

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
 Data File : BF123062.D  
 Acq On : 28 Jan 2021 16:34  
 Operator : JU/CG  
 Sample : M1236-08MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PS1419LNMS

Quant Time: Jan 28 17:44:13 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 28 00:48:07 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 261087   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 1034961  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 564016   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 1051793  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 923357   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 905710   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1386865  | 81.94 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 1791284  | 78.08 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 1111739  | 54.06 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 530064   | 86.57 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1974092  | 52.03 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 2286845  | 48.66 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 295810   | 35.13 | ng    | 94       |
| 3) Pyridine                   | 3.469  | 79   | 823656   | 36.57 | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 385137   | 40.64 | ng    | 92       |
| 6) Aniline                    | 6.551  | 93   | 595700   | 21.10 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 817891   | 44.58 | ng    | 97       |
| 9) Benzaldehyde               | 6.439  | 77   | 436631   | 41.63 | ng    | 98       |
| 10) Phenol                    | 6.534  | 94   | 1049201  | 46.11 | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 778732   | 41.13 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 848623   | 39.66 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 854260   | 38.34 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 821331   | 39.40 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 681741   | 42.39 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 1148791  | 39.35 | ng    | 96       |
| 17) 2-Methylphenol            | 7.145  | 107  | 659842   | 42.27 | ng    | 98       |
| 18) Hexachloroethane          | 7.410  | 117  | 313722   | 40.20 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 554704   | 40.21 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 793944   | 43.18 | ng    | # 87     |
| 22) Acetophenone              | 7.304  | 105  | 1040734  | 38.59 | ng    | 97       |
| 24) Nitrobenzene              | 7.475  | 77   | 851991   | 40.21 | ng    | 98       |
| 25) Isophorone                | 7.716  | 82   | 1568447  | 41.64 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.792  | 139  | 412977   | 47.13 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 735263   | 46.51 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.928  | 93   | 1000663  | 38.93 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.033  | 162  | 690356   | 41.76 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 712348   | 38.25 | ng    | 100      |
| 31) Naphthalene               | 8.198  | 128  | 2236255  | 39.39 | ng    | 99       |
| 32) Benzoic acid              | 7.951  | 122  | 522445   | 41.74 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.245  | 127  | 268282   | 10.65 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 409155   | 38.03 | ng    | 98       |
| 35) Caprolactam               | 8.616  | 113  | 152973   | 27.38 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 741565   | 43.14 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 1528388  | 40.55 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 1443610  | 40.46 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 672055   | 38.30 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 782007   | 93.89 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 513064   | 42.65 | ng    | 98       |

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 ALS Vial : 10 Sample Multiplier: 1

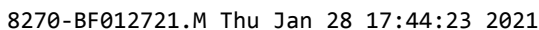
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PS1419LNMS

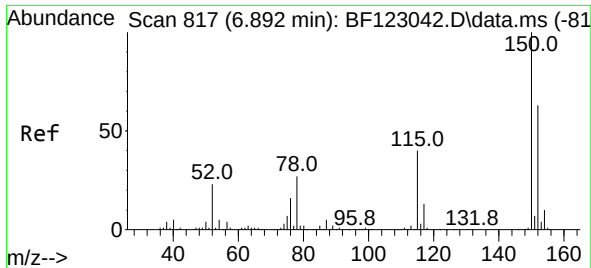
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 537970   | 42.77 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 1836043  | 39.69 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 1457293  | 37.63 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 478205   | 40.74 | ng    | 87       |
| 49) Acenaphthylene            | 9.804  | 152  | 2271706  | 40.08 | ng    | 100      |
| 50) Dimethylphthalate         | 9.663  | 163  | 1791105  | 40.48 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 410945   | 43.60 | ng    | 98       |
| 52) Acenaphthene              | 9.975  | 154  | 1568433  | 43.08 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 195030   | 17.50 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 386724   | 88.88 | ng    | 95       |
| 55) Dibenzofuran              | 10.151 | 168  | 2044204  | 38.58 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.051 | 139  | 723644   | 89.81 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.127 | 165  | 567151   | 46.26 | ng    | 93       |
| 58) Fluorene                  | 10.492 | 166  | 1543994  | 36.48 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 466535   | 43.73 | ng    | 95       |
| 60) Diethylphthalate          | 10.363 | 149  | 1779830  | 40.90 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 751067   | 37.77 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.510 | 138  | 413944   | 36.96 | ng    | 93       |
| 63) Azobenzene                | 10.645 | 77   | 1721259  | 40.43 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 275558   | 47.52 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 1481753  | 39.08 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.974 | 248  | 515310   | 38.47 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 549642   | 38.26 | ng    | 94       |
| 69) Atrazine                  | 11.127 | 200  | 441525   | 42.17 | ng    | 99       |
| 70) Pentachlorophenol         | 11.233 | 266  | 671531   | 86.24 | ng    | 98       |
| 71) Phenanthrene              | 11.457 | 178  | 2409071  | 36.88 | ng    | 99       |
| 72) Anthracene                | 11.510 | 178  | 2491561  | 39.76 | ng    | 99       |
| 73) Carbazole                 | 11.663 | 167  | 2303625  | 39.61 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 2805368  | 40.68 | ng    | 99       |
| 75) Fluoranthene              | 12.651 | 202  | 2625445  | 40.21 | ng    | 98       |
| 77) Benzidine                 | 12.768 | 184  | 828071   | 39.63 | ng    | 99       |
| 78) Pyrene                    | 12.880 | 202  | 2681040  | 38.46 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 1304686  | 43.50 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.074 | 228  | 2434955  | 38.96 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.033 | 252  | 550448   | 27.99 | ng    | # 97     |
| 83) Chrysene                  | 14.115 | 228  | 2448903  | 39.15 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.062 | 149  | 1681722  | 42.20 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 3101062  | 46.33 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 2548452  | 42.25 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 2666687  | 40.79 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.168 | 252  | 2434745  | 40.08 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.509 | 252  | 2327039  | 40.53 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 2088846  | 42.08 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.533 | 276  | 2034930  | 42.30 | ng    | 97       |

