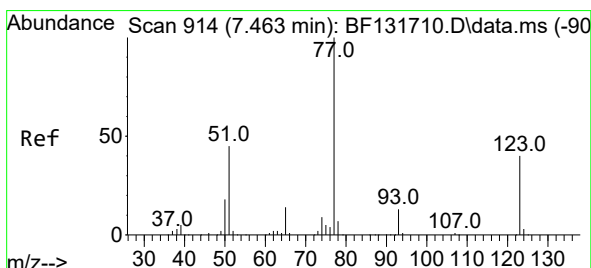
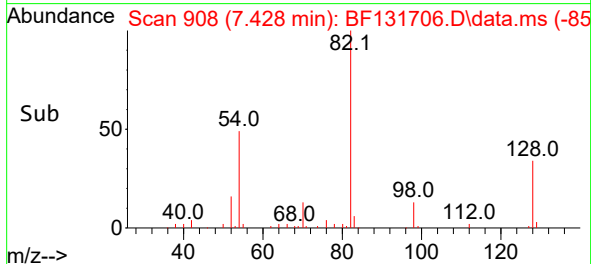
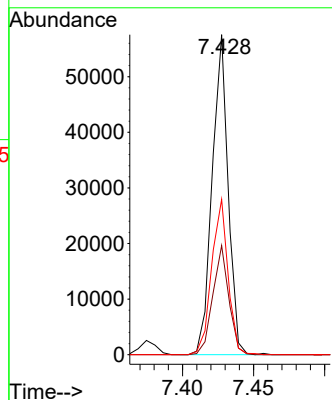
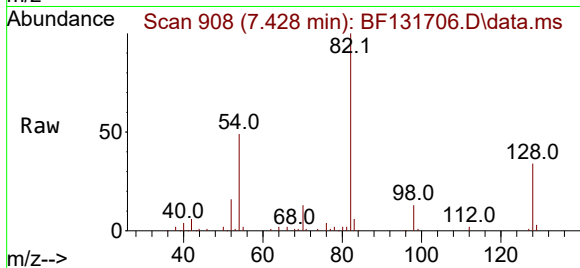
Tgt Ion: 82 Resp: 44813

Ion Ratio Lower Upper

82 100

128 34.1 27.3 40.9

54 48.6 38.2 57.2



#24

Nitrobenzene

Concen: 2.346 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.018 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

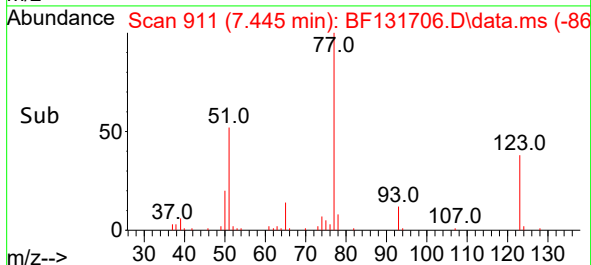
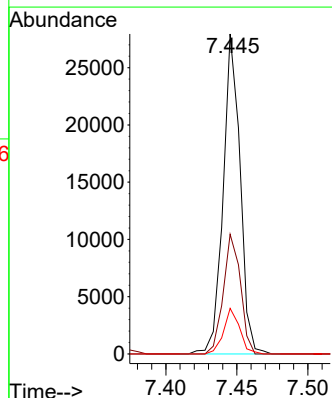
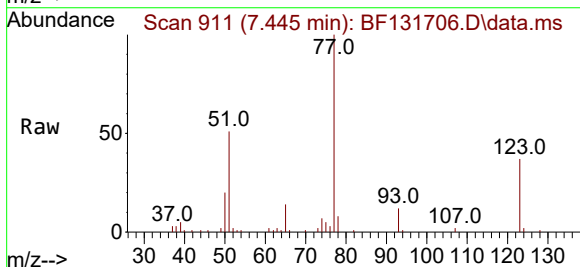
Tgt Ion: 77 Resp: 23163

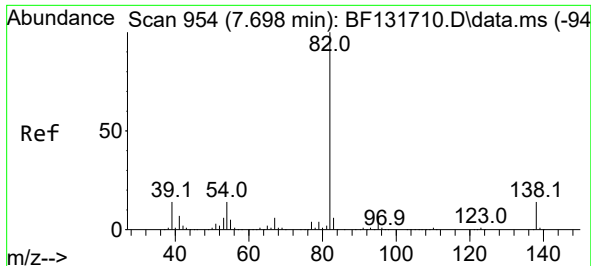
Ion Ratio Lower Upper

77 100

123 37.4 31.8 47.6

65 14.3 10.9 16.3

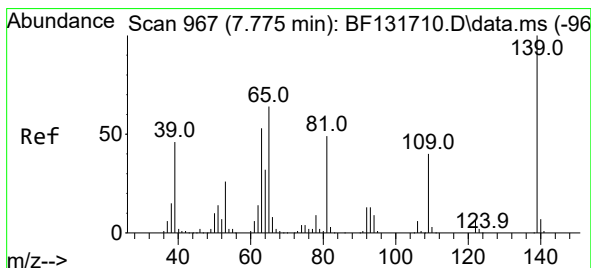
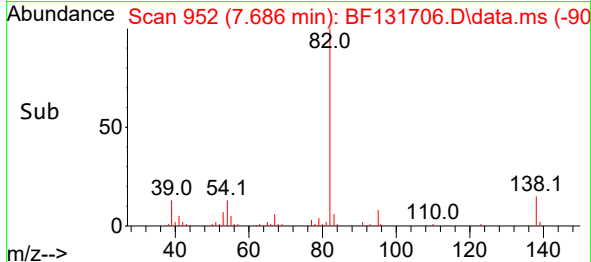
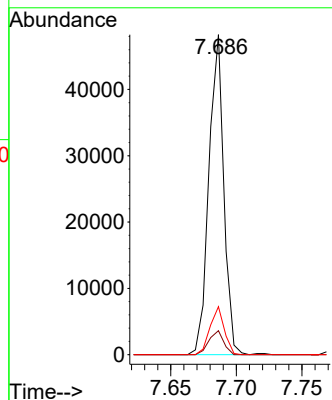
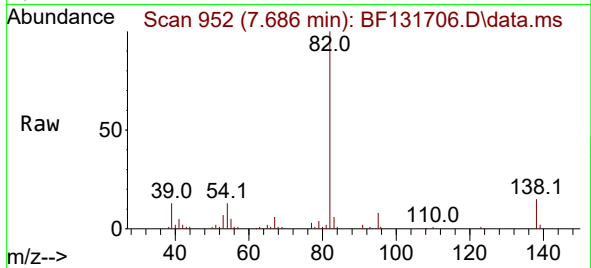




#25  
Isophorone  
Concen: 2.428 ng  
RT: 7.686 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

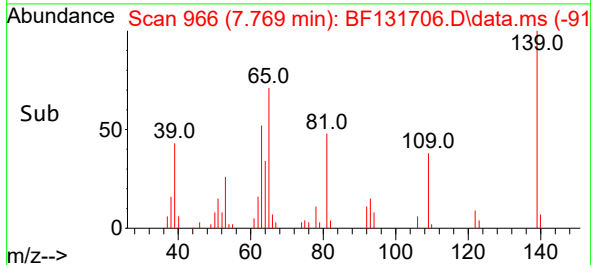
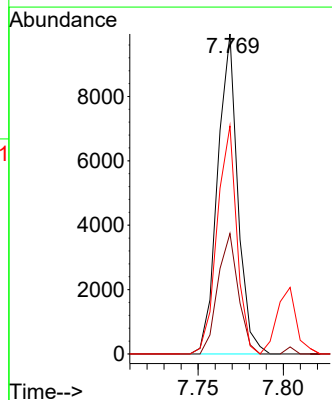
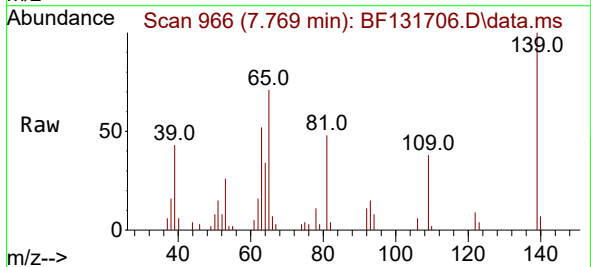
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 82 Resp: 38291  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.8 8.6  
138 15.0 11.6 17.4

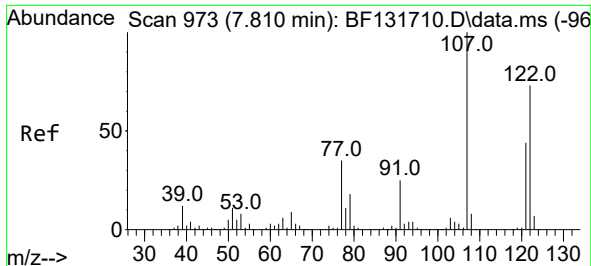


#26  
2-Nitrophenol  
Concen: 2.434 ng  
RT: 7.769 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion: 139 Resp: 8197  
Ion Ratio Lower Upper  
139 100  
109 37.7 31.8 47.6  
65 71.2 51.4 77.0







#27

2,4-Dimethylphenol

Concen: 2.586 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

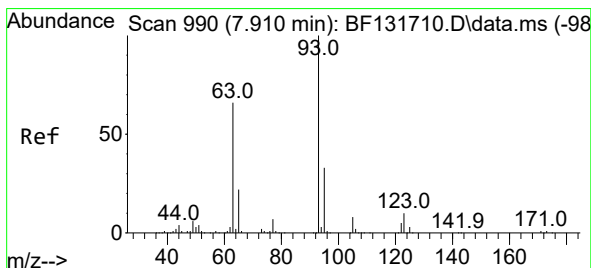
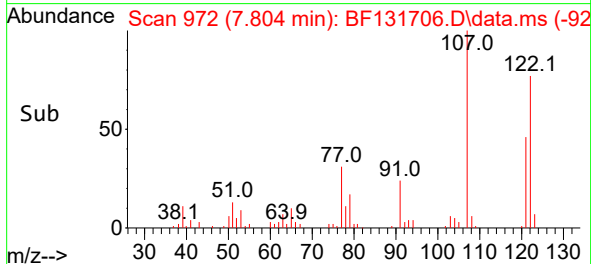
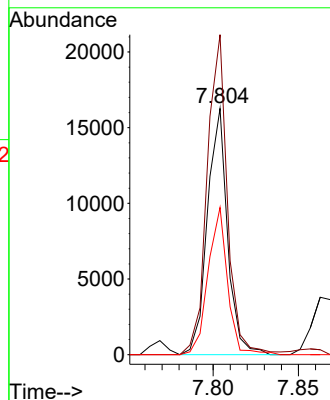
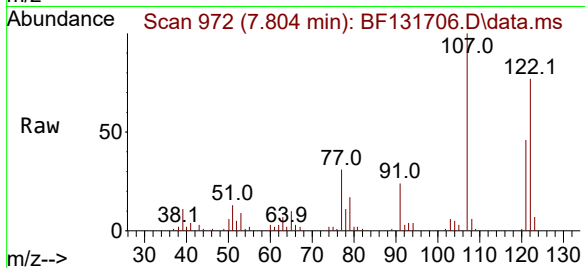
Tgt Ion:122 Resp: 13346

Ion Ratio Lower Upper

122 100

107 129.9 110.1 165.1

121 59.8 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 2.632 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

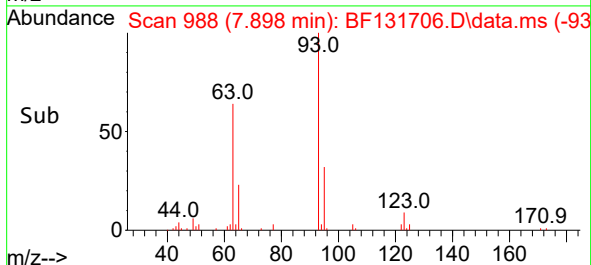
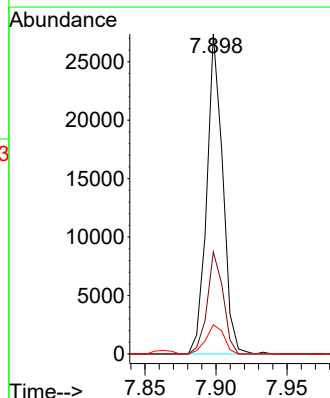
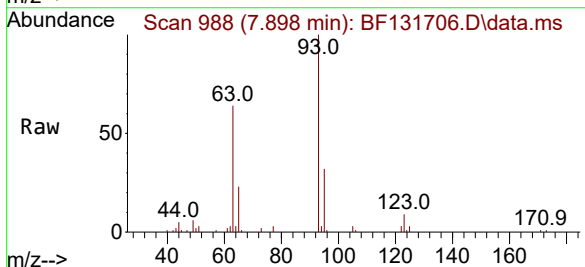
Tgt Ion: 93 Resp: 21470

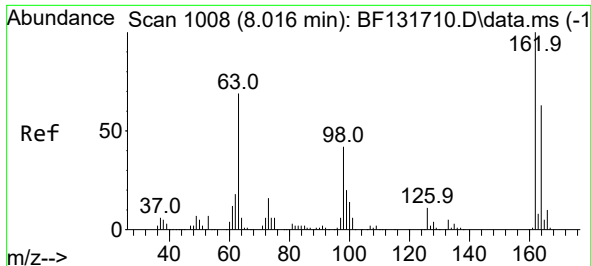
Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

123 9.1 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 2.468 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

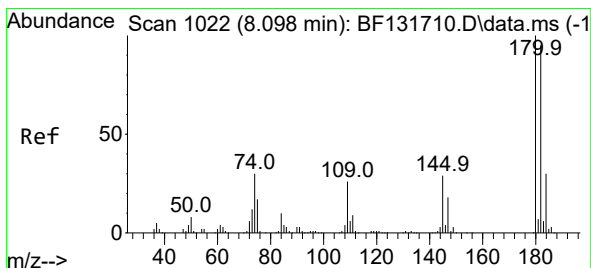
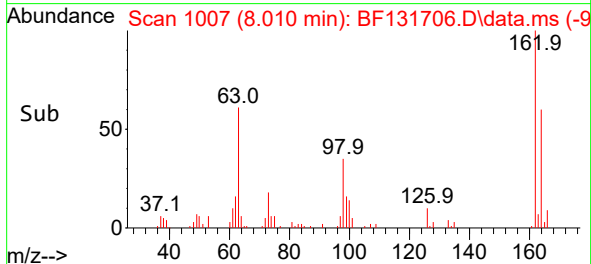
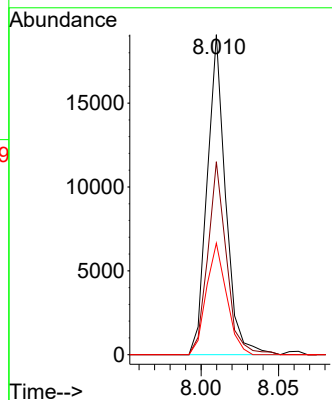
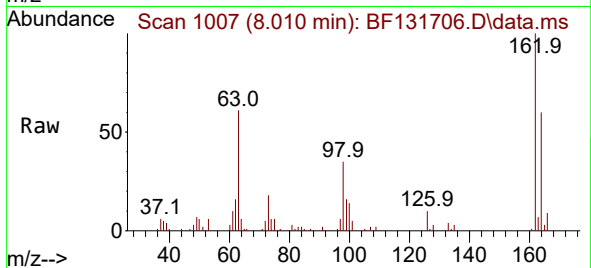
Tgt Ion:162 Resp: 15753

Ion Ratio Lower Upper

162 100

164 60.3 42.9 82.9

98 34.8 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 2.418 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

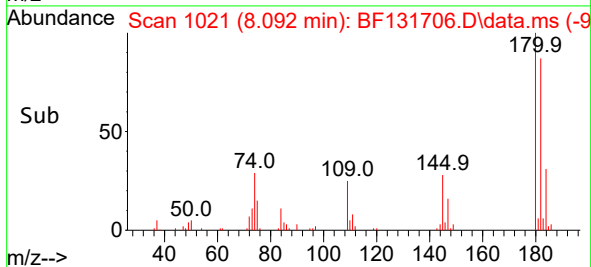
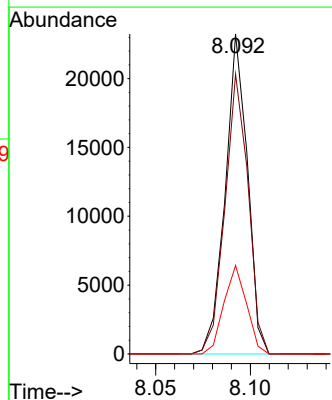
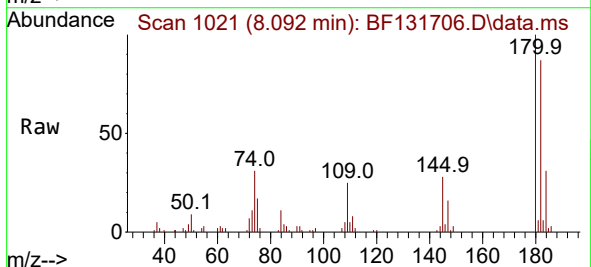
Tgt Ion:180 Resp: 18929

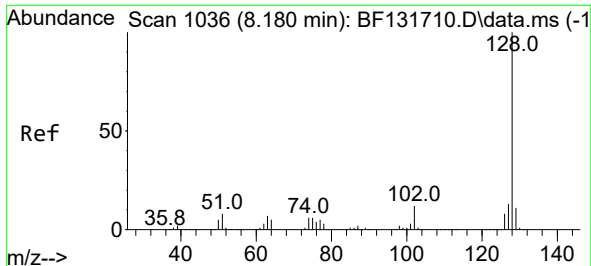
Ion Ratio Lower Upper

180 100

182 87.4 76.1 114.1

145 27.7 23.4 35.0

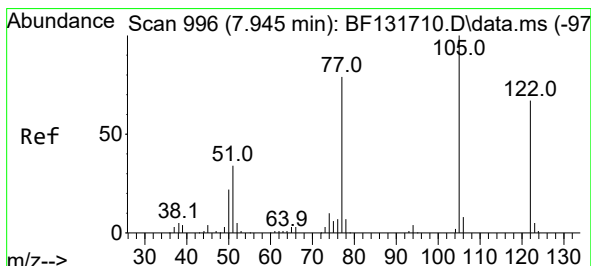
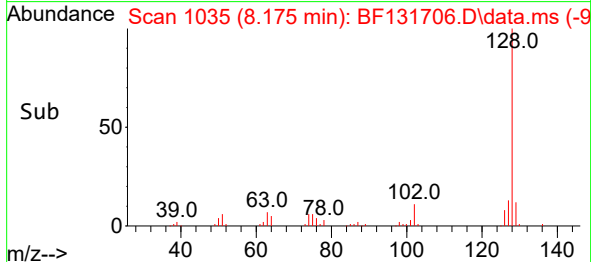
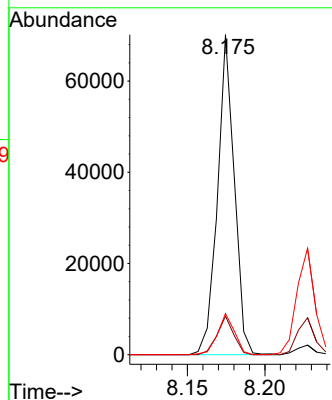
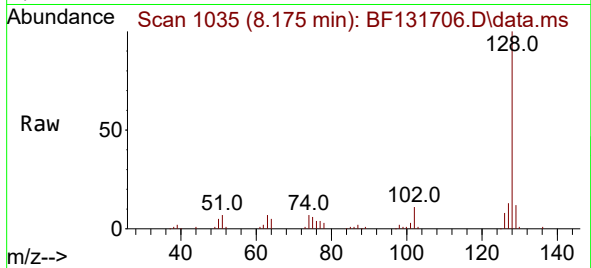




