

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040321\  
 Data File : BF123555.D  
 Acq On : 2 Apr 2021 11:09  
 Operator : JU/CG  
 Sample : SSTDIC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 02 12:58:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 02 12:55:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 125037   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 488276   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.928  | 164  | 283526   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 527462   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.057 | 240  | 678998   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 441772   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 138023   | 20.06 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 187673   | 20.08 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 188769   | 19.73 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 77032    | 19.83 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 407185   | 19.90 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 508131   | 11.07 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 59354    | 20.97 | ng    | # 73     |
| 3) Pyridine                   | 3.422  | 79   | 130328   | 18.49 | ng    | # 59     |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 77399    | 15.12 | ng    | # 64     |
| 6) Aniline                    | 6.534  | 93   | 105899   | 10.05 | ng    | # 89     |
| 8) 2-Chlorophenol             | 6.663  | 128  | 80220    | 9.74  | ng    | 94       |
| 9) Benzaldehyde               | 6.428  | 77   | 63828    | 11.19 | ng    | 95       |
| 10) Phenol                    | 6.510  | 94   | 90772    | 9.21  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 73583    | 9.86  | ng    | 87       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 93161    | 10.15 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 94692    | 10.17 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 91502    | 10.27 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 73656    | 9.76  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 158468   | 9.79  | ng    | 88       |
| 17) 2-Methylphenol            | 7.128  | 107  | 60360    | 9.33  | ng    | 95       |
| 18) Hexachloroethane          | 7.398  | 117  | 33872    | 9.85  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 63958    | 9.85  | ng    | # 75     |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 83739    | 10.02 | ng    | # 83     |
| 22) Acetophenone              | 7.287  | 105  | 119068   | 9.71  | ng    | # 92     |
| 24) Nitrobenzene              | 7.457  | 77   | 95142    | 9.58  | ng    | 92       |
| 25) Isophorone                | 7.698  | 82   | 171133   | 9.57  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 43384    | 9.64  | ng    | # 87     |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 64842    | 9.38  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 87943    | 9.52  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 70958    | 9.43  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 78740    | 9.87  | ng    | 95       |
| 31) Naphthalene               | 8.186  | 128  | 242056   | 9.97  | ng    | 98       |
| 32) Benzoic acid              | 7.886  | 122  | 38823    | 8.59  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 97477    | 10.01 | ng    | # 91     |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 52665    | 9.32  | ng    | 98       |
| 35) Caprolactam               | 8.575  | 113  | 20655    | 9.50  | ng    | # 38     |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 79722    | 9.63  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 176078   | 10.07 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 165249   | 10.17 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 82726    | 9.79  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 40523    | 8.76  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 56464    | 9.56  | ng    | 97       |

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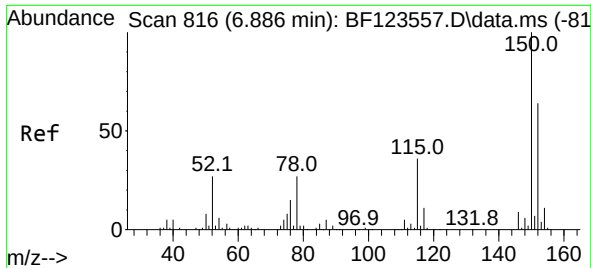
Quant Time: Apr 02 12:58:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 02 12:55:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 59613    | 9.41  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 216915   | 9.95  | ng    | 96       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 166752   | 9.83  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 54342    | 9.57  | ng    | # 78     |
| 49) Acenaphthylene            | 9.786  | 152  | 261009   | 10.04 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 199310   | 9.91  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 44740    | 9.93  | ng    | # 74     |
| 52) Acenaphthene              | 9.957  | 154  | 171140   | 9.72  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 44278    | 9.82  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 16188    | 6.61  | ng    | # 51     |
| 55) Dibenzofuran              | 10.128 | 168  | 243207   | 10.14 | ng    | 95       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 32589    | 9.26  | ng    | # 68     |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 58993    | 9.95  | ng    | # 80     |
| 58) Fluorene                  | 10.475 | 166  | 197343   | 10.02 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 46895    | 8.96  | ng    | 93       |
| 60) Diethylphthalate          | 10.339 | 149  | 215113   | 10.09 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 96113    | 10.02 | ng    | 91       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 44345    | 9.91  | ng    | 92       |
| 63) Azobenzene                | 10.622 | 77   | 202336   | 10.17 | ng    | 86       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 28877    | 8.47  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 176726   | 9.66  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 63646    | 9.81  | ng    | 94       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 69947    | 9.76  | ng    | 98       |
| 69) Atrazine                  | 11.104 | 200  | 59643    | 9.82  | ng    | 97       |
| 70) Pentachlorophenol         | 11.216 | 266  | 33752    | 8.25  | ng    | 100      |
| 71) Phenanthrene              | 11.439 | 178  | 284172   | 9.84  | ng    | 97       |
| 72) Anthracene                | 11.486 | 178  | 287677   | 9.94  | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 257555   | 9.31  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 349170   | 9.32  | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 309129   | 9.64  | ng    | 93       |
| 77) Benzidine                 | 12.745 | 184  | 122884   | 5.48  | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 307864   | 5.36  | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 193943   | 7.53  | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 456698   | 10.05 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 126870   | 9.25  | ng    | 98       |
| 83) Chrysene                  | 14.086 | 228  | 413968   | 9.45  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 352719   | 9.76  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 481772   | 9.03  | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 162139   | 6.39  | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 325925   | 10.95 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 325925   | 11.54 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 277750   | 11.04 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 138220   | 6.38  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 17.480 | 276  | 129083   | 6.31  | ng    | # 95     |

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

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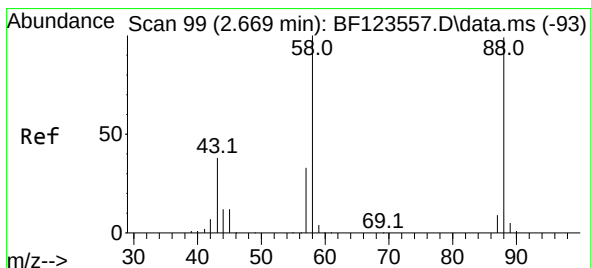
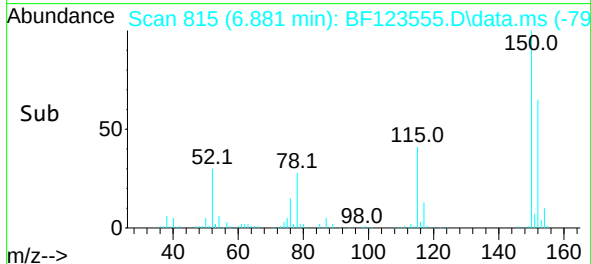
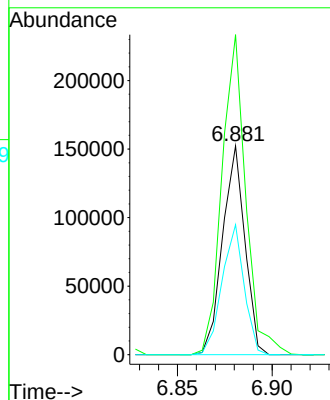
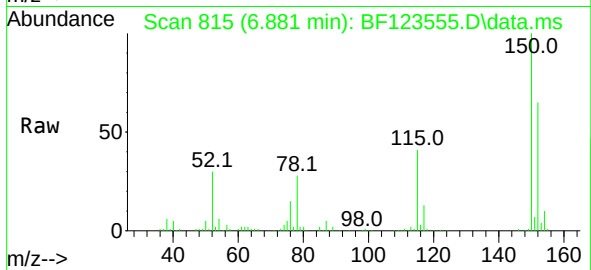




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.881 min Scan# 815  
 Delta R.T. -0.005 min  
 Lab File: BF123555.D  
 Acq: 2 Apr 2021 11:09

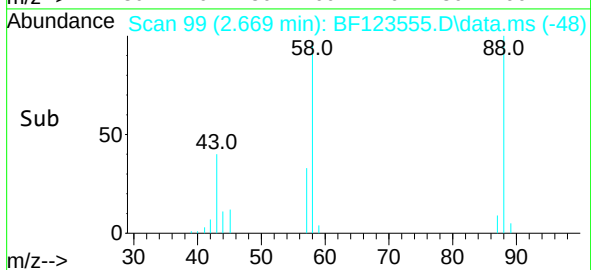
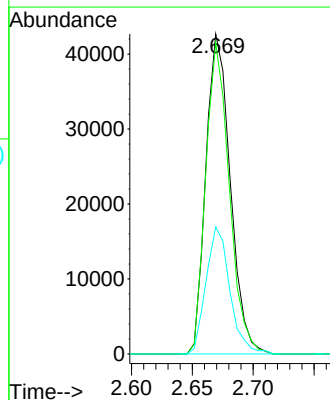
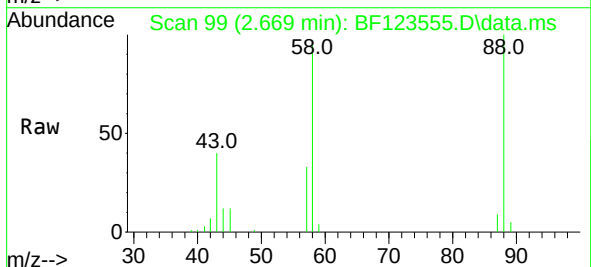
Instrument :  
 BNA\_M  
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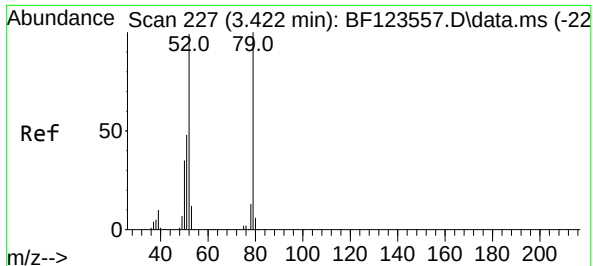
Tgt Ion:152 Resp: 125037  
 Ion Ratio Lower Upper  
 152 100  
 150 153.2 125.8 188.6  
 115 62.2 49.3 73.9



#2  
 1,4-Dioxane  
 Concen: 20.97 ng  
 RT: 2.669 min Scan# 99  
 Delta R.T. 0.000 min  
 Lab File: BF123555.D  
 Acq: 2 Apr 2021 11:09

Tgt Ion: 88 Resp: 59354  
 Ion Ratio Lower Upper  
 88 100  
 58 93.9 56.2 84.2#  
 43 38.8 21.8 32.6#

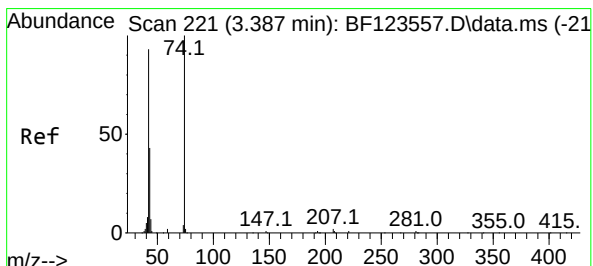
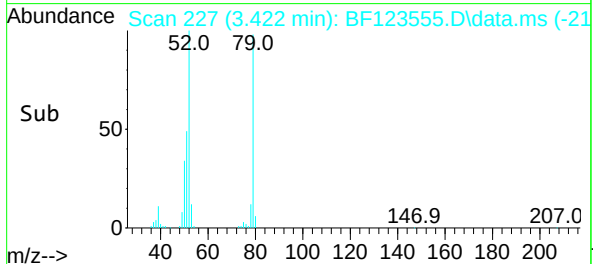
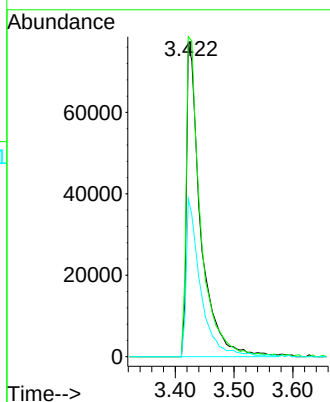
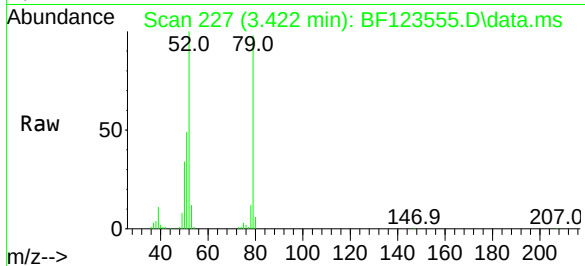




#3  
Pyridine  
Concen: 18.49 ng  
RT: 3.422 min Scan# 227  
Delta R.T. 0.000 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

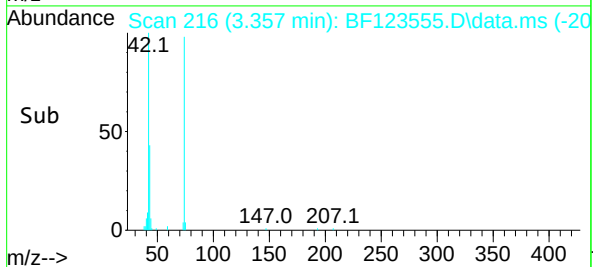
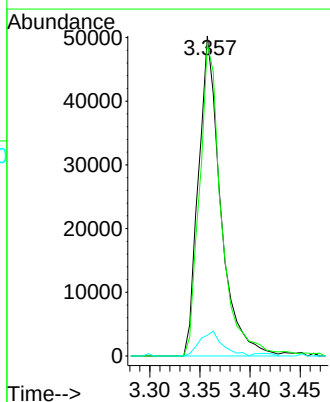
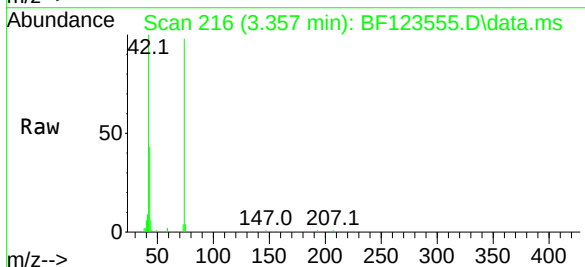
Instrument :  
BNA\_M  
ClientSampleId :

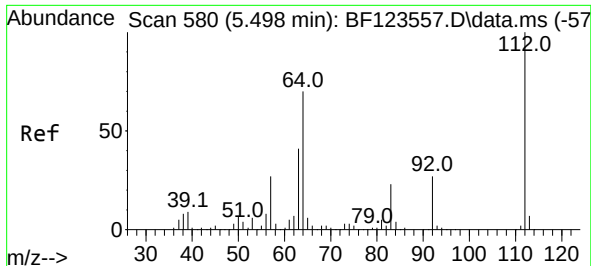
Tgt Ion: 79 Resp: 130328  
Ion Ratio Lower Upper  
79 100  
52 102.5 53.0 79.4#  
51 50.6 26.6 39.8#



#4  
n-Nitrosodimethylamine  
Concen: 15.12 ng  
RT: 3.357 min Scan# 216  
Delta R.T. -0.029 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion: 42 Resp: 77399  
Ion Ratio Lower Upper  
42 100  
74 97.6 115.2 172.8#  
44 6.4 5.4 8.0

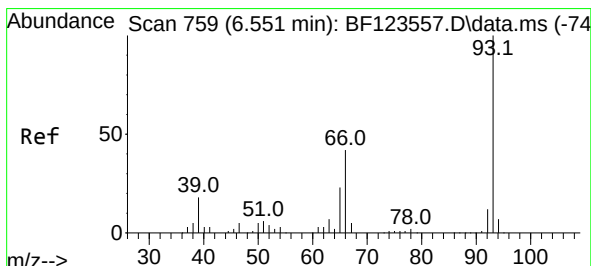
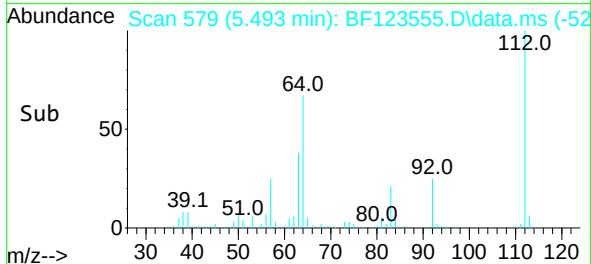
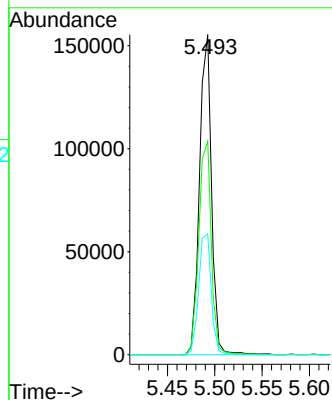
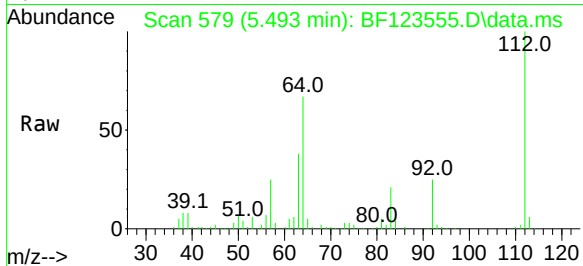




#5  
2-Fluorophenol  
Concen: 20.06 ng  
RT: 5.493 min Scan# 579  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

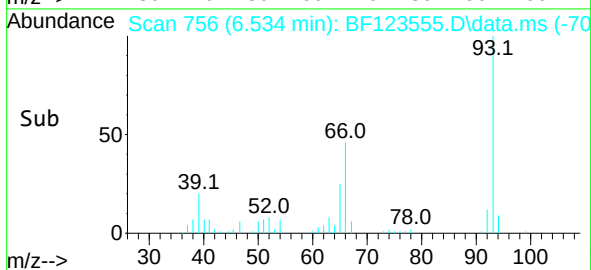
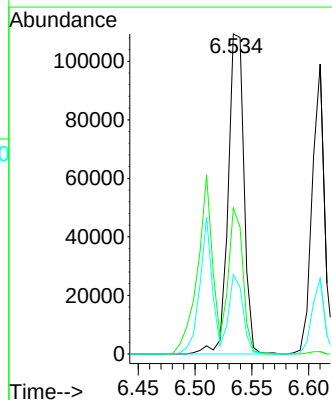
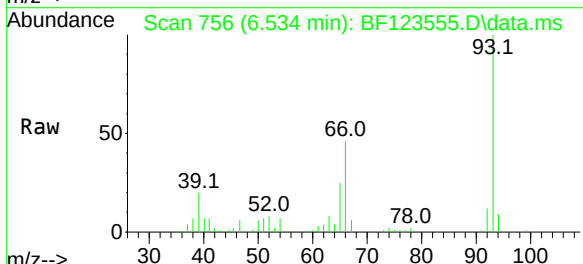
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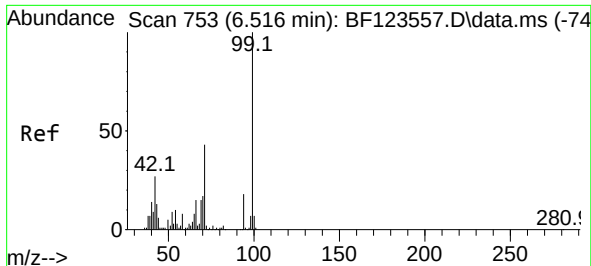
Tgt Ion:112 Resp: 138023  
Ion Ratio Lower Upper  
112 100  
64 66.8 46.9 70.3  
63 37.8 24.5 36.7#



#6  
Aniline  
Concen: 10.05 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.018 min  
Lab File: BF123555.D  
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Tgt Ion: 93 Resp: 105899  
Ion Ratio Lower Upper  
93 100  
66 45.6 31.3 46.9  
65 24.8 15.6 23.4#

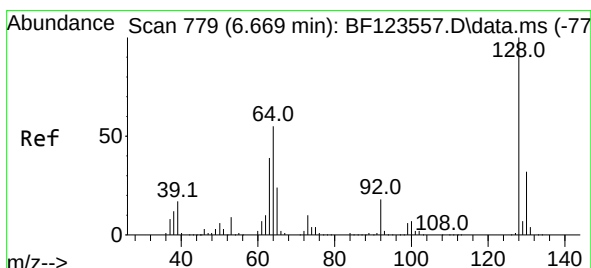
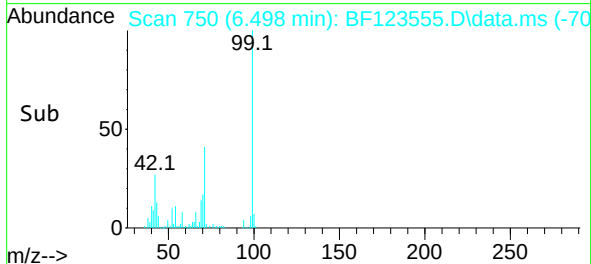
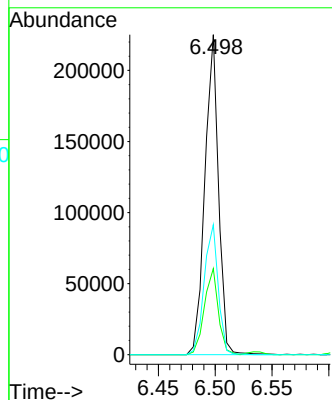
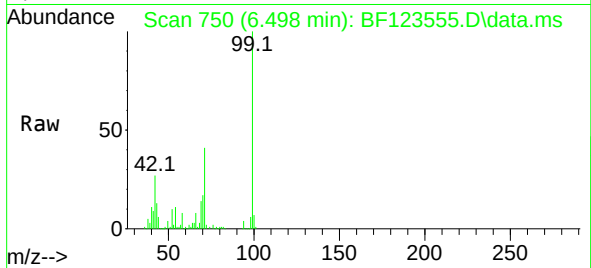




#7  
Phenol-d6  
Concen: 20.08 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.018 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

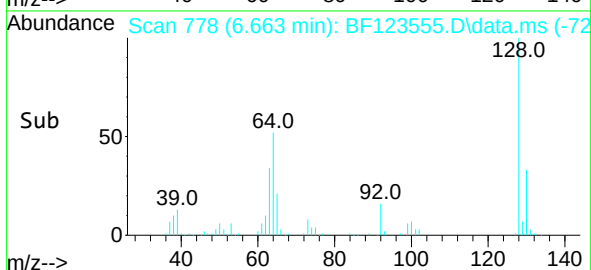
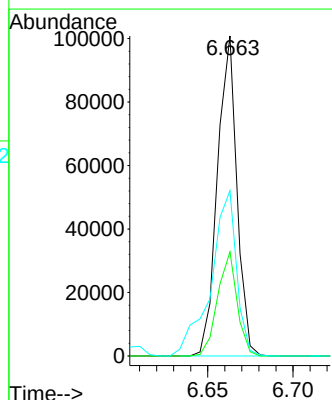
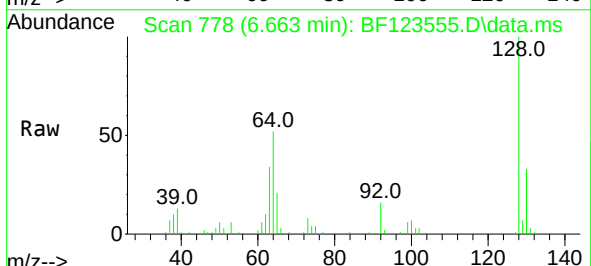
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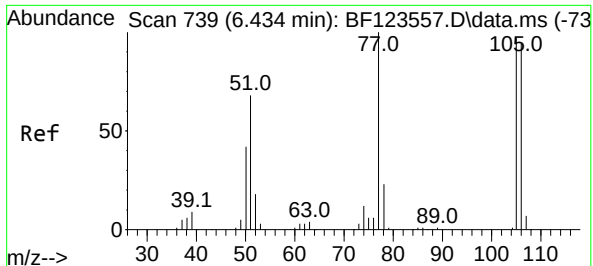
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Ion Ratio Lower Upper  
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42 26.9 13.8 20.6#  
71 40.6 26.9 40.3#



#8  
2-Chlorophenol  
Concen: 9.74 ng  
RT: 6.663 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:128 Resp: 80220  
Ion Ratio Lower Upper  
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64 51.6 25.5 65.5

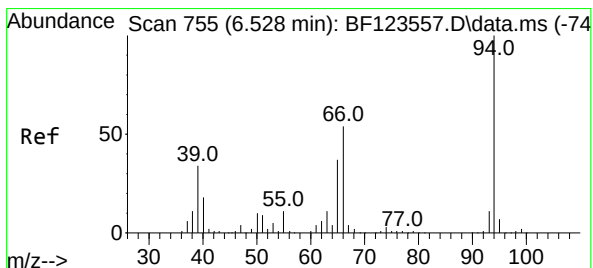
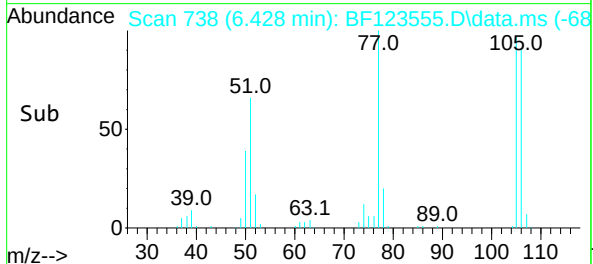
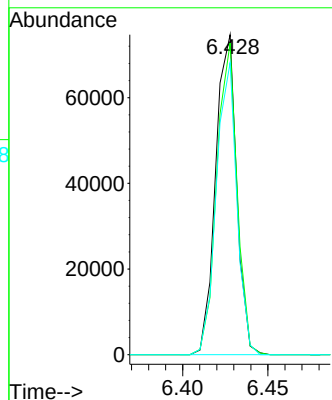
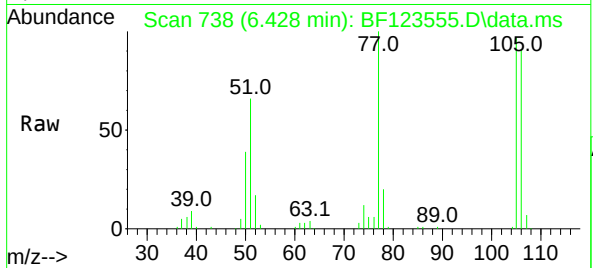




#9  
Benzaldehyde  
Concen: 11.19 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