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

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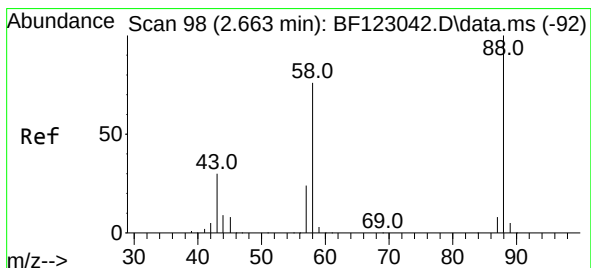
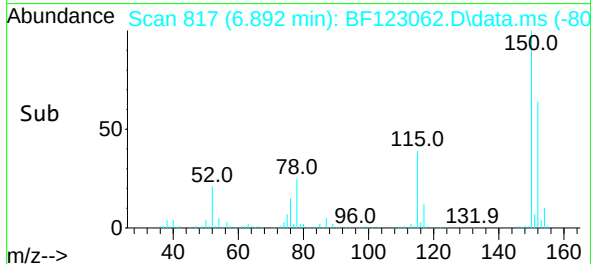
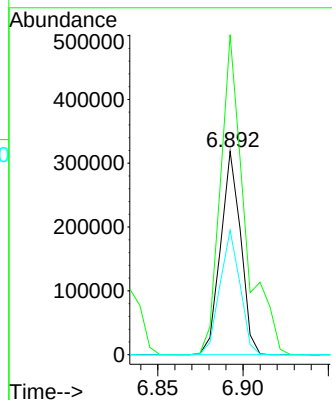
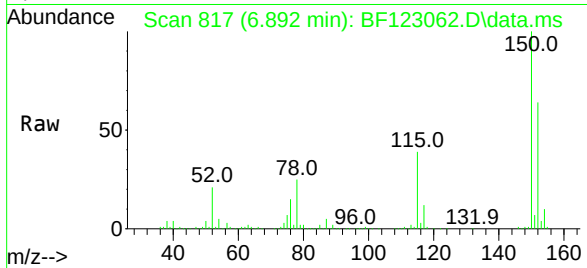




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.892 min Scan# 817  
 Delta R.T. 0.000 min  
 Lab File: BF123062.D  
 Acq: 28 Jan 2021 16:34

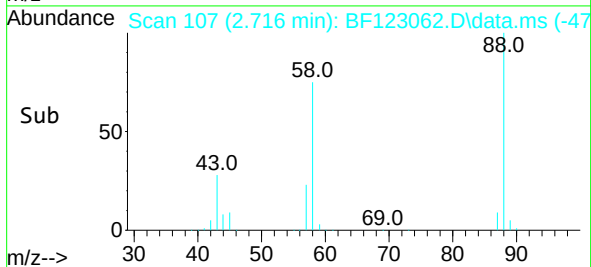
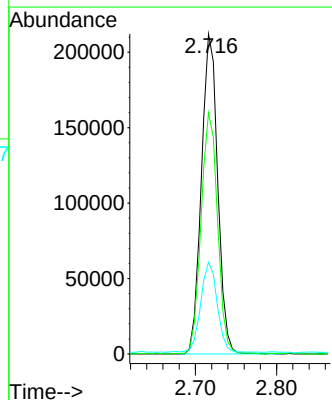
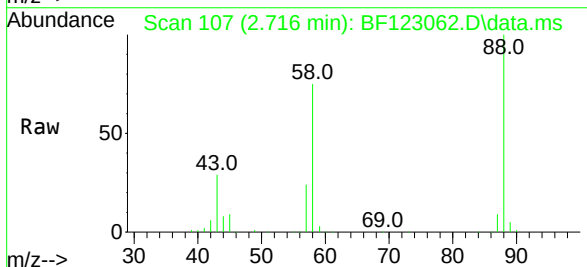
Instrument :  
 BNA\_F  
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 PS1419LNMS

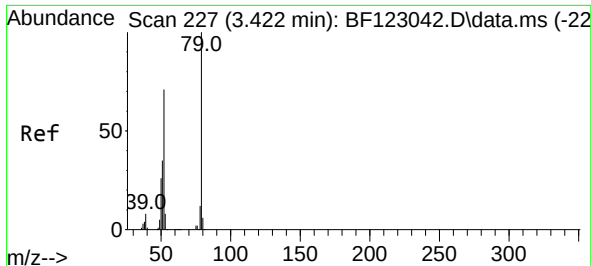
Tgt Ion:152 Resp: 261087  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 125.8 188.6  
 115 61.2 49.3 73.9



#2  
 1,4-Dioxane  
 Concen: 35.13 ng  
 RT: 2.716 min Scan# 107  
 Delta R.T. 0.053 min  
 Lab File: BF123062.D  
 Acq: 28 Jan 2021 16:34

Tgt Ion: 88 Resp: 295810  
 Ion Ratio Lower Upper  
 88 100  
 58 76.5 56.2 84.2  
 43 28.6 21.8 32.6