#31  
Naphthalene  
Concen: 2.539 ng  
RT: 8.175 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

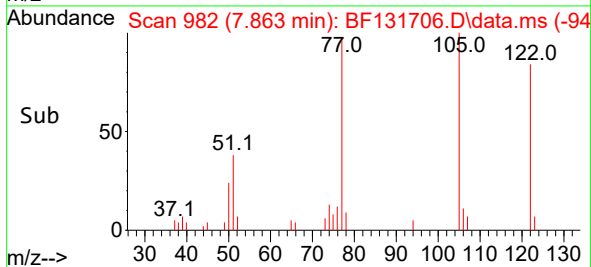
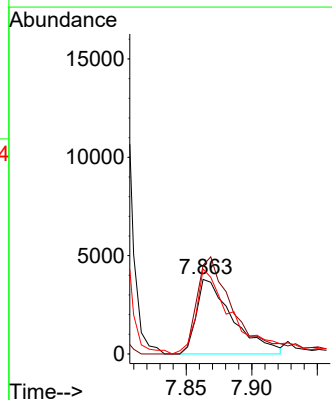
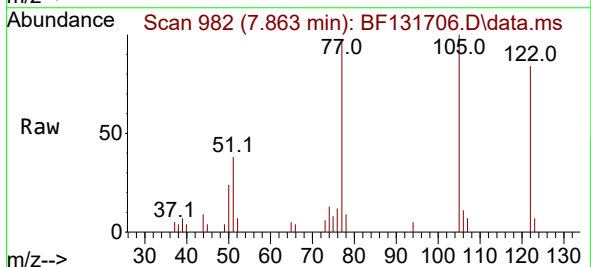
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

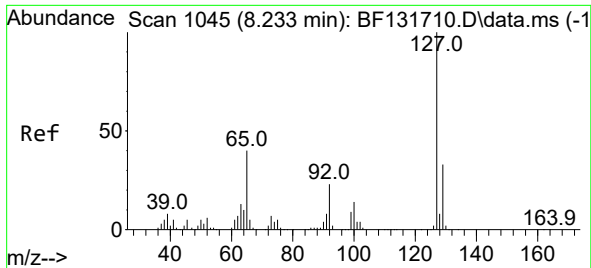
Tgt Ion:128 Resp: 52928  
Ion Ratio Lower Upper  
128 100  
129 12.0 8.9 13.3  
127 12.8 10.6 15.8



#32  
Benzoic acid  
Concen: 1.960 ng  
RT: 7.863 min Scan# 982  
Delta R.T. -0.082 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:122 Resp: 7327  
Ion Ratio Lower Upper  
122 100  
105 118.7 125.1 165.1#  
77 113.9 95.3 135.3

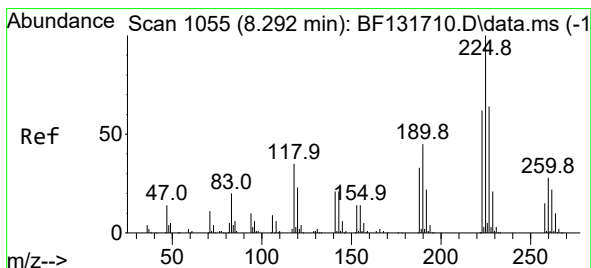
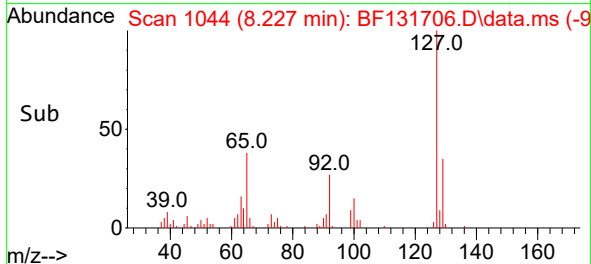
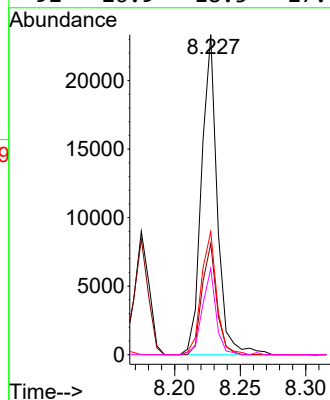
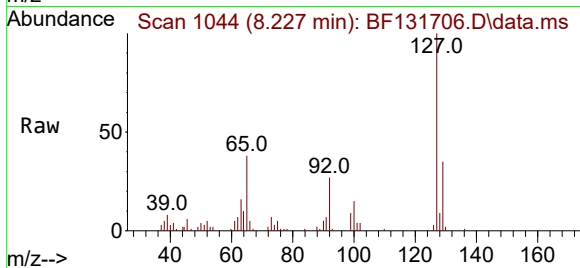




#33  
4-Chloroaniline  
Concen: 2.502 ng  
RT: 8.227 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

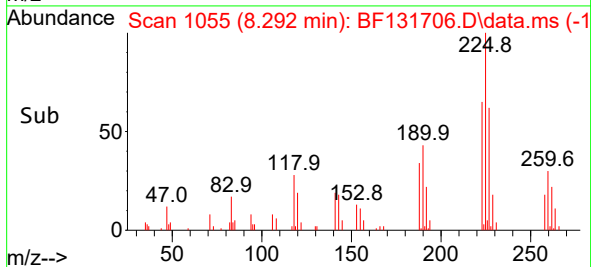
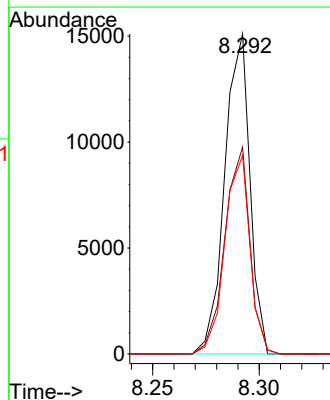
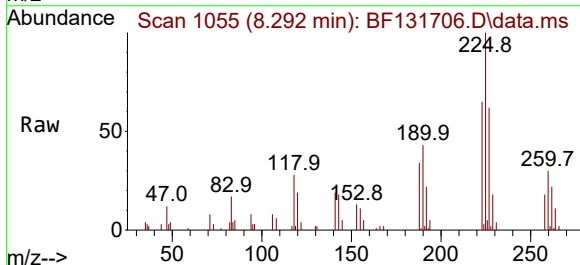
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

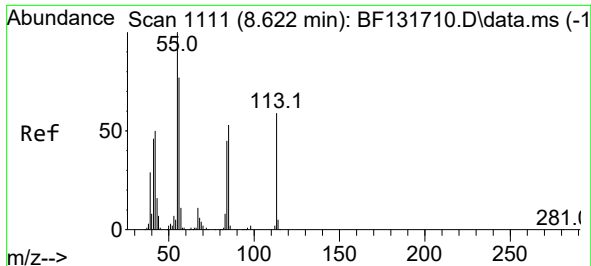
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 19552 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.7  | 26.1  | 39.1  |
| 65       | 38.5  | 31.8  | 47.6  |
| 92       | 26.9  | 18.5  | 27.7  |



#34  
Hexachlorobutadiene  
Concen: 2.242 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 12368 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.7  | 49.5  | 74.3  |
| 227      | 64.5  | 51.0  | 76.4  |

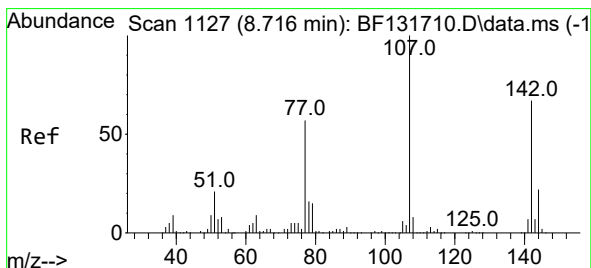
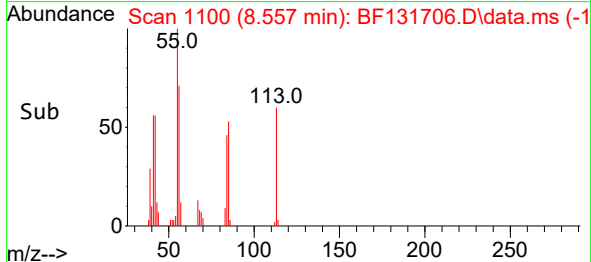
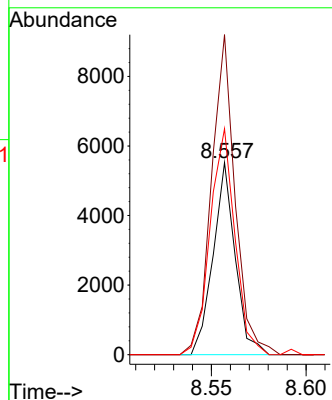
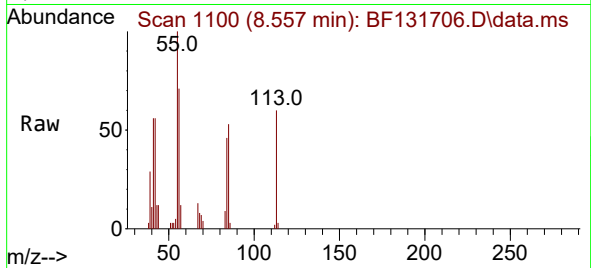




#35  
Caprolactam  
Concen: 2.721 ng  
RT: 8.557 min Scan# 1111  
Delta R.T. -0.065 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

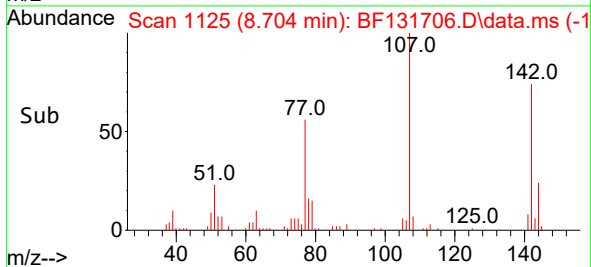
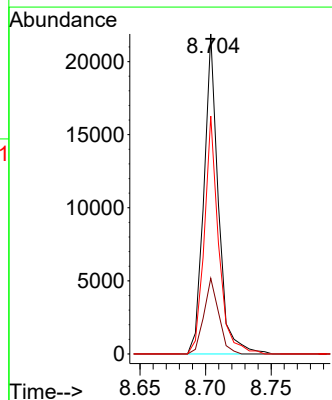
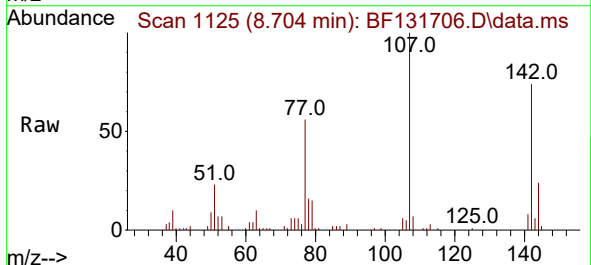
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

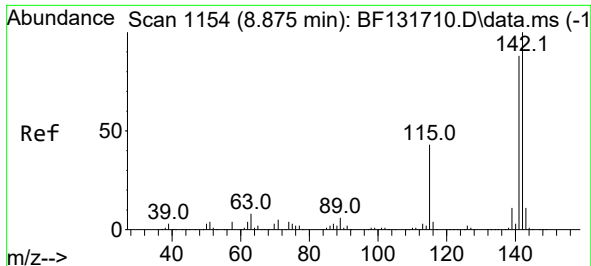
Tgt Ion:113 Resp: 4492  
Ion Ratio Lower Upper  
113 100  
55 166.6 149.0 189.0  
56 117.6 109.5 149.5



#36  
4-Chloro-3-methylphenol  
Concen: 2.356 ng  
RT: 8.704 min Scan# 1125  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:107 Resp: 16886  
Ion Ratio Lower Upper  
107 100  
144 23.6 17.5 26.3  
142 74.3 53.4 80.0

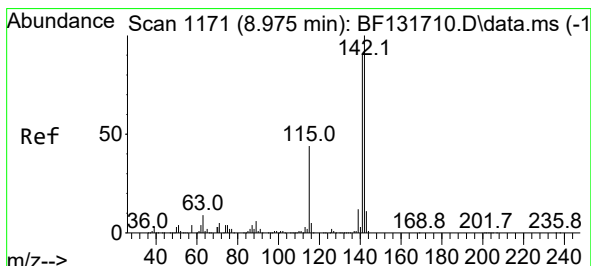
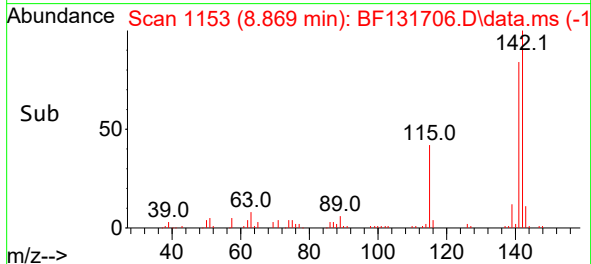
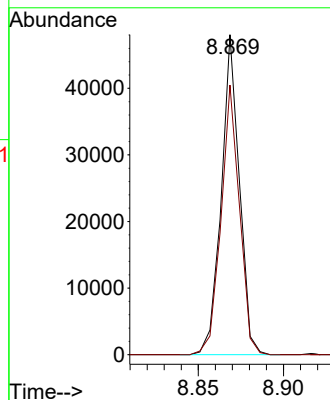
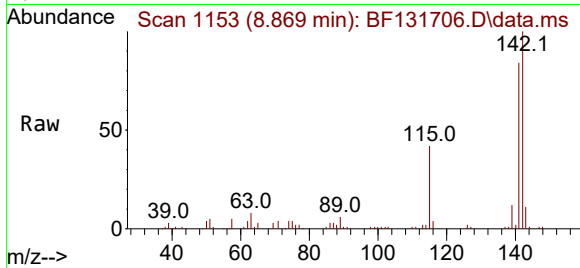




#37  
2-Methylnaphthalene  
Concen: 2.481 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

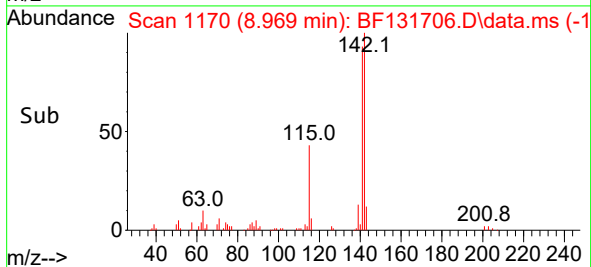
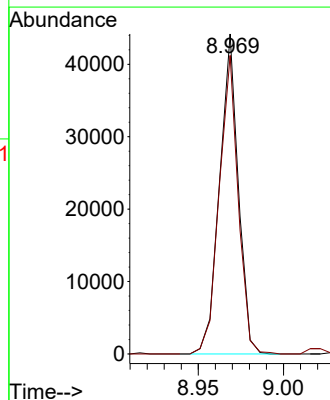
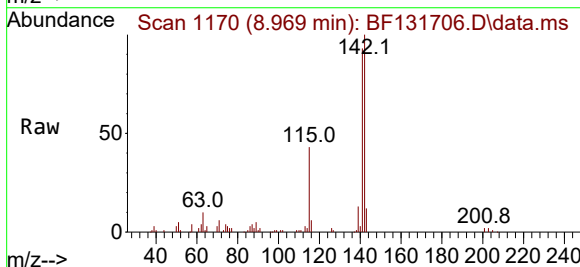
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

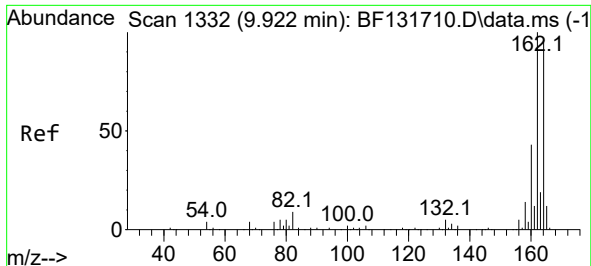
Tgt Ion:142 Resp: 35378  
Ion Ratio Lower Upper  
142 100  
141 84.3 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 2.470 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:142 Resp: 33805  
Ion Ratio Lower Upper  
142 100  
141 93.3 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

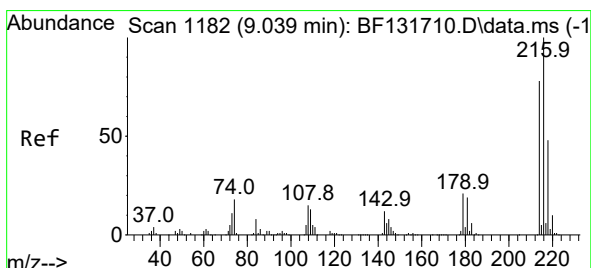
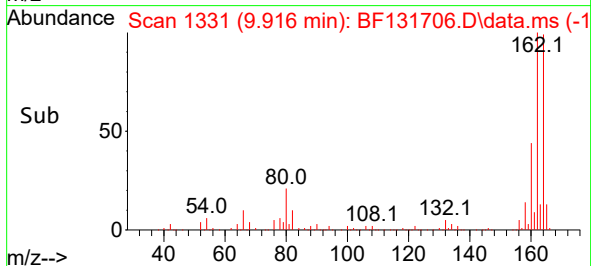
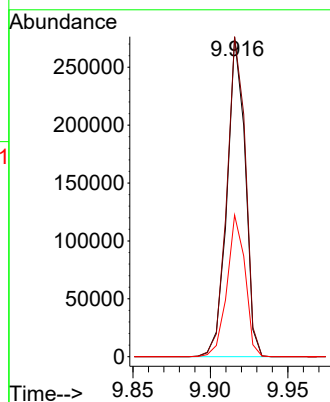
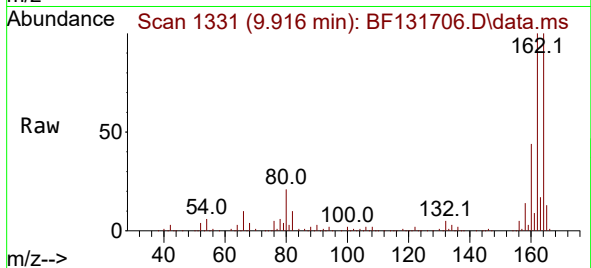
Tgt Ion:164 Resp: 224296

Ion Ratio Lower Upper

164 100

162 100.2 83.7 125.5

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.241 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Tgt Ion:216 Resp: 18607

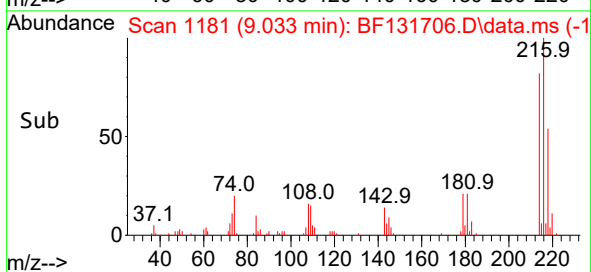
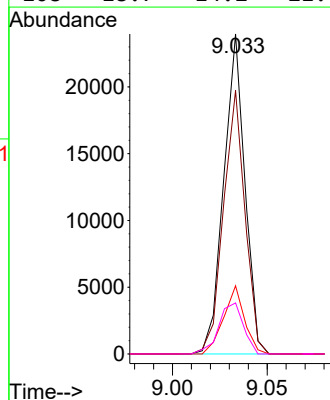
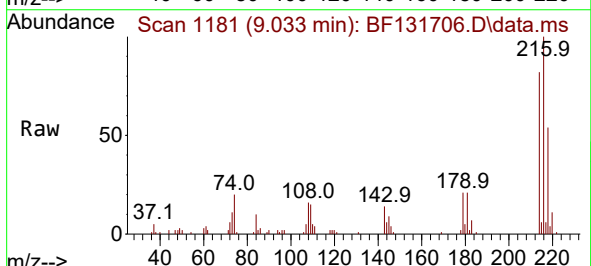
Ion Ratio Lower Upper