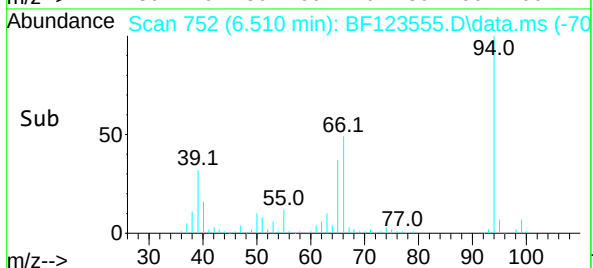
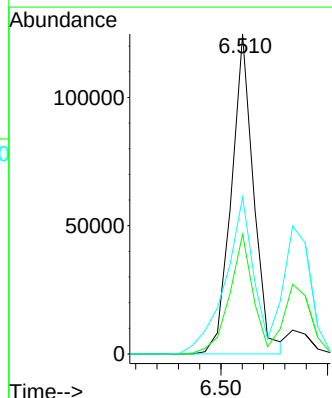
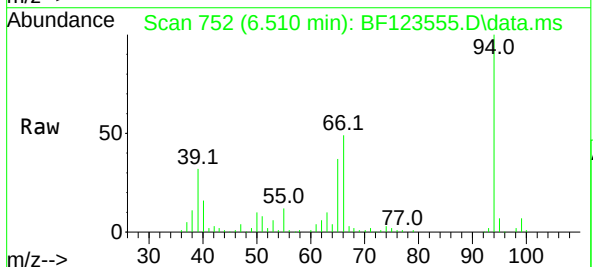
Instrument :  
BNA\_M  
ClientSampled :

Tgt Ion: 77 Resp: 63828  
Ion Ratio Lower Upper  
77 100  
105 97.4 80.6 120.6  
106 91.3 77.2 117.2

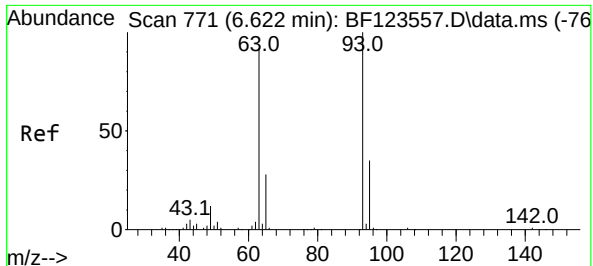


#10  
Phenol  
Concen: 9.21 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.018 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion: 94 Resp: 90772  
Ion Ratio Lower Upper  
94 100  
65 37.5 11.2 51.2  
66 49.1 25.8 65.8







#11

bis(2-Chloroethyl)ether

Concen: 9.86 ng

RT: 6.610 min Scan# 769

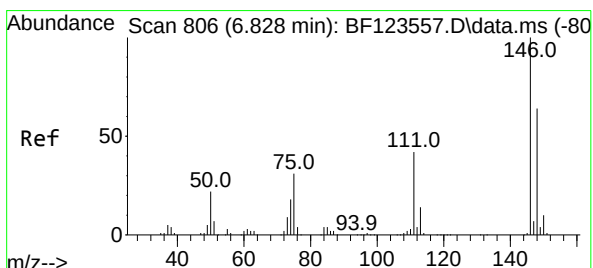
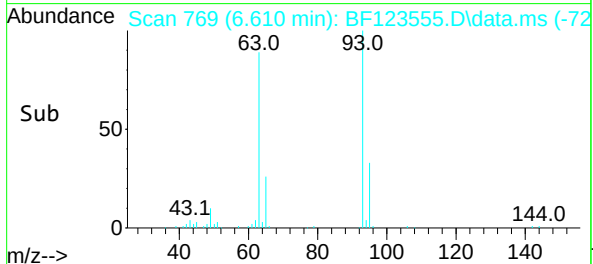
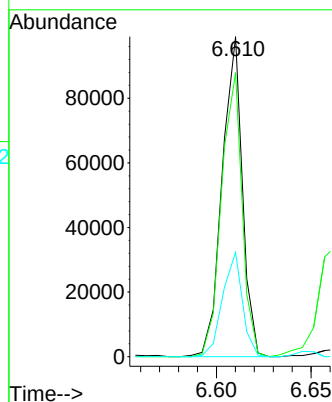
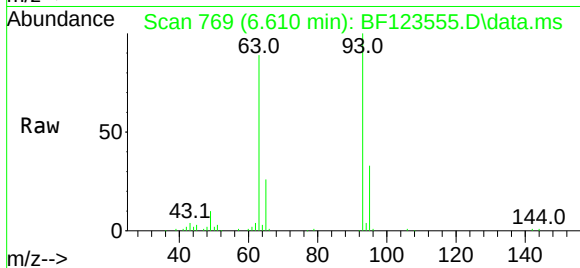
Delta R.T. -0.012 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

Tgt Ion: 93 Resp: 73583

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 88.7  | 52.6  | 92.6  |
| 95  | 32.6  | 12.6  | 52.6  |



#12

1,3-Dichlorobenzene

Concen: 10.15 ng

RT: 6.822 min Scan# 805

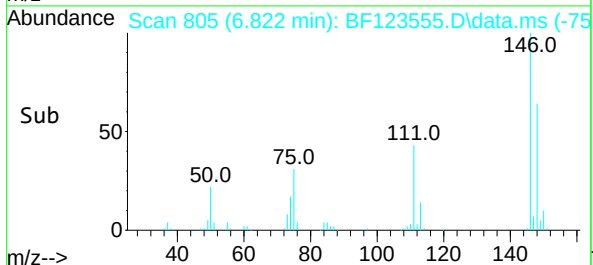
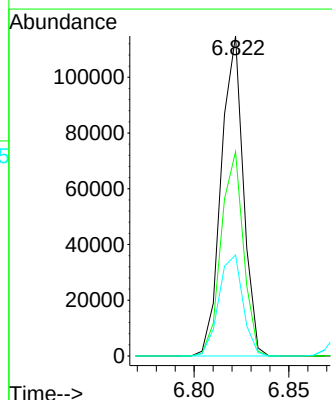
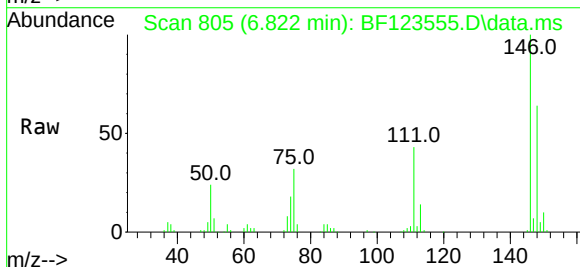
Delta R.T. -0.006 min

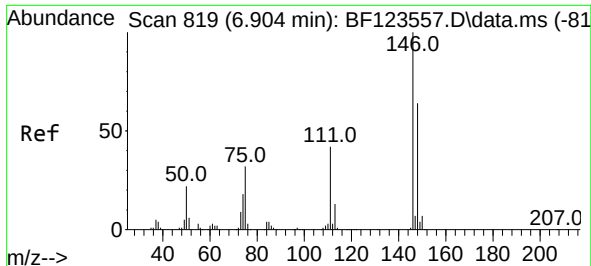
Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

Tgt Ion: 146 Resp: 93161

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.8  | 51.8  | 77.8  |
| 75  | 31.6  | 22.5  | 33.7  |

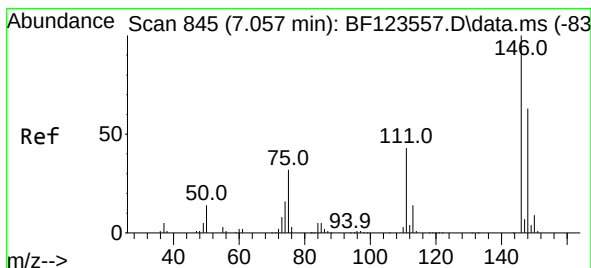
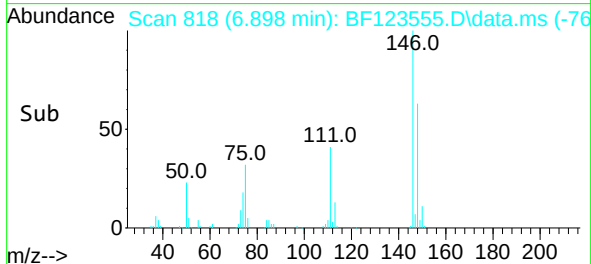
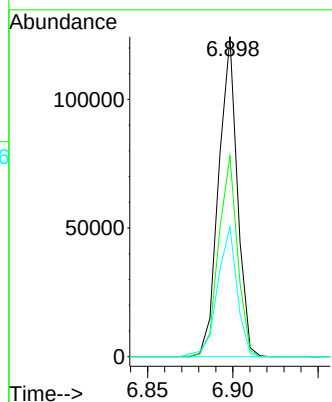
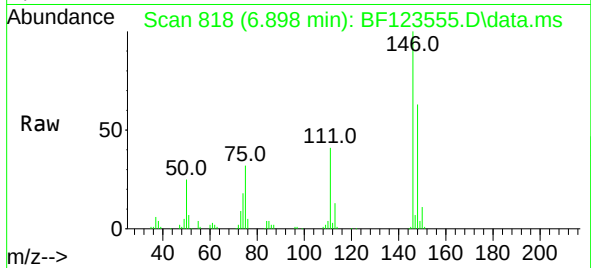




#13  
1,4-Dichlorobenzene  
Concen: 10.17 ng  
RT: 6.898 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

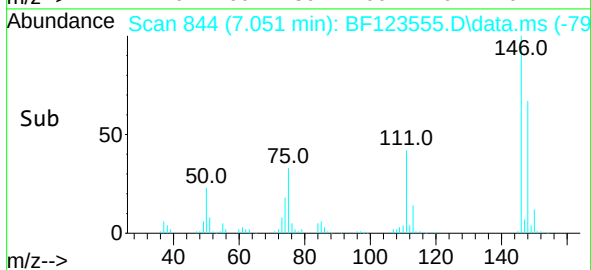
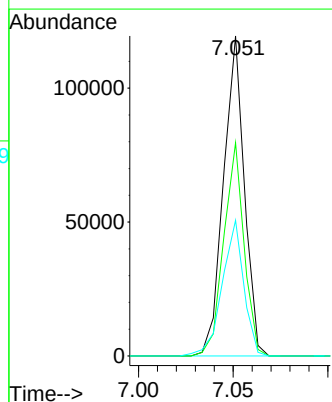
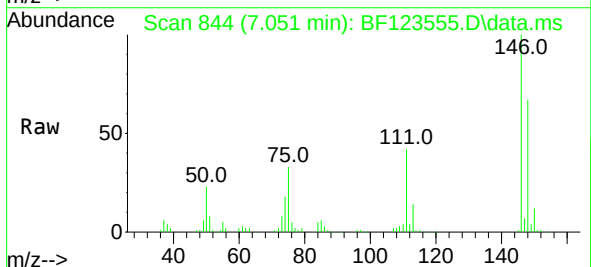
Instrument :  
BNA\_M  
ClientSampleId :

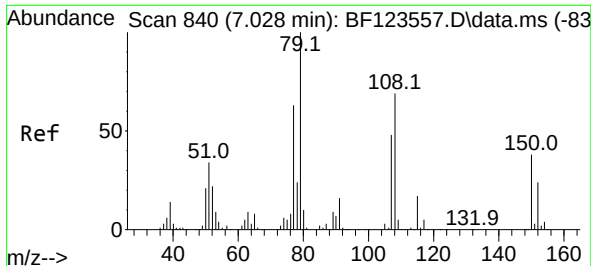
Tgt Ion:146 Resp: 94692  
Ion Ratio Lower Upper  
146 100  
148 62.7 52.0 78.0  
111 40.6 32.3 48.5



#14  
1,2-Dichlorobenzene  
Concen: 10.27 ng  
RT: 7.051 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:146 Resp: 91502  
Ion Ratio Lower Upper  
146 100  
148 66.6 51.5 77.3  
111 42.4 34.2 51.2





#15

Benzyl Alcohol

Concen: 9.76 ng

RT: 7.016 min Scan# 838

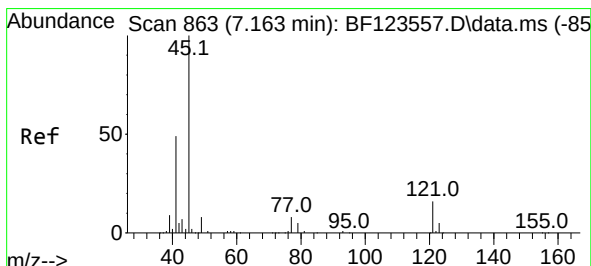
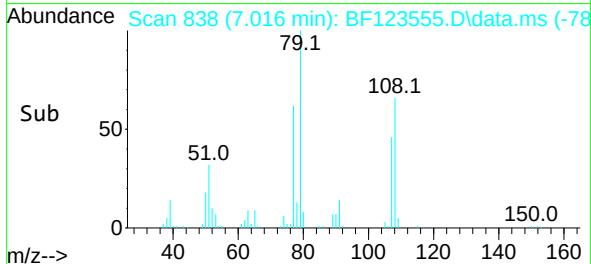
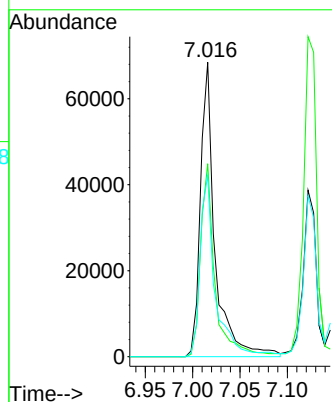
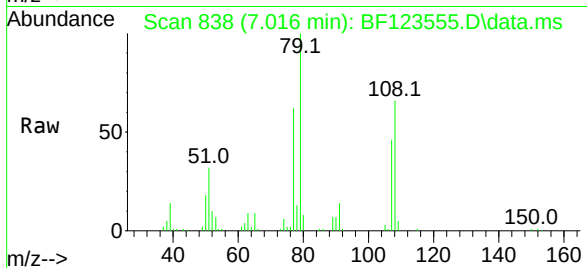
Delta R.T. -0.012 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

Tgt Ion: 79 Resp: 73656

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 65.6  | 62.4  | 93.6  |
| 77  | 61.6  | 49.0  | 73.6  |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.79 ng

RT: 7.151 min Scan# 861

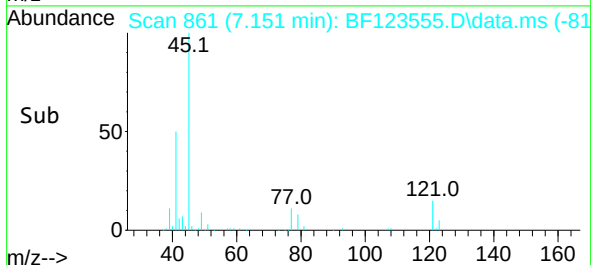
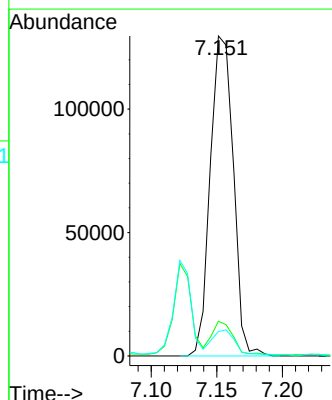
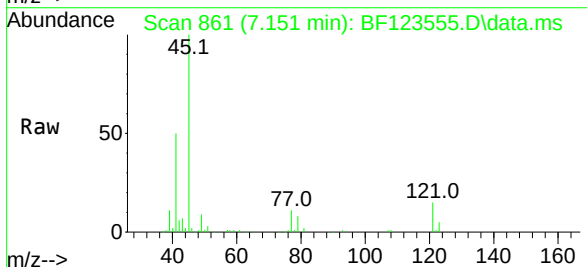
Delta R.T. -0.012 min

Lab File: BF123555.D

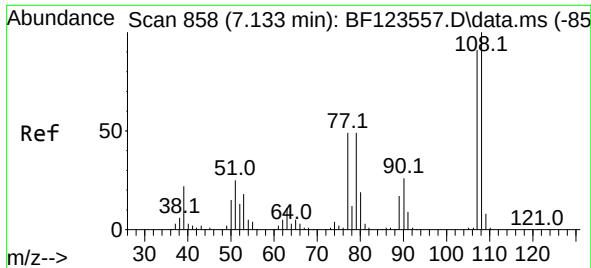
Acq: 2 Apr 2021 11:09

Tgt Ion: 45 Resp: 158468

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 10.9  | 0.0   | 35.6  |
| 79  | 7.7   | 0.0   | 32.4  |



Instrument :  
BNA\_M  
ClientSampleId :

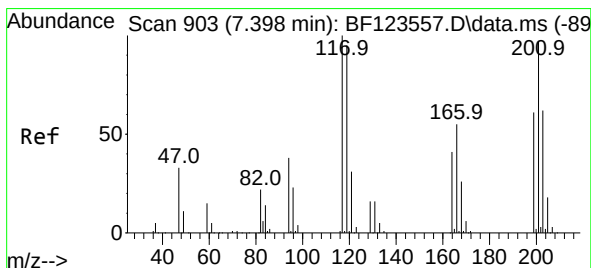
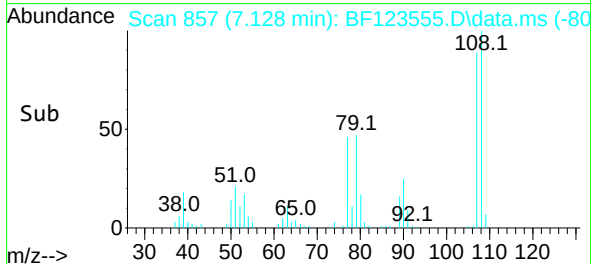
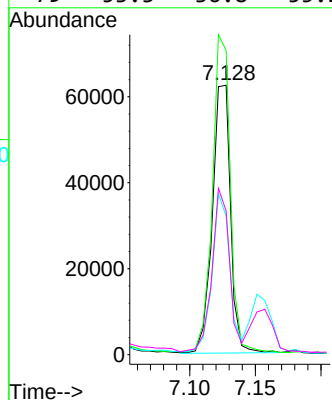
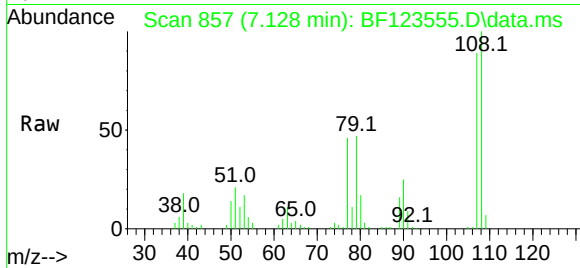


#17  
2-Methylphenol  
Concen: 9.33 ng  
RT: 7.128 min Scan# 857  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:107 Resp: 60360

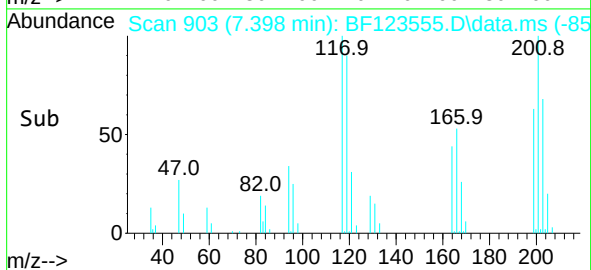
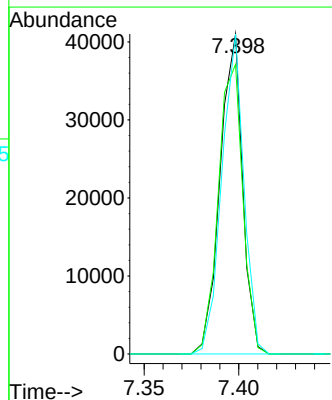
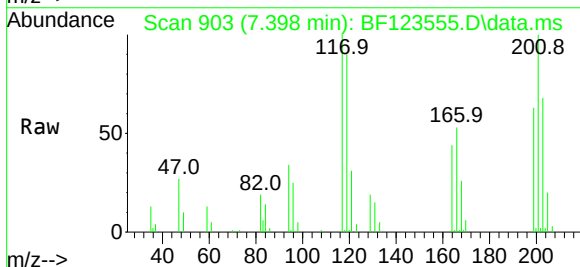
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.9 | 91.1  | 136.7 |
| 77  | 51.4  | 36.3  | 54.5  |
| 79  | 53.3  | 36.8  | 55.2  |

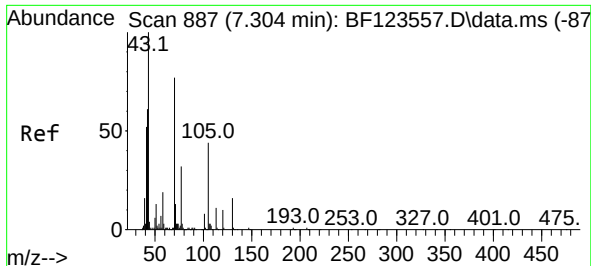


#18  
Hexachloroethane  
Concen: 9.85 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:117 Resp: 33872

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 90.5  | 78.4  | 117.6 |
| 201 | 100.0 | 79.6  | 119.4 |

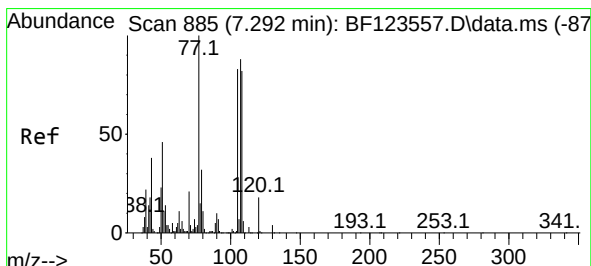
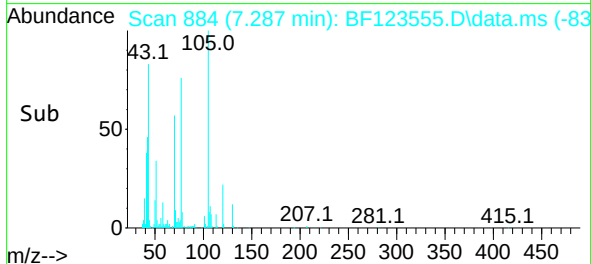
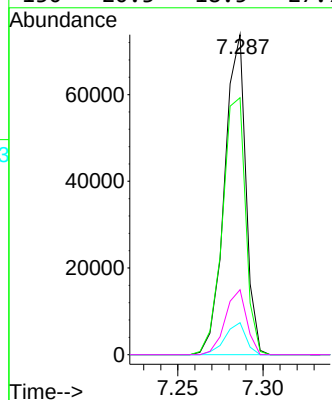
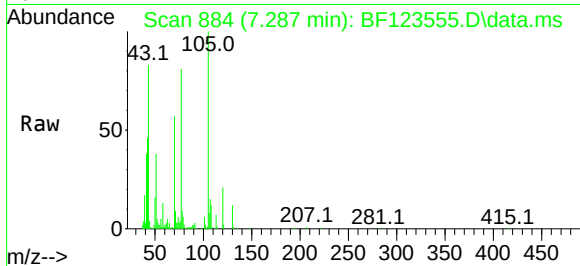




#19  
n-Nitroso-di-n-propylamine  
Concen: 9.85 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.018 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

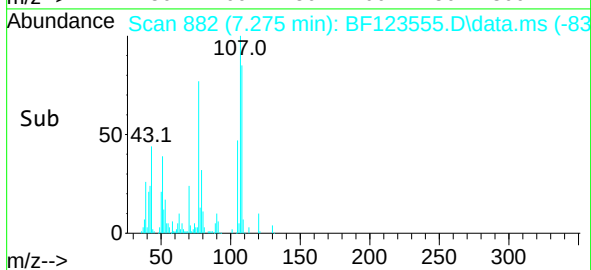
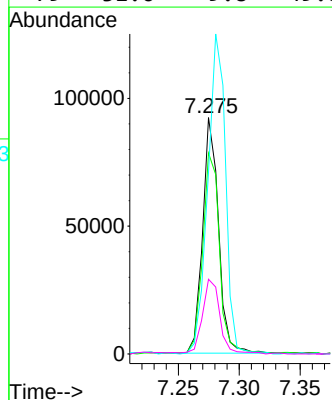
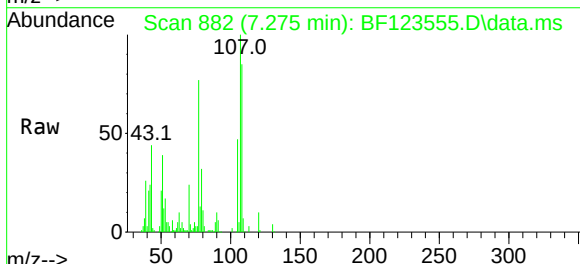
Instrument :  
BNA\_M  
ClientSampleId :

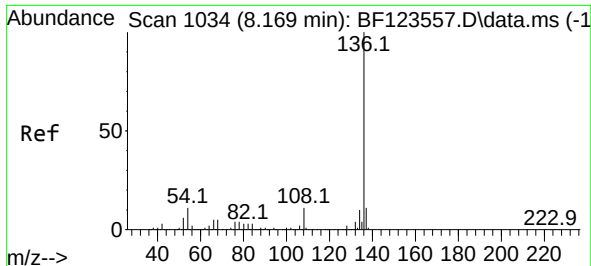
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 63958 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 80.3  | 43.0  | 64.4# |
| 101      | 10.0  | 7.9   | 11.9  |
| 130      | 20.3  | 18.5  | 27.7  |



#20  
3+4-Methylphenols  
Concen: 10.02 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.018 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 83739  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.1  | 68.7  | 108.7  |
| 77       | 76.9  | 89.8  | 129.8# |
| 79       | 31.6  | 9.8   | 49.8   |

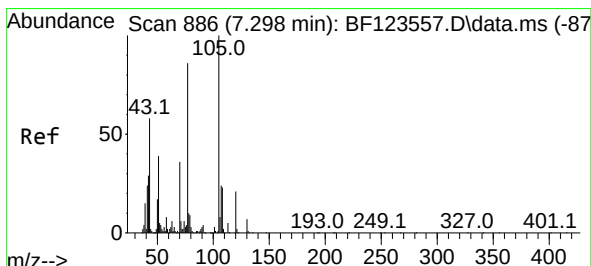
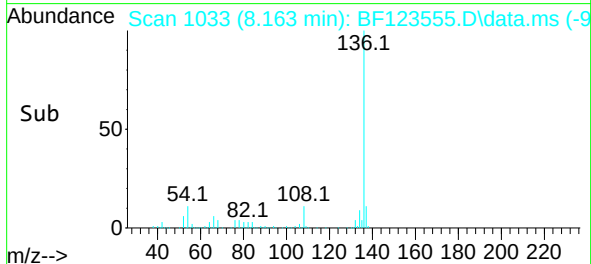
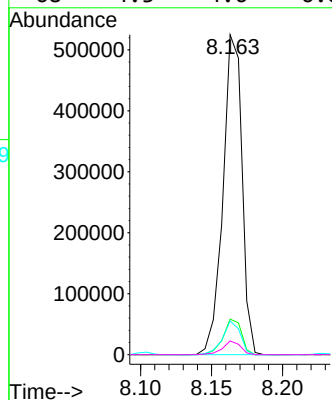
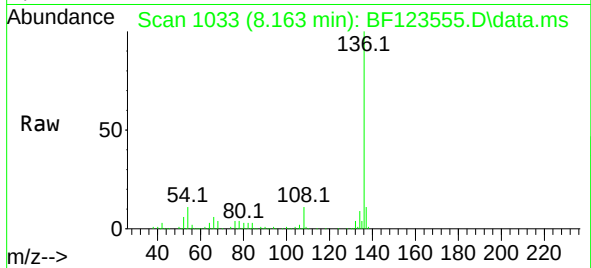