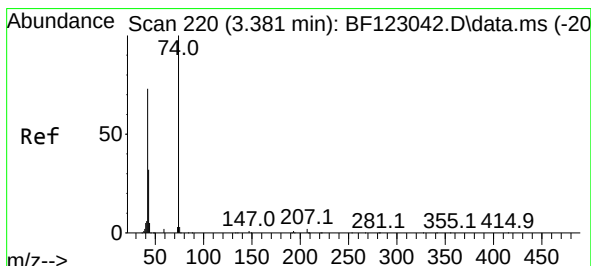
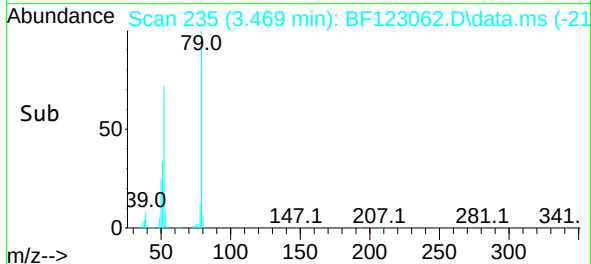
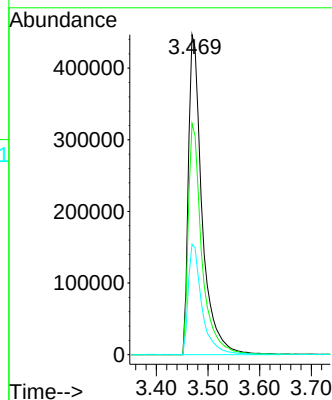
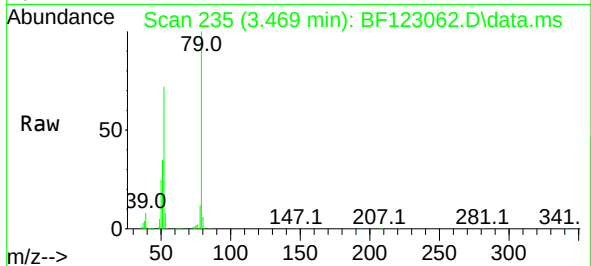




#3  
Pyridine  
Concen: 36.57 ng  
RT: 3.469 min Scan# 235  
Delta R.T. 0.047 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

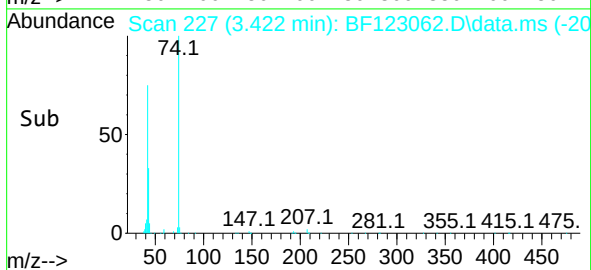
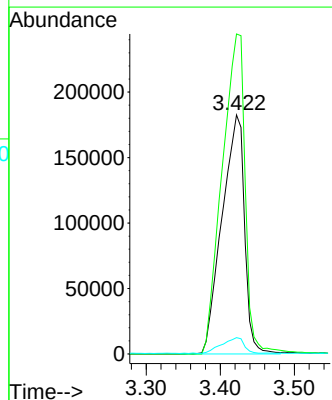
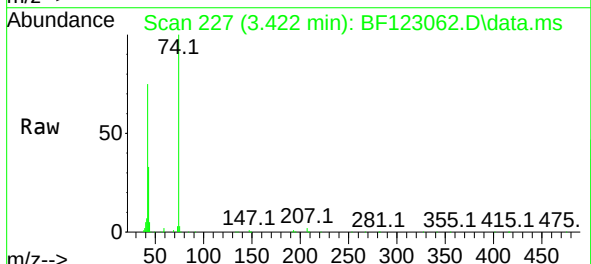
Instrument :  
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ClientSampleId :  
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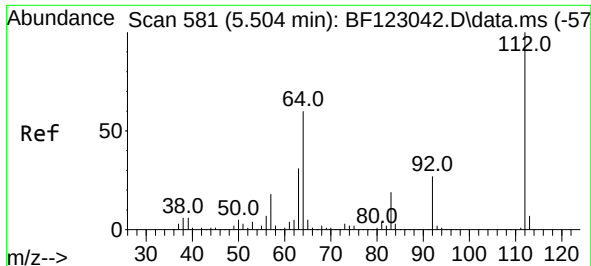
Tgt Ion: 79 Resp: 823656  
Ion Ratio Lower Upper  
79 100  
52 72.3 53.0 79.4  
51 34.6 26.6 39.8



#4  
n-Nitrosodimethylamine  
Concen: 40.64 ng  
RT: 3.422 min Scan# 227  
Delta R.T. 0.041 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion: 42 Resp: 385137  
Ion Ratio Lower Upper  
42 100  
74 133.9 115.2 172.8  
44 6.8 5.4 8.0