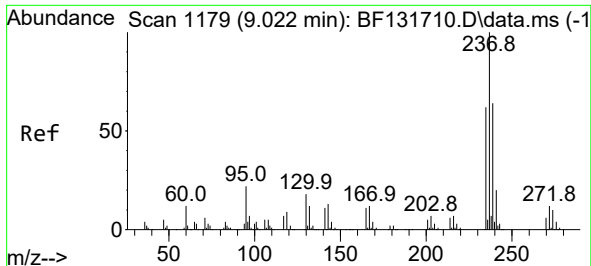
216 100

214 83.8 62.9 94.3

179 21.2 16.3 24.5

108 18.7 14.2 21.4

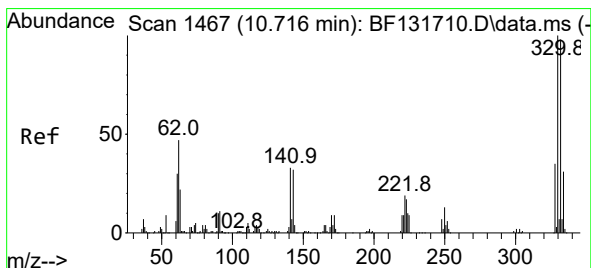
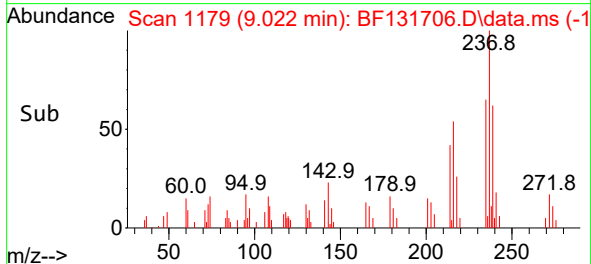
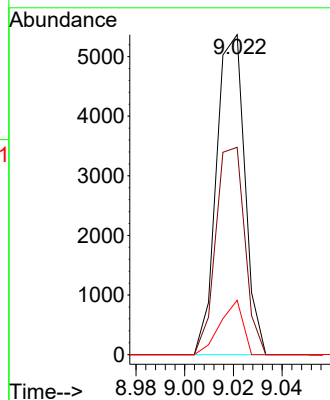
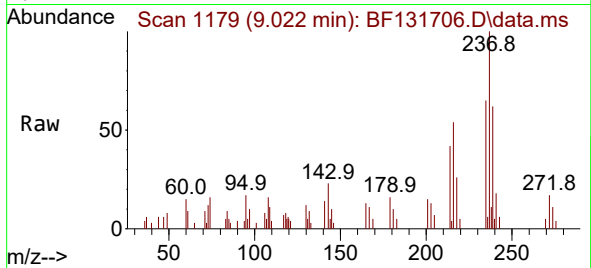




#41  
Hexachlorocyclopentadiene  
Concen: 1.031 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

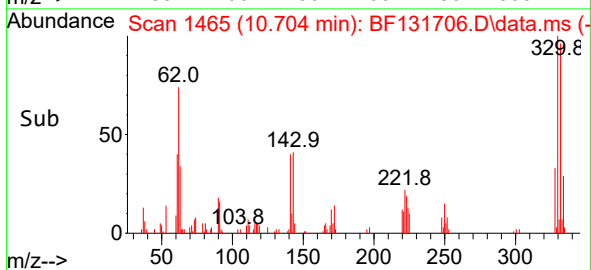
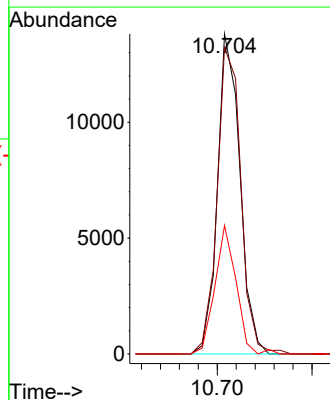
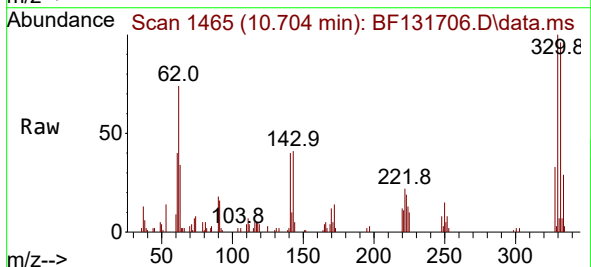
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 4345      |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.8  | 42.2 82.2 |
| 272         | 17.0  | 0.0 31.7  |

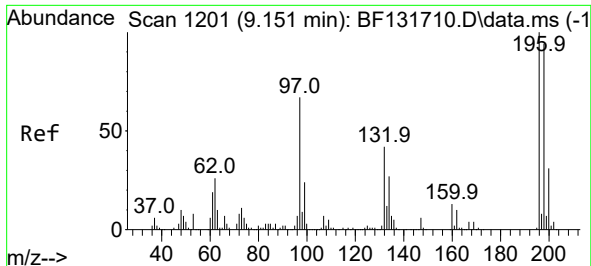


#42  
2,4,6-Tribromophenol  
Concen: 4.553 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 11346      |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 101.5 | 77.1 115.7 |
| 141         | 38.1  | 30.4 45.6  |







#43

2,4,6-Trichlorophenol

Concen: 2.443 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

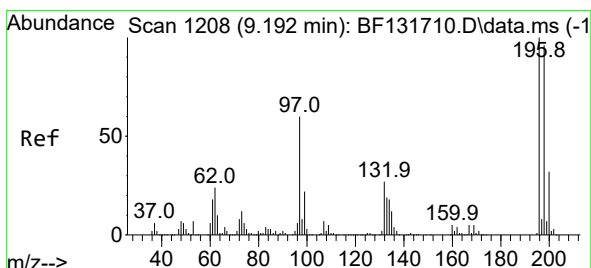
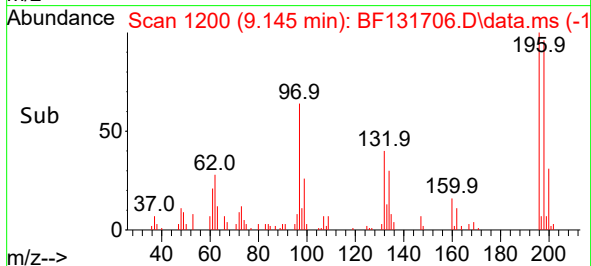
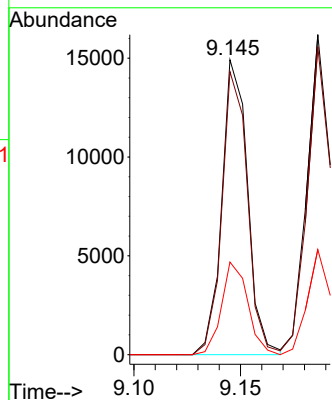
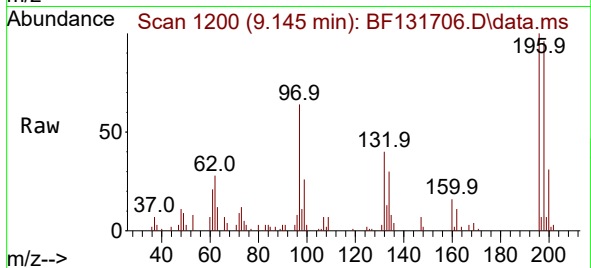
Tgt Ion:196 Resp: 12545

Ion Ratio Lower Upper

196 100

198 96.0 75.5 113.3

200 31.4 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 2.433 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Tgt Ion:196 Resp: 13436

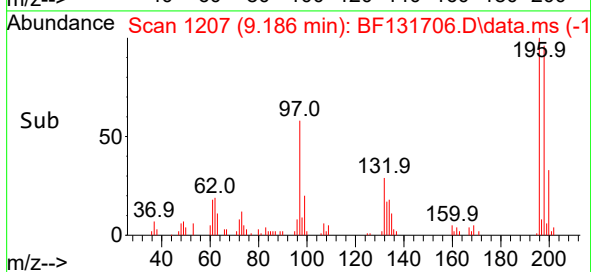
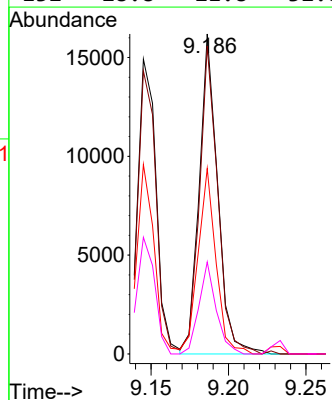
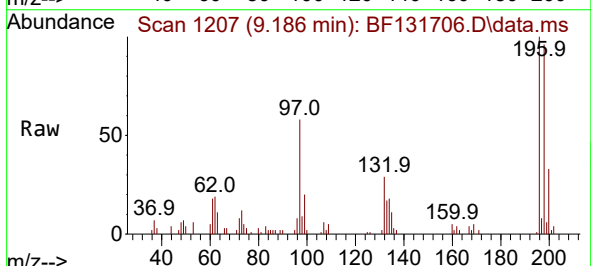
Ion Ratio Lower Upper

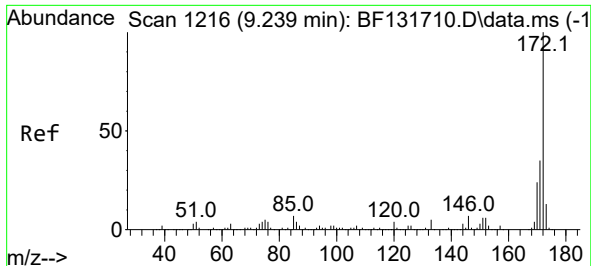
196 100

198 96.2 76.6 114.8

97 57.9 47.7 71.5

132 28.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 4.821 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

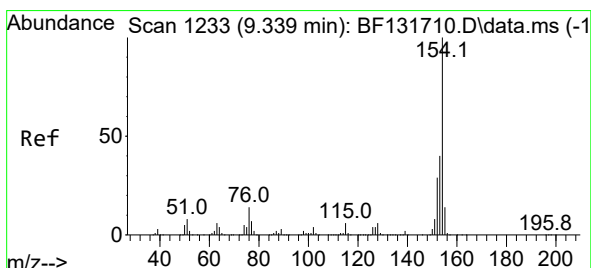
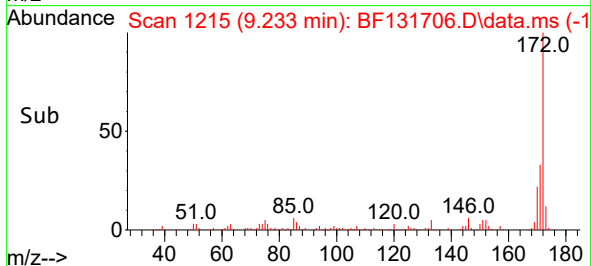
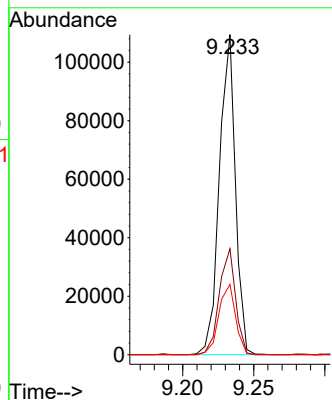
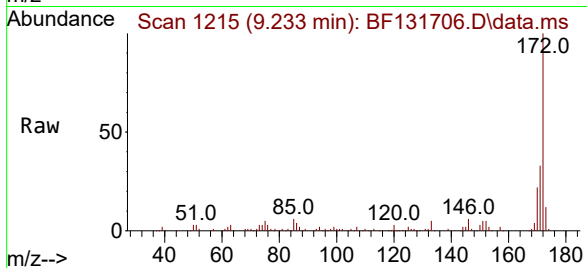
Tgt Ion:172 Resp: 85752

Ion Ratio Lower Upper

172 100

171 33.1 27.9 41.9

170 22.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 2.486 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

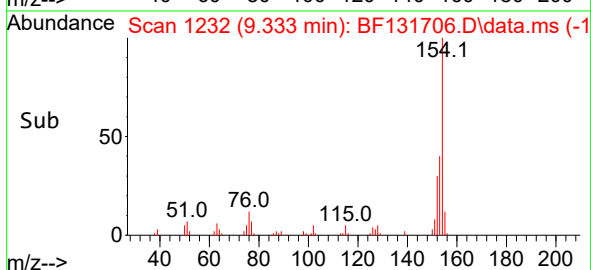
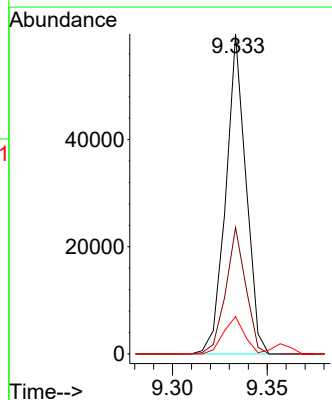
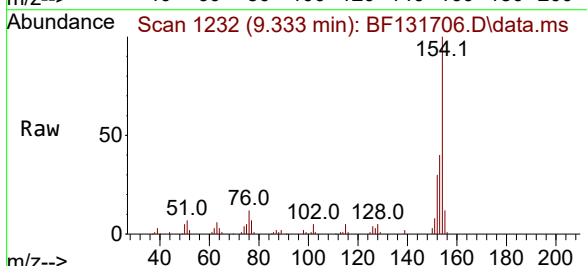
Tgt Ion:154 Resp: 44089

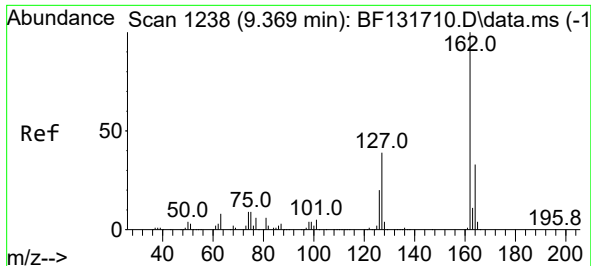
Ion Ratio Lower Upper

154 100

153 39.5 20.1 60.1

76 11.7 0.0 33.6





#47

2-Chloronaphthalene

Concen: 2.437 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

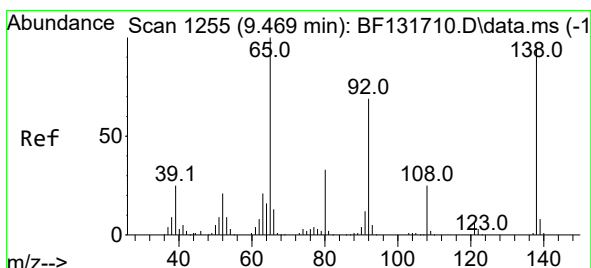
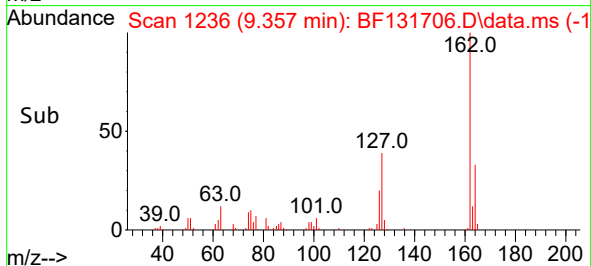
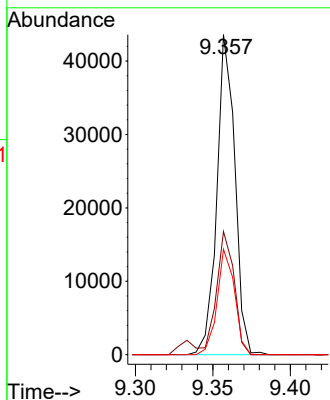
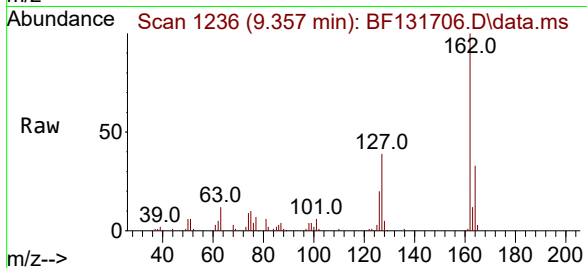
Tgt Ion:162 Resp: 35209

Ion Ratio Lower Upper

162 100

127 38.5 31.4 47.2

164 32.9 26.6 39.8



#48

2-Nitroaniline

Concen: 2.406 ng

RT: 9.457 min Scan# 1253

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

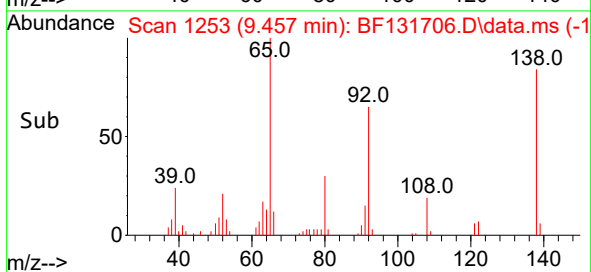
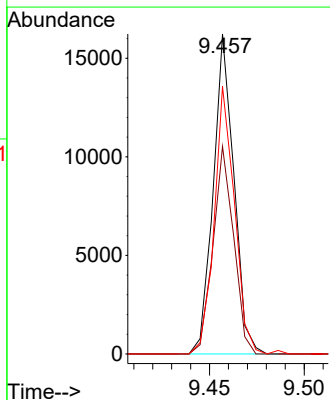
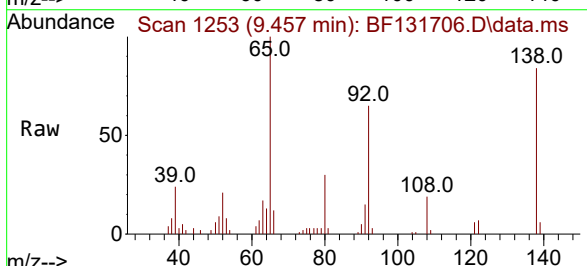
Tgt Ion: 65 Resp: 12313