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

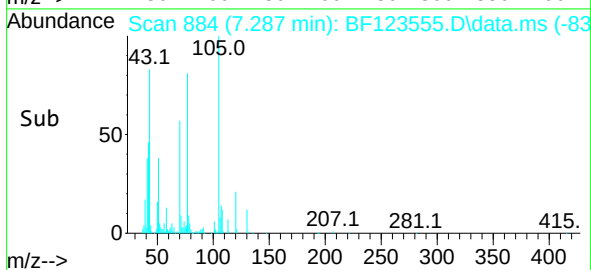
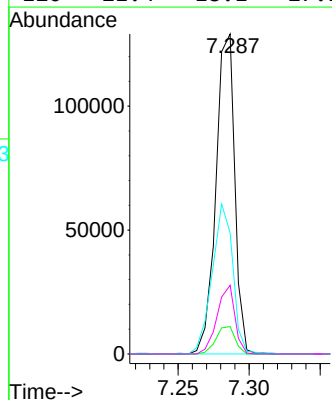
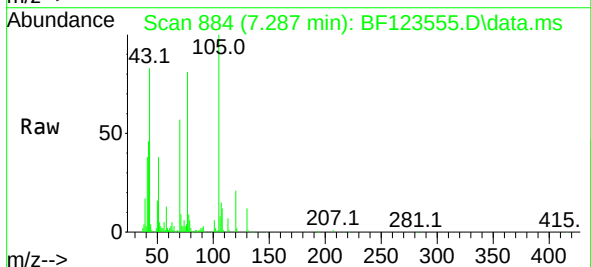
Instrument :  
BNA\_M  
ClientSampleId :

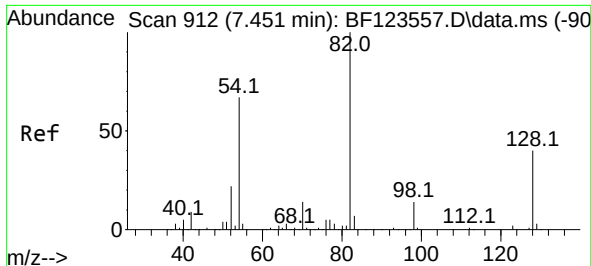
Tgt Ion:136 Resp: 488276  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 10.5 5.5 8.3#  
68 4.3 4.6 6.8#



#22  
Acetophenone  
Concen: 9.71 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:105 Resp: 119068  
Ion Ratio Lower Upper  
105 100  
71 8.5 6.5 9.7  
51 37.8 24.3 36.5#  
120 21.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 19.73 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

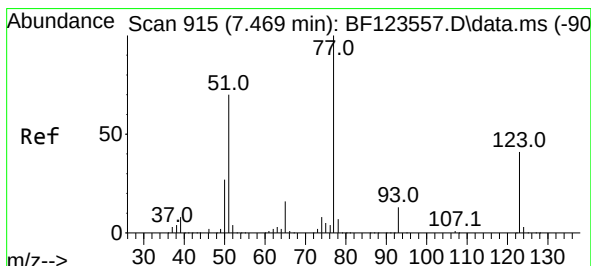
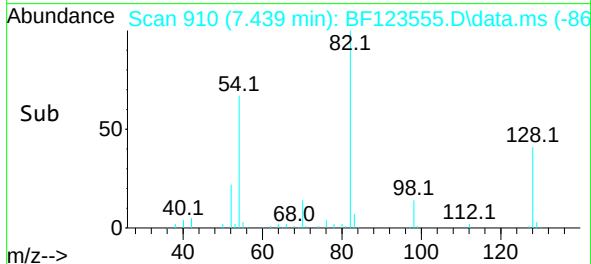
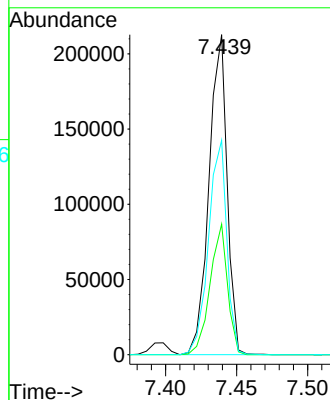
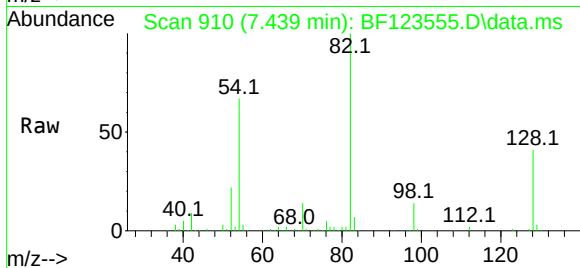
Tgt Ion: 82 Resp: 188769

Ion Ratio Lower Upper

82 100

128 40.8 37.0 55.4

54 67.0 38.4 57.6#



#24

Nitrobenzene

Concen: 9.58 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

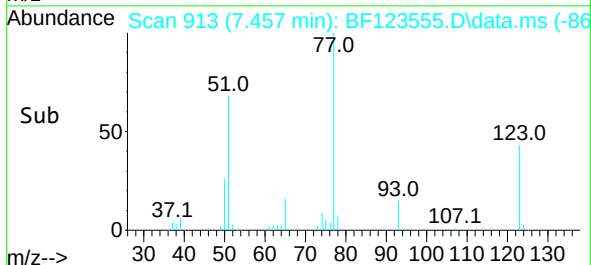
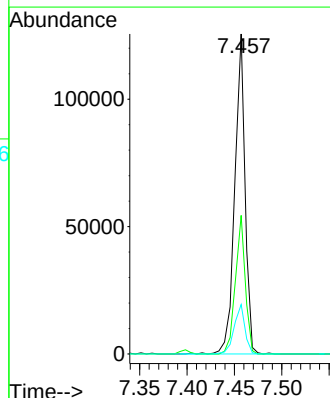
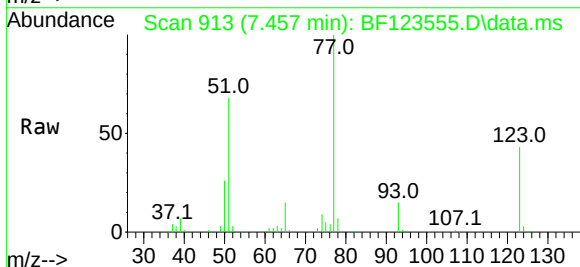
Tgt Ion: 77 Resp: 95142

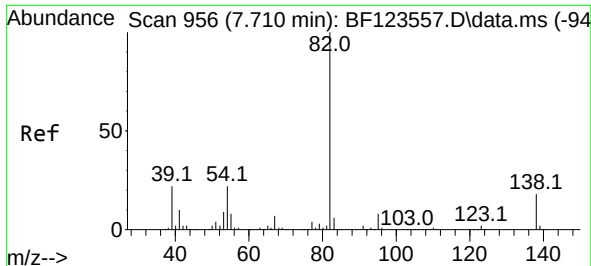
Ion Ratio Lower Upper

77 100

123 43.3 39.3 58.9

65 15.4 10.6 15.8

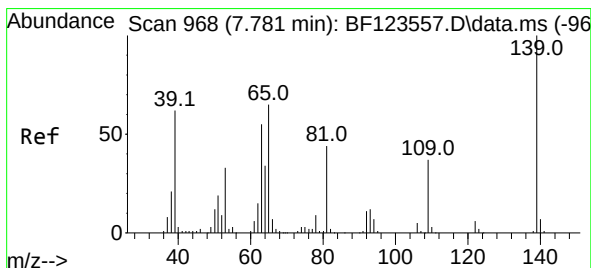
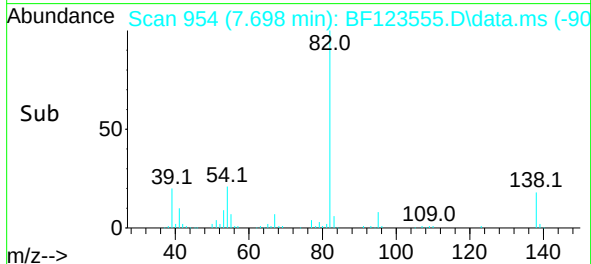
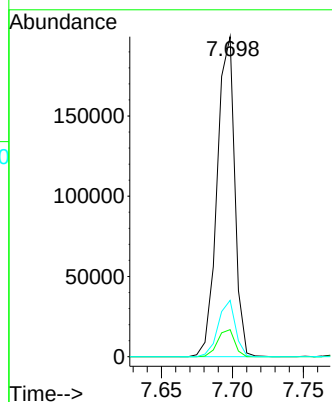
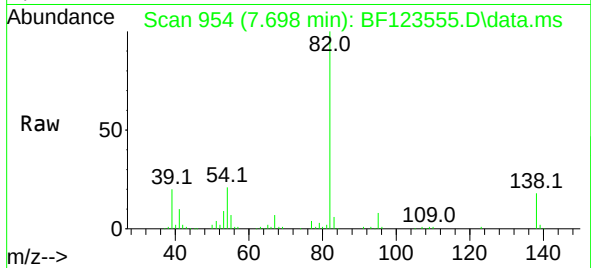




#25  
Isophorone  
Concen: 9.57 ng  
RT: 7.698 min Scan# 954  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

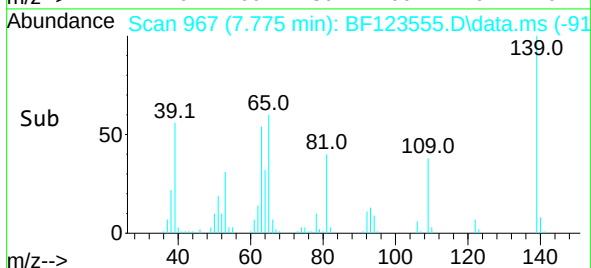
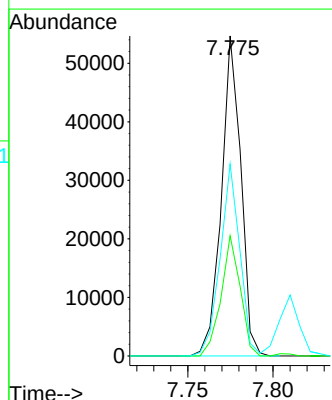
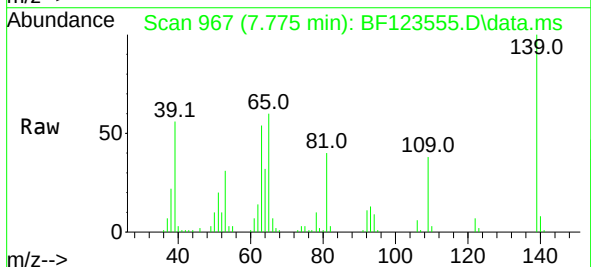
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion: 82 Resp: 171133  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.8 8.6  
138 17.6 14.6 21.8

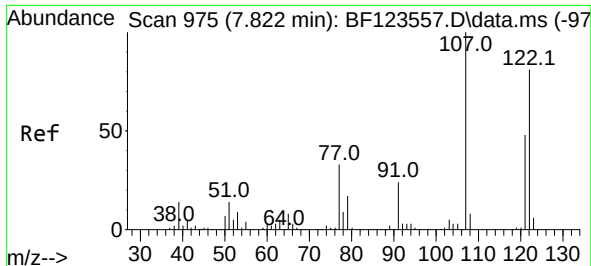


#26  
2-Nitrophenol  
Concen: 9.64 ng  
RT: 7.775 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:139 Resp: 43384  
Ion Ratio Lower Upper  
139 100  
109 37.5 24.0 36.0#  
65 60.0 40.9 61.3







#27

2,4-Dimethylphenol

Concen: 9.38 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

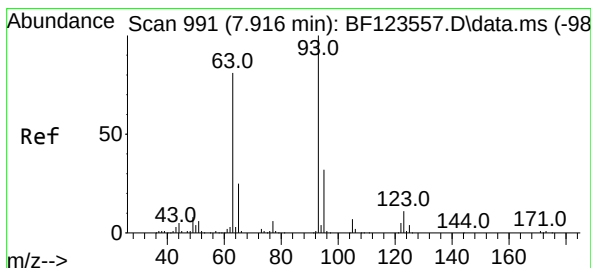
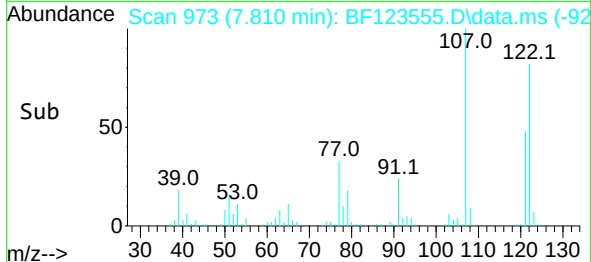
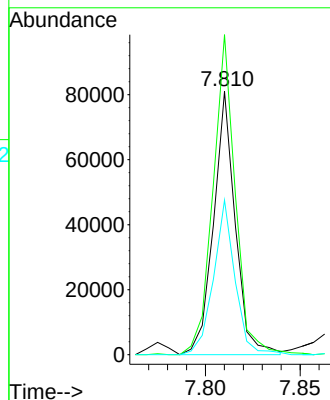
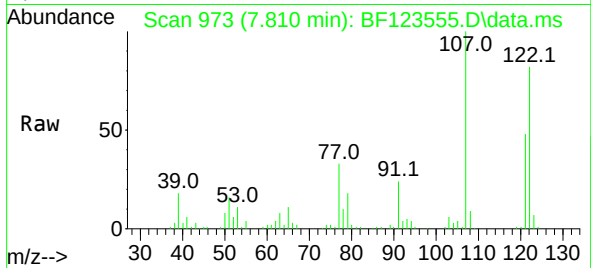
Tgt Ion:122 Resp: 64842

Ion Ratio Lower Upper

122 100

107 121.5 91.8 137.8

121 58.7 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 9.52 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

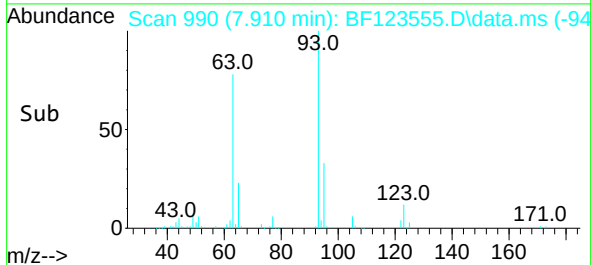
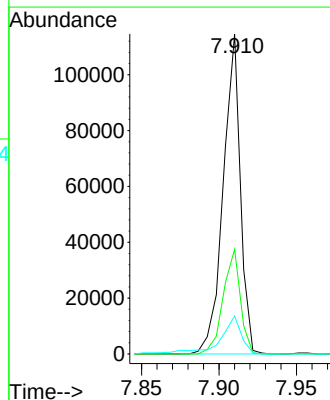
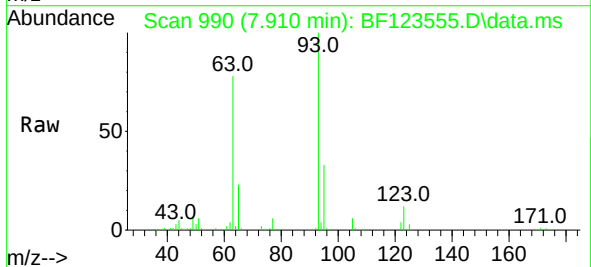
Tgt Ion: 93 Resp: 87943

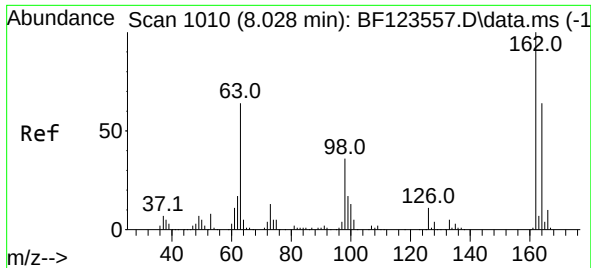
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.9 9.2 13.8

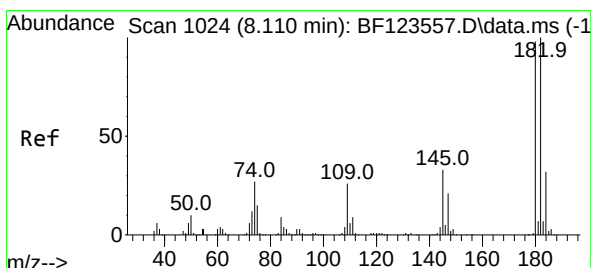
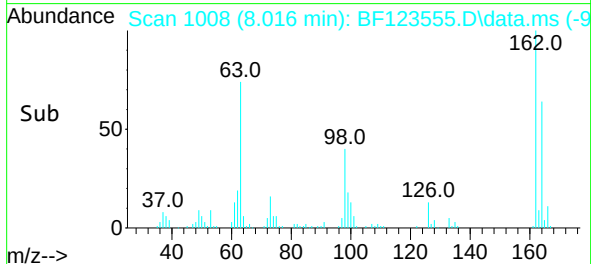
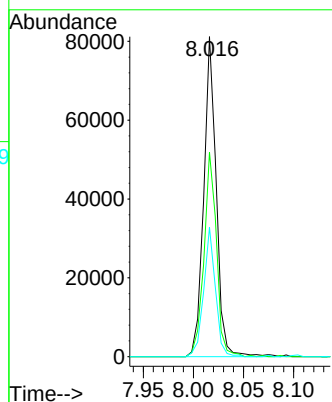
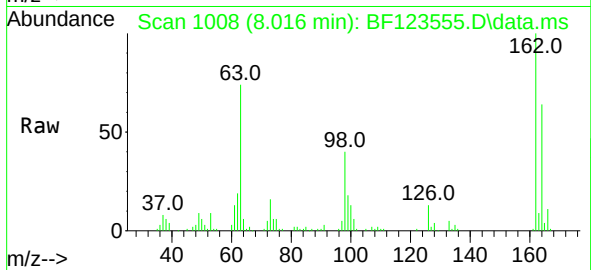




#29  
2,4-Dichlorophenol  
Concen: 9.43 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

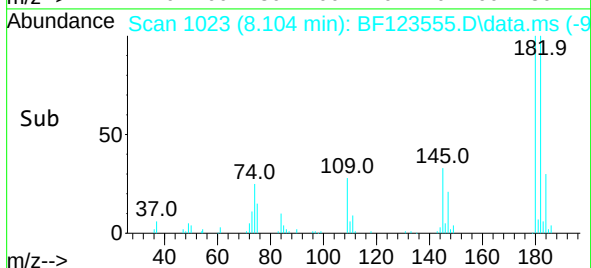
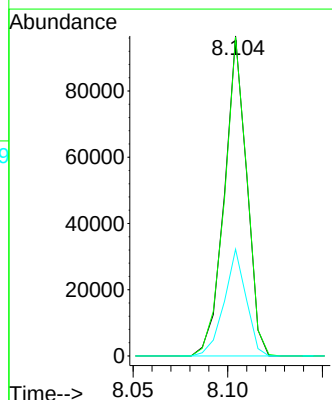
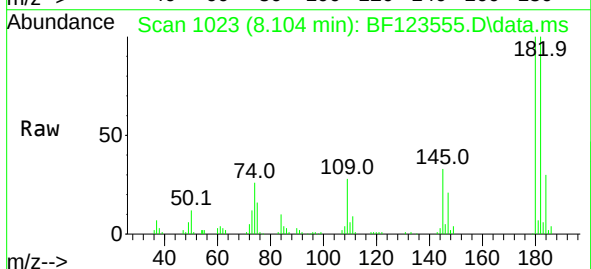
Instrument :  
BNA\_M  
ClientSampled :

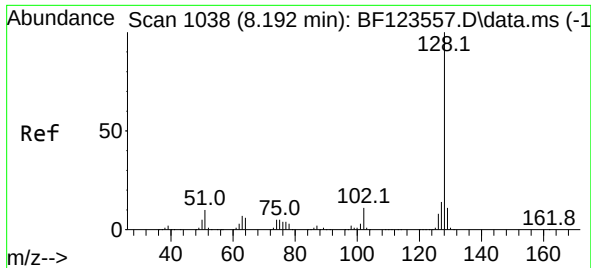
Tgt Ion:162 Resp: 70958  
Ion Ratio Lower Upper  
162 100  
164 63.9 43.2 83.2  
98 40.4 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 9.87 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:180 Resp: 78740  
Ion Ratio Lower Upper  
180 100  
182 99.7 75.7 113.5  
145 33.4 25.0 37.4

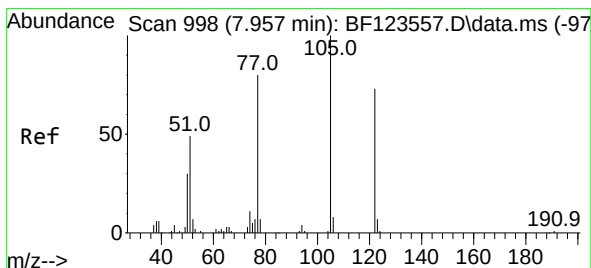
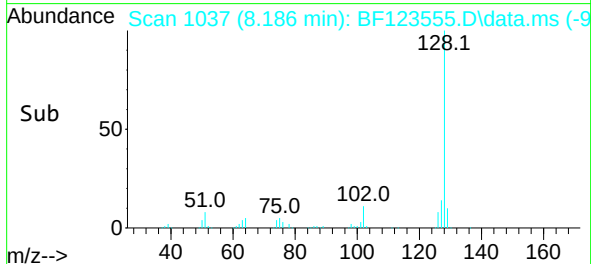
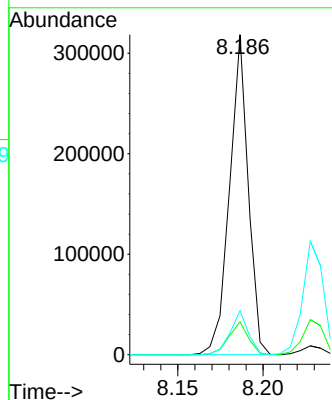
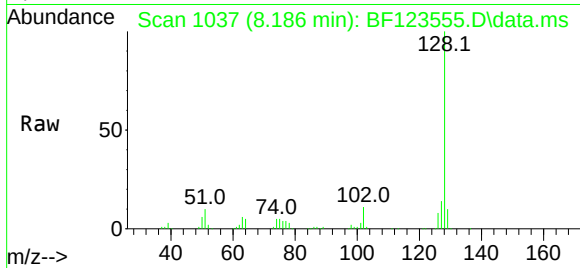




#31  
Naphthalene  
Concen: 9.97 ng  
RT: 8.186 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

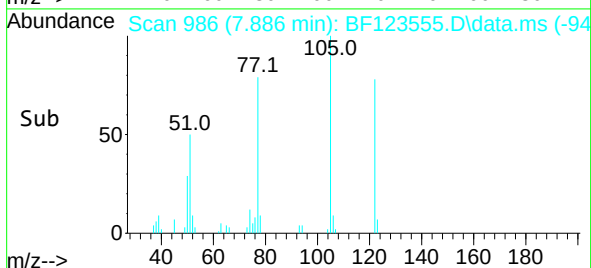
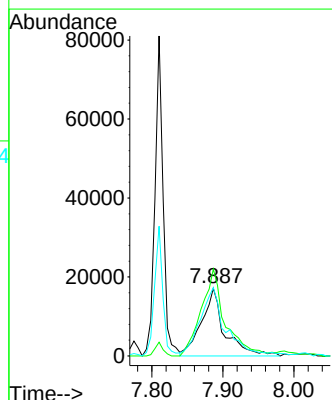
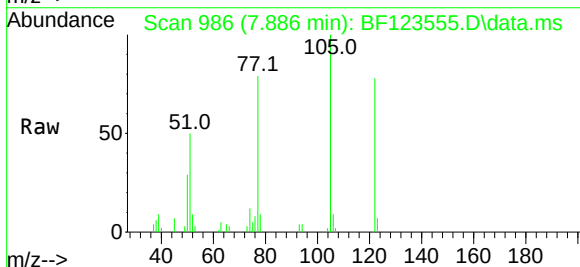
Instrument :  
BNA\_M  
ClientSampleId :

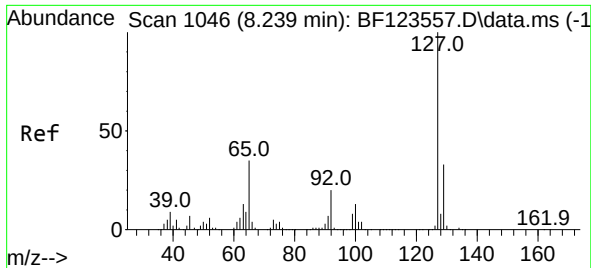
Tgt Ion:128 Resp: 242056  
Ion Ratio Lower Upper  
128 100  
129 10.3 9.0 13.6  
127 13.7 10.7 16.1



#32  
Benzoic acid  
Concen: 8.59 ng  
RT: 7.886 min Scan# 986  
Delta R.T. -0.070 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:122 Resp: 38823  
Ion Ratio Lower Upper  
122 100  
105 128.5 104.8 144.8  
77 101.2 71.0 111.0

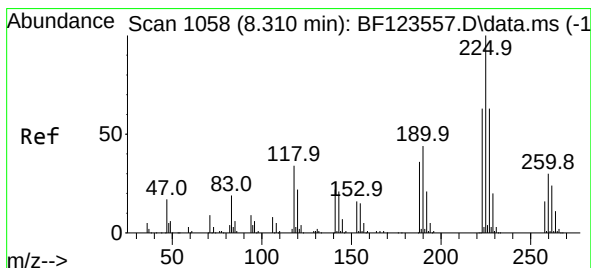
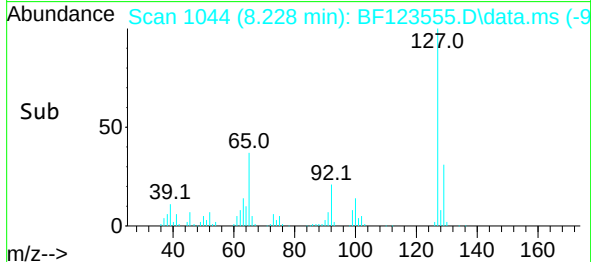
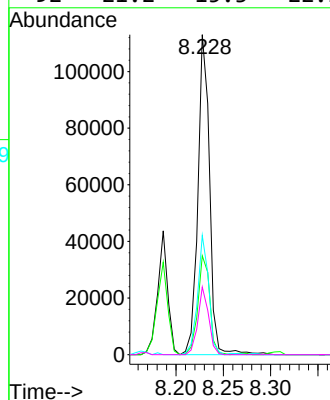
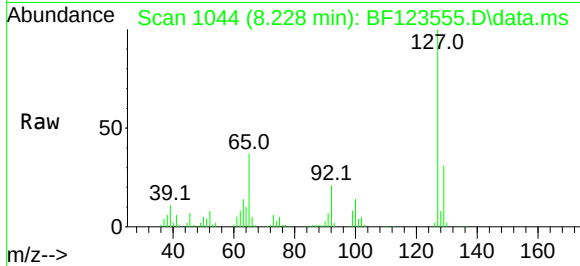