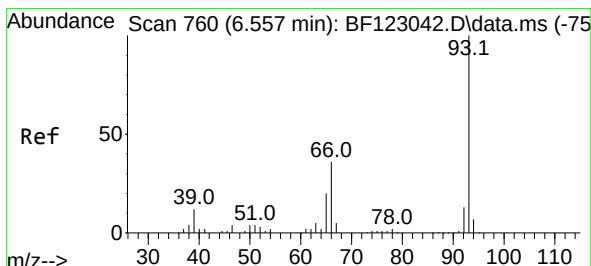
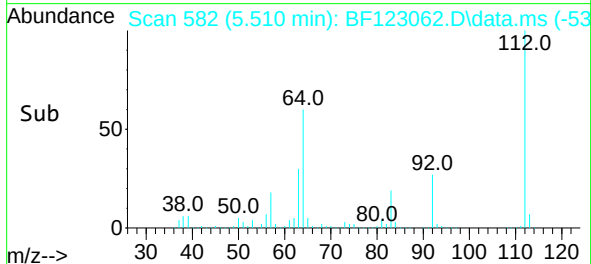
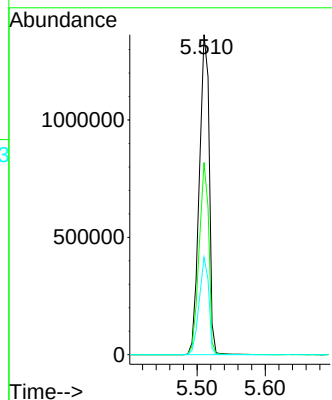
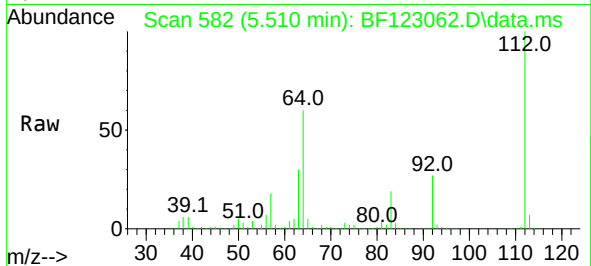




#5  
2-Fluorophenol  
Concen: 81.94 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

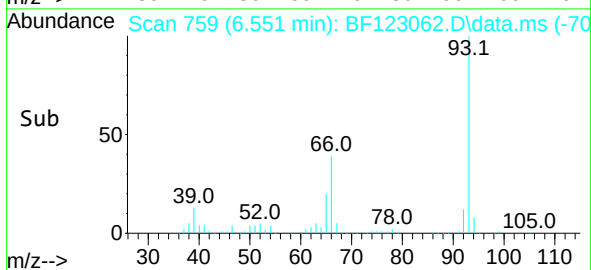
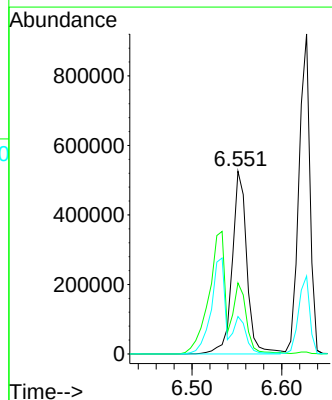
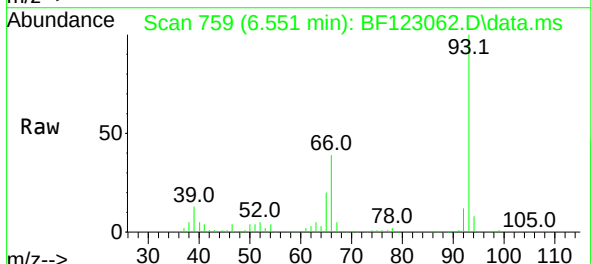
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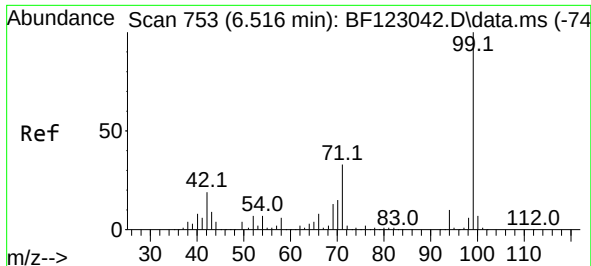
Tgt Ion:112 Resp: 1386865  
Ion Ratio Lower Upper  
112 100  
64 60.0 46.9 70.3  
63 30.4 24.5 36.7



#6  
Aniline  
Concen: 21.10 ng  
RT: 6.551 min Scan# 759  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion: 93 Resp: 595700  
Ion Ratio Lower Upper  
93 100  
66 38.9 31.3 46.9  
65 20.5 15.6 23.4



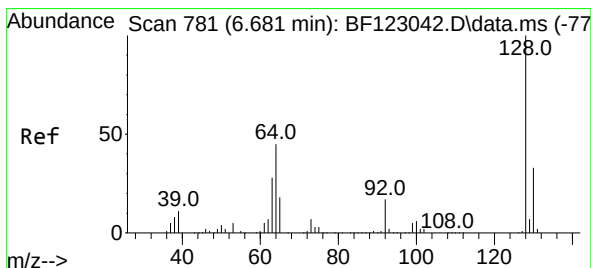
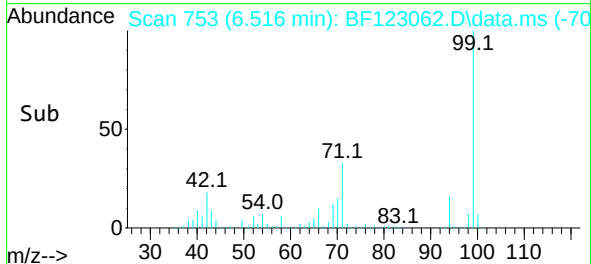
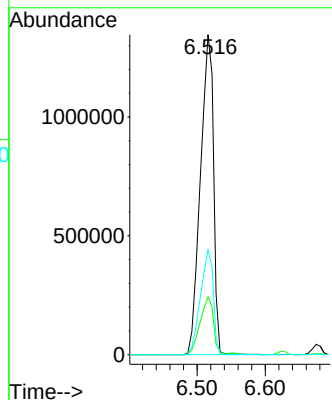
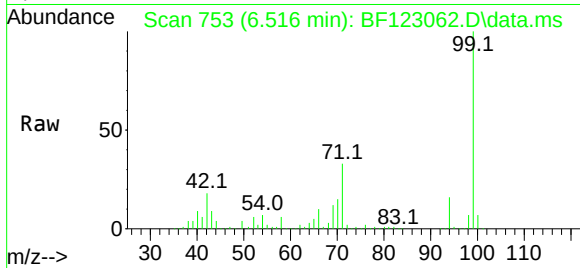