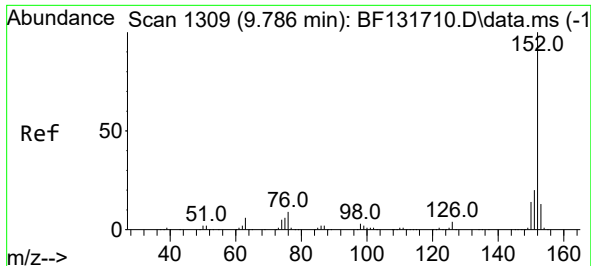
Ion Ratio Lower Upper

65 100

92 64.8 55.5 83.3

138 83.6 74.8 112.2





#49

Acenaphthylene

Concen: 2.525 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

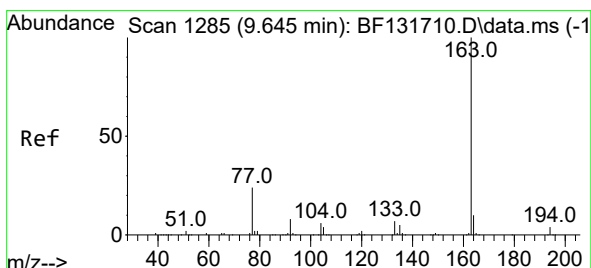
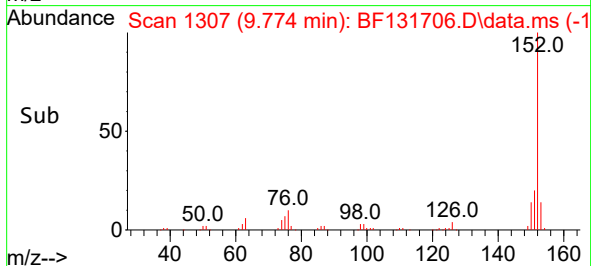
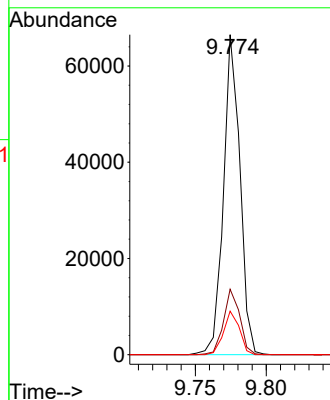
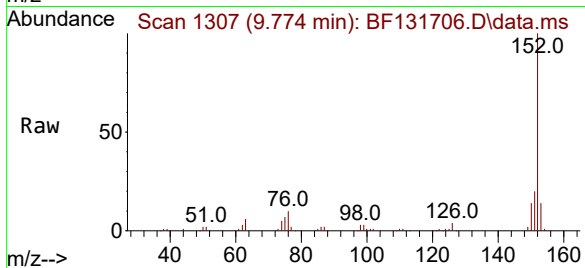
Tgt Ion:152 Resp: 53566

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

153 13.6 10.6 15.8



#50

Dimethylphthalate

Concen: 2.565 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

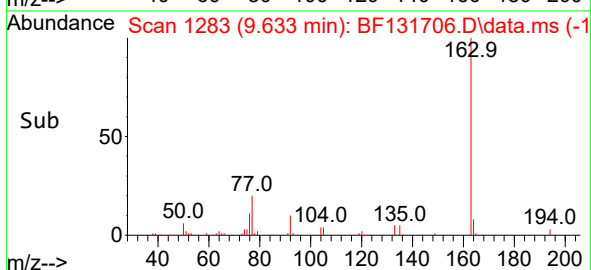
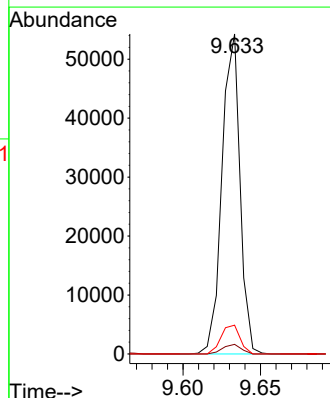
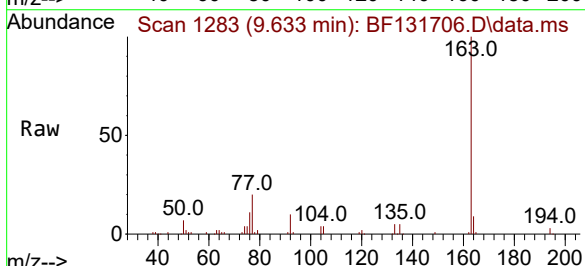
Tgt Ion:163 Resp: 43857

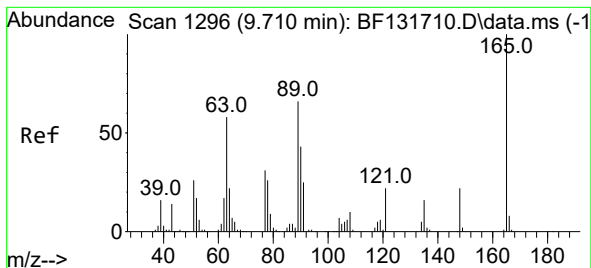
Ion Ratio Lower Upper

163 100

194 3.0 3.1 4.7#

164 9.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.512 ng

RT: 9.698 min Scan# 1296

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

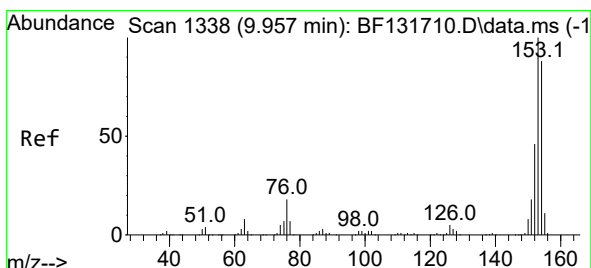
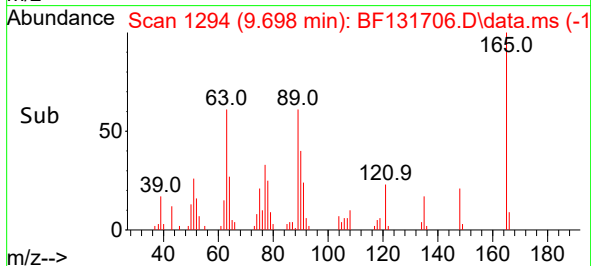
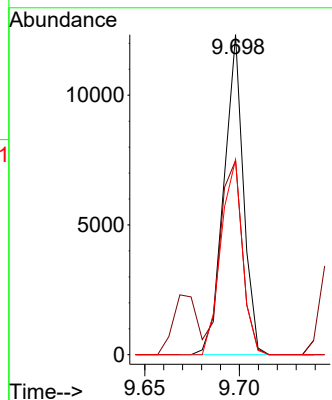
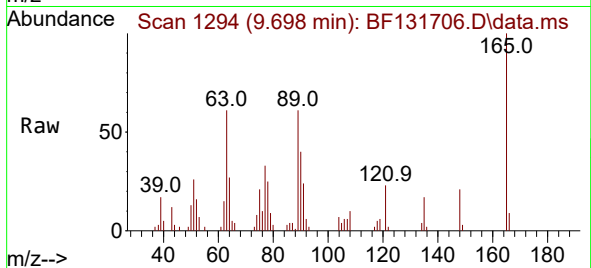
Tgt Ion:165 Resp: 8868

Ion Ratio Lower Upper

165 100

63 60.7 51.8 77.8

89 60.9 53.2 79.8



#52

Acenaphthene

Concen: 2.270 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

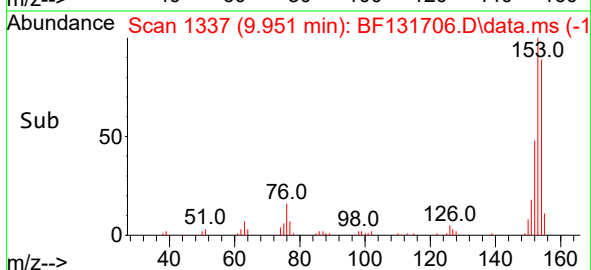
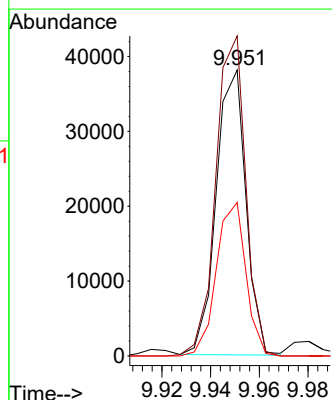
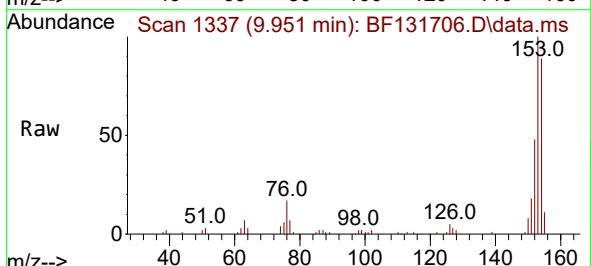
Tgt Ion:154 Resp: 32268

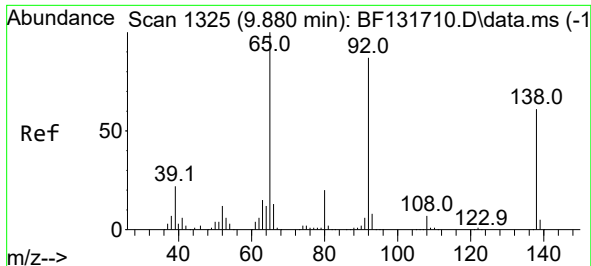
Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

152 53.6 42.0 63.0

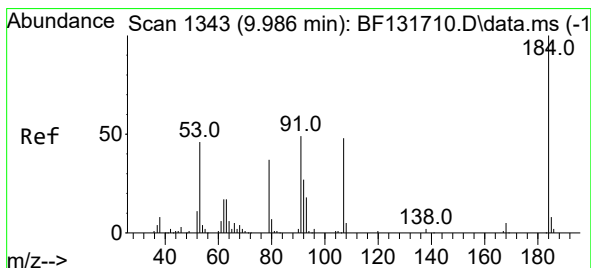
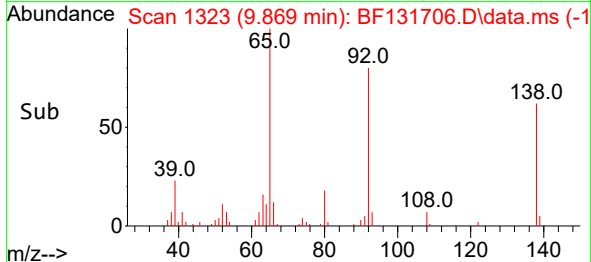
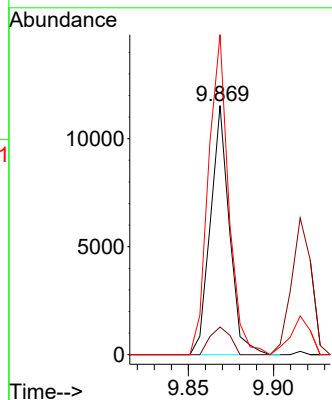
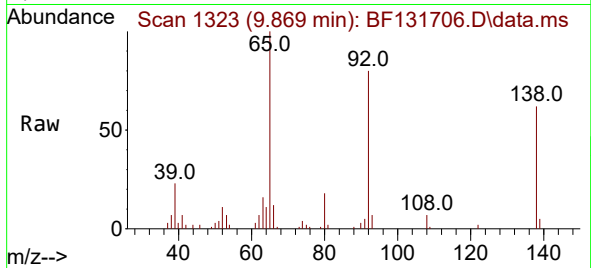




#53  
3-Nitroaniline  
Concen: 2.645 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

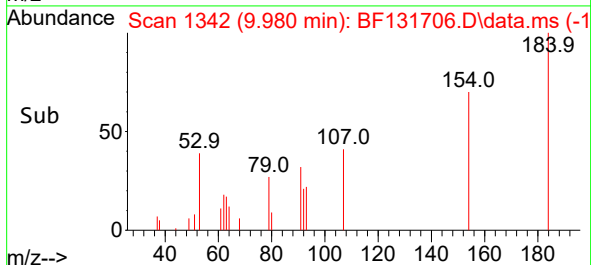
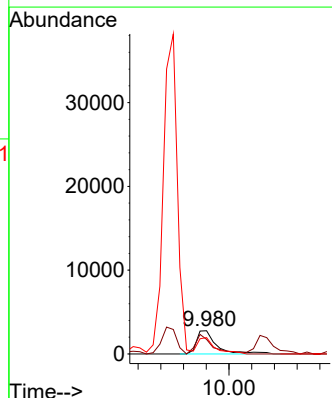
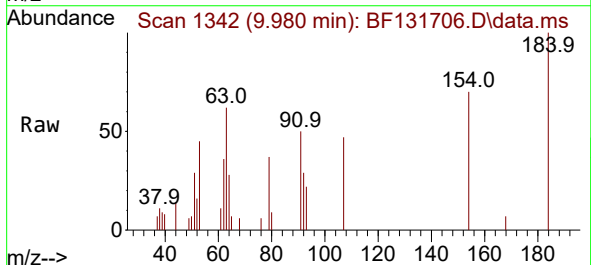
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

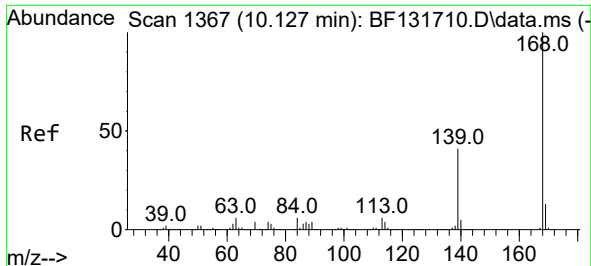
Tgt Ion:138 Resp: 8958  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.2 13.8  
92 128.4 114.6 171.8



#54  
2,4-Dinitrophenol  
Concen: 1.900 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:184 Resp: 3366  
Ion Ratio Lower Upper  
184 100  
63 62.3 55.8 83.8  
154 70.0 57.1 85.7

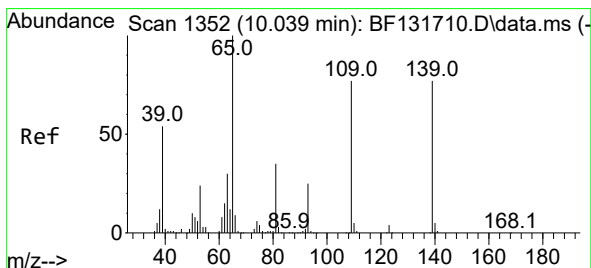
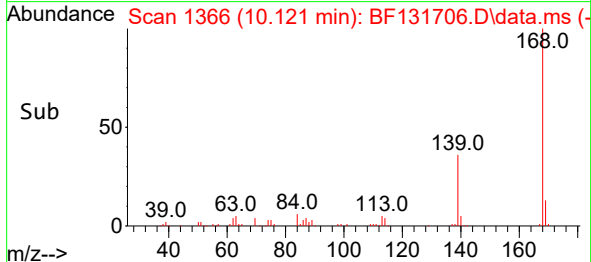
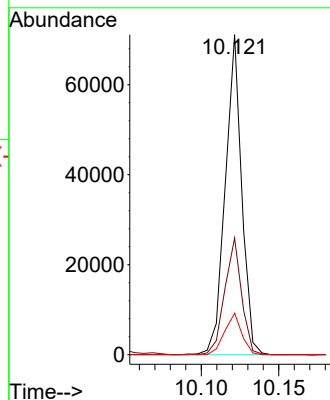
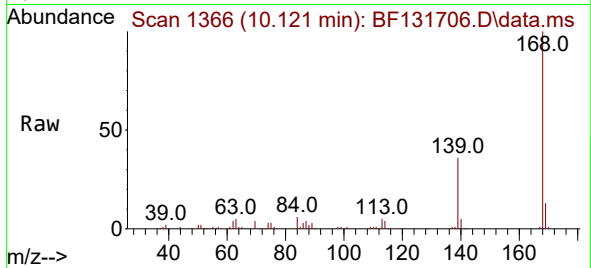




#55  
Dibenzenofuran  
Concen: 2.608 ng  
RT: 10.121 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

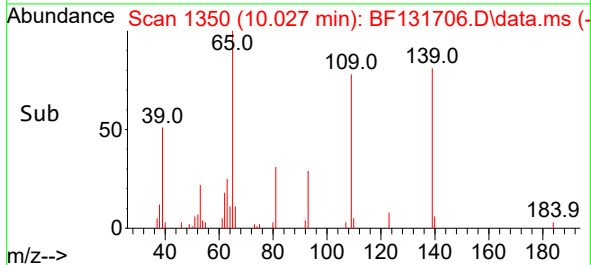
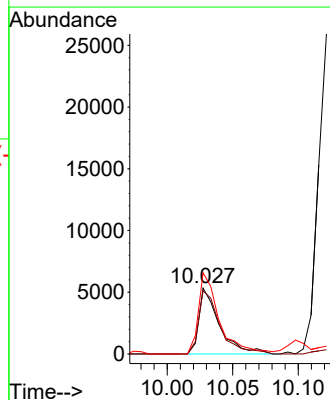
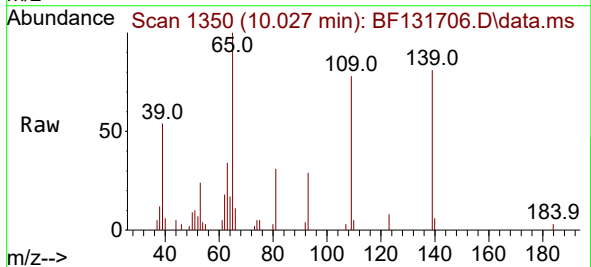
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

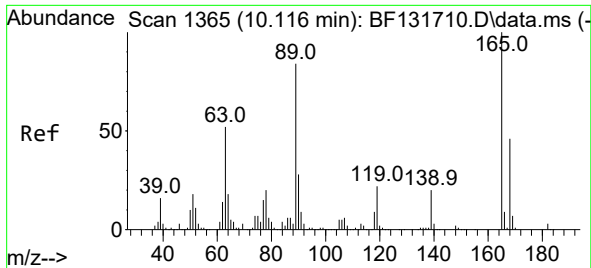
Tgt Ion:168 Resp: 52365  
Ion Ratio Lower Upper  
168 100  
139 36.4 32.7 49.1  
169 13.0 10.6 16.0



#56  
4-Nitrophenol  
Concen: 2.477 ng  
RT: 10.027 min Scan# 1350  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:139 Resp: 5827  
Ion Ratio Lower Upper  
139 100  
109 96.2 79.9 119.9  
65 123.4 110.2 150.2

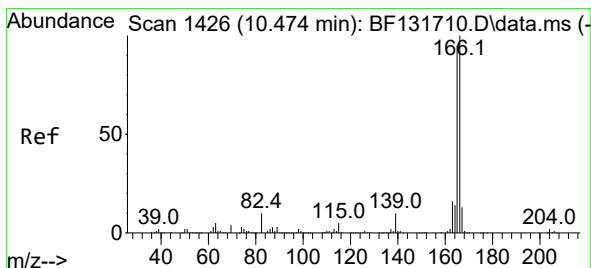
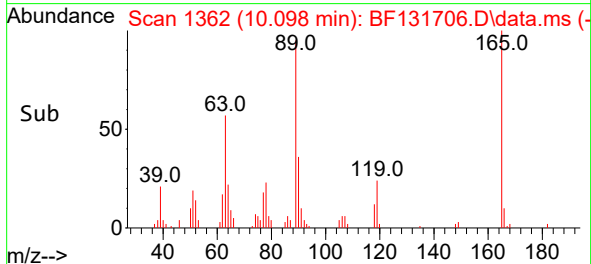
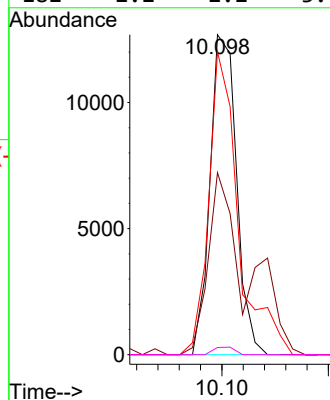
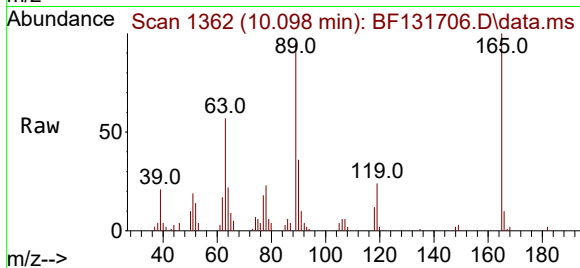