#33  
4-Chloroaniline  
Concen: 10.01 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

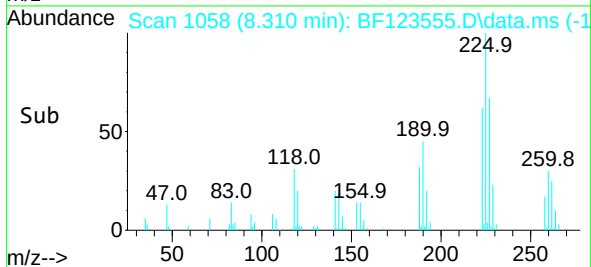
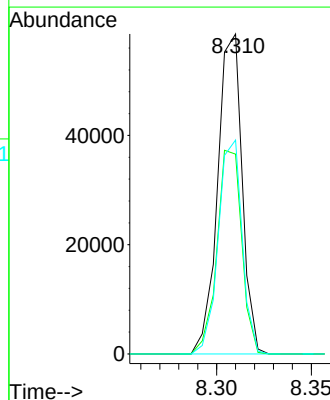
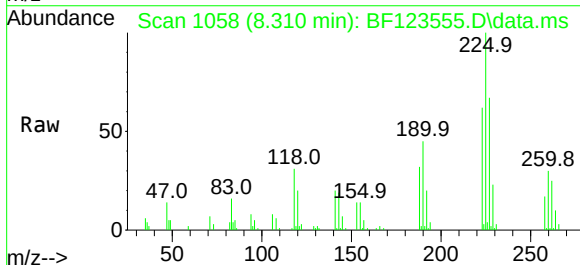
Instrument :  
BNA\_M  
ClientSampleId :

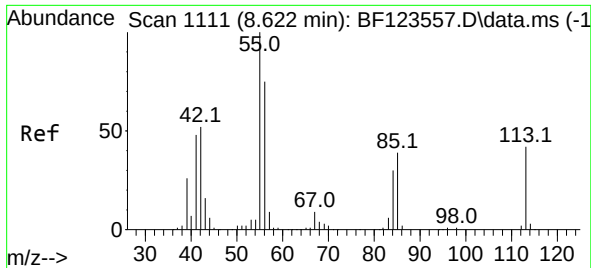
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 97477 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.9  | 26.2  | 39.2  |
| 65       | 37.3  | 22.2  | 33.2# |
| 92       | 21.2  | 15.3  | 22.9  |



#34  
Hexachlorobutadiene  
Concen: 9.32 ng  
RT: 8.310 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 52665 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.5  | 50.7  | 76.1  |
| 227      | 66.9  | 51.7  | 77.5  |

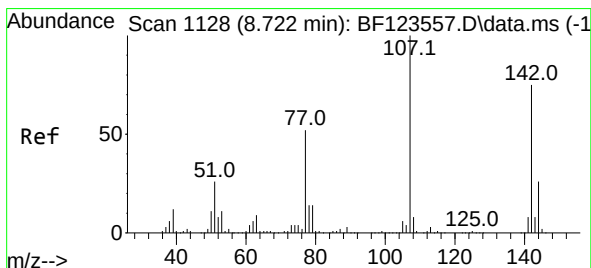
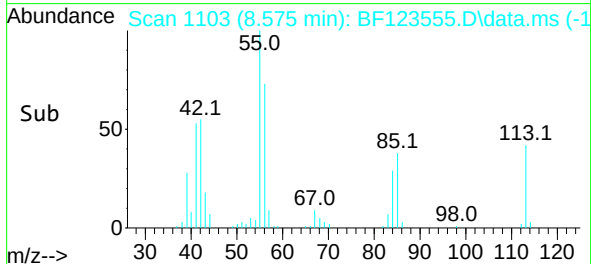
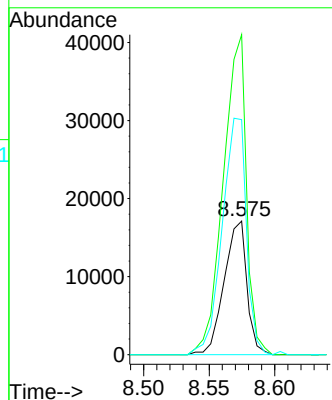
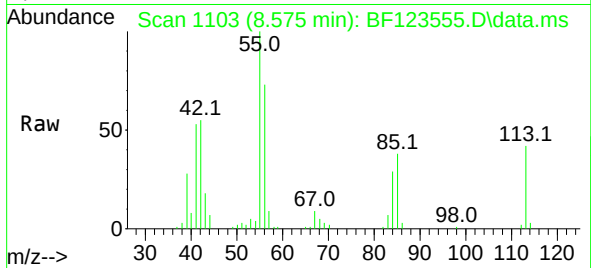




#35  
 Caprolactam  
 Concen: 9.50 ng  
 RT: 8.575 min Scan# 1103  
 Delta R.T. -0.047 min  
 Lab File: BF123555.D  
 Acq: 2 Apr 2021 11:09

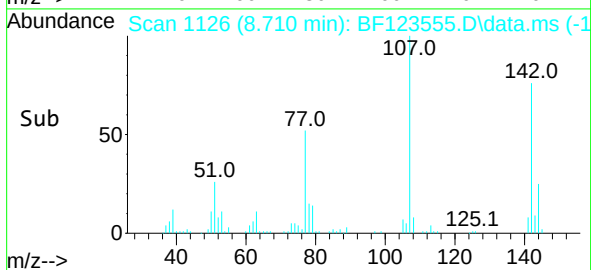
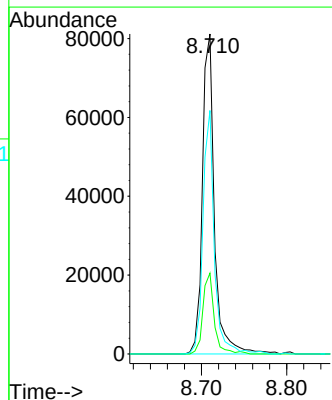
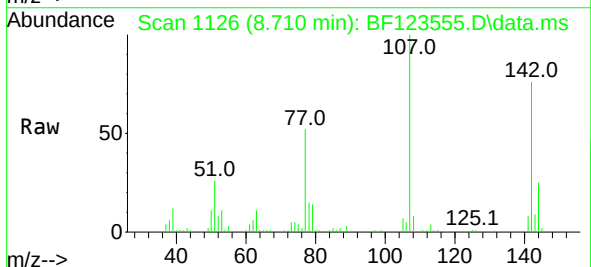
Instrument :  
 BNA\_M  
 ClientSampleId :

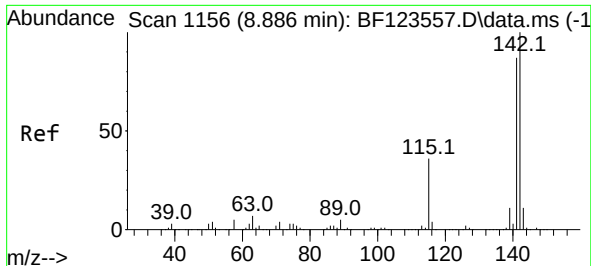
Tgt Ion:113 Resp: 20655  
 Ion Ratio Lower Upper  
 113 100  
 55 239.6 133.7 173.7#  
 56 176.0 95.3 135.3#



#36  
 4-Chloro-3-methylphenol  
 Concen: 9.63 ng  
 RT: 8.710 min Scan# 1126  
 Delta R.T. -0.012 min  
 Lab File: BF123555.D  
 Acq: 2 Apr 2021 11:09

Tgt Ion:107 Resp: 79722  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 20.2 30.2  
 142 76.1 64.4 96.6

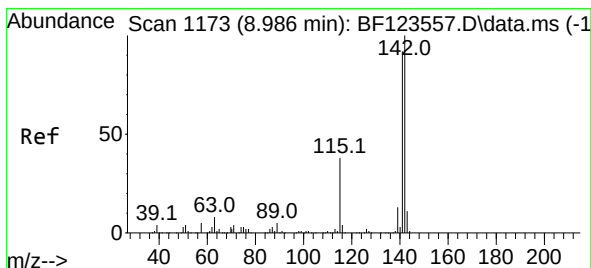
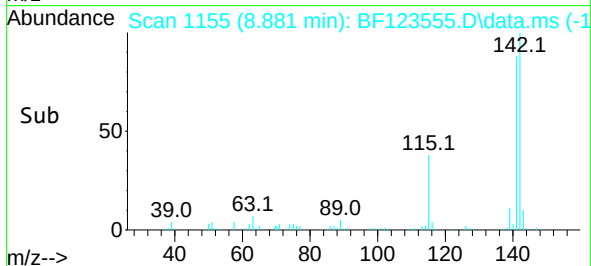
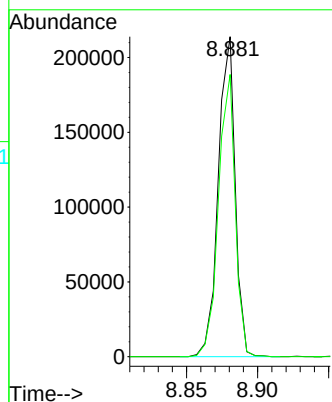
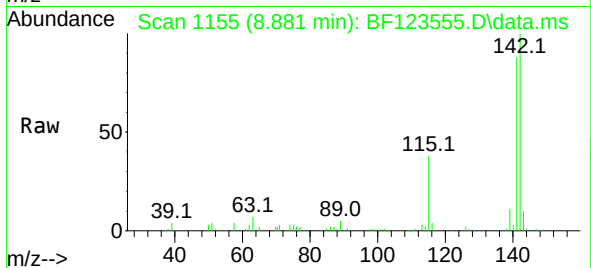




#37  
2-Methylnaphthalene  
Concen: 10.07 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

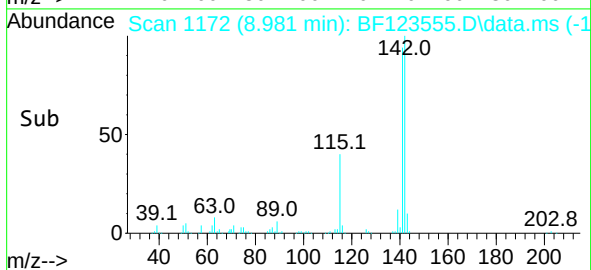
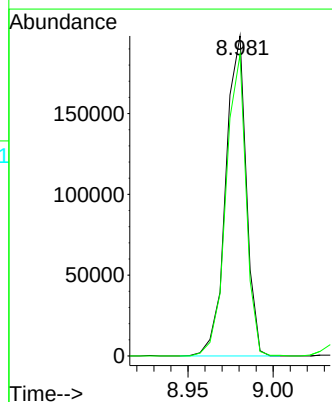
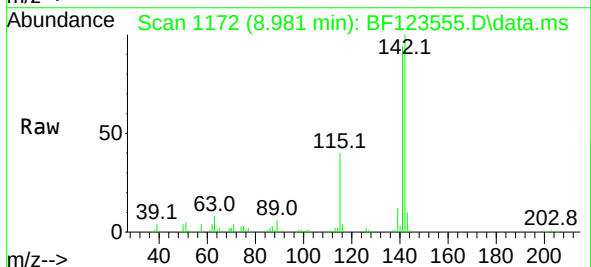
Instrument :  
BNA\_M  
ClientSampleId :

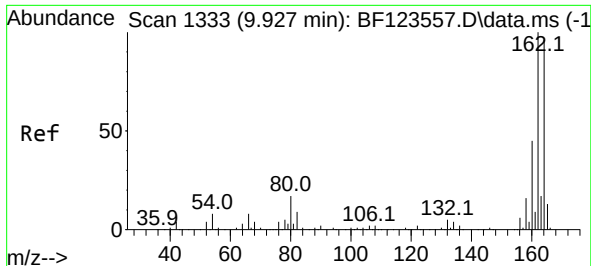
Tgt Ion:142 Resp: 176078  
Ion Ratio Lower Upper  
142 100  
141 88.2 70.6 106.0



#38  
1-Methylnaphthalene  
Concen: 10.17 ng  
RT: 8.981 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

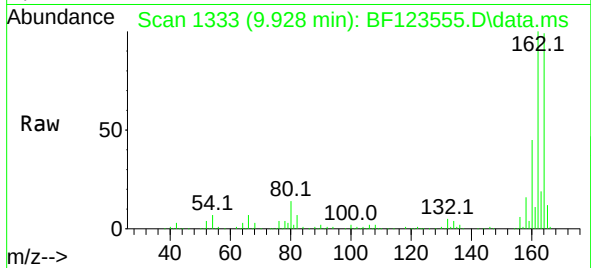
Tgt Ion:142 Resp: 165249  
Ion Ratio Lower Upper  
142 100  
141 94.2 74.5 111.7



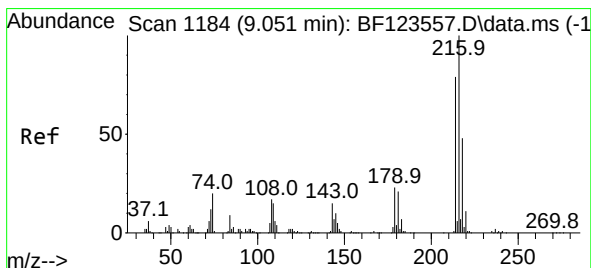
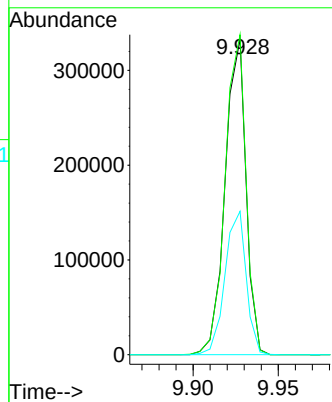
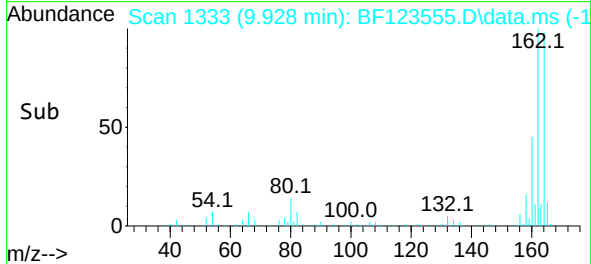


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

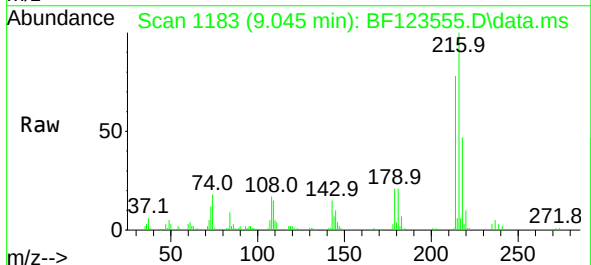
Instrument :  
BNA\_M  
ClientSampleId :



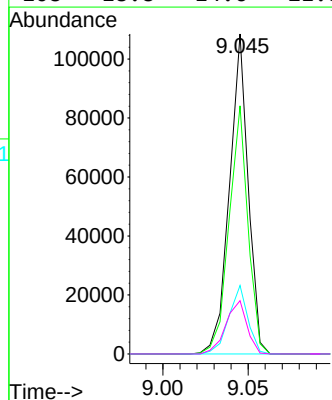
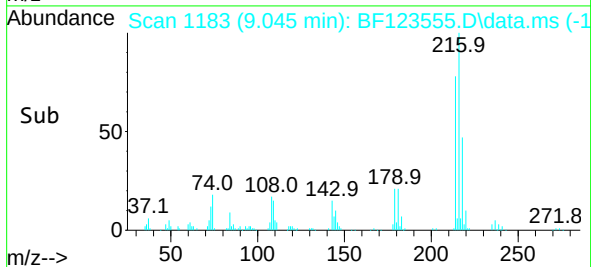
Tgt Ion:164 Resp: 283526  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.8 121.2  
160 45.5 35.4 53.0

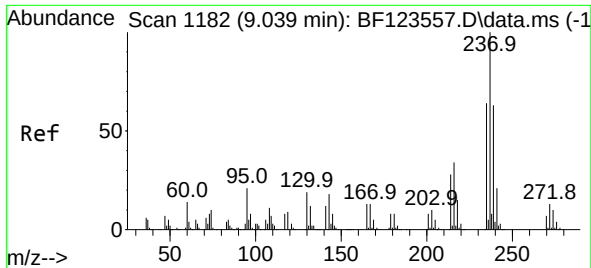


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 9.79 ng  
RT: 9.045 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09



Tgt Ion:216 Resp: 82726  
Ion Ratio Lower Upper  
216 100  
214 78.2 63.1 94.7  
179 22.0 17.1 25.7  
108 18.8 14.6 21.8

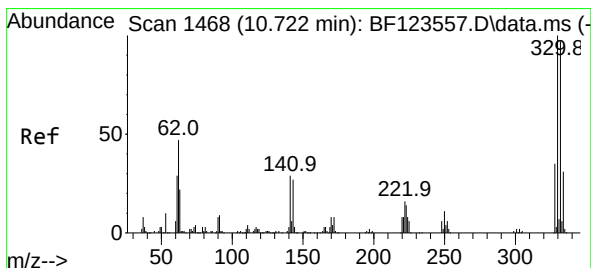
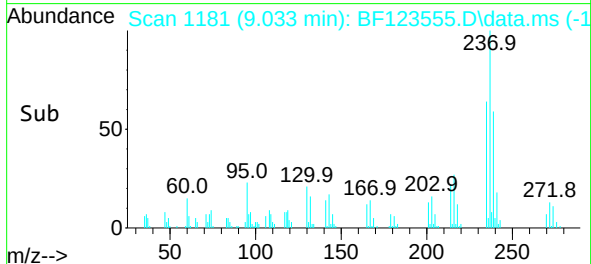
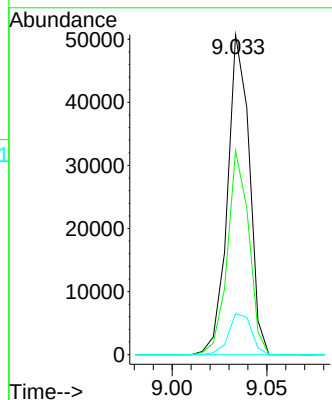
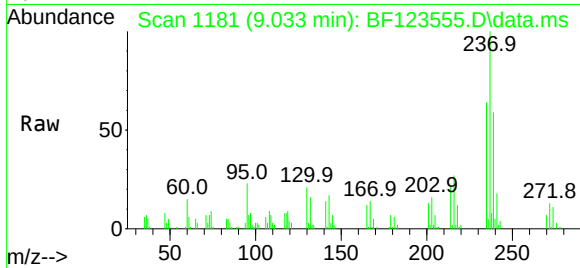




#41  
Hexachlorocyclopentadiene  
Concen: 8.76 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

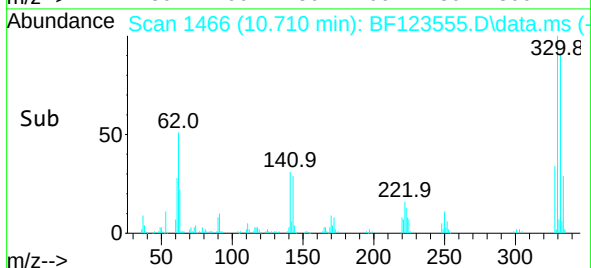
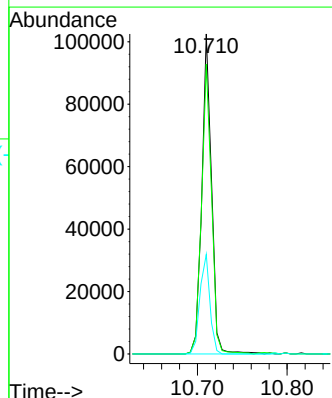
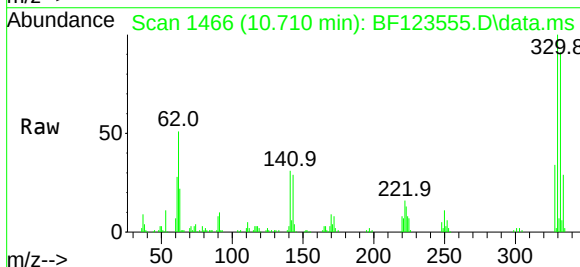
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:237 Resp: 40523  
Ion Ratio Lower Upper  
237 100  
235 63.7 40.9 80.9  
272 12.8 0.0 33.4

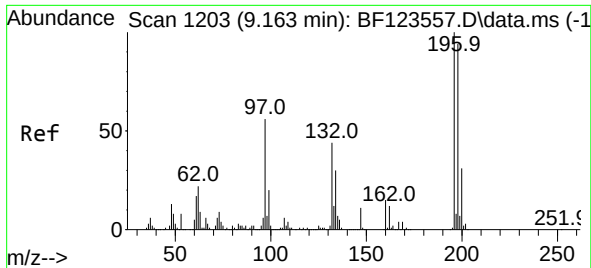


#42  
2,4,6-Tribromophenol  
Concen: 19.83 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:330 Resp: 77032  
Ion Ratio Lower Upper  
330 100  
332 92.8 77.5 116.3  
141 31.9 23.8 35.8



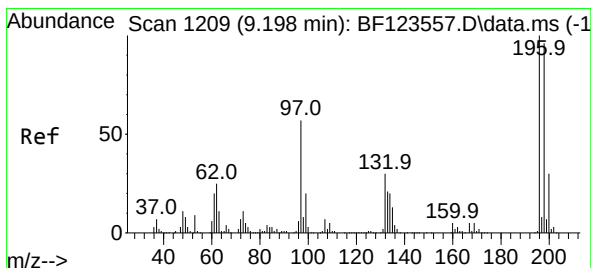
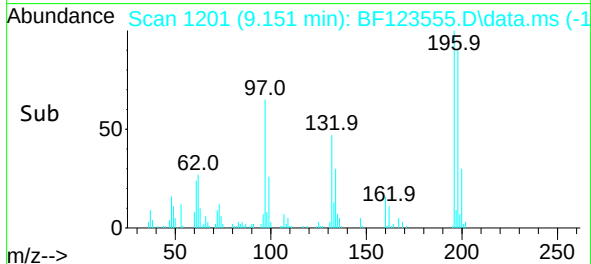
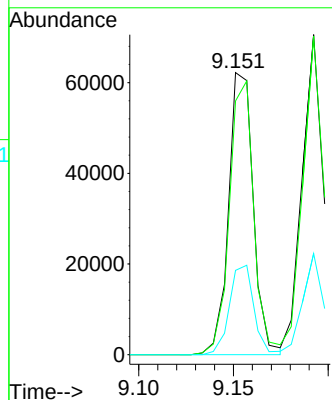
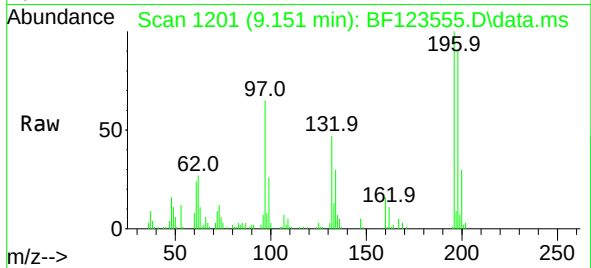




#43  
2,4,6-Trichlorophenol  
Concen: 9.56 ng  
RT: 9.151 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

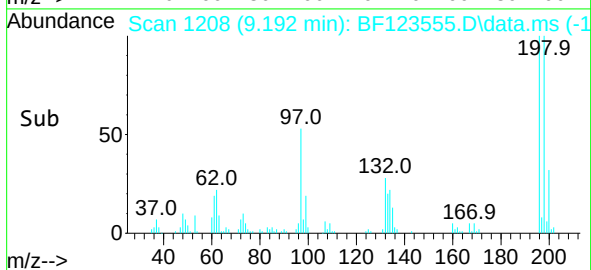
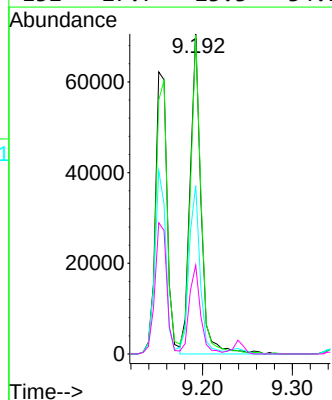
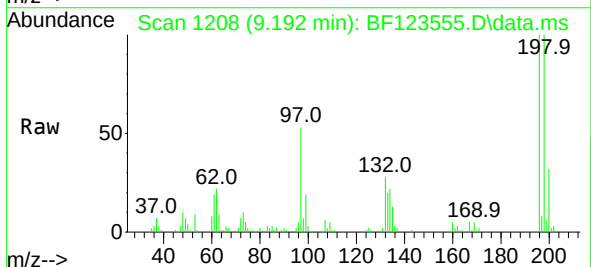
Instrument :  
BNA\_M  
ClientSampleId :

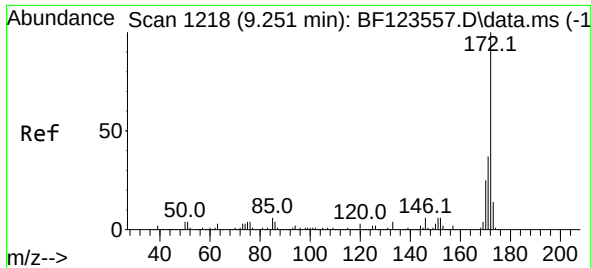
Tgt Ion:196 Resp: 56464  
Ion Ratio Lower Upper  
196 100  
198 90.0 75.1 112.7  
200 29.9 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 9.41 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:196 Resp: 59613  
Ion Ratio Lower Upper  
196 100  
198 99.6 76.5 114.7  
97 52.6 40.1 60.1  
132 27.7 23.3 34.9