#7  
Phenol-d6  
Concen: 78.08 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

Tgt Ion: 99 Resp: 1791284

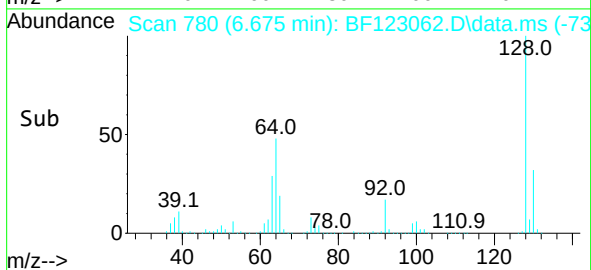
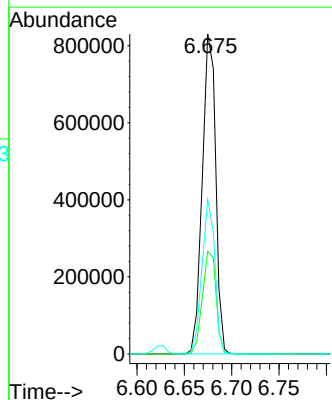
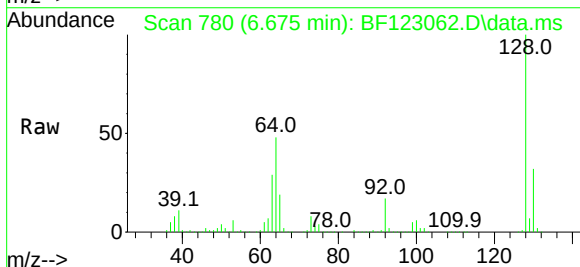
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|-----|-------|-------|-------|
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| 42  | 18.0  | 13.8  | 20.6  |
| 71  | 32.8  | 26.9  | 40.3  |

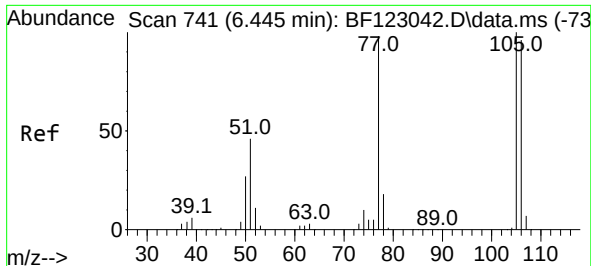


#8  
2-Chlorophenol  
Concen: 44.58 ng  
RT: 6.675 min Scan# 780  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion: 128 Resp: 817891

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 12.3  | 52.3  |
| 64  | 48.3  | 25.5  | 65.5  |

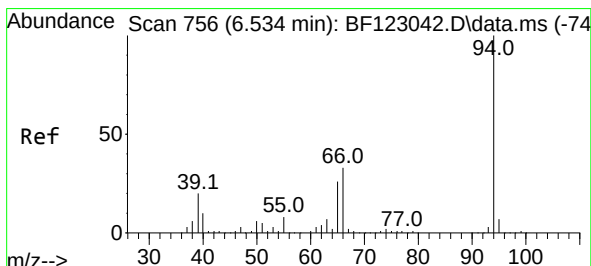
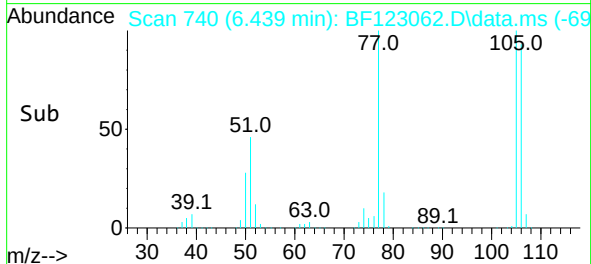
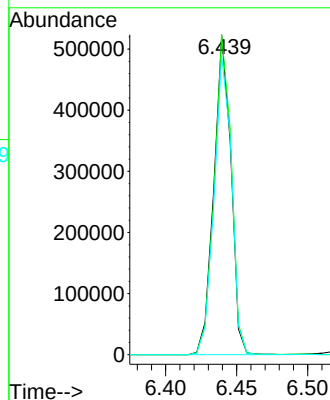
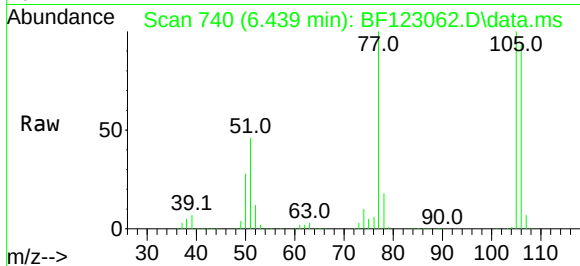