#57  
2,4-Dinitrotoluene  
Concen: 2.338 ng  
RT: 10.098 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

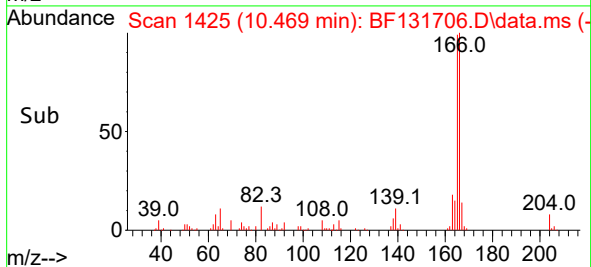
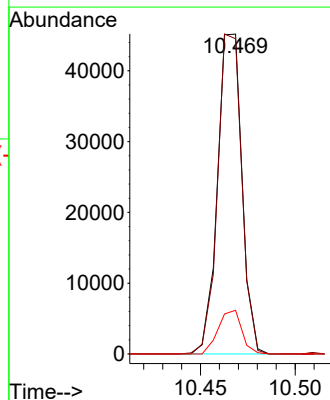
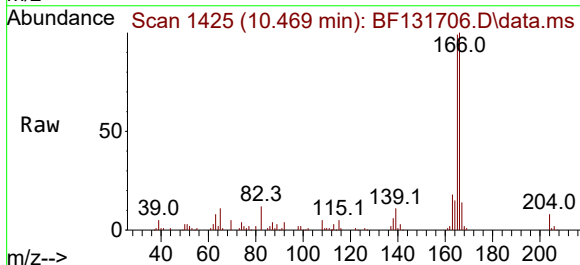
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:165 Resp: 10949  
Ion Ratio Lower Upper  
165 100  
63 56.9 41.5 62.3  
89 94.7 67.0 100.4  
182 2.2 2.2 3.4

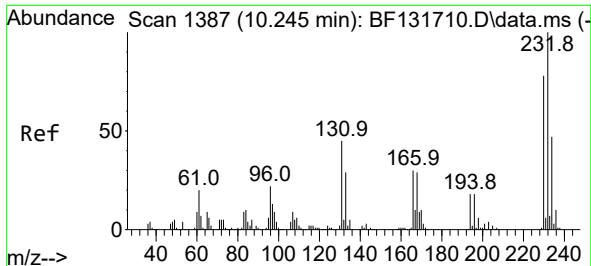


#58  
Fluorene  
Concen: 2.487 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:166 Resp: 40603  
Ion Ratio Lower Upper  
166 100  
165 98.5 75.8 113.8  
167 13.6 10.6 15.8



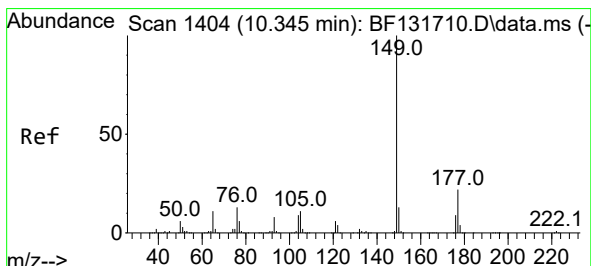
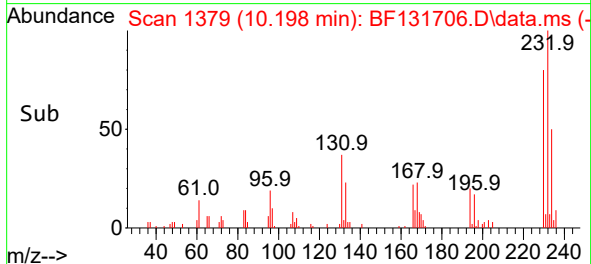
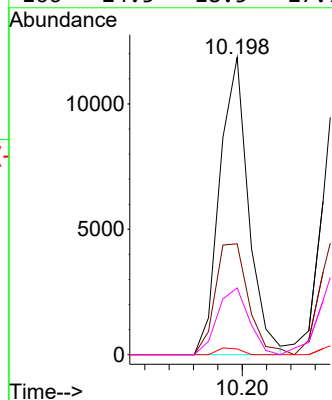
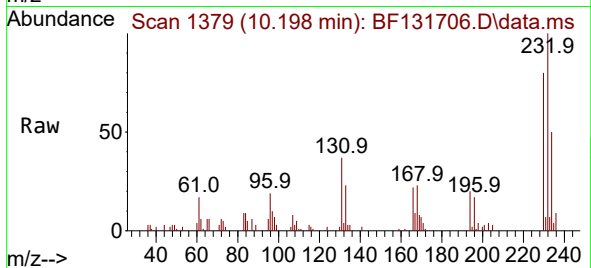




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 2.080 ng  
RT: 10.198 min Scan# 11  
Delta R.T. -0.047 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

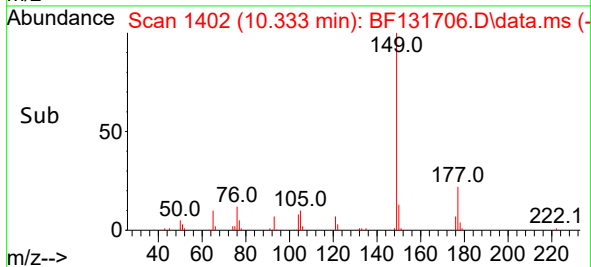
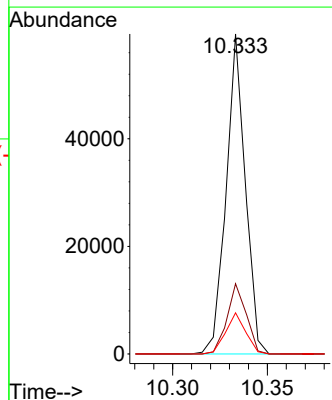
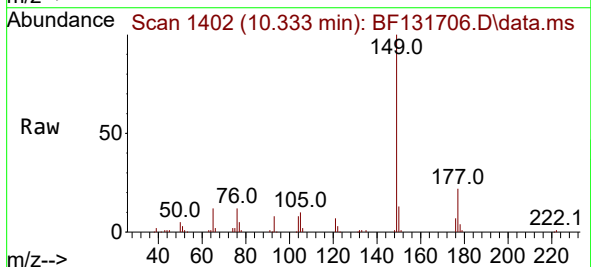
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

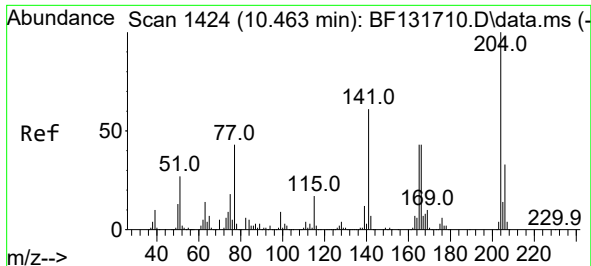
Tgt Ion:232 Resp: 9729  
Ion Ratio Lower Upper  
232 100  
131 43.1 29.9 44.9  
130 1.8 1.7 2.5  
166 24.5 18.5 27.7



#60  
Diethylphthalate  
Concen: 2.548 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:149 Resp: 41811  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.4 26.0  
150 12.8 10.2 15.2

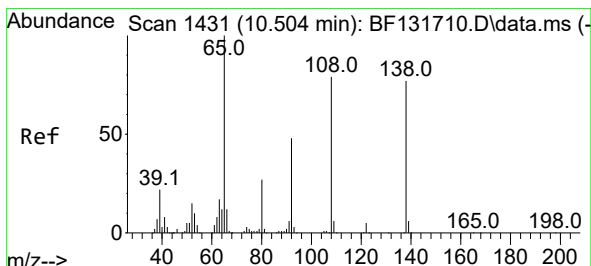
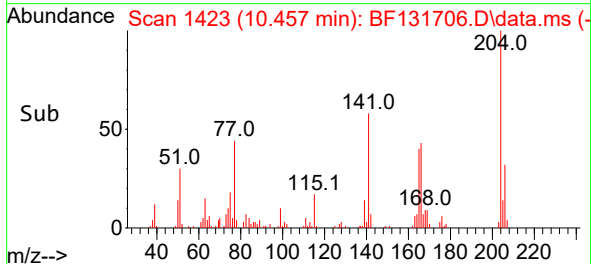
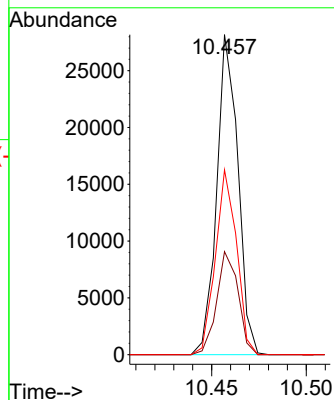
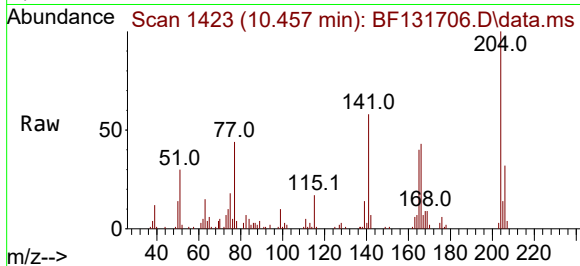




#61  
4-Chlorophenyl-phenylether  
Concen: 2.431 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

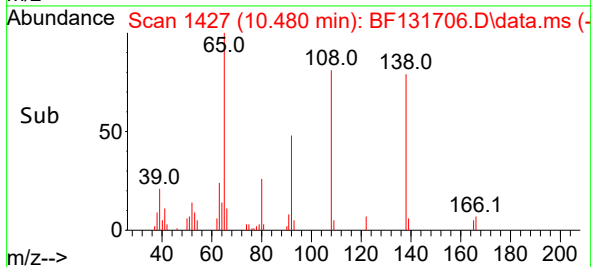
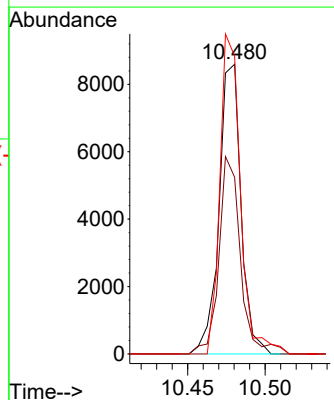
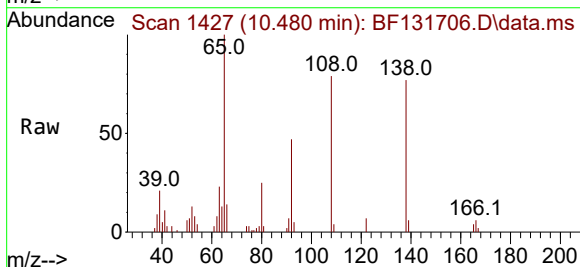
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

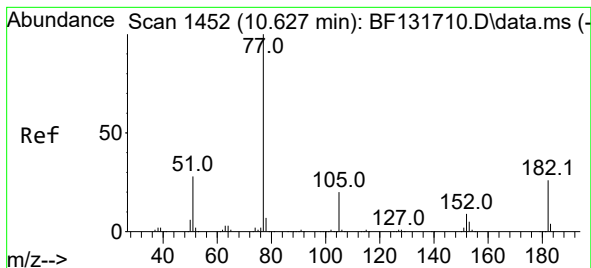
Tgt Ion:204 Resp: 21935  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.6 40.0  
141 57.7 48.6 72.8



#62  
4-Nitroaniline  
Concen: 2.532 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.024 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:138 Resp: 8498  
Ion Ratio Lower Upper  
138 100  
92 61.0 42.1 82.1  
108 102.7 83.1 123.1





#63

Azobenzene

Concen: 2.421 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 77 Resp: 45315

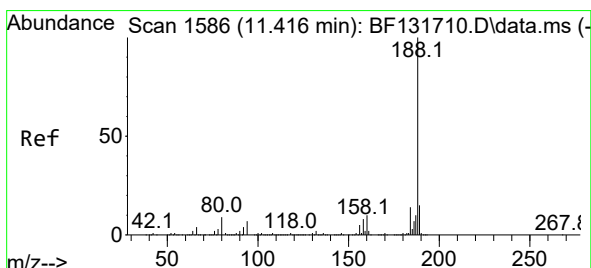
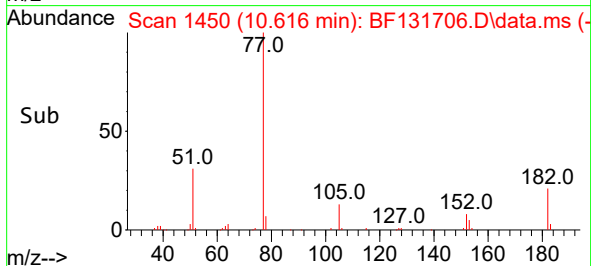
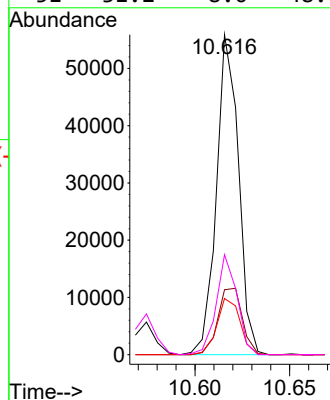
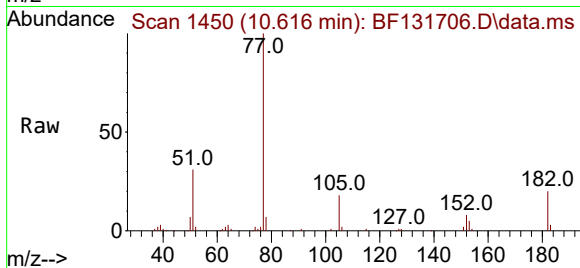
Ion Ratio Lower Upper

77 100

182 20.3 5.8 45.8

105 17.6 0.0 39.7

51 31.2 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

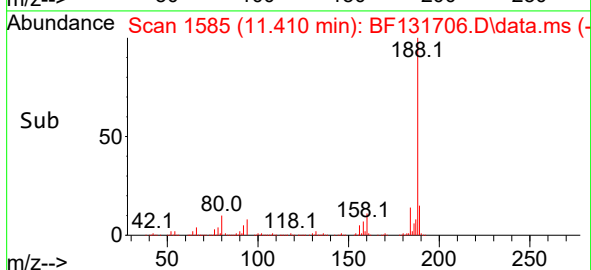
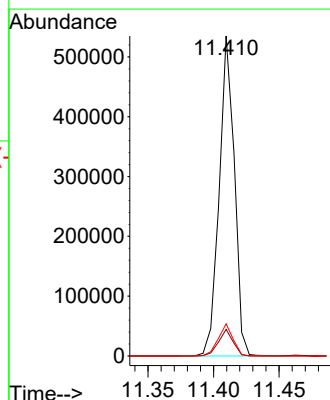
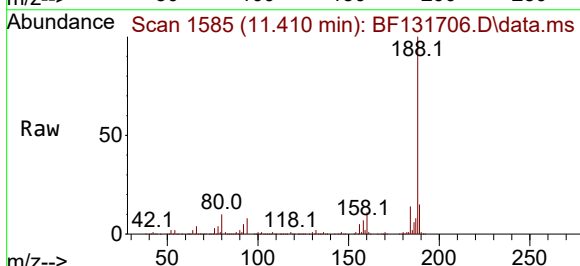
Tgt Ion: 188 Resp: 429548

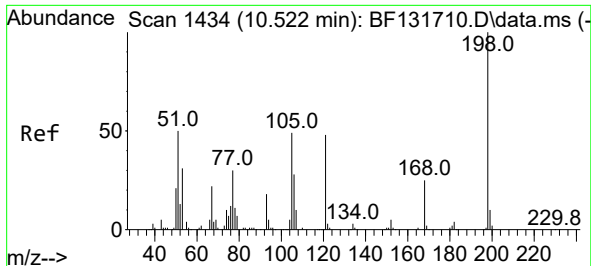
Ion Ratio Lower Upper

188 100

94 8.3 5.9 8.9

80 10.1 7.0 10.6

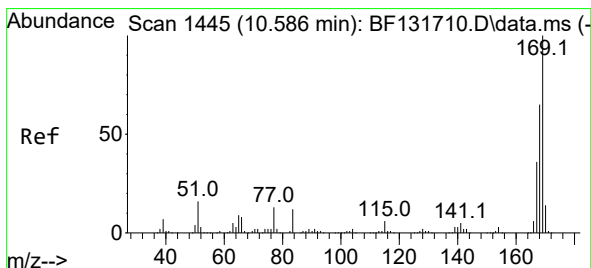
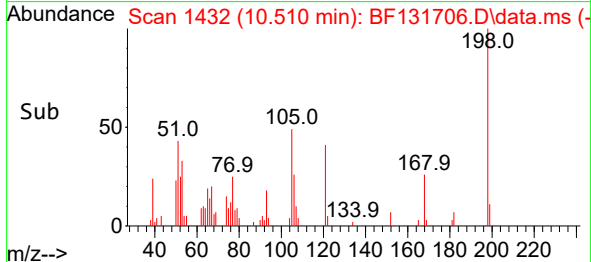
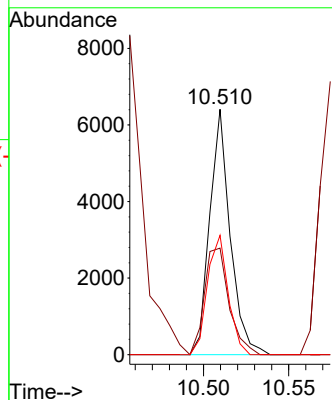
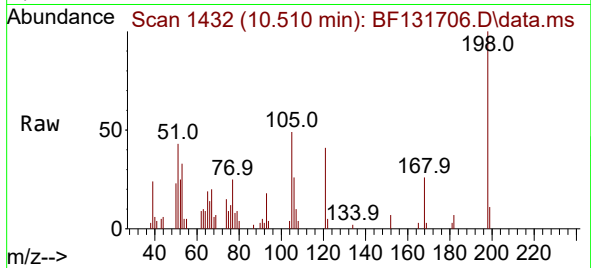




#65  
4,6-Dinitro-2-methylphenol  
Concen: 1.968 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

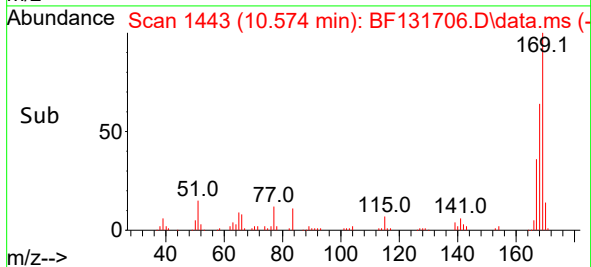
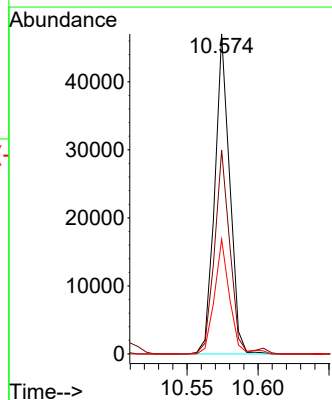
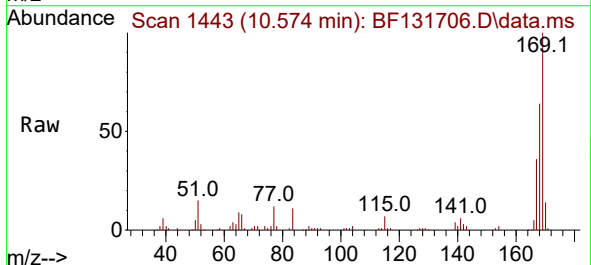
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