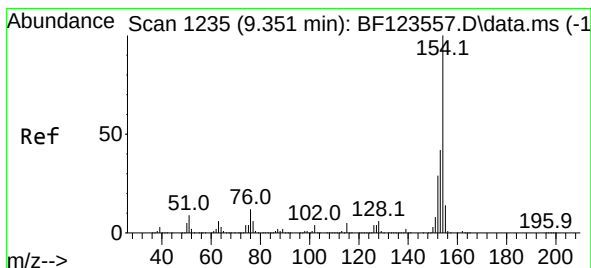
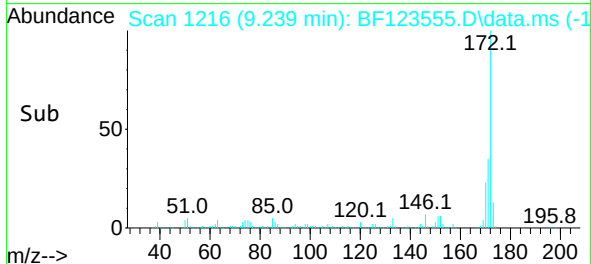
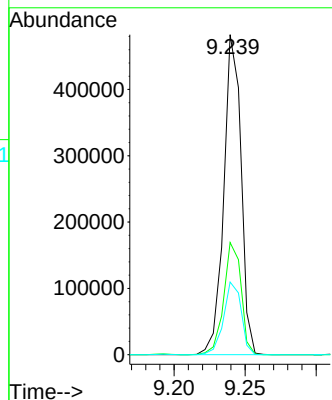
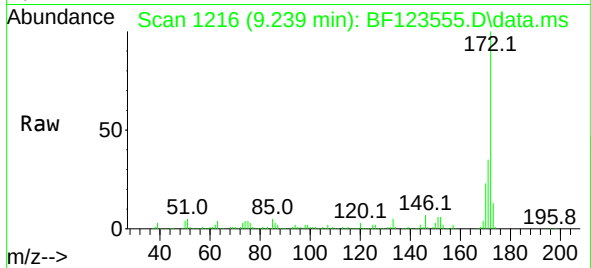




#45  
2-Fluorobiphenyl  
Concen: 19.90 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

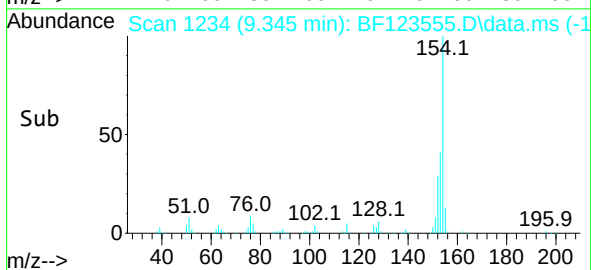
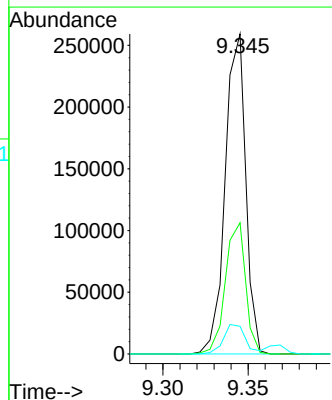
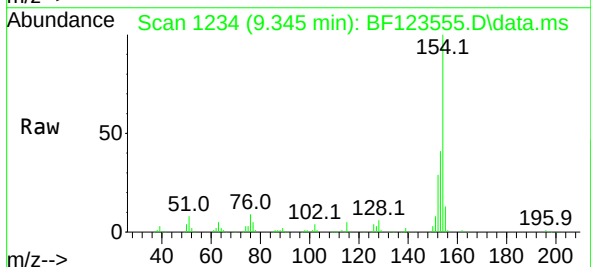
Instrument :  
BNA\_M  
ClientSampleId :

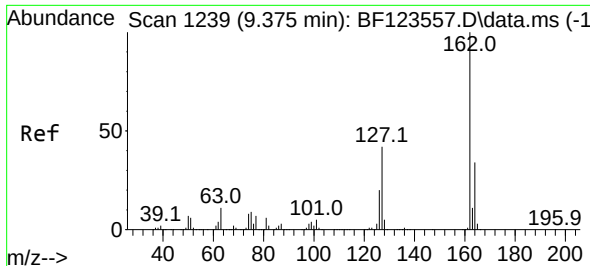
Tgt Ion:172 Resp: 407185  
Ion Ratio Lower Upper  
172 100  
171 35.0 29.6 44.4  
170 22.7 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 9.95 ng  
RT: 9.345 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:154 Resp: 216915  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.8 61.8  
76 8.7 0.0 33.4

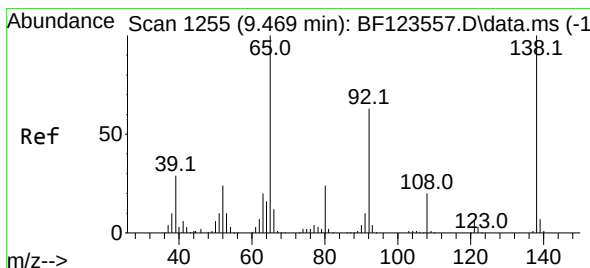
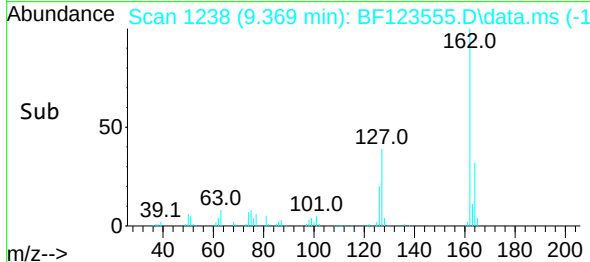
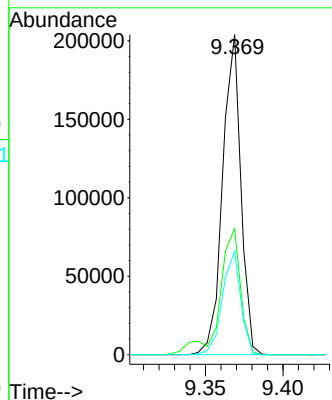
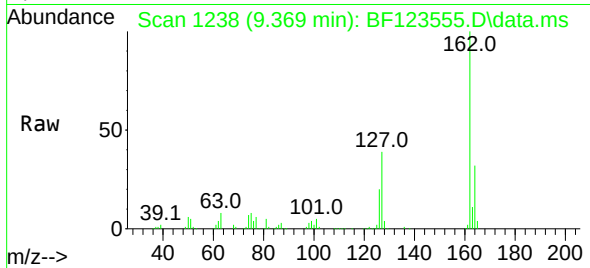




#47  
2-Chloronaphthalene  
Concen: 9.83 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

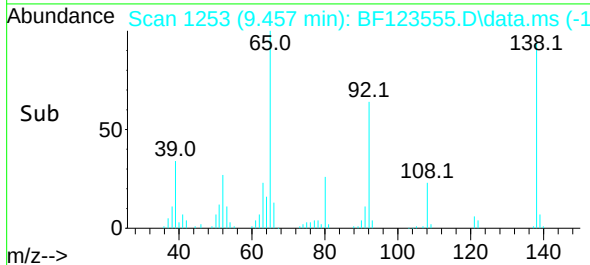
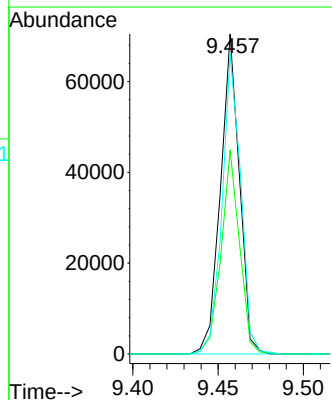
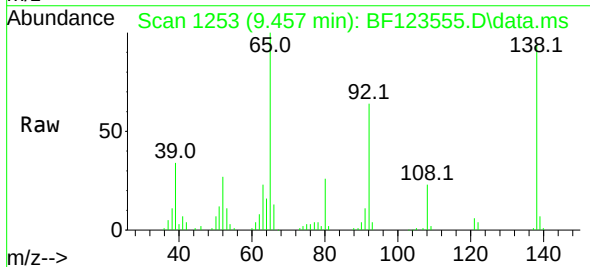
Instrument :  
BNA\_M  
ClientSampleId :

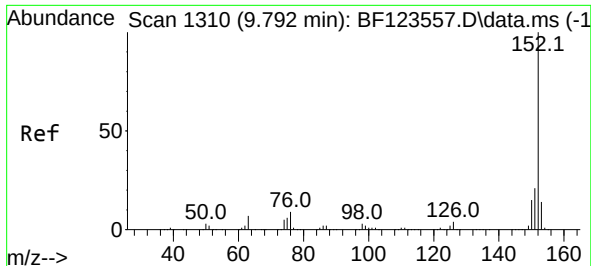
Tgt Ion:162 Resp: 166752  
Ion Ratio Lower Upper  
162 100  
127 39.4 33.8 50.8  
164 32.4 26.5 39.7



#48  
2-Nitroaniline  
Concen: 9.57 ng  
RT: 9.457 min Scan# 1253  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion: 65 Resp: 54342  
Ion Ratio Lower Upper  
65 100  
92 63.7 60.0 90.0  
138 93.9 100.6 151.0#





#49

Acenaphthylene

Concen: 10.04 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

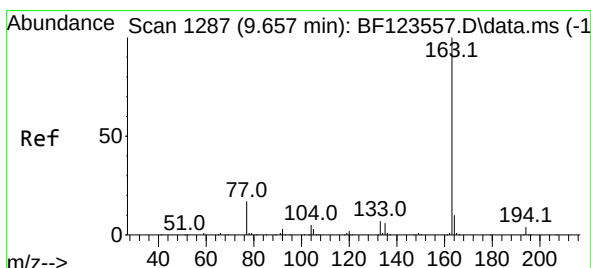
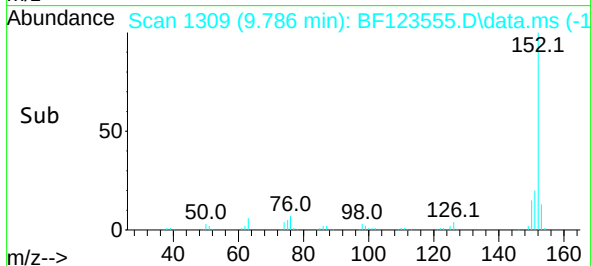
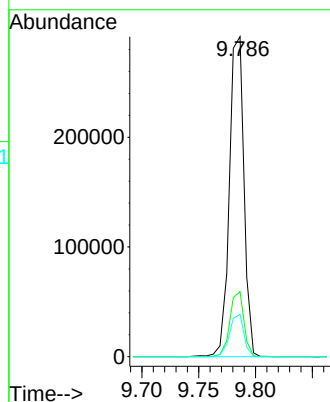
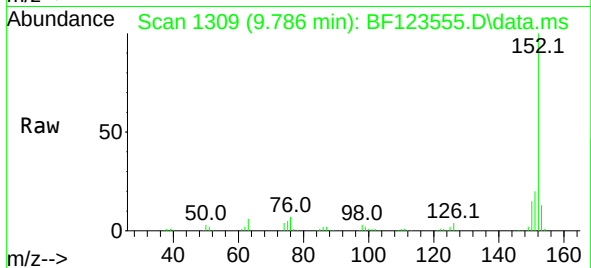
Tgt Ion:152 Resp: 261009

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0

153 13.3 10.9 16.3



#50

Dimethylphthalate

Concen: 9.91 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.018 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

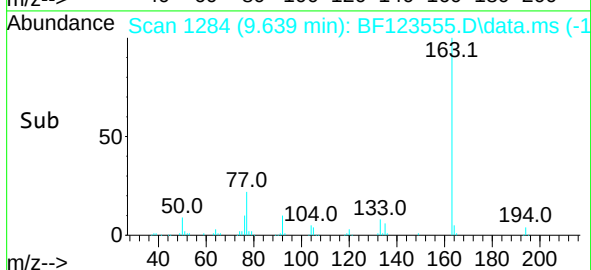
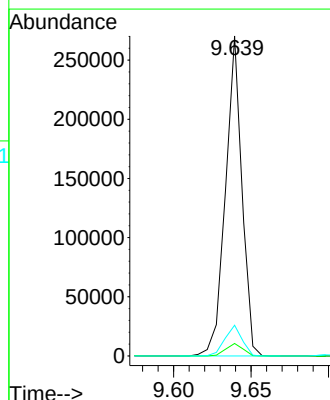
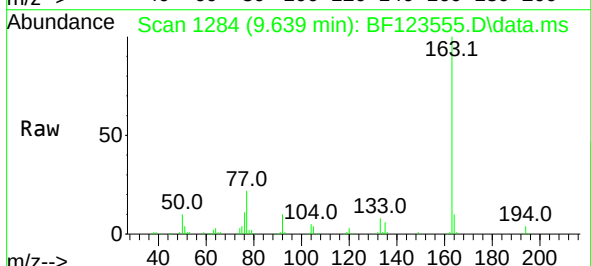
Tgt Ion:163 Resp: 199310

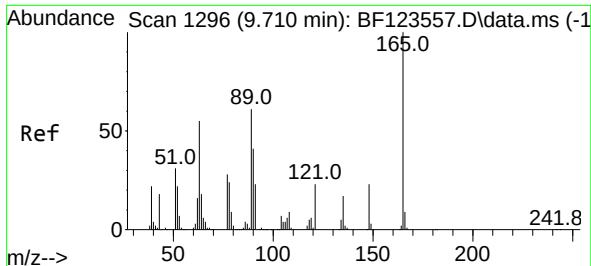
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.6 8.1 12.1

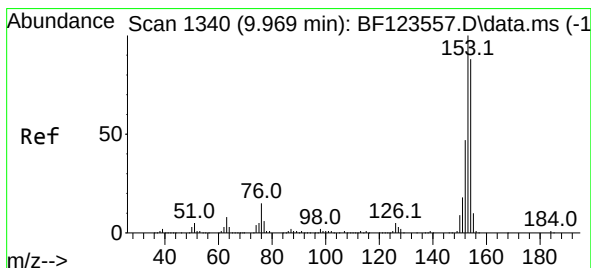
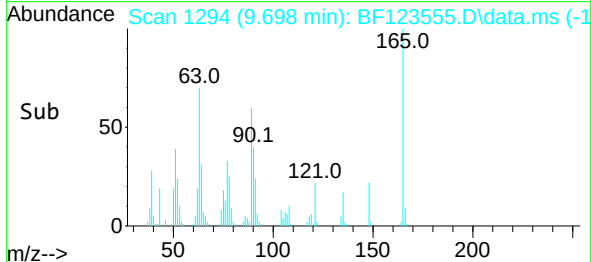
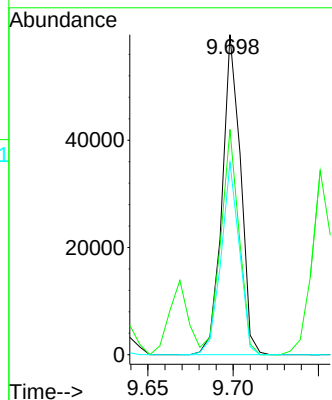
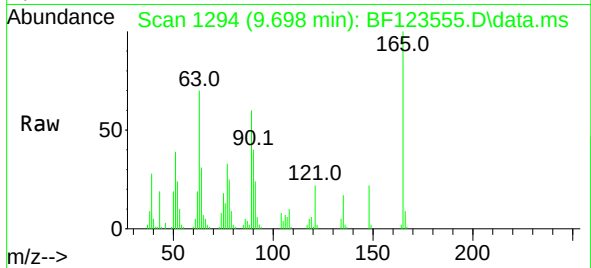




#51  
2,6-Dinitrotoluene  
Concen: 9.93 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

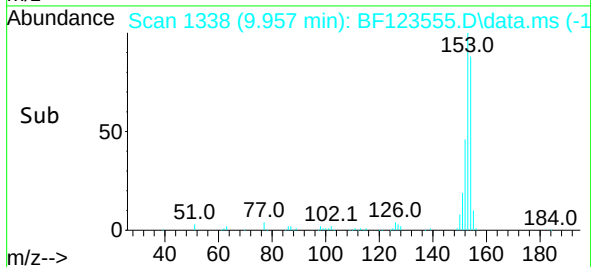
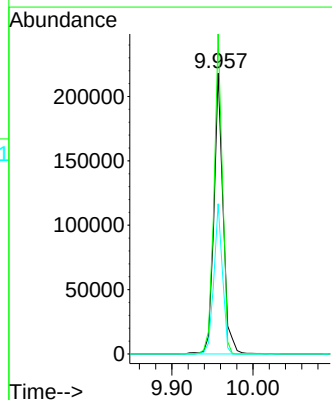
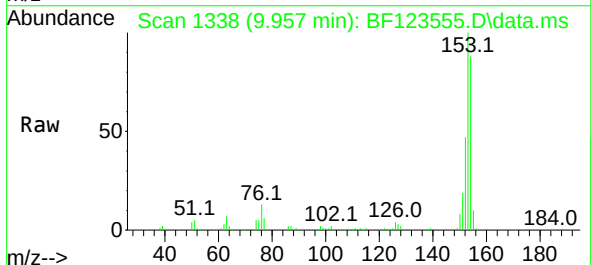
Instrument :  
BNA\_M  
ClientSampleId :

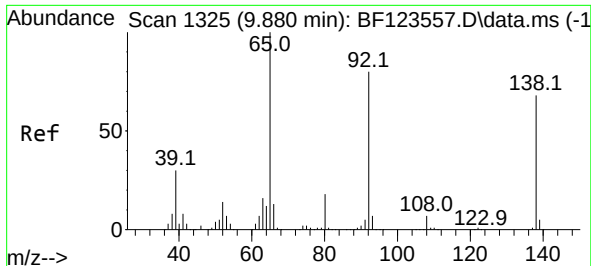
Tgt Ion:165 Resp: 44740  
Ion Ratio Lower Upper  
165 100  
63 70.4 36.6 55.0#  
89 60.1 39.4 59.0#



#52  
Acenaphthene  
Concen: 9.72 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:154 Resp: 171140  
Ion Ratio Lower Upper  
154 100  
153 113.9 89.0 133.6  
152 53.5 42.7 64.1

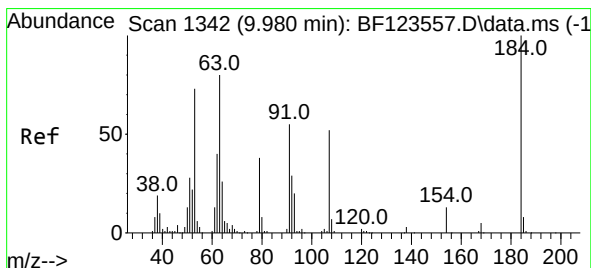
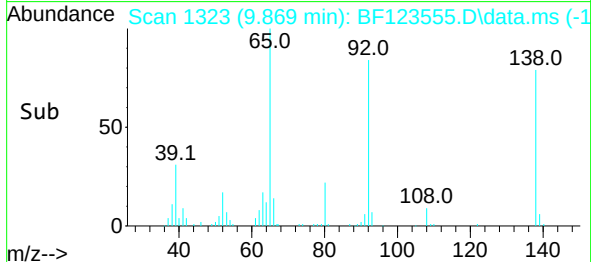
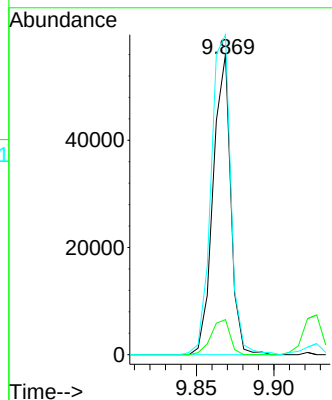
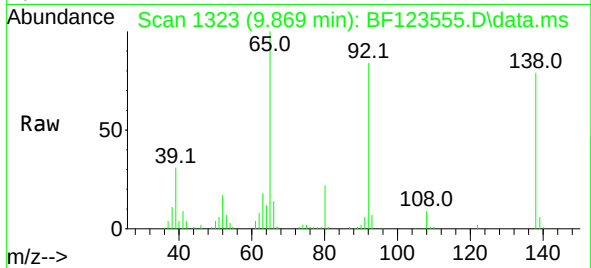




#53  
3-Nitroaniline  
Concen: 9.82 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

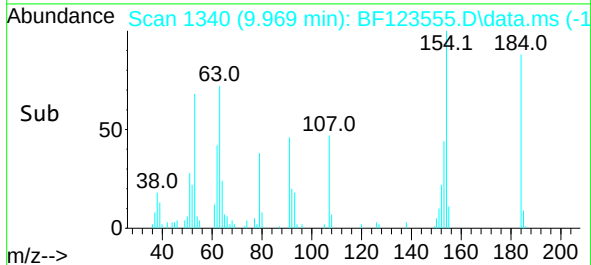
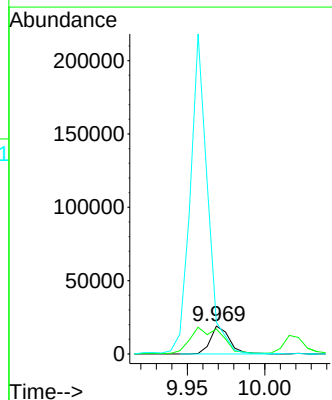
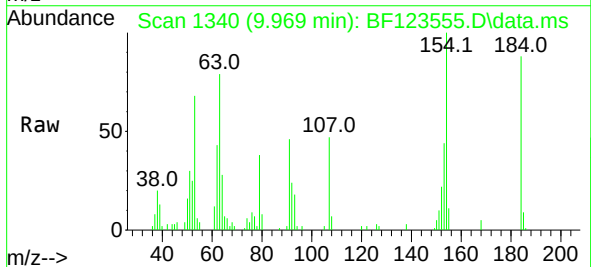
Instrument :  
BNA\_M  
ClientSampleId :

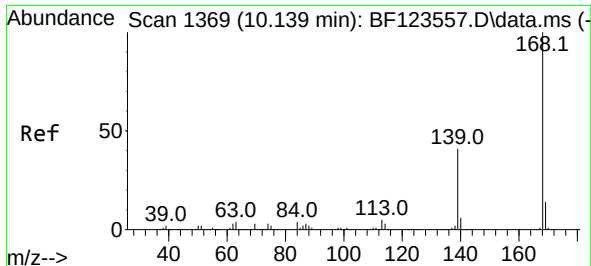
Tgt Ion:138 Resp: 44278  
Ion Ratio Lower Upper  
138 100  
108 11.7 8.2 12.2  
92 106.5 85.4 128.2



#54  
2,4-Dinitrophenol  
Concen: 6.61 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:184 Resp: 16188  
Ion Ratio Lower Upper  
184 100  
63 89.3 51.4 77.2#  
154 113.7 49.7 74.5#

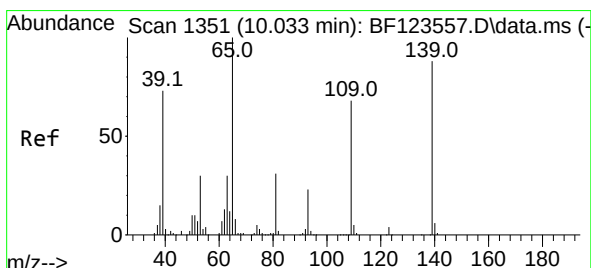
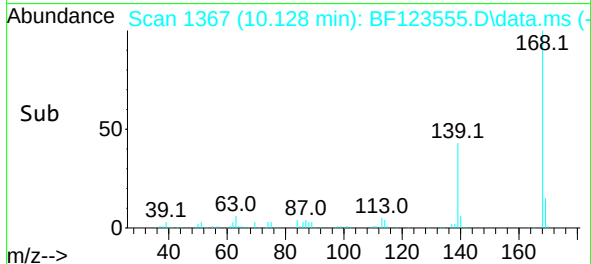
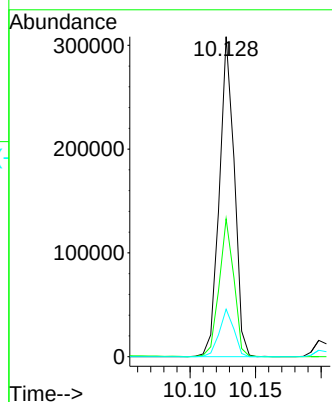
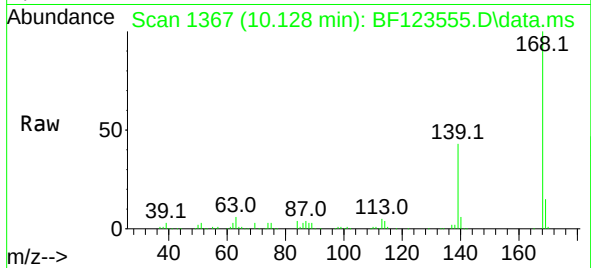




#55  
Dibenzenofuran  
Concen: 10.14 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

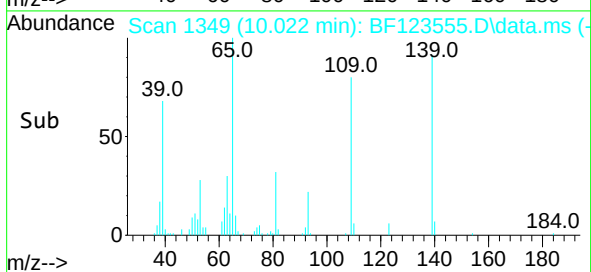
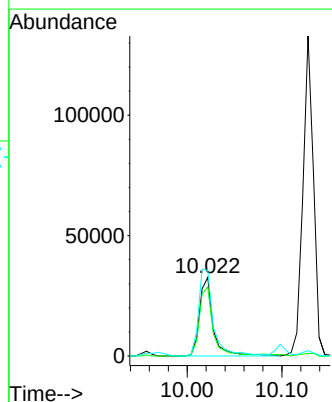
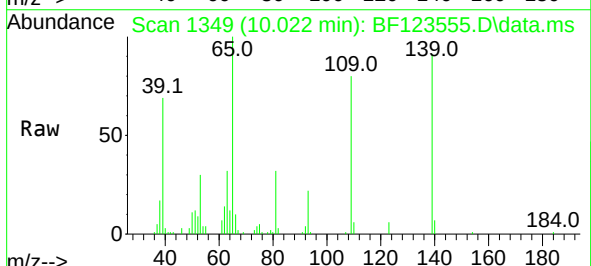
Instrument :  
BNA\_M  
ClientSampleId :

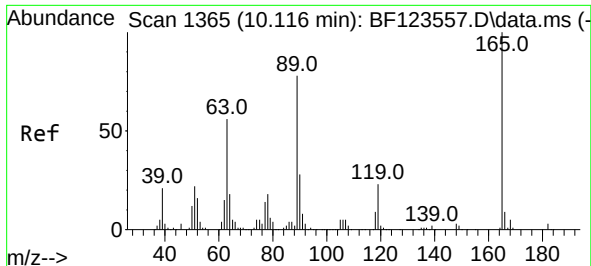
Tgt Ion:168 Resp: 243207  
Ion Ratio Lower Upper  
168 100  
139 43.1 31.3 46.9  
169 14.9 11.2 16.8