#9  
Benzaldehyde  
Concen: 41.63 ng  
RT: 6.439 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

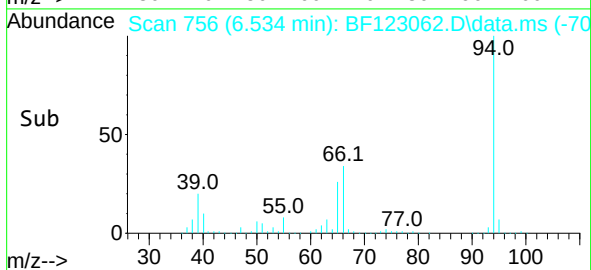
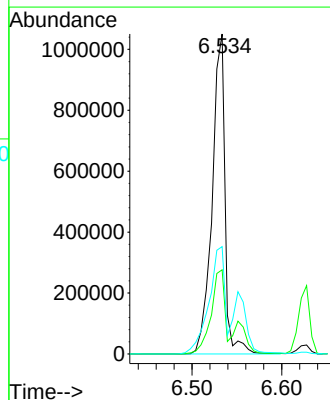
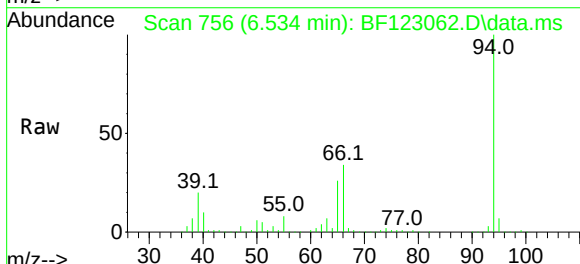
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 436631 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 100.0 | 80.6  | 120.6  |
| 106      | 93.5  | 77.2  | 117.2  |

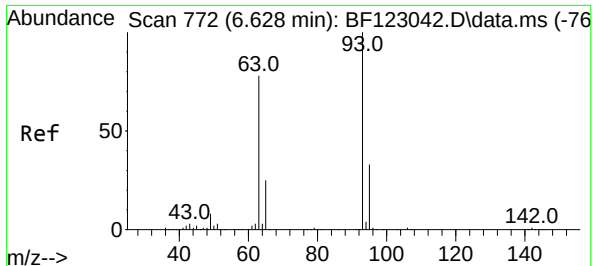


#10  
Phenol  
Concen: 46.11 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1049201 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 26.3  | 11.2  | 51.2    |
| 66       | 33.6  | 25.8  | 65.8    |



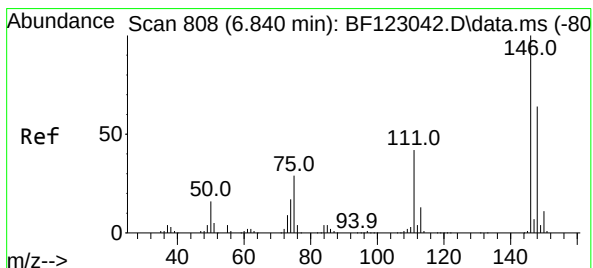
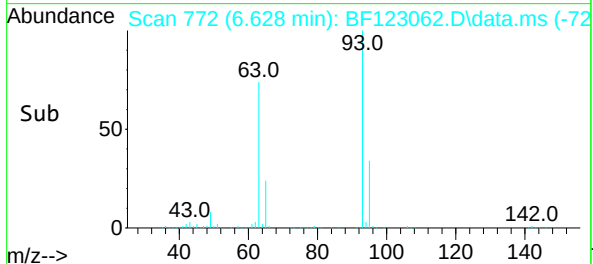
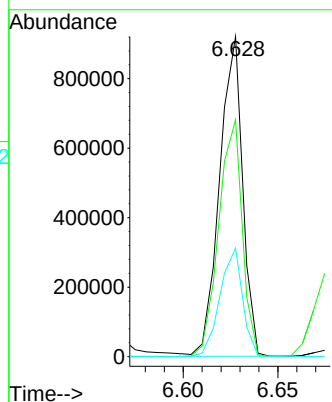
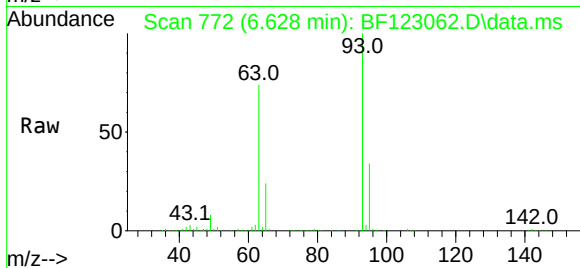




#11  
bis(2-Chloroethyl)ether  
Concen: 41.13 ng  
RT: 6.628 min Scan# 772  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

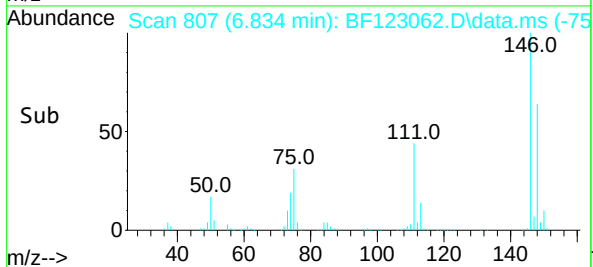
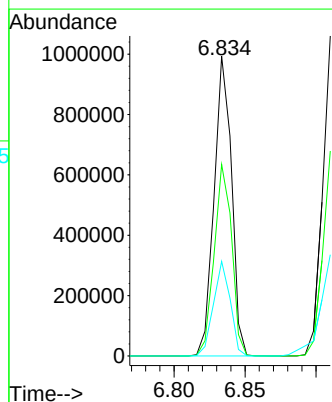
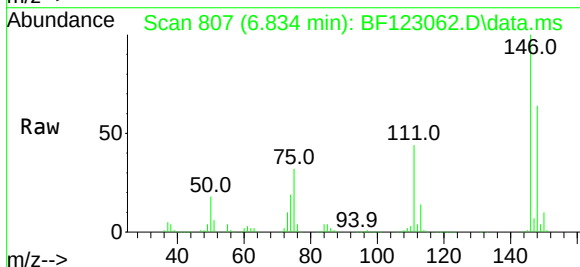
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