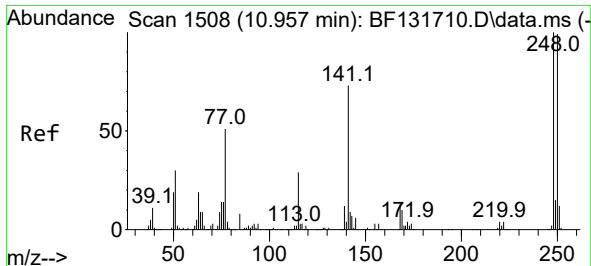
Tgt Ion:198 Resp: 5353  
Ion Ratio Lower Upper  
198 100  
51 43.4 34.1 74.1  
105 48.6 29.7 69.7



#66  
n-Nitrosodiphenylamine  
Concen: 2.487 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:169 Resp: 34535  
Ion Ratio Lower Upper  
169 100  
168 63.8 52.4 78.6  
167 35.8 28.6 42.8

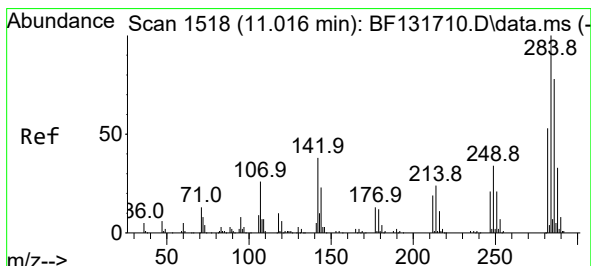
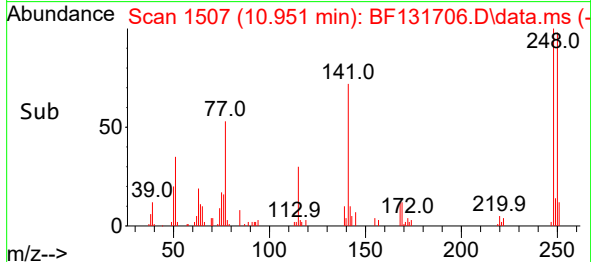
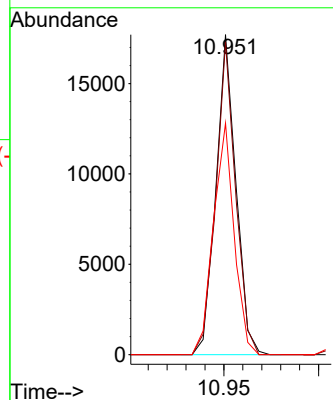
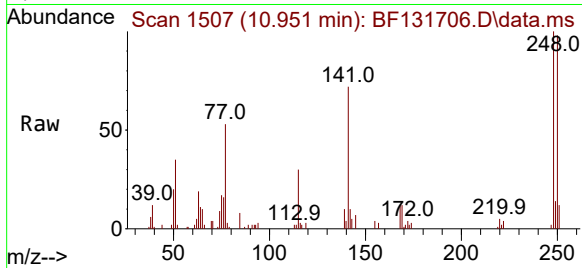




#67  
4-Bromophenyl-phenylether  
Concen: 2.355 ng  
RT: 10.951 min Scan# 1507  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

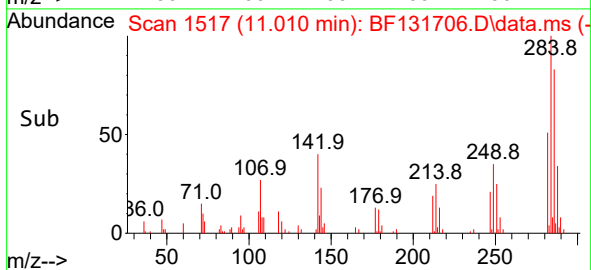
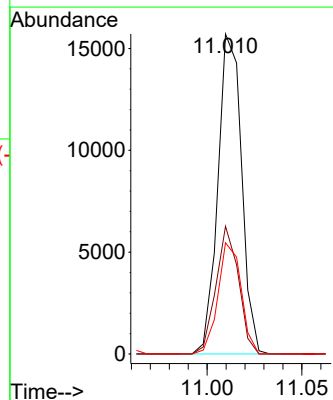
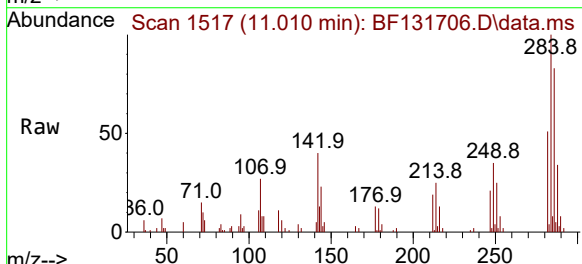
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

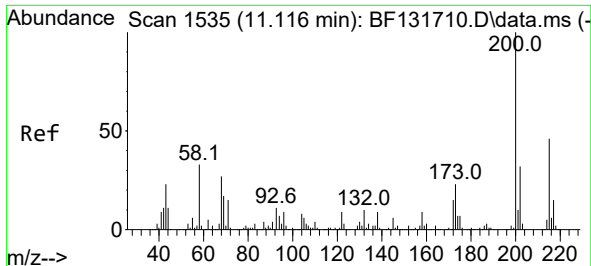
Tgt Ion:248 Resp: 13013  
Ion Ratio Lower Upper  
248 100  
250 97.7 79.4 119.0  
141 72.4 58.1 87.1



#68  
Hexachlorobenzene  
Concen: 2.288 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:284 Resp: 13678  
Ion Ratio Lower Upper  
284 100  
142 39.9 30.2 45.4  
249 38.8 27.2 40.8

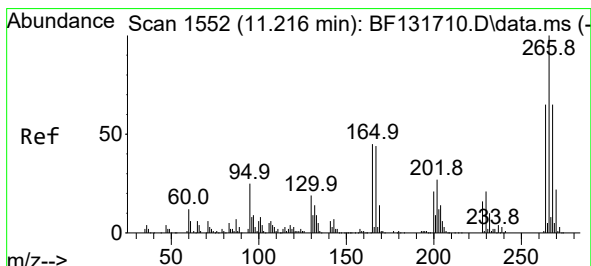
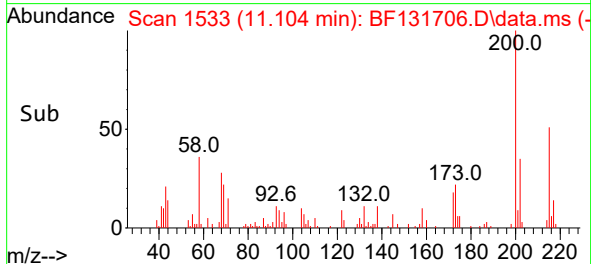
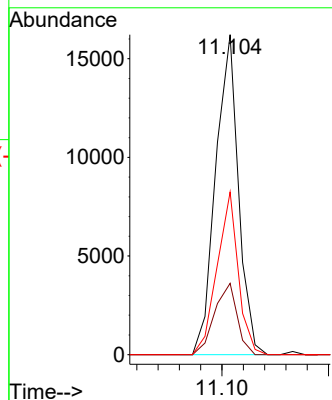
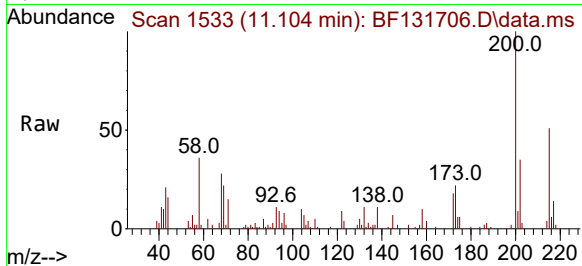




#69  
 Atrazine  
 Concen: 2.730 ng  
 RT: 11.104 min Scan# 1533  
 Delta R.T. -0.012 min  
 Lab File: BF131706.D  
 Acq: 20 Dec 2022 11:28

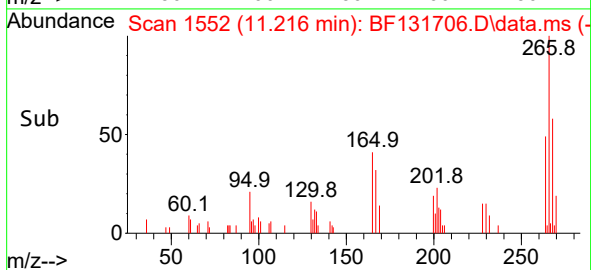
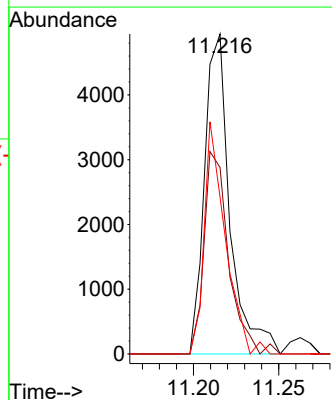
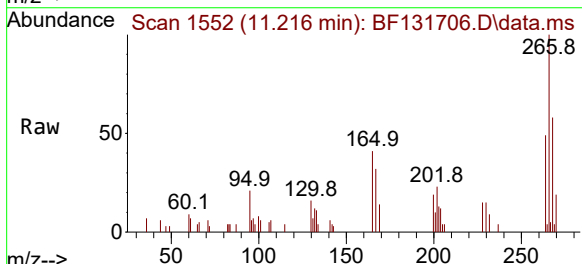
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

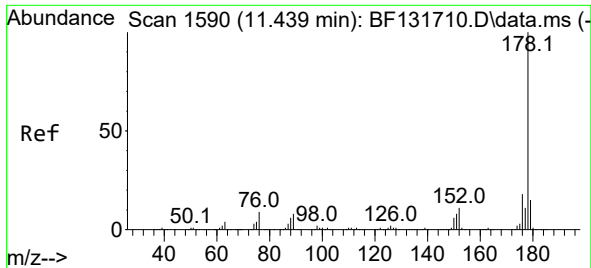
Tgt Ion:200 Resp: 12040  
 Ion Ratio Lower Upper  
 200 100  
 173 22.3 2.7 42.7  
 215 50.9 26.4 66.4



#70  
 Pentachlorophenol  
 Concen: 1.670 ng  
 RT: 11.216 min Scan# 1552  
 Delta R.T. -0.000 min  
 Lab File: BF131706.D  
 Acq: 20 Dec 2022 11:28

Tgt Ion:266 Resp: 5140  
 Ion Ratio Lower Upper  
 266 100  
 268 58.3 52.2 78.4  
 264 52.6 52.0 78.0

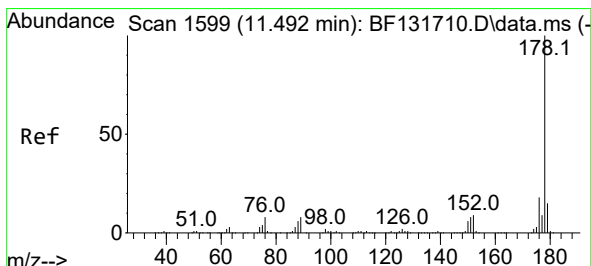
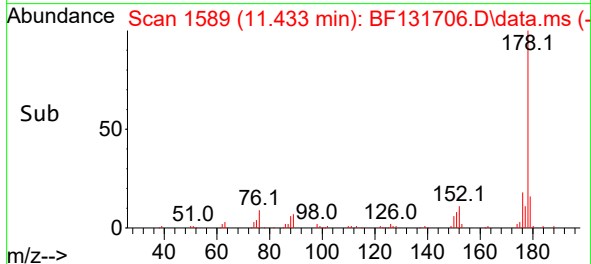
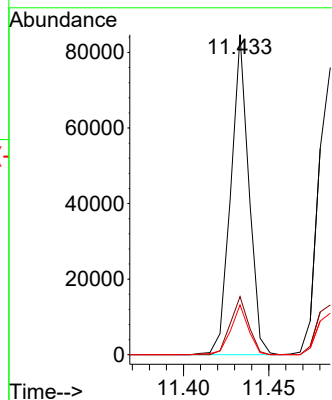
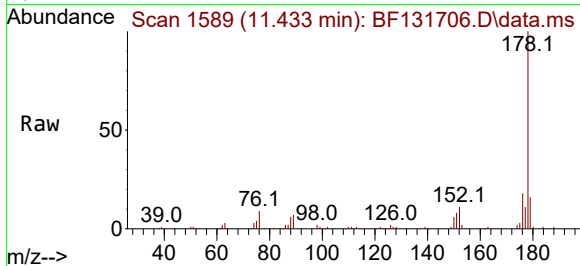




#71  
Phenanthrene  
Concen: 2.603 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

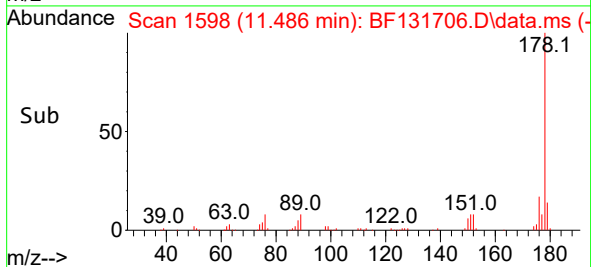
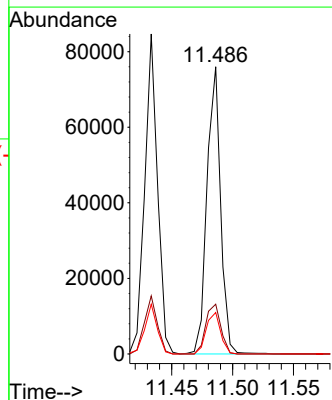
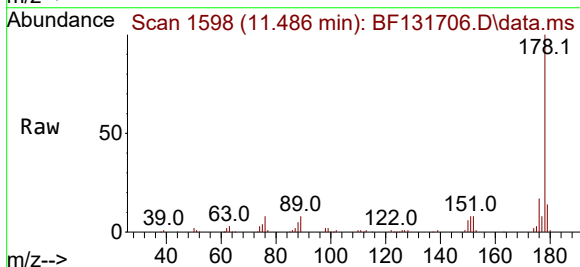
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

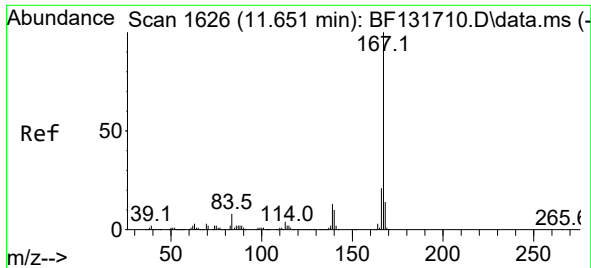
Tgt Ion:178 Resp: 62323  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.8 22.2  
179 15.5 12.2 18.4



#72  
Anthracene  
Concen: 2.533 ng  
RT: 11.486 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:178 Resp: 59004  
Ion Ratio Lower Upper  
178 100  
176 17.3 14.6 21.8  
179 14.5 12.2 18.4

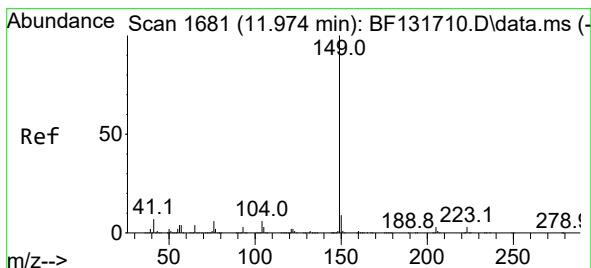
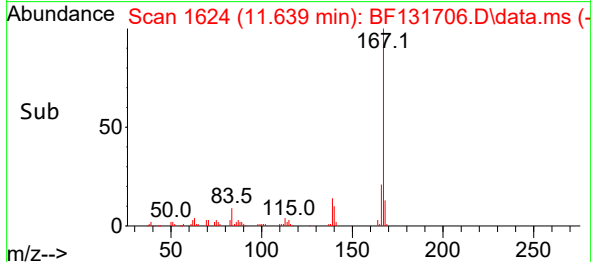
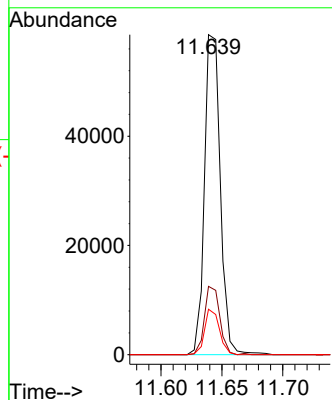
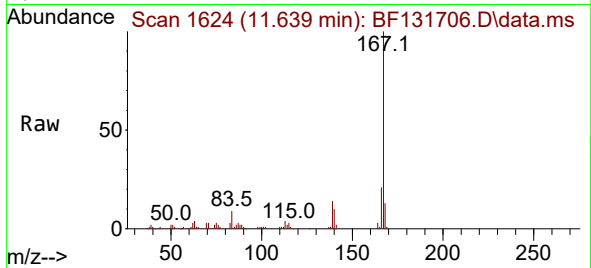




#73  
 Carbazole  
 Concen: 2.794 ng  
 RT: 11.639 min Scan# 1624  
 Delta R.T. -0.012 min  
 Lab File: BF131706.D  
 Acq: 20 Dec 2022 11:28

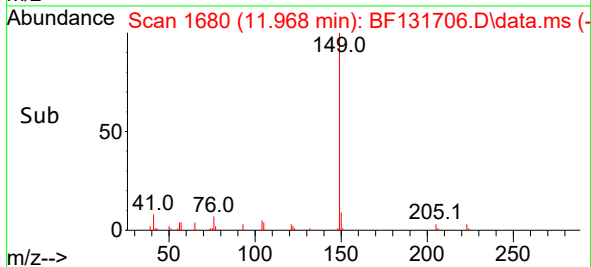
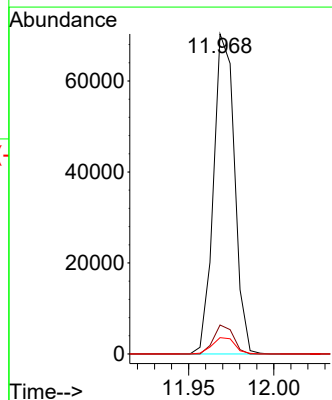
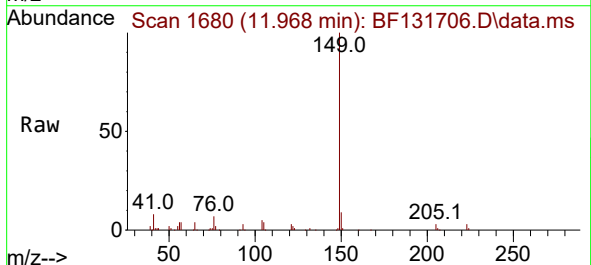
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:167 Resp: 53127  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.1 25.7  
 139 14.2 10.5 15.7

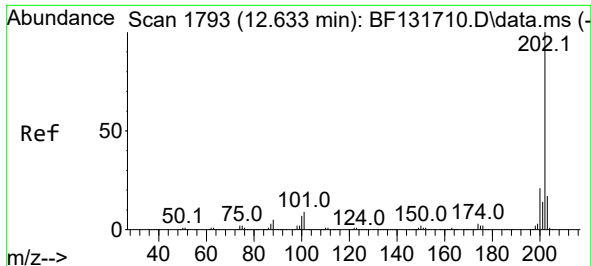


#74  
 Di-n-butylphthalate  
 Concen: 2.585 ng  
 RT: 11.968 min Scan# 1680  
 Delta R.T. -0.006 min  
 Lab File: BF131706.D  
 Acq: 20 Dec 2022 11:28