#56  
4-Nitrophenol  
Concen: 9.26 ng  
RT: 10.022 min Scan# 1349  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:139 Resp: 32589  
Ion Ratio Lower Upper  
139 100  
109 87.9 45.1 85.1#  
65 109.4 59.2 99.2#

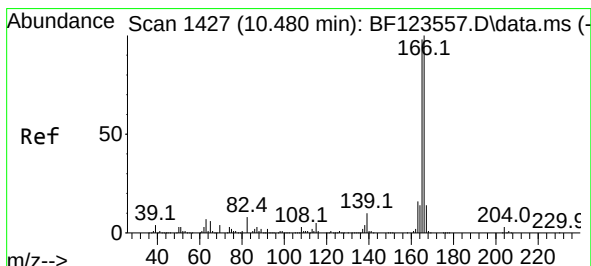
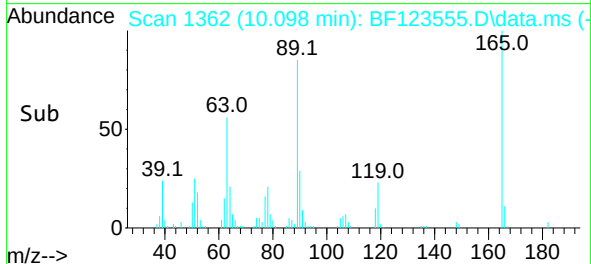
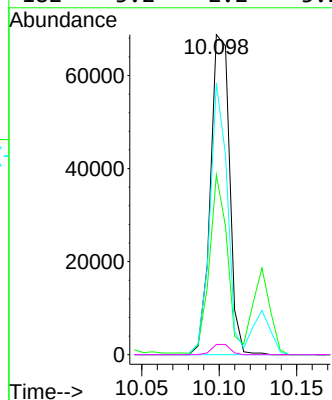
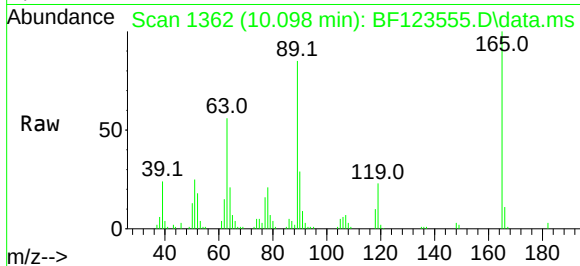




#57  
2,4-Dinitrotoluene  
Concen: 9.95 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. -0.018 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

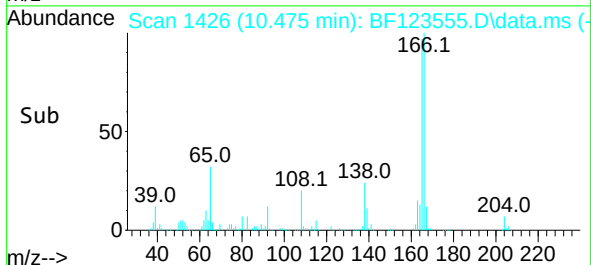
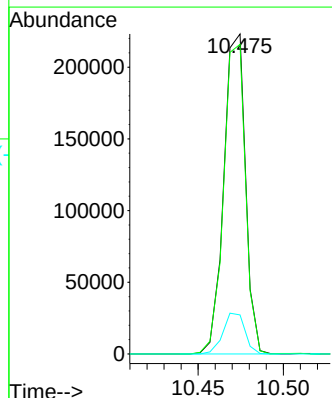
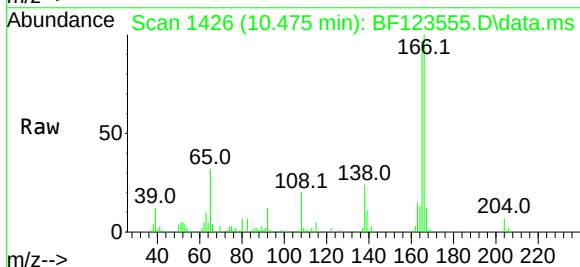
Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 58993 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 56.2  | 34.3  | 51.5# |
| 89       | 84.9  | 55.2  | 82.8# |
| 182      | 3.2   | 2.2   | 3.2   |

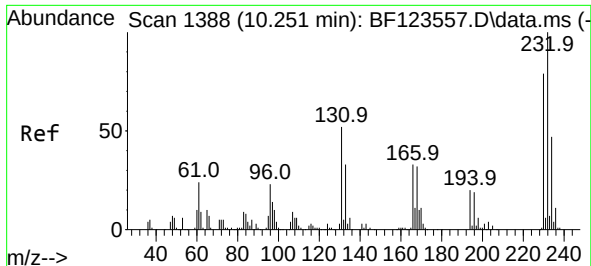


#58  
Fluorene  
Concen: 10.02 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 197343 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 96.8  | 79.4  | 119.0  |
| 167      | 12.2  | 10.9  | 16.3   |



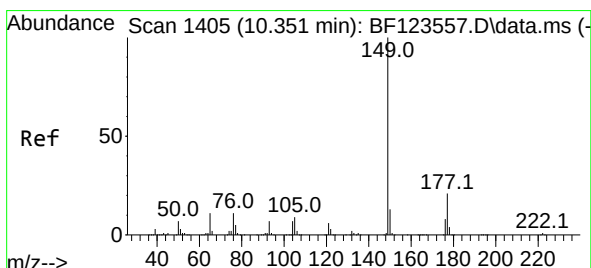
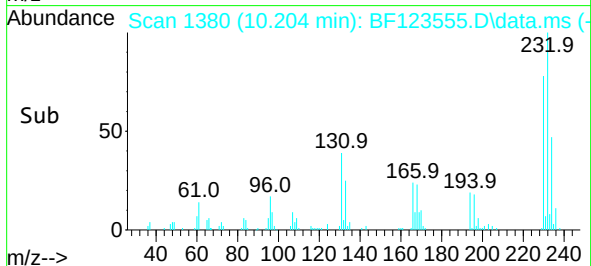
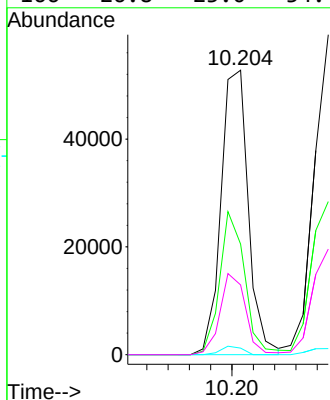
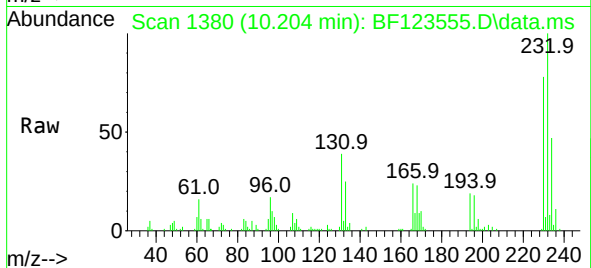




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 8.96 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. -0.047 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

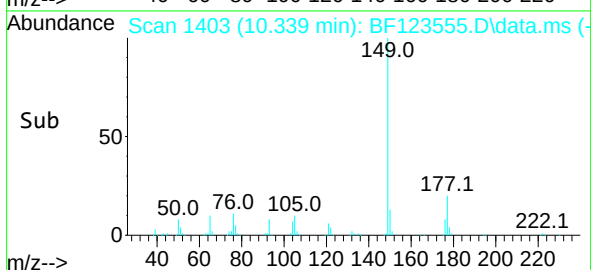
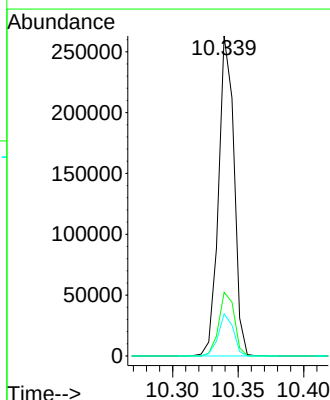
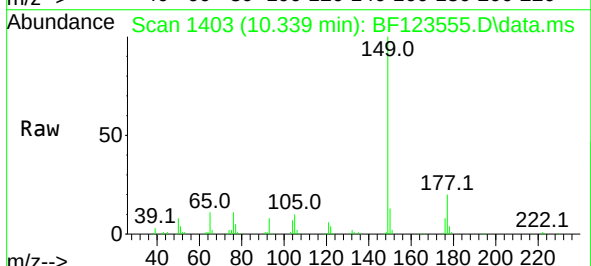
Instrument :  
BNA\_M  
ClientSampleId :

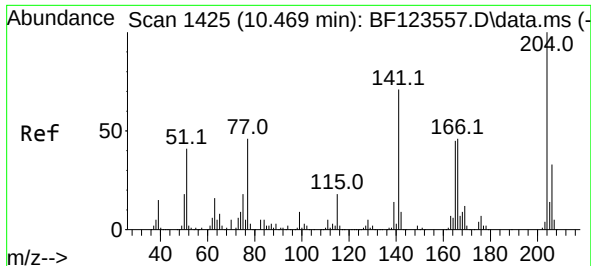
Tgt Ion:232 Resp: 46895  
Ion Ratio Lower Upper  
232 100  
131 46.8 33.0 49.4  
130 2.4 1.7 2.5  
166 26.8 23.0 34.4



#60  
Diethylphthalate  
Concen: 10.09 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:149 Resp: 215113  
Ion Ratio Lower Upper  
149 100  
177 19.9 18.2 27.4  
150 13.1 10.1 15.1

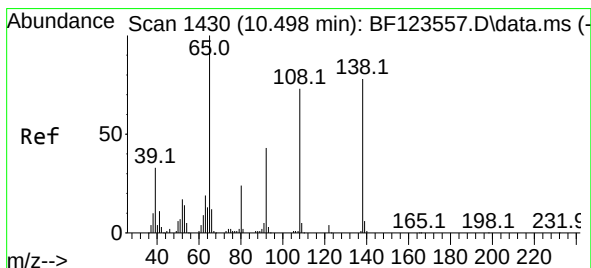
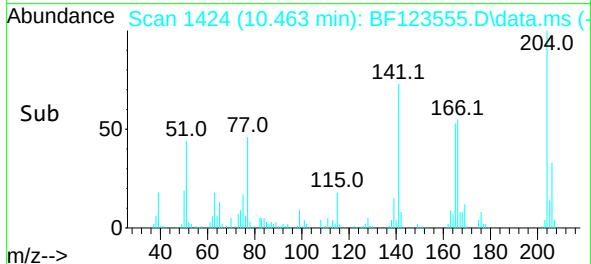
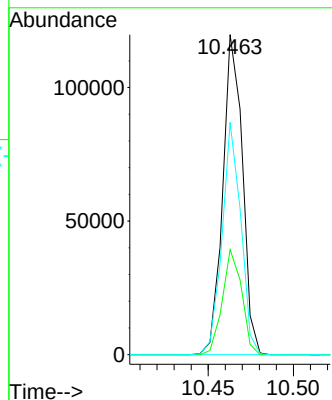
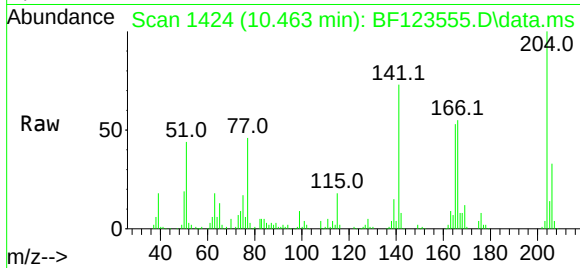




#61  
4-Chlorophenyl-phenylether  
Concen: 10.02 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

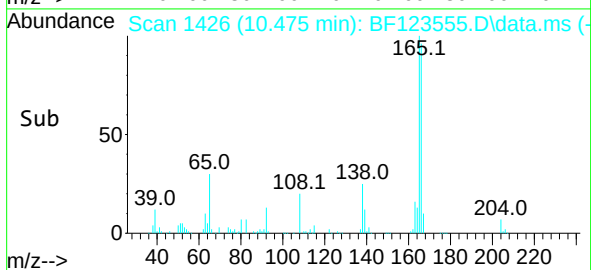
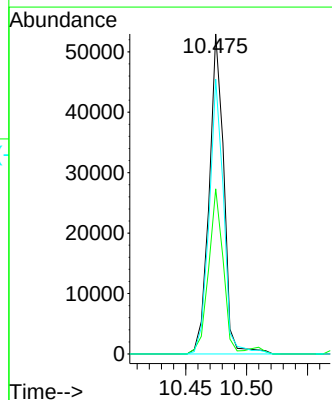
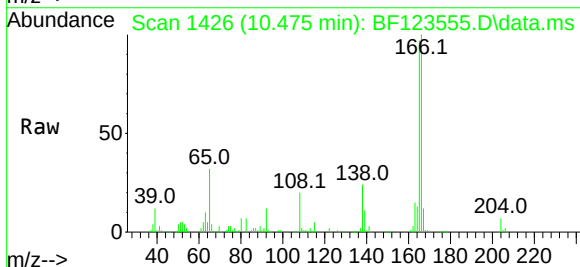
Instrument :  
BNA\_M  
ClientSampleId :

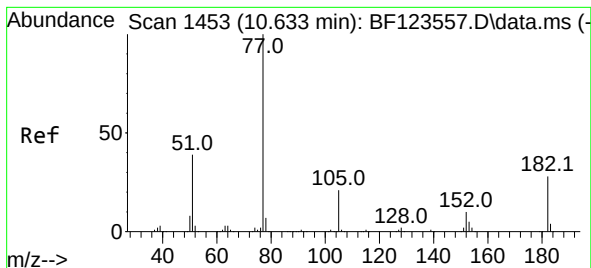
Tgt Ion:204 Resp: 96113  
Ion Ratio Lower Upper  
204 100  
206 32.8 27.0 40.4  
141 72.6 50.4 75.6



#62  
4-Nitroaniline  
Concen: 9.91 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. -0.023 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:138 Resp: 44345  
Ion Ratio Lower Upper  
138 100  
92 51.6 31.0 71.0  
108 85.9 54.8 94.8

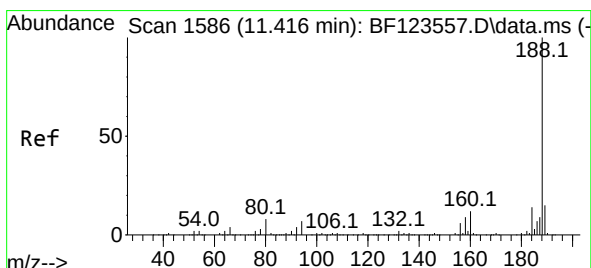
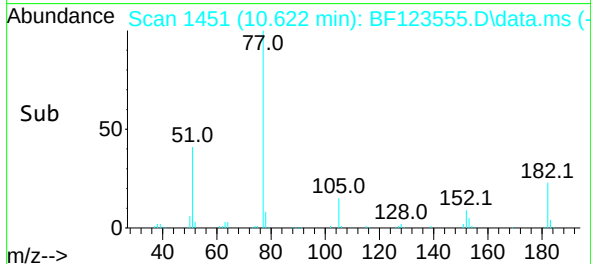
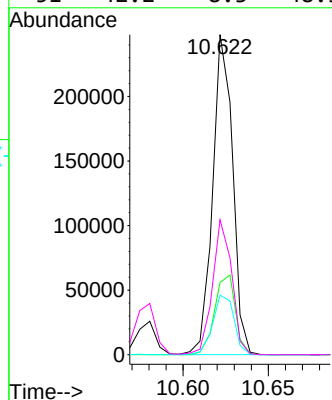
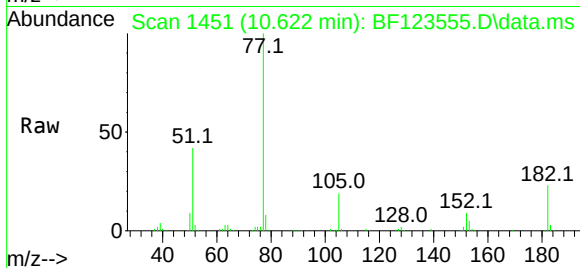




#63  
Azobenzene  
Concen: 10.17 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

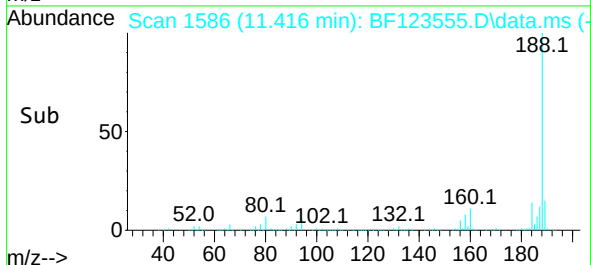
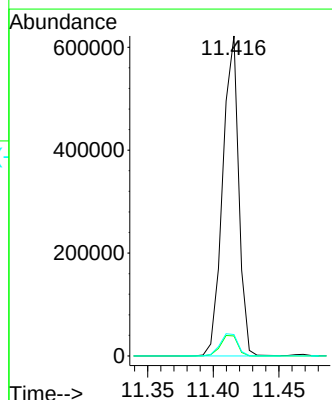
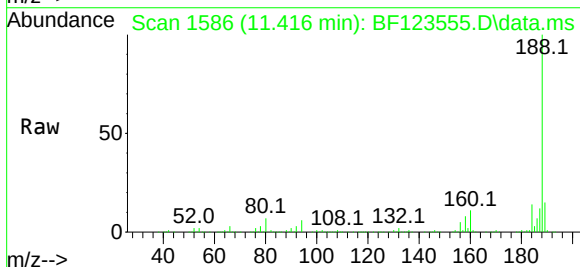
Instrument :  
BNA\_M  
ClientSampleId :

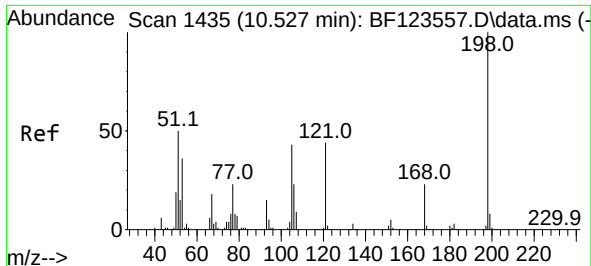
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 202336 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.6    | 5.6 45.6     |
| 105 18.6    | 1.8 41.8     |
| 51 42.2     | 8.3 48.3     |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 527462 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.2      | 7.4 11.2#    |
| 80 6.7      | 8.2 12.4#    |

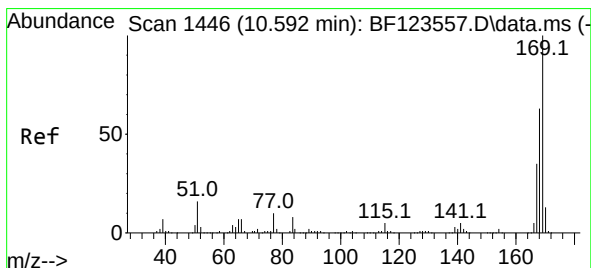
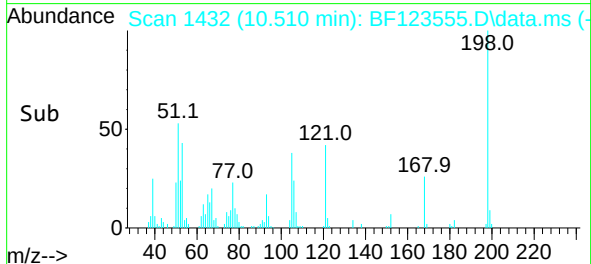
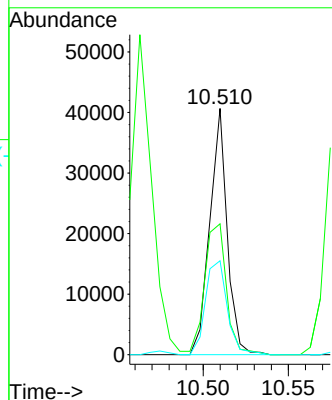
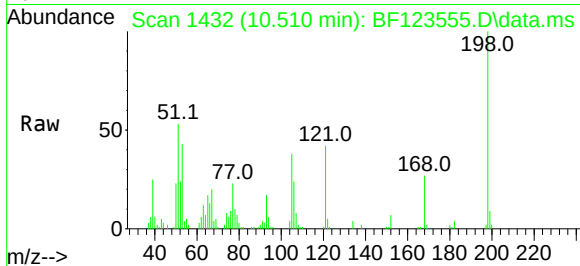




#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.47 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.018 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

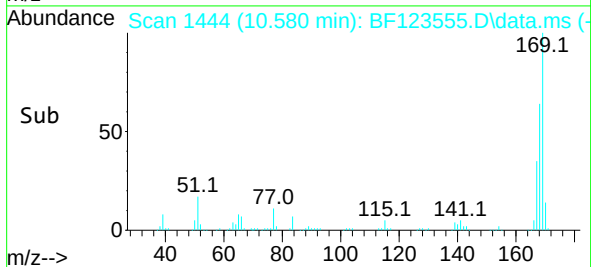
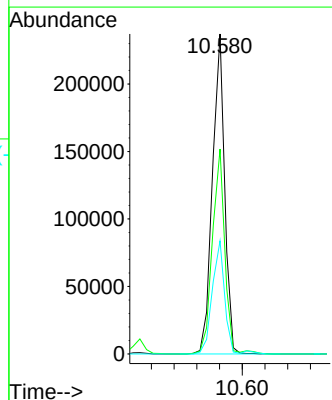
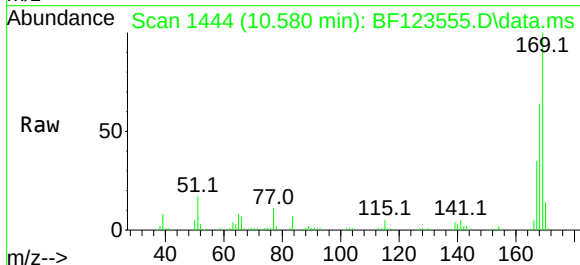
Instrument :  
BNA\_M  
ClientSampleId :

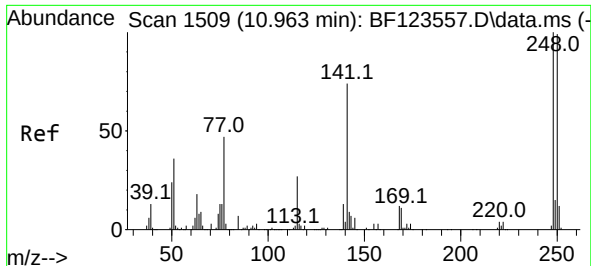
Tgt Ion:198 Resp: 28877  
Ion Ratio Lower Upper  
198 100  
51 53.2 20.3 60.3  
105 38.1 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 9.66 ng  
RT: 10.580 min Scan# 1444  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:169 Resp: 176726  
Ion Ratio Lower Upper  
169 100  
168 64.0 54.2 81.2  
167 35.4 29.2 43.8

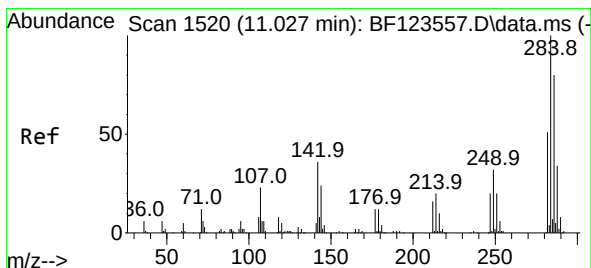
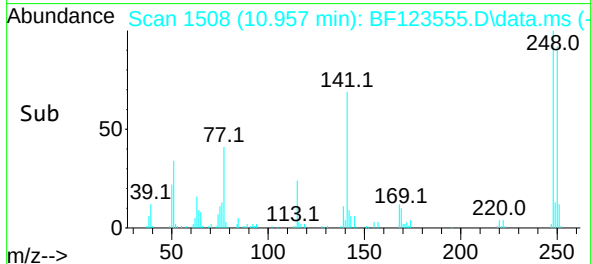
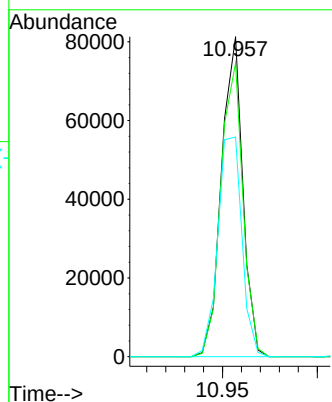
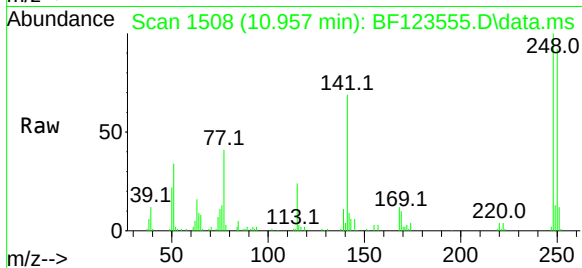




#67  
4-Bromophenyl-phenylether  
Concen: 9.81 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

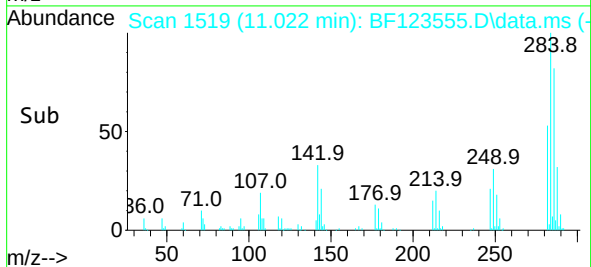
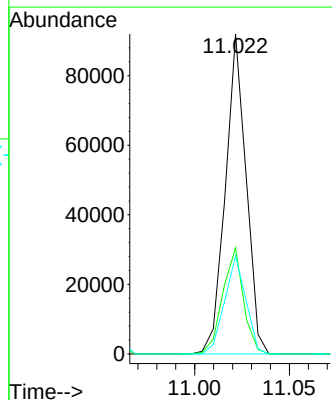
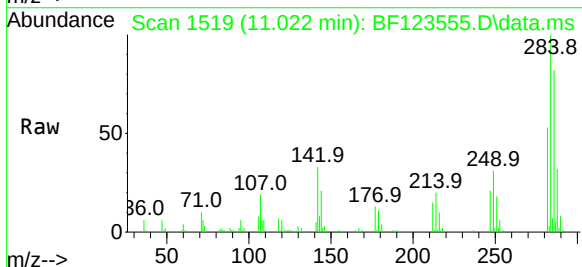
Instrument :  
BNA\_M  
ClientSampleId :