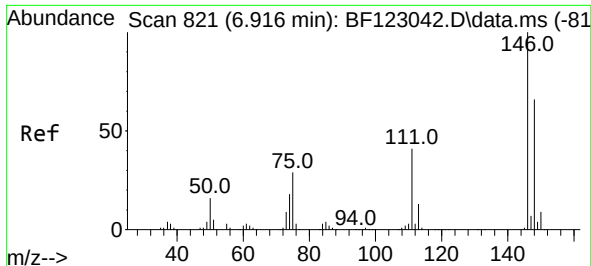
Tgt Ion: 93 Resp: 778732  
Ion Ratio Lower Upper  
93 100  
63 74.0 52.6 92.6  
95 34.0 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 39.66 ng  
RT: 6.834 min Scan# 807  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:146 Resp: 848623  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.8 77.8  
75 31.5 22.5 33.7

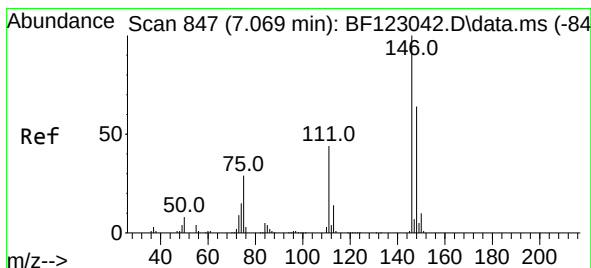
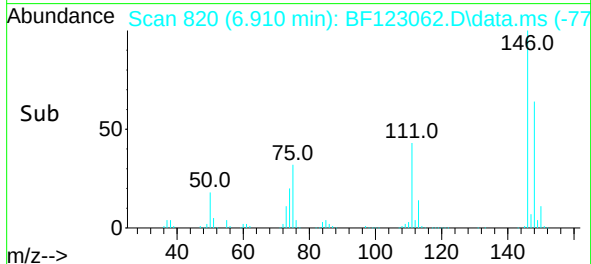
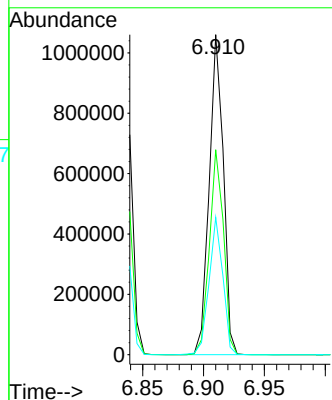
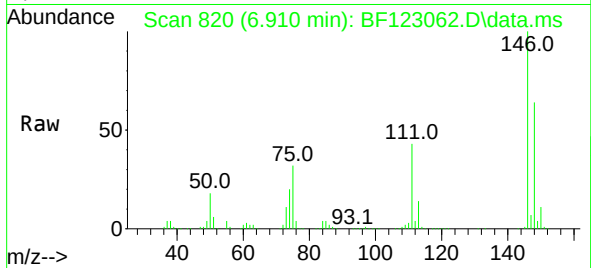




#13  
1,4-Dichlorobenzene  
Concen: 38.34 ng  
RT: 6.910 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

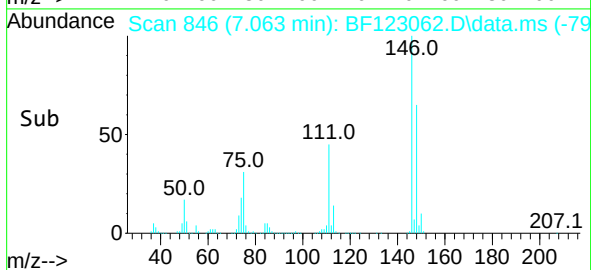
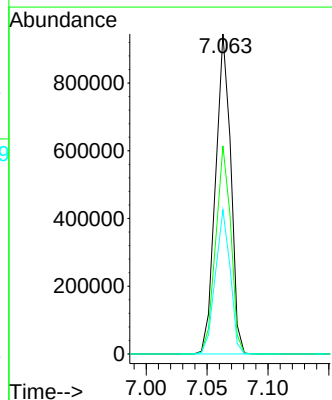
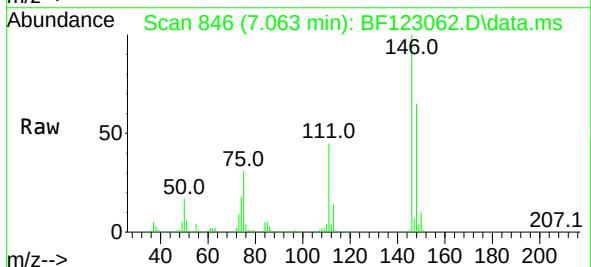
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