Tgt Ion:149 Resp: 60291  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.2  
 104 5.1 5.0 7.4



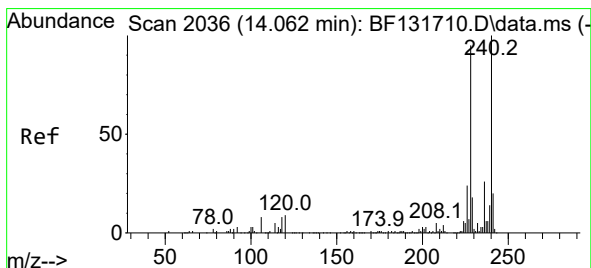
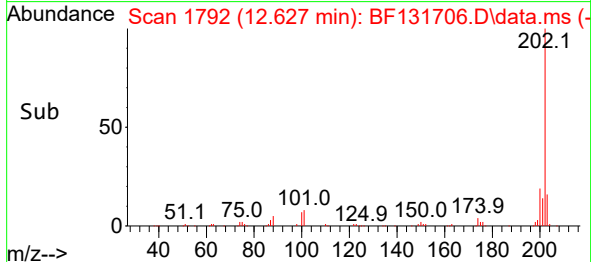
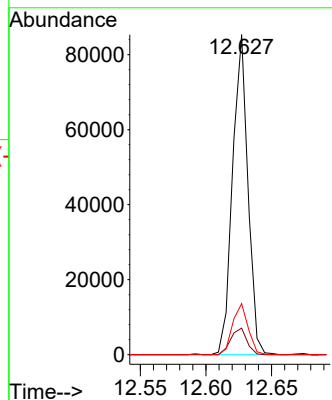
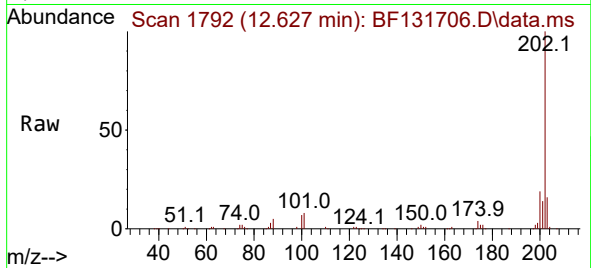




#75  
Fluoranthene  
Concen: 2.820 ng  
RT: 12.627 min Scan# 1792  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

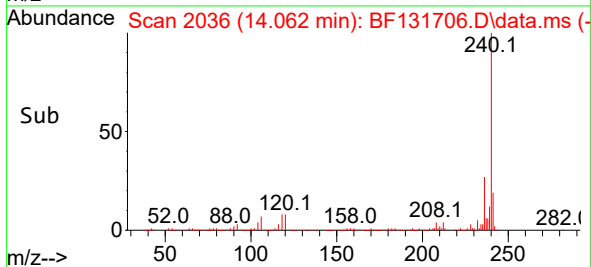
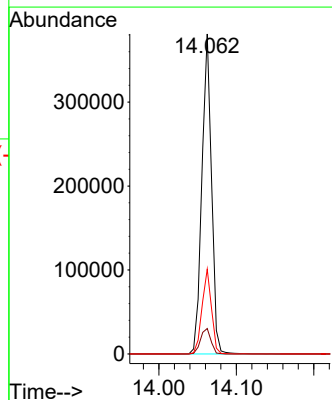
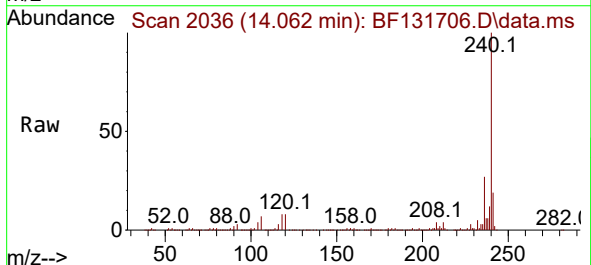
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

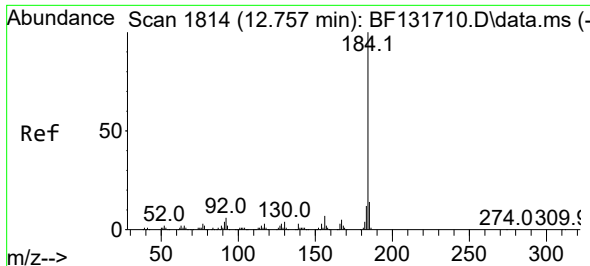
Tgt Ion:202 Resp: 69520  
Ion Ratio Lower Upper  
202 100  
101 8.3 0.0 28.8  
203 16.0 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.062 min Scan# 2036  
Delta R.T. -0.000 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:240 Resp: 328527  
Ion Ratio Lower Upper  
240 100  
120 7.9 7.6 11.4  
236 26.5 21.2 31.8

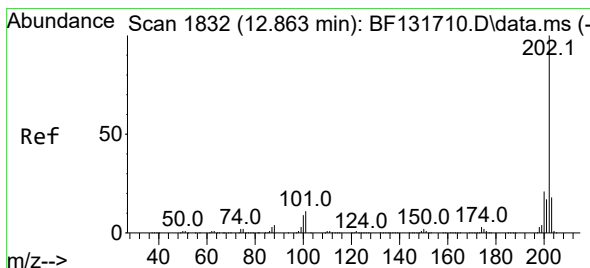
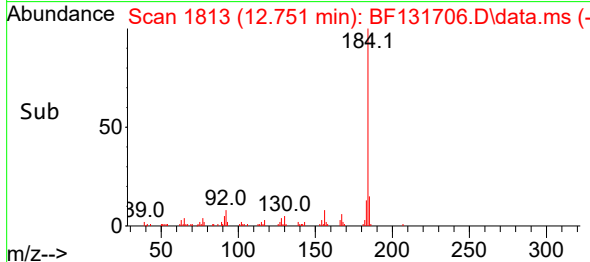
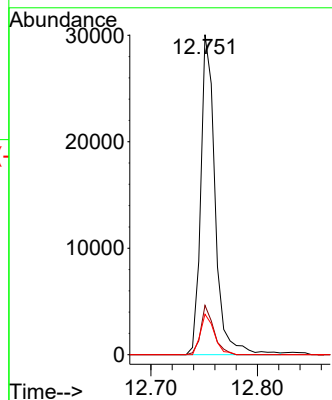
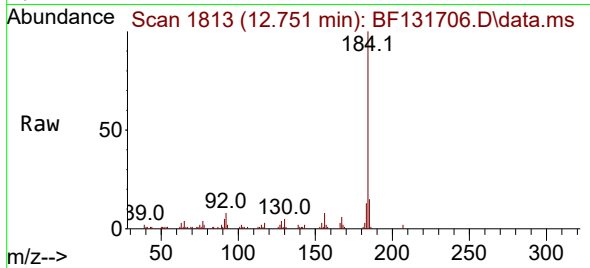




#77  
Benzidine  
Concen: 3.212 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

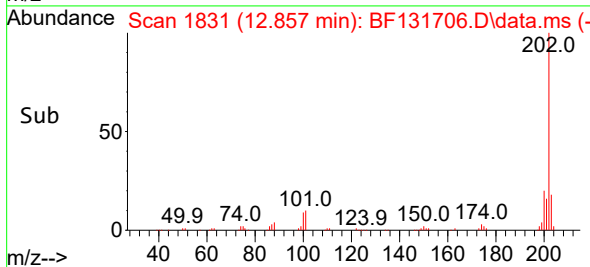
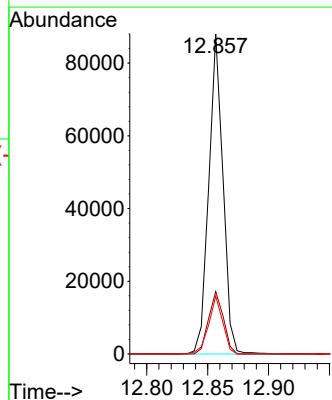
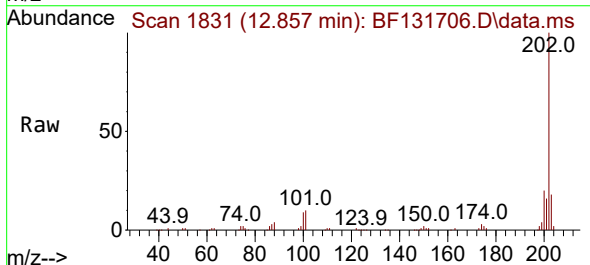
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

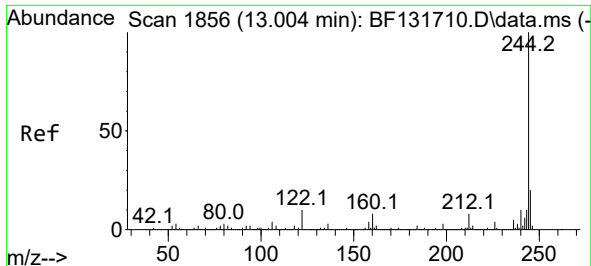
Tgt Ion:184 Resp: 28278  
Ion Ratio Lower Upper  
184 100  
185 15.4 11.3 16.9  
183 12.6 9.3 13.9



#78  
Pyrene  
Concen: 2.193 ng  
RT: 12.857 min Scan# 1831  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:202 Resp: 71055  
Ion Ratio Lower Upper  
202 100  
200 19.5 17.1 25.7  
203 18.1 14.1 21.1

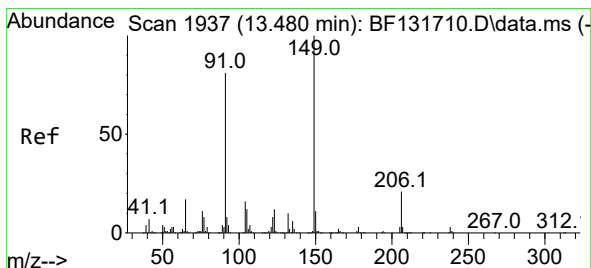
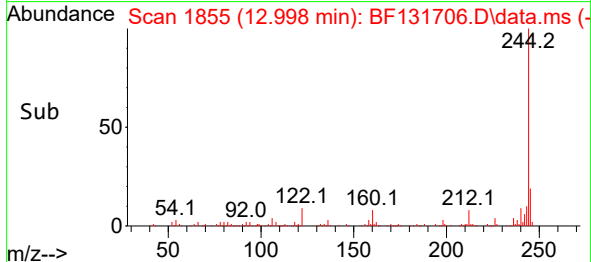
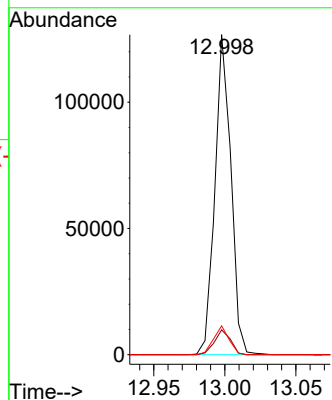
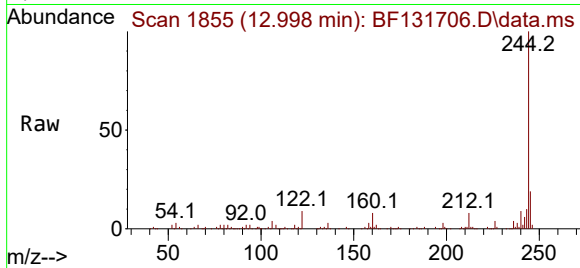




#79  
 Terphenyl-d14  
 Concen: 4.136 ng  
 RT: 12.998 min Scan# 1855  
 Delta R.T. -0.006 min  
 Lab File: BF131706.D  
 Acq: 20 Dec 2022 11:28

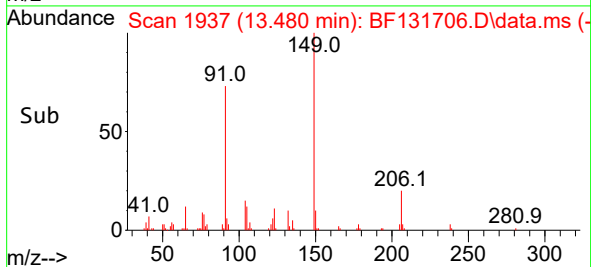
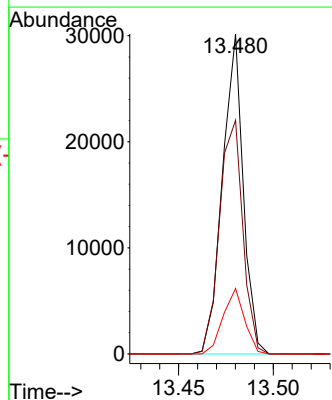
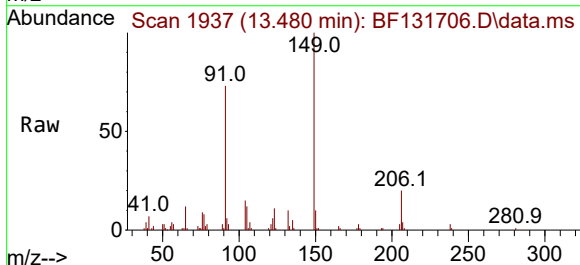
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

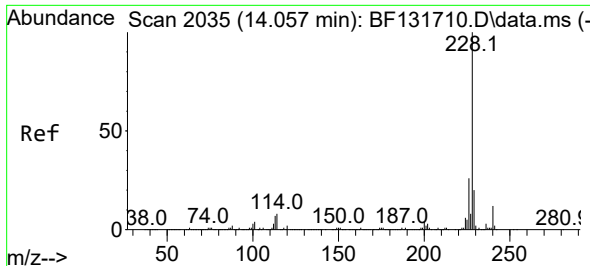
Tgt Ion:244 Resp: 99069  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.5 9.7  
 122 9.0 7.7 11.5



#80  
 Butylbenzylphthalate  
 Concen: 2.460 ng  
 RT: 13.480 min Scan# 1937  
 Delta R.T. -0.000 min  
 Lab File: BF131706.D  
 Acq: 20 Dec 2022 11:28

Tgt Ion:149 Resp: 23064  
 Ion Ratio Lower Upper  
 149 100  
 91 73.1 64.9 97.3  
 206 20.5 17.0 25.4

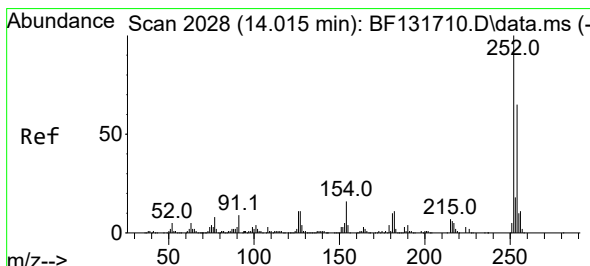
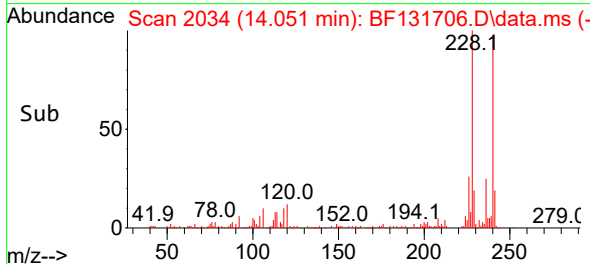
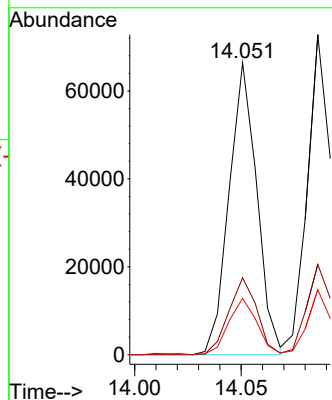
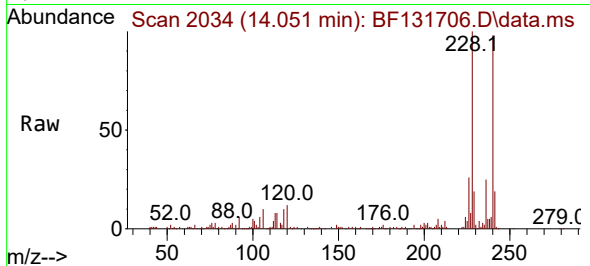




#81  
Benzo(a)anthracene  
Concen: 2.545 ng  
RT: 14.051 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

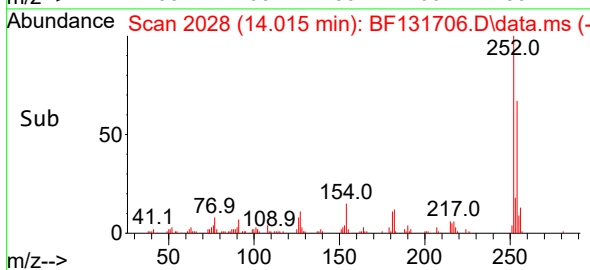
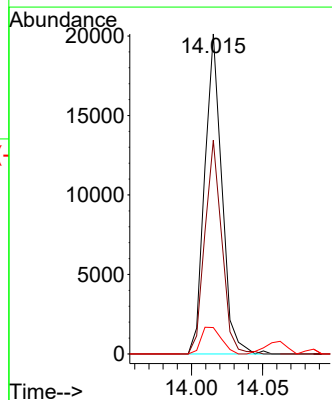
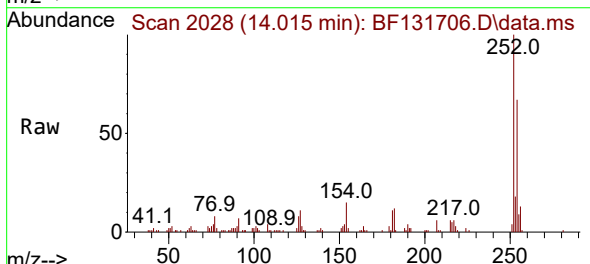
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

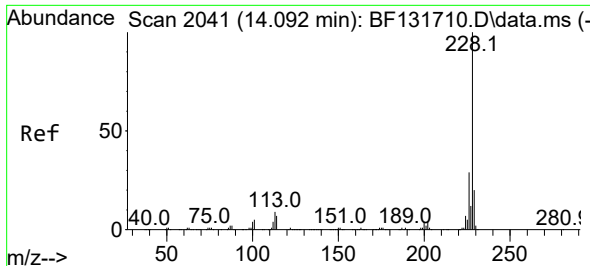
Tgt Ion:228 Resp: 60369  
Ion Ratio Lower Upper  
228 100  
226 26.4 21.0 31.4  
229 19.3 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 2.508 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:252 Resp: 16932  
Ion Ratio Lower Upper  
252 100  
254 66.8 52.1 78.1  
126 8.2 8.4 12.6#