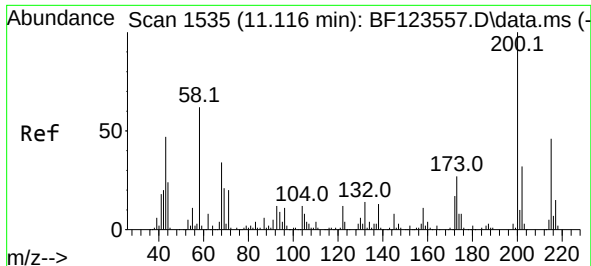
Tgt Ion:248 Resp: 63646  
Ion Ratio Lower Upper  
248 100  
250 91.8 76.8 115.2  
141 68.7 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 9.76 ng  
RT: 11.022 min Scan# 1519  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:284 Resp: 69947  
Ion Ratio Lower Upper  
284 100  
142 33.1 25.6 38.4  
249 30.7 25.1 37.7

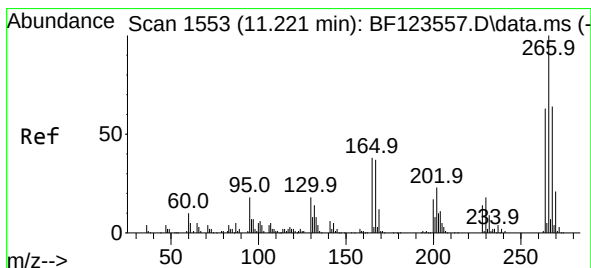
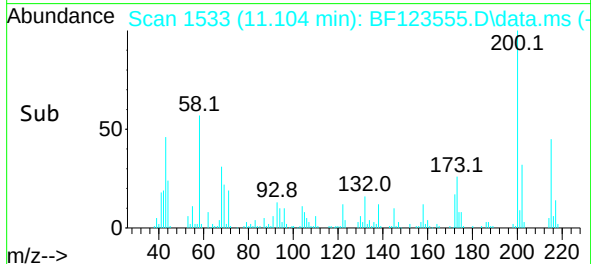
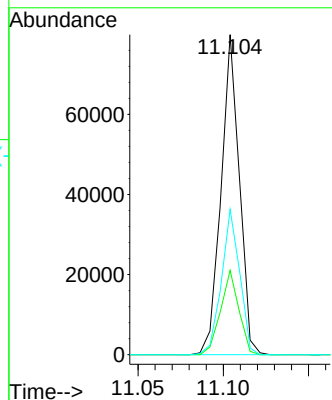
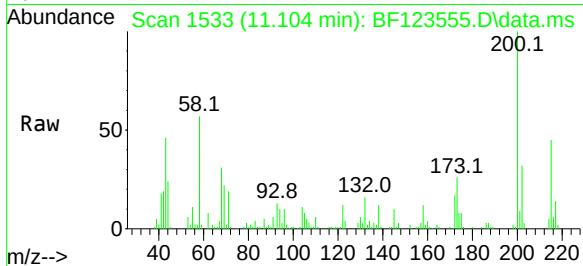




#69  
Atrazine  
Concen: 9.82 ng  
RT: 11.104 min Scan# 1533  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

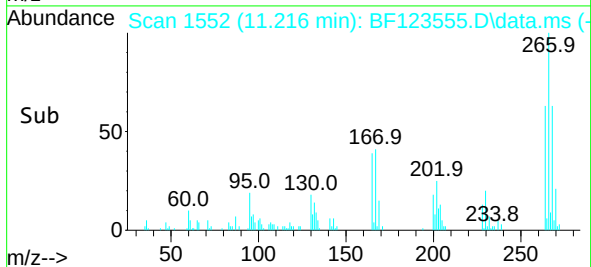
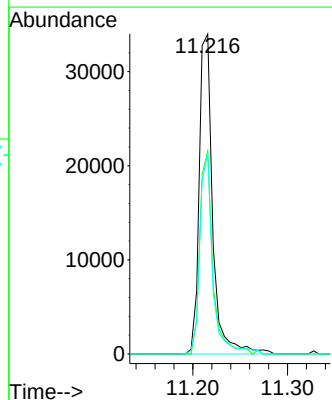
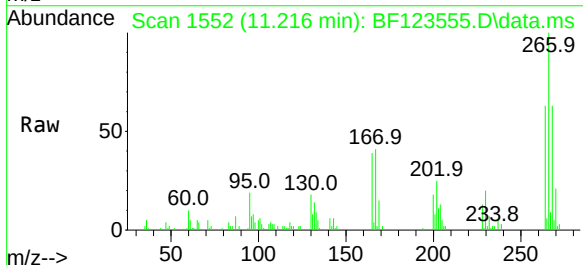
Instrument :  
BNA\_M  
ClientSampleId :

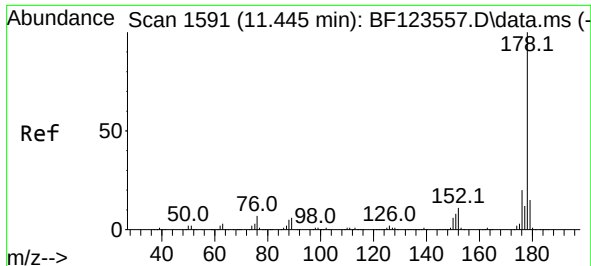
Tgt Ion:200 Resp: 59643  
Ion Ratio Lower Upper  
200 100  
173 26.3 6.6 46.6  
215 45.4 28.1 68.1



#70  
Pentachlorophenol  
Concen: 8.25 ng  
RT: 11.216 min Scan# 1552  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:266 Resp: 33752  
Ion Ratio Lower Upper  
266 100  
268 63.4 50.5 75.7  
264 62.7 49.8 74.8

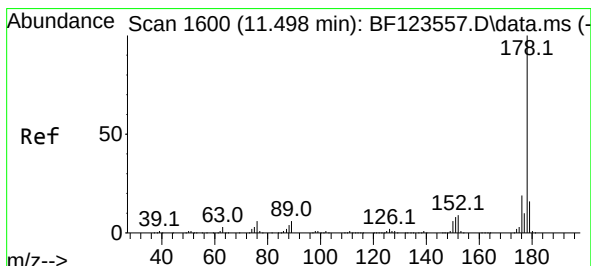
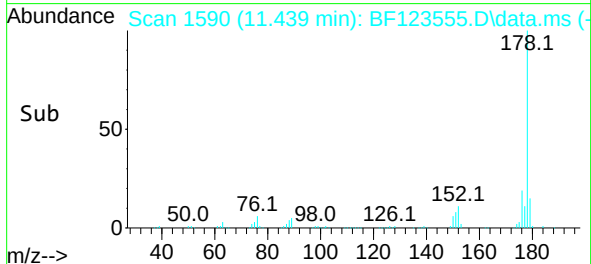
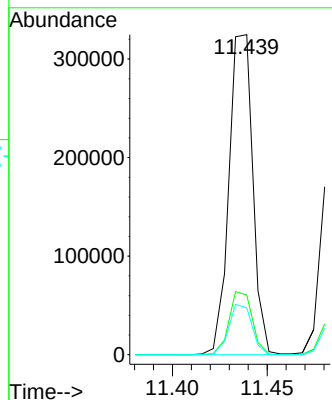
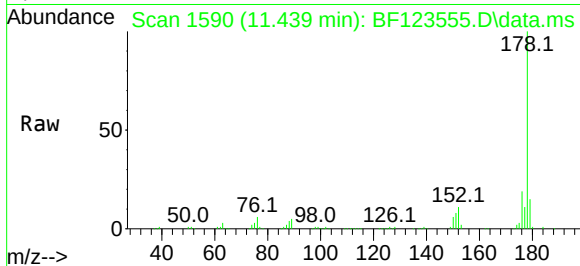




#71  
Phenanthrene  
Concen: 9.84 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

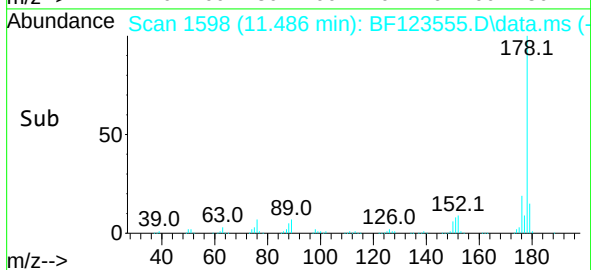
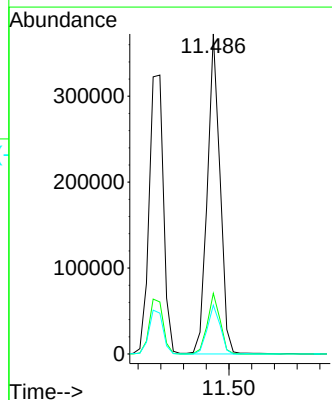
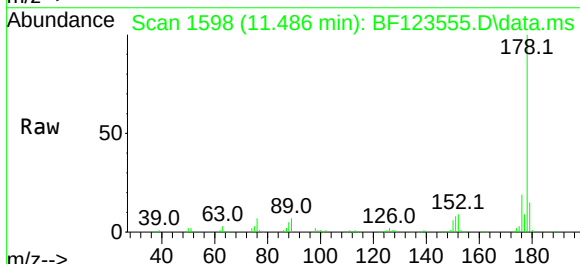
Instrument :  
BNA\_M  
ClientSampleId :

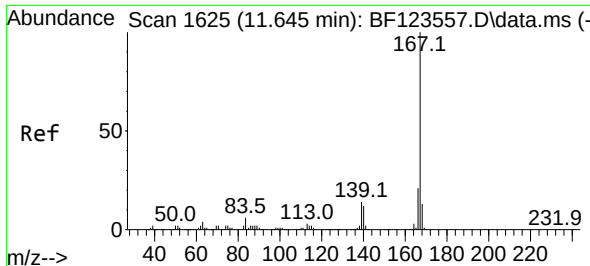
Tgt Ion:178 Resp: 284172  
Ion Ratio Lower Upper  
178 100  
176 18.7 16.2 24.2  
179 14.6 12.7 19.1



#72  
Anthracene  
Concen: 9.94 ng  
RT: 11.486 min Scan# 1598  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

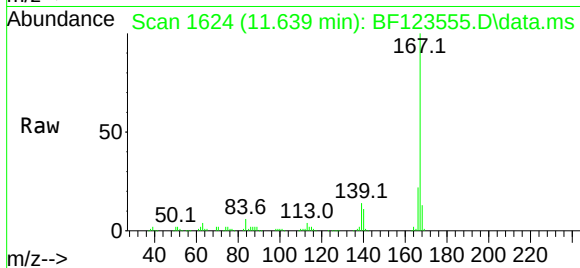
Tgt Ion:178 Resp: 287677  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.6 23.4  
179 15.2 12.8 19.2



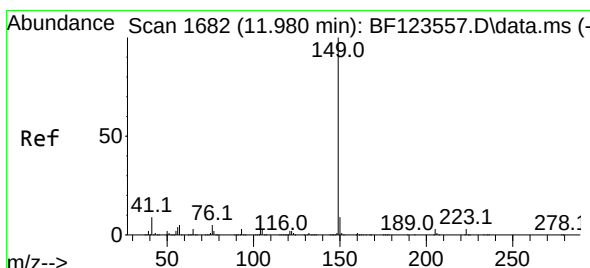
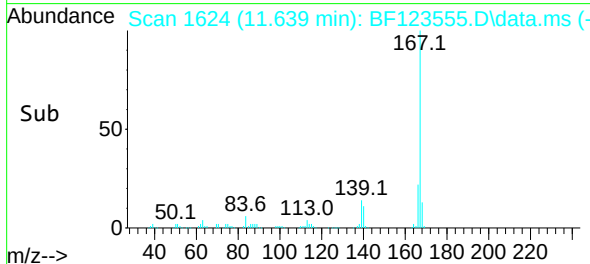
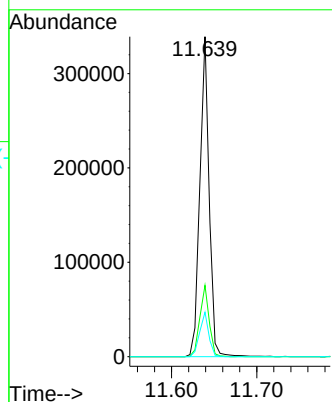


#73  
 Carbazole  
 Concen: 9.31 ng  
 RT: 11.639 min Scan# 1624  
 Delta R.T. -0.006 min  
 Lab File: BF123555.D  
 Acq: 2 Apr 2021 11:09

Instrument :  
 BNA\_M  
 ClientSampleId :

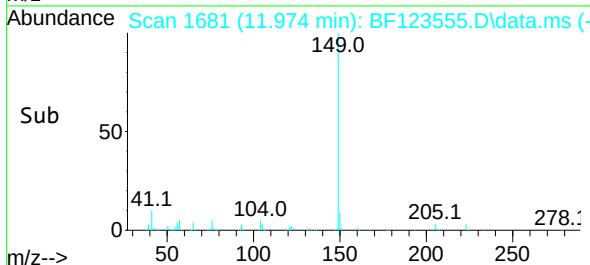
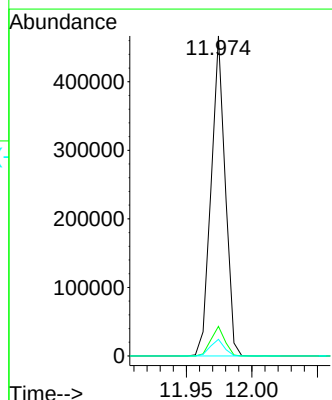
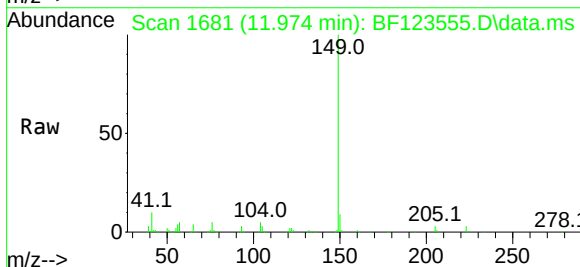


Tgt Ion:167 Resp: 257555  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.0 27.0  
 139 13.9 10.9 16.3

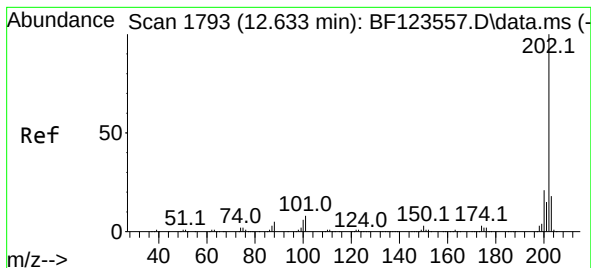


#74  
 Di-n-butylphthalate  
 Concen: 9.32 ng  
 RT: 11.974 min Scan# 1681  
 Delta R.T. -0.006 min  
 Lab File: BF123555.D  
 Acq: 2 Apr 2021 11:09

Tgt Ion:149 Resp: 349170  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.8 11.6  
 104 5.2 4.2 6.4



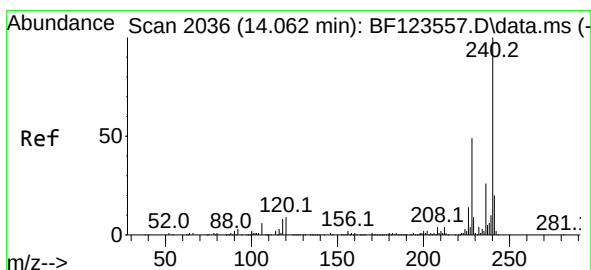
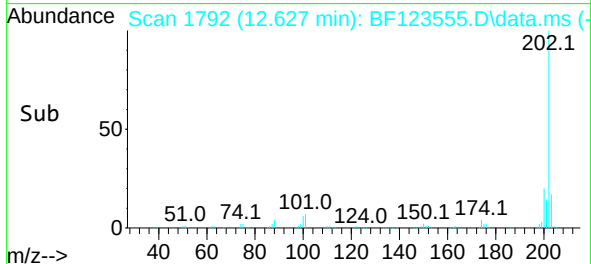
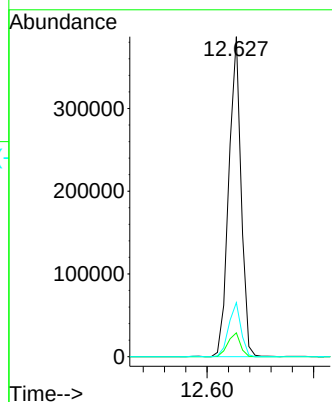
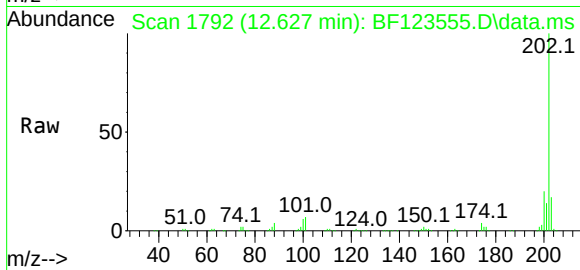




#75  
Fluoranthene  
Concen: 9.64 ng  
RT: 12.627 min Scan# 1792  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

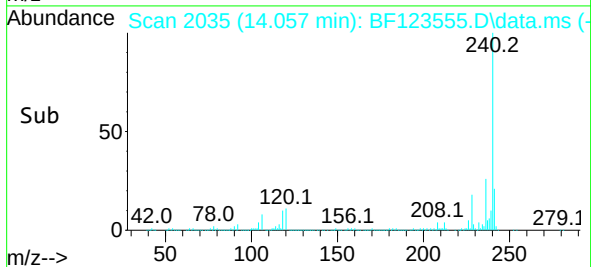
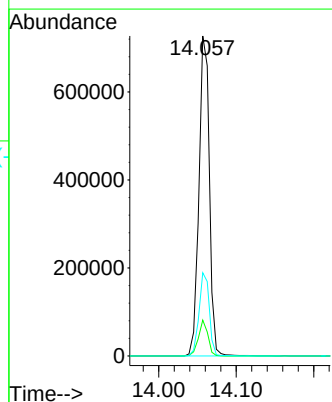
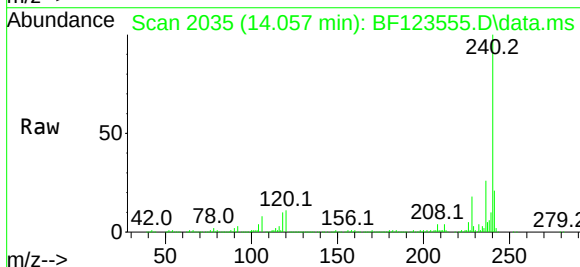
Instrument :  
BNA\_M  
ClientSampleId :

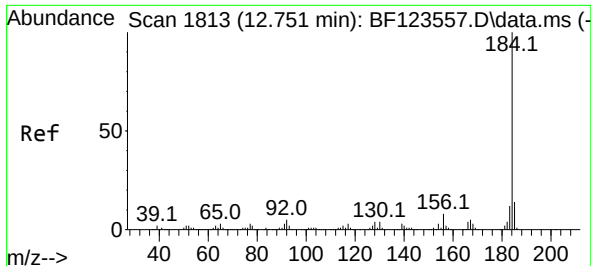
Tgt Ion:202 Resp: 309129  
Ion Ratio Lower Upper  
202 100  
101 7.5 0.0 32.2  
203 16.9 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:240 Resp: 678998  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.6 12.8  
236 26.0 20.3 30.5

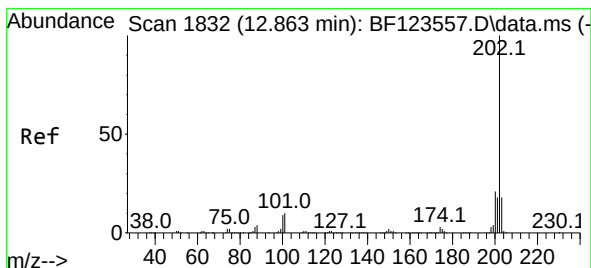
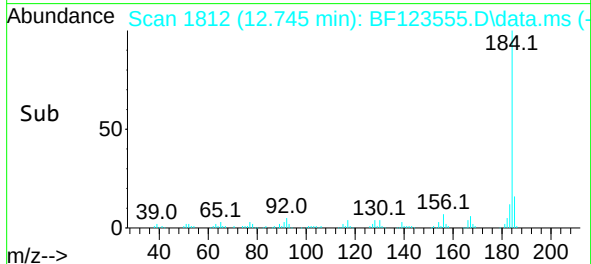
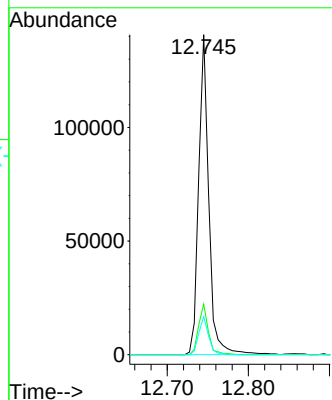
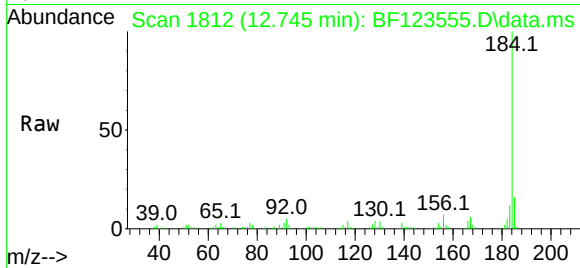




#77  
Benzidine  
Concen: 5.48 ng  
RT: 12.745 min Scan# 1812  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

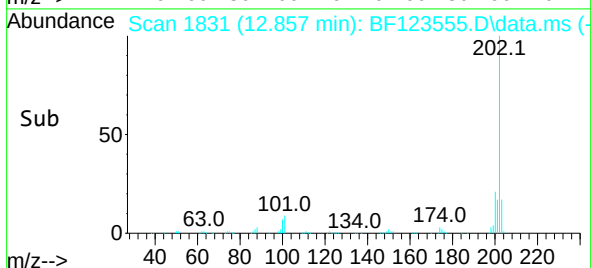
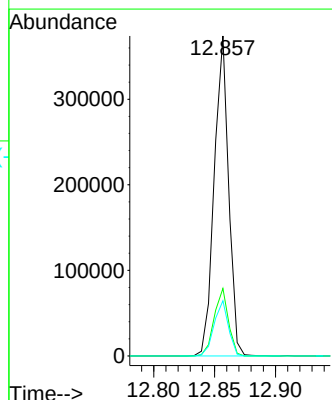
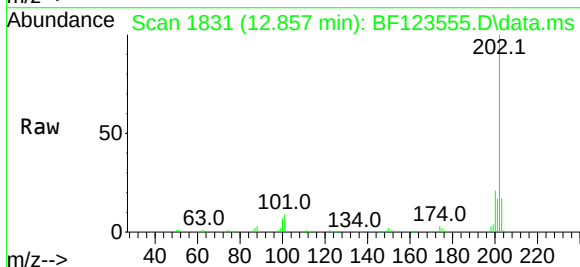
Instrument :  
BNA\_M  
ClientSampleId :

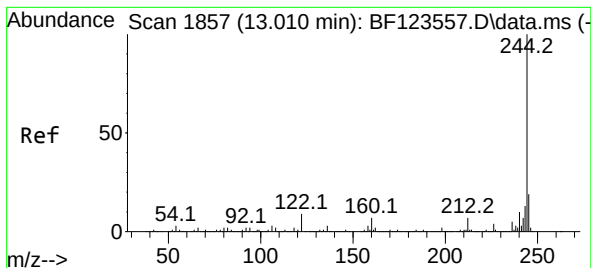
Tgt Ion:184 Resp: 122884  
Ion Ratio Lower Upper  
184 100  
185 15.8 11.8 17.6  
183 11.9 9.7 14.5



#78  
Pyrene  
Concen: 5.36 ng  
RT: 12.857 min Scan# 1831  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:202 Resp: 307864  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.6 26.4  
203 17.2 14.6 21.8





#79

Terphenyl-d14

Concen: 11.07 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.012 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

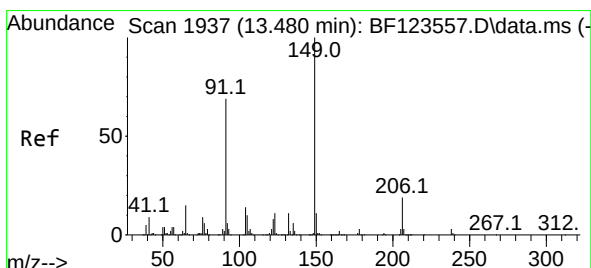
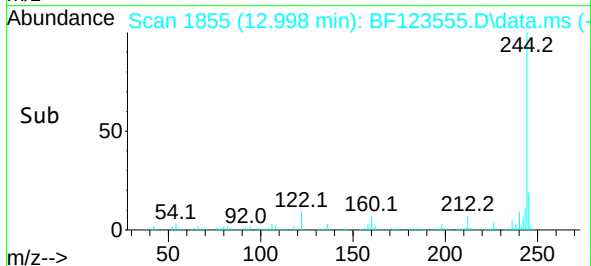
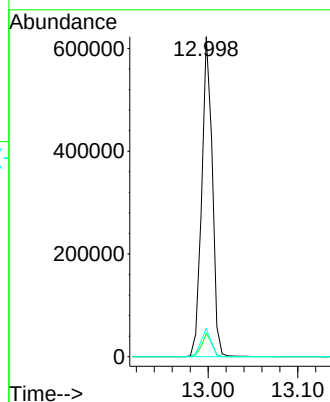
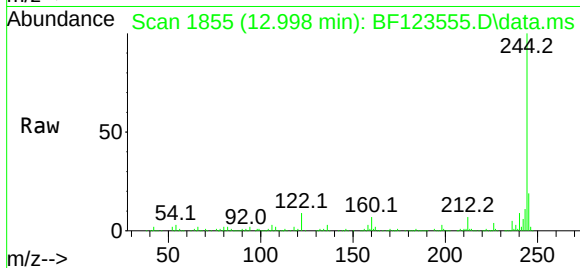
Tgt Ion:244 Resp: 508131

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 8.9 8.3 12.5



#80

Butylbenzylphthalate

Concen: 7.53 ng

RT: 13.474 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

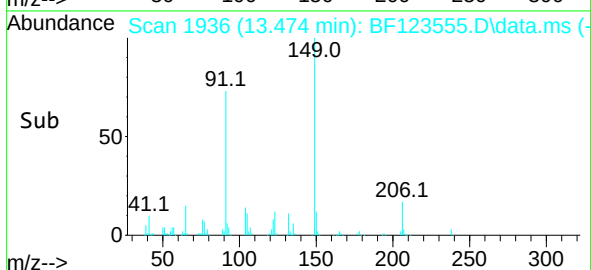
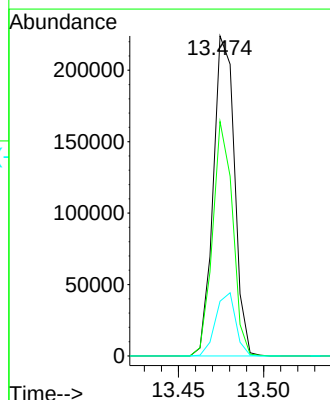
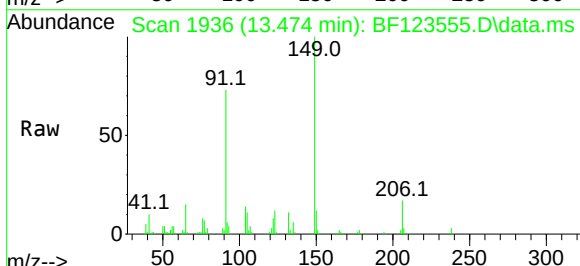
Tgt Ion:149 Resp: 193943