#83

Chrysene

Concen: 2.563 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

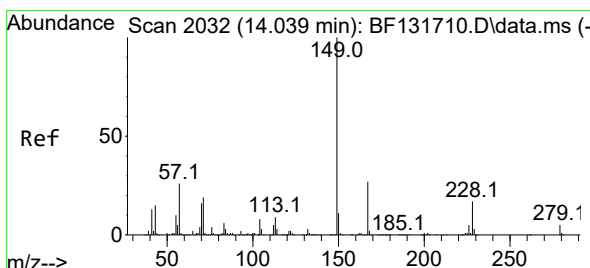
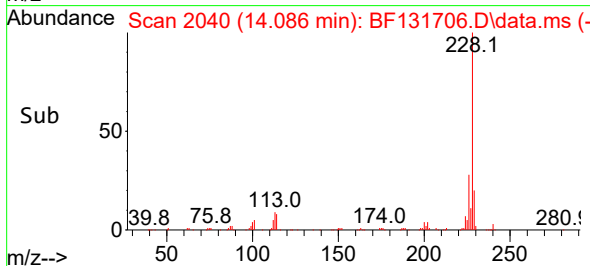
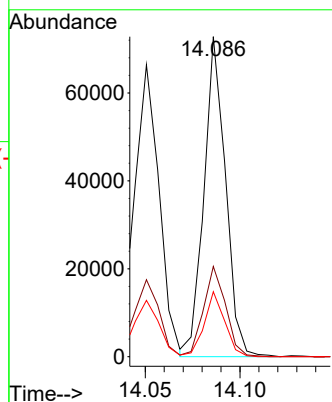
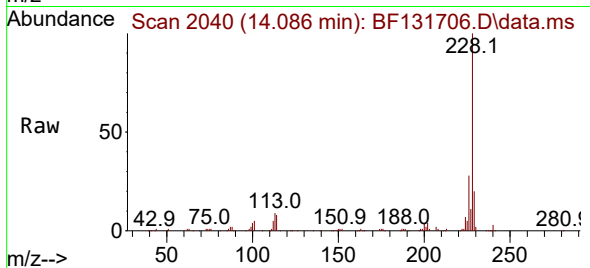
Tgt Ion:228 Resp: 57802

Ion Ratio Lower Upper

228 100

226 28.2 23.5 35.3

229 20.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.322 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

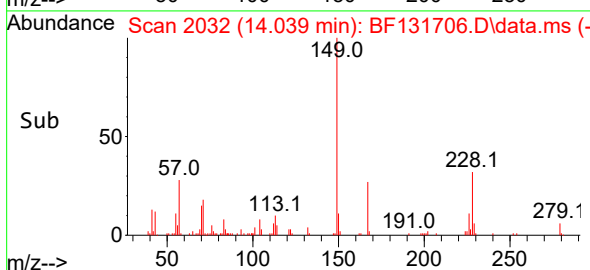
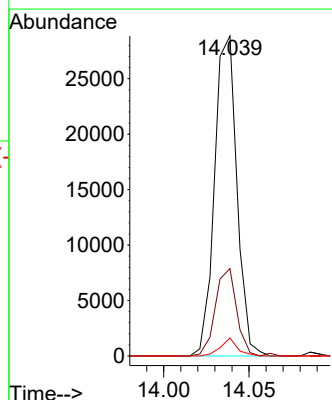
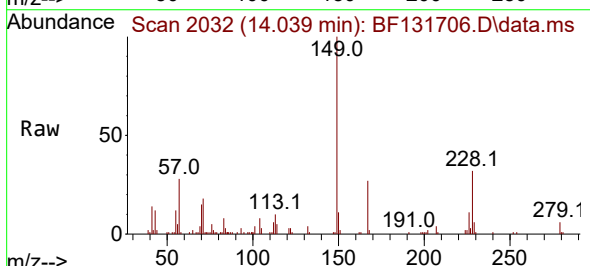
Tgt Ion:149 Resp: 26360

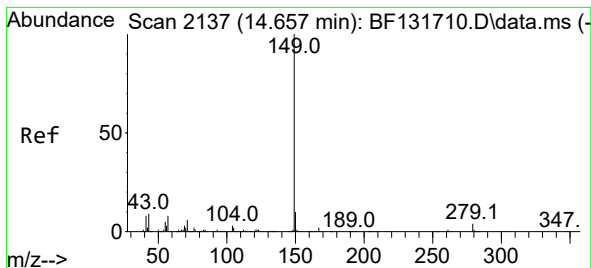
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 5.6 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 1.881 ng

RT: 14.656 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

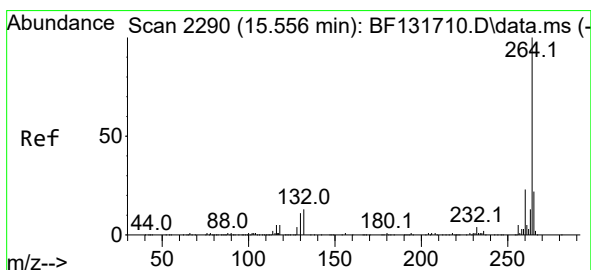
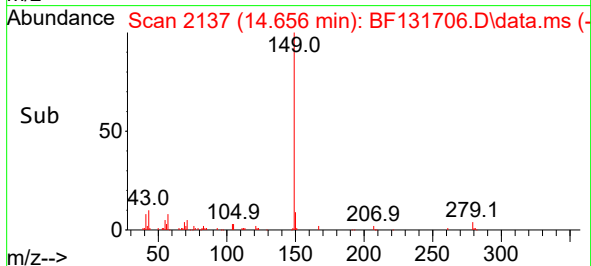
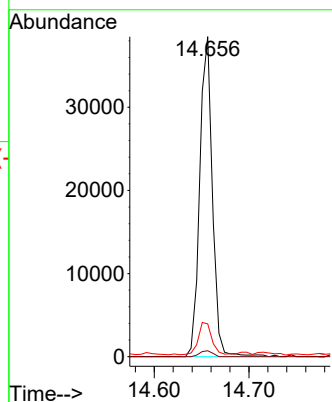
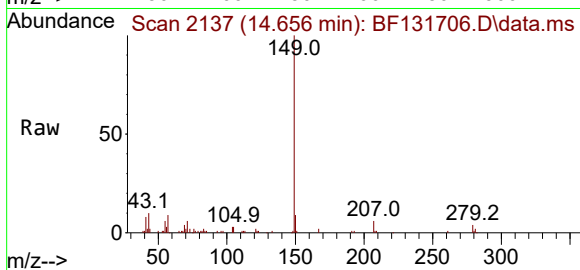
Tgt Ion:149 Resp: 35974

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 10.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2290

Delta R.T. -0.000 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

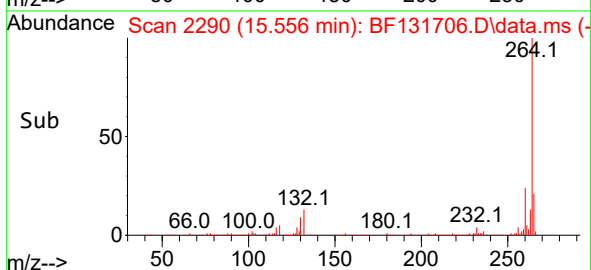
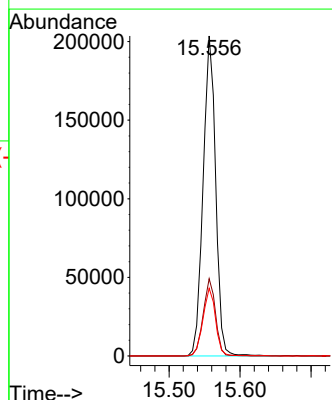
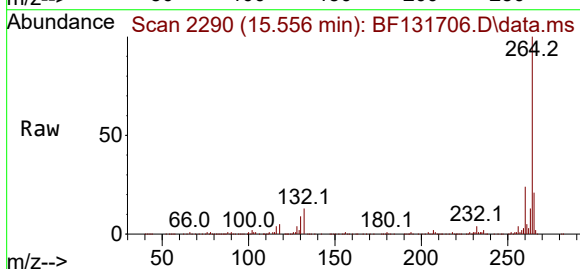
Tgt Ion:264 Resp: 250738

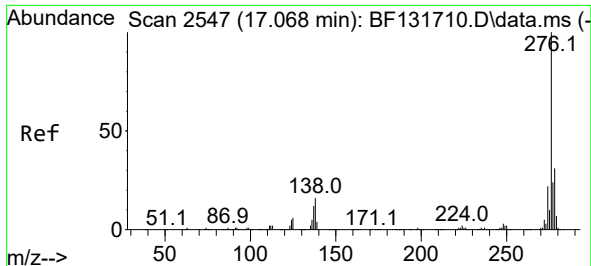
Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 21.1 17.4 26.2

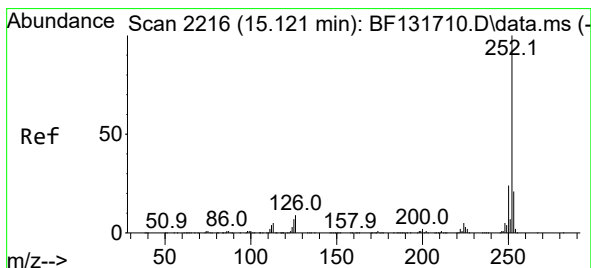
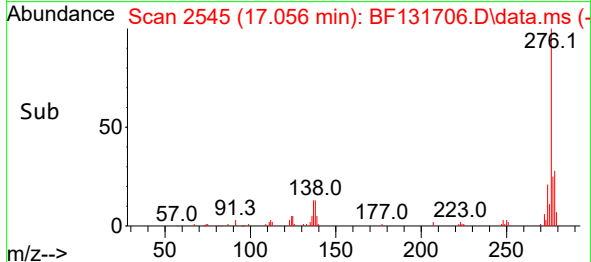
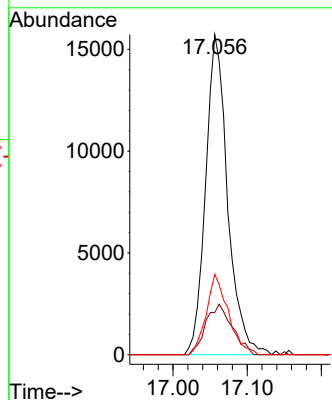
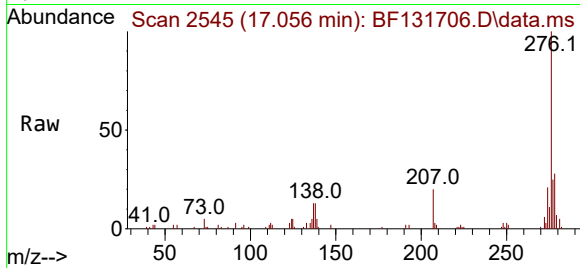




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 1.590 ng  
RT: 17.056 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

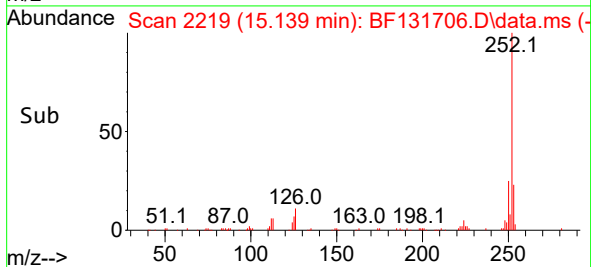
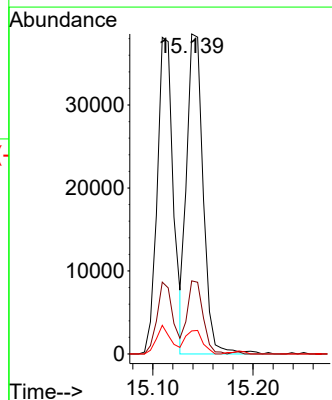
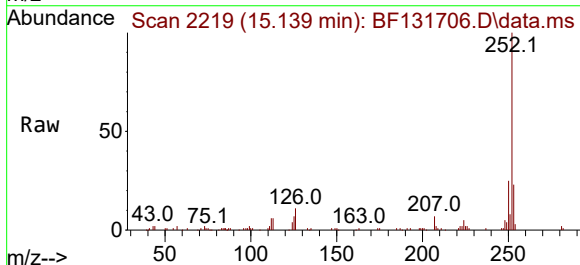
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

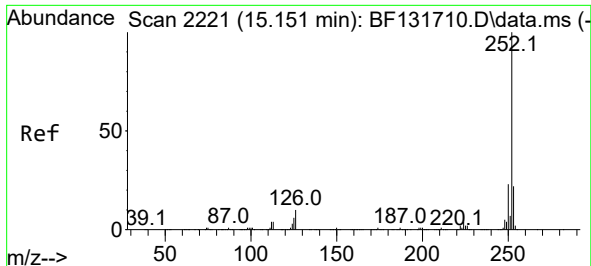
Tgt Ion:276 Resp: 32533  
Ion Ratio Lower Upper  
276 100  
138 18.9 14.4 21.6  
277 24.9 19.8 29.8



#88  
Benzo(b)fluoranthene  
Concen: 2.650 ng  
RT: 15.139 min Scan# 2219  
Delta R.T. 0.018 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:252 Resp: 43788  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.2 25.8  
125 7.2 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 2.539 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.012 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

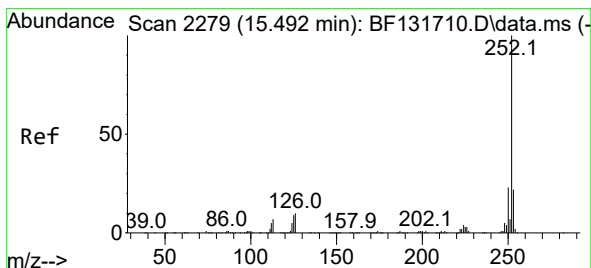
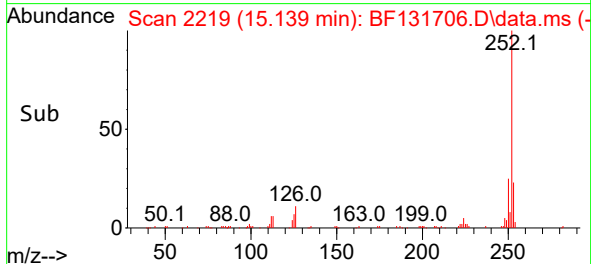
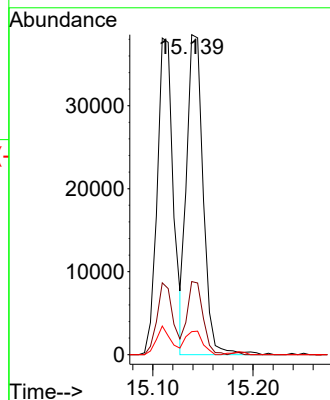
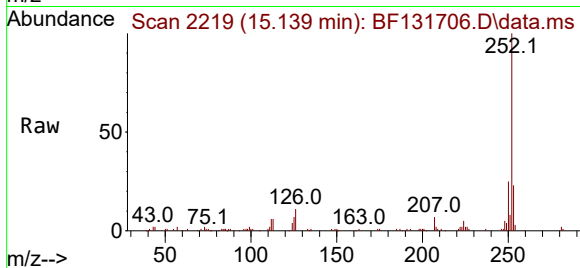
Tgt Ion:252 Resp: 43788

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 7.2 5.2 7.8



#90

Benzo(a)pyrene

Concen: 2.335 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF131706.D

Acq: 20 Dec 2022 11:28

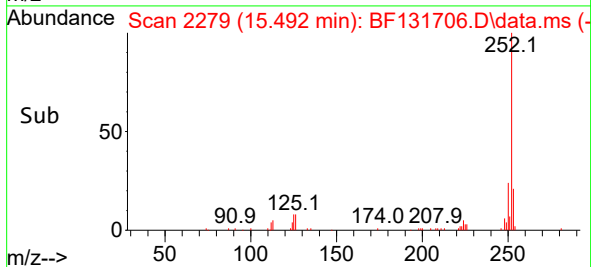
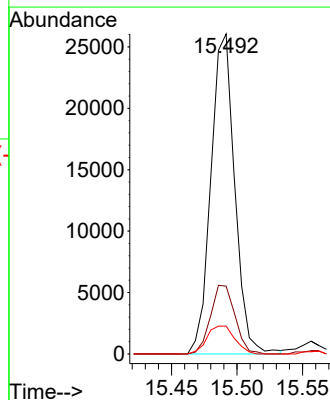
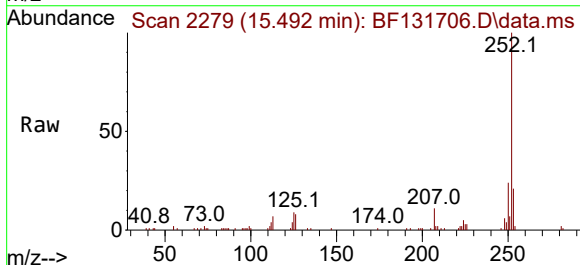
Tgt Ion:252 Resp: 32937

Ion Ratio Lower Upper

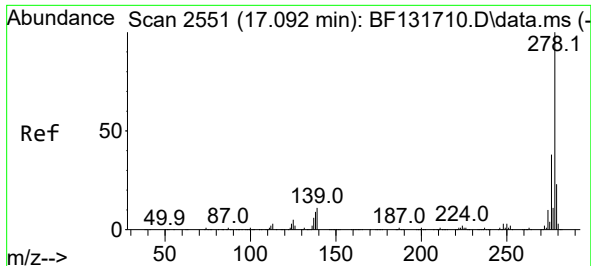
252 100

253 21.2 17.5 26.3

125 8.7 7.0 10.4



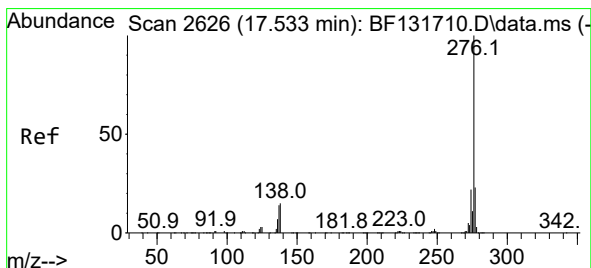
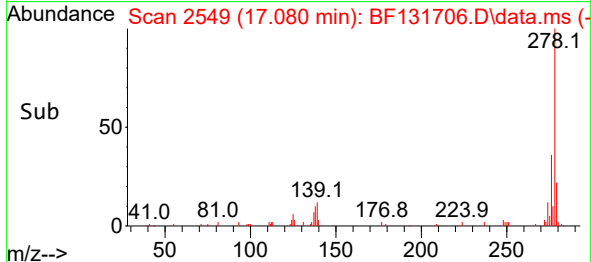
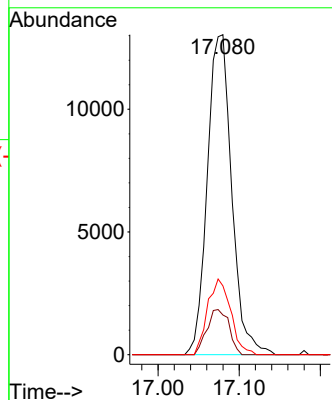
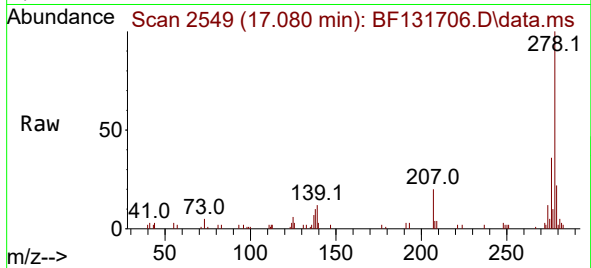




#91  
Dibenzo(a,h)anthracene  
Concen: 1.618 ng  
RT: 17.080 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:278 Resp: 27247  
Ion Ratio Lower Upper  
278 100  
139 15.0 8.7 13.1#  
279 21.5 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 1.538 ng  
RT: 17.509 min Scan# 2622  
Delta R.T. -0.024 min  
Lab File: BF131706.D  
Acq: 20 Dec 2022 11:28

Tgt Ion:276 Resp: 26039  
Ion Ratio Lower Upper  
276 100  
277 24.3 18.3 27.5  
138 13.5 12.3 18.5