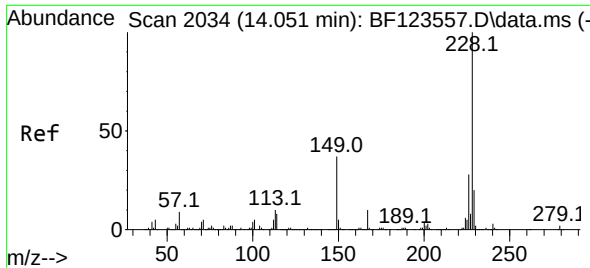
Ion Ratio Lower Upper

149 100

91 73.2 56.5 84.7

206 17.1 17.0 25.6

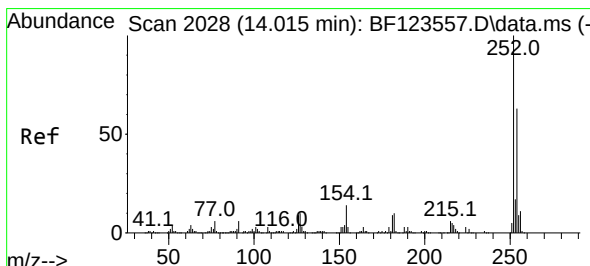
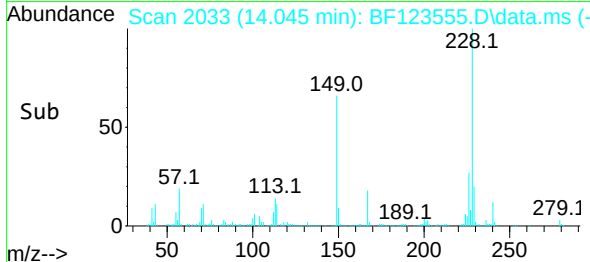
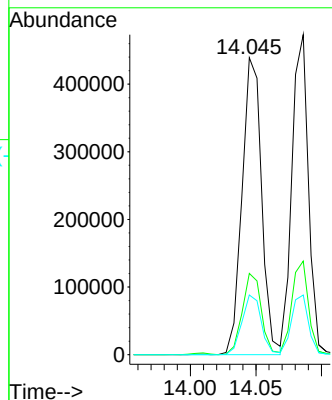
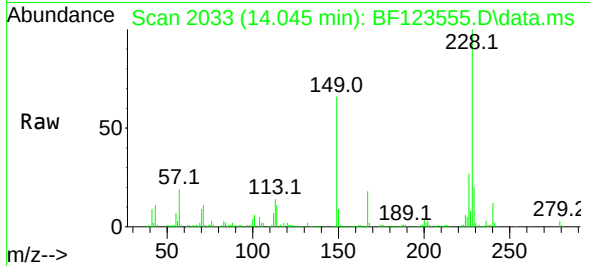




#81  
Benzo(a)anthracene  
Concen: 10.05 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

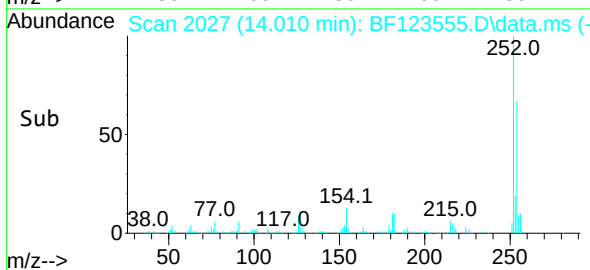
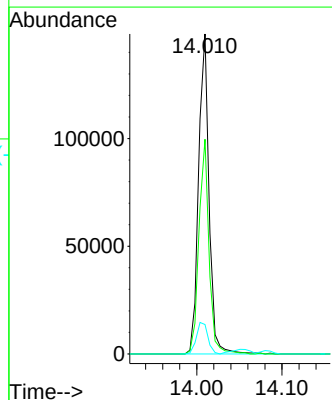
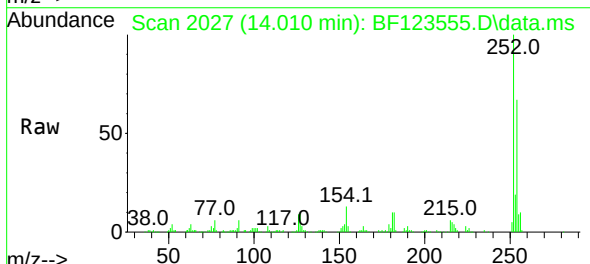
Instrument :  
BNA\_M  
ClientSampleId :

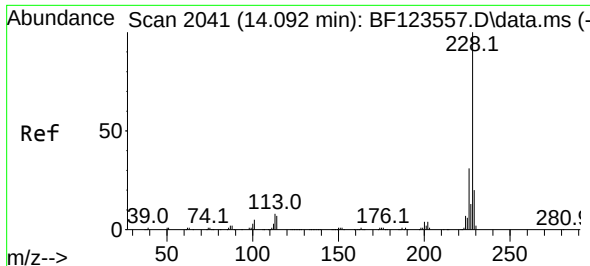
Tgt Ion:228 Resp: 456698  
Ion Ratio Lower Upper  
228 100  
226 27.4 23.0 34.4  
229 20.1 16.6 24.8



#82  
3,3'-Dichlorobenzidine  
Concen: 9.25 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:252 Resp: 126870  
Ion Ratio Lower Upper  
252 100  
254 67.1 52.7 79.1  
126 9.2 8.0 12.0

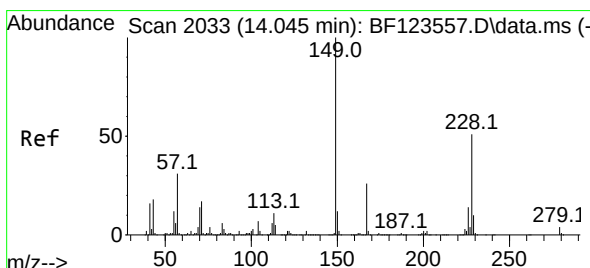
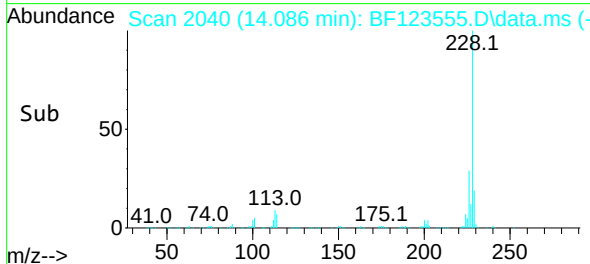
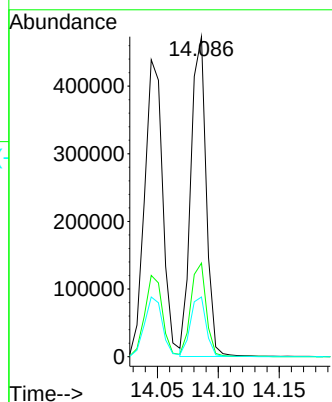
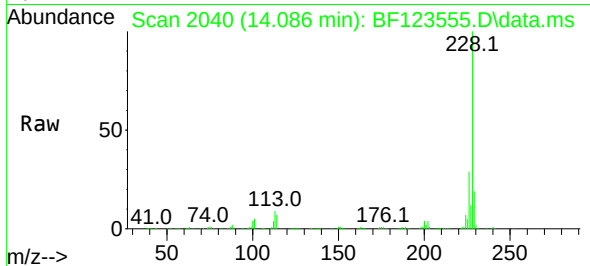




#83  
Chrysene  
Concen: 9.45 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

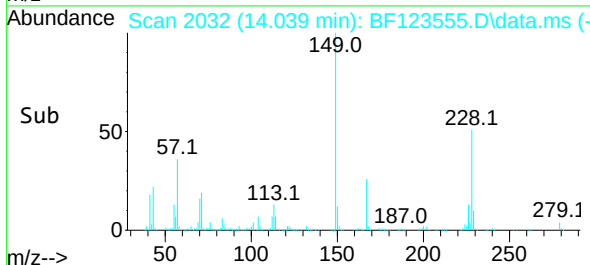
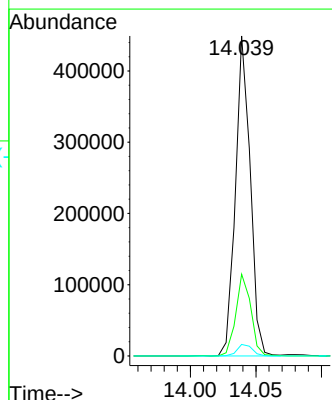
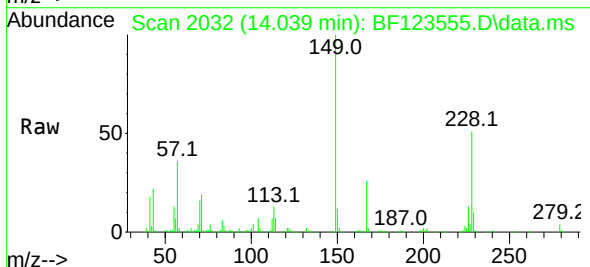
Instrument :  
BNA\_M  
ClientSampleId :

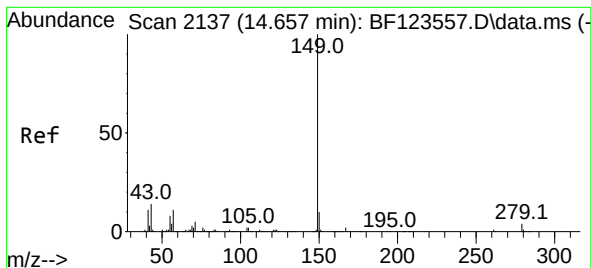
Tgt Ion:228 Resp: 413968  
Ion Ratio Lower Upper  
228 100  
226 29.2 24.6 36.8  
229 18.7 15.8 23.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.76 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:149 Resp: 352719  
Ion Ratio Lower Upper  
149 100  
167 25.6 21.4 32.2  
279 3.6 3.4 5.0

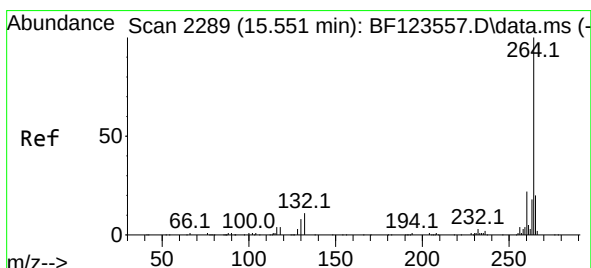
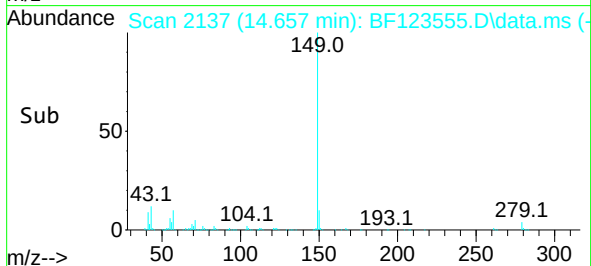
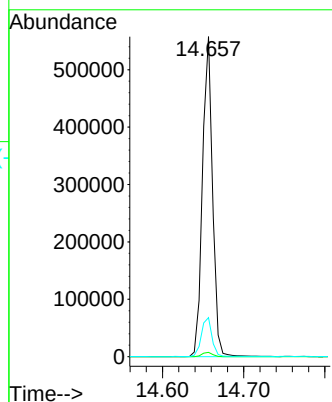
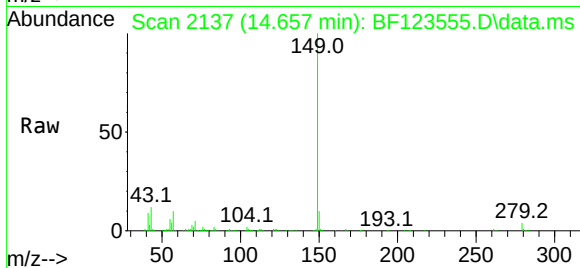




#85  
Di-n-octyl phthalate  
Concen: 9.03 ng  
RT: 14.657 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

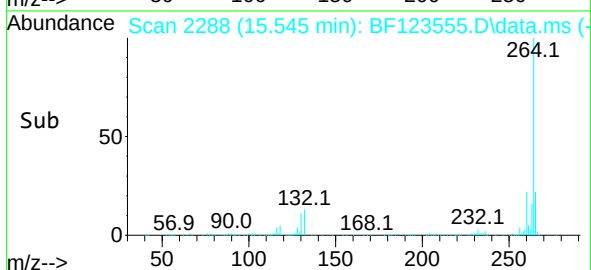
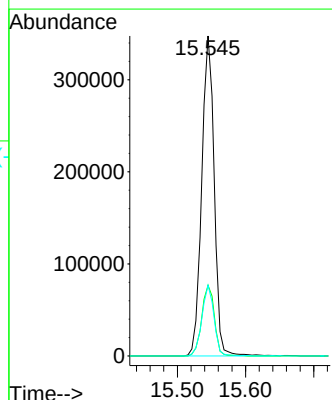
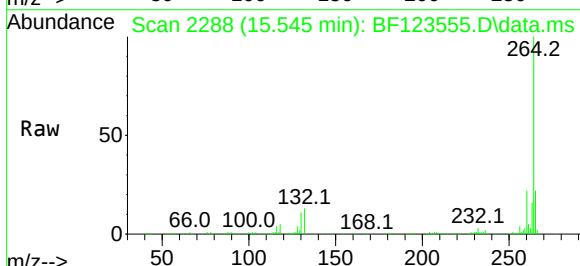
Instrument :  
BNA\_M  
ClientSampleId :

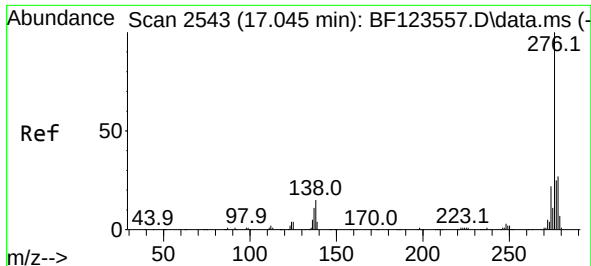
Tgt Ion:149 Resp: 481772  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.3 1.9  
43 13.1 7.6 11.4#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.545 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:264 Resp: 441772  
Ion Ratio Lower Upper  
264 100  
260 22.1 18.6 28.0  
265 22.1 17.0 25.6

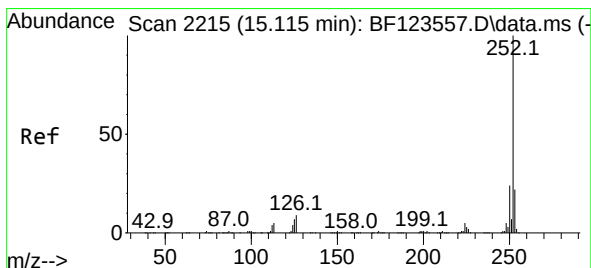
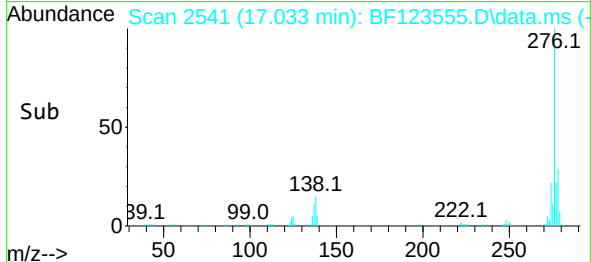
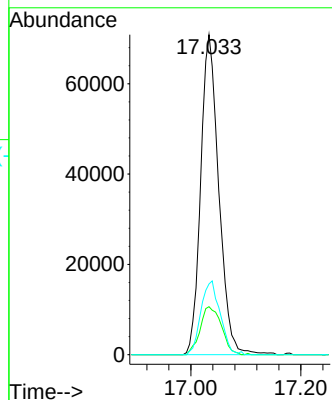
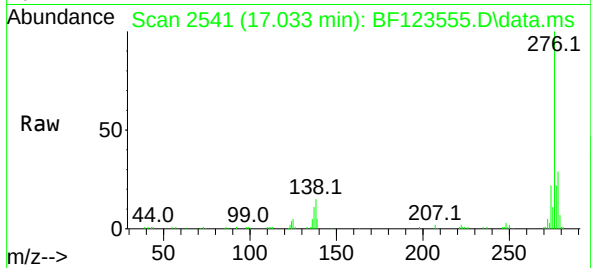




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 6.39 ng  
RT: 17.033 min Scan# 2541  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

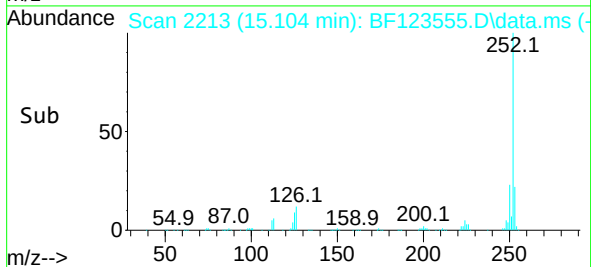
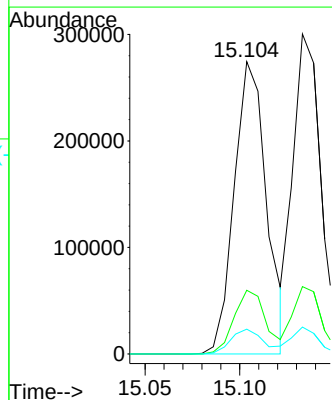
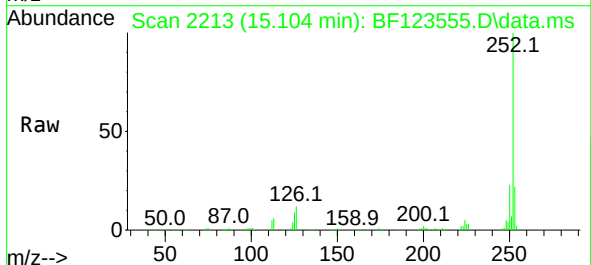
Instrument :  
BNA\_M  
ClientSampleId :

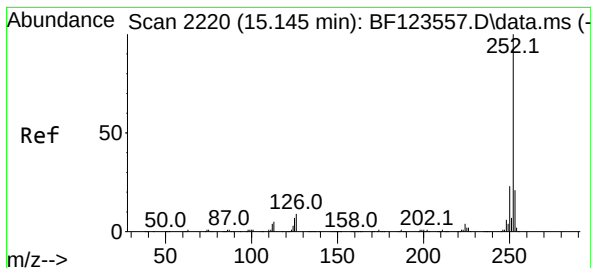
Tgt Ion:276 Resp: 162139  
Ion Ratio Lower Upper  
276 100  
138 17.6 18.7 28.1#  
277 24.5 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 10.95 ng  
RT: 15.104 min Scan# 2213  
Delta R.T. -0.012 min  
Lab File: BF123555.D  
Acq: 2 Apr 2021 11:09

Tgt Ion:252 Resp: 325925  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.3 27.5  
125 8.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 11.54 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.041 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

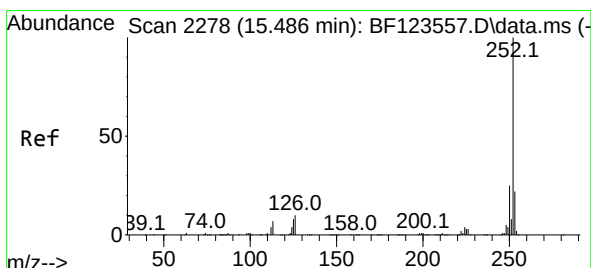
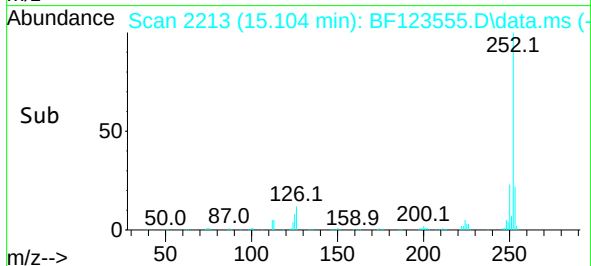
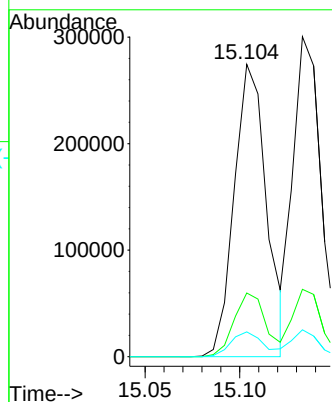
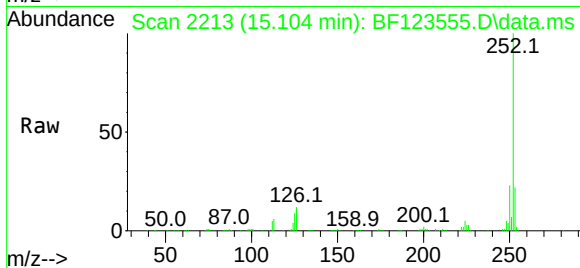
Tgt Ion:252 Resp: 325925

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 8.5 8.4 12.6



#90

Benzo(a)pyrene

Concen: 11.04 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.006 min

Lab File: BF123555.D

Acq: 2 Apr 2021 11:09

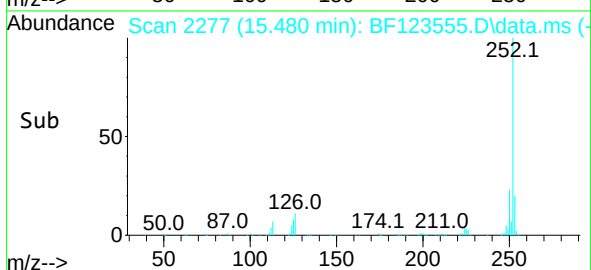
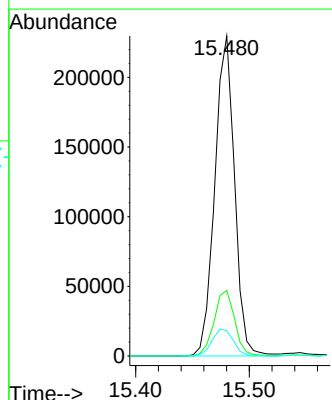
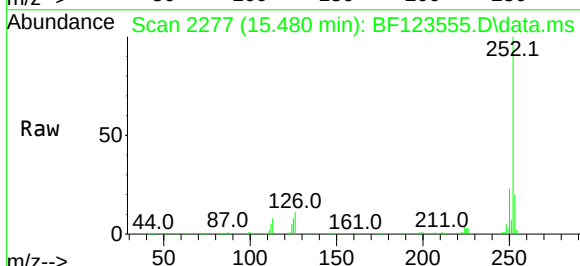
Tgt Ion:252 Resp: 277750

Ion Ratio Lower Upper

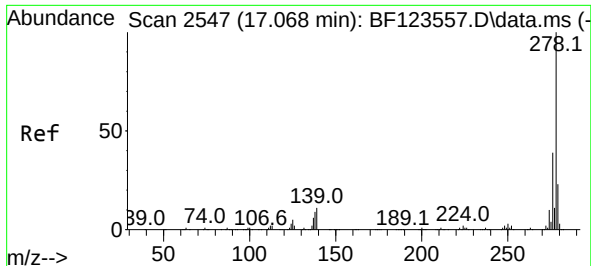
252 100

253 20.5 17.5 26.3

125 7.9 8.6 12.8#



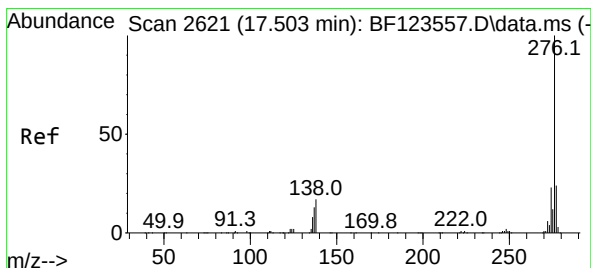
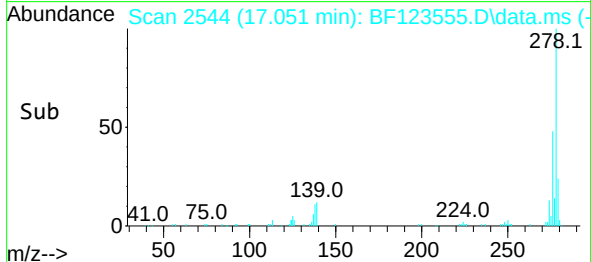
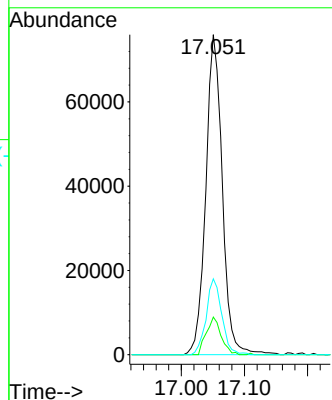
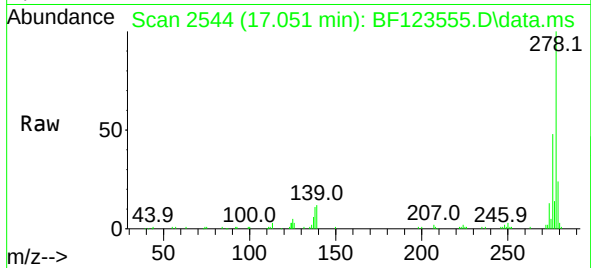




#91  
 Dibenzo(a,h)anthracene  
 Concen: 6.38 ng  
 RT: 17.051 min Scan# 2544  
 Delta R.T. -0.018 min  
 Lab File: BF123555.D  
 Acq: 2 Apr 2021 11:09

Instrument :  
 BNA\_M  
 ClientSampleId :

Tgt Ion:278 Resp: 138220  
 Ion Ratio Lower Upper  
 278 100  
 139 11.8 12.0 18.0#  
 279 23.7 19.4 29.2



#92  
 Benzo(g,h,i)perylene  
 Concen: 6.31 ng  
 RT: 17.480 min Scan# 2617  
 Delta R.T. -0.023 min  
 Lab File: BF123555.D  
 Acq: 2 Apr 2021 11:09

Tgt Ion:276 Resp: 129083  
 Ion Ratio Lower Upper  
 276 100  
 277 24.5 19.3 28.9  
 138 15.7 16.6 24.8#