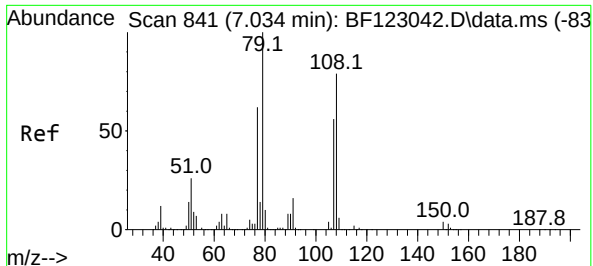
Tgt Ion:146 Resp: 854260  
Ion Ratio Lower Upper  
146 100  
148 64.1 52.0 78.0  
111 42.9 32.3 48.5



#14  
1,2-Dichlorobenzene  
Concen: 39.40 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:146 Resp: 821331  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.5 77.3  
111 45.0 34.2 51.2





#15

Benzyl Alcohol

Concen: 42.39 ng

RT: 7.034 min Scan# 841

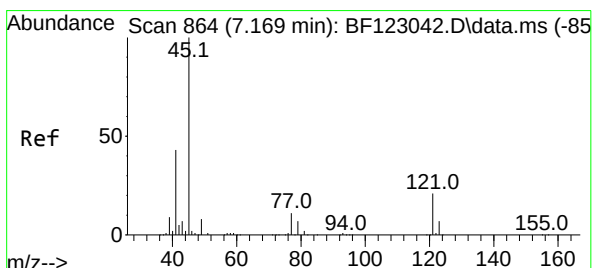
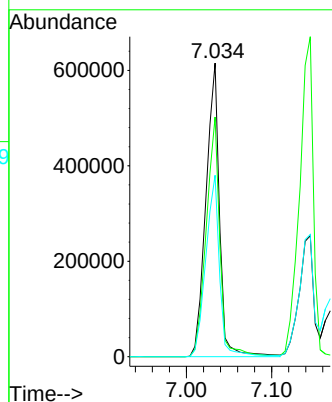
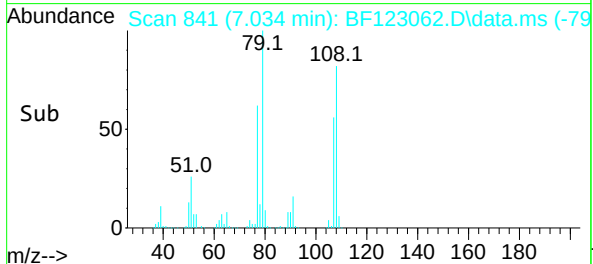
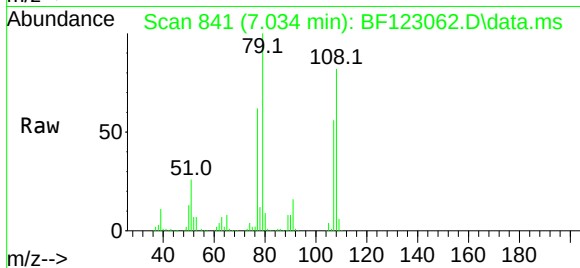
Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion: 79 Resp: 681741

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 81.6  | 62.4  | 93.6  |
| 77  | 61.8  | 49.0  | 73.6  |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.35 ng

RT: 7.169 min Scan# 864

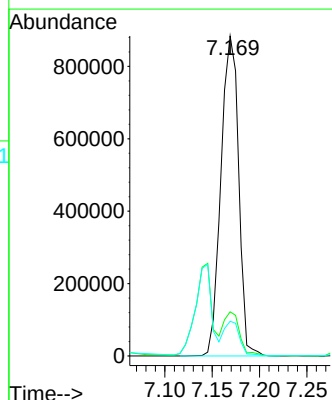
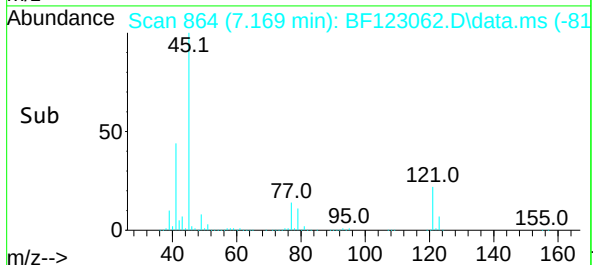
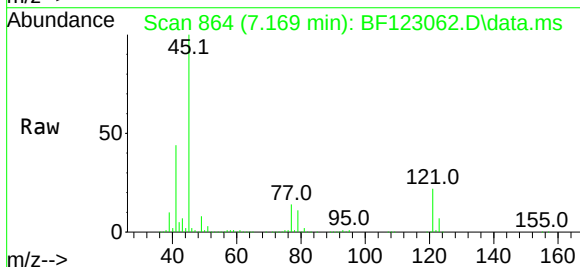
Delta R.T. -0.000 min

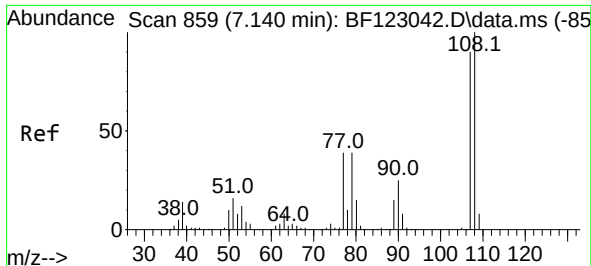
Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion: 45 Resp: 1148791

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 13.8  | 0.0   | 35.6  |
| 79  | 10.9  | 0.0   | 32.4  |

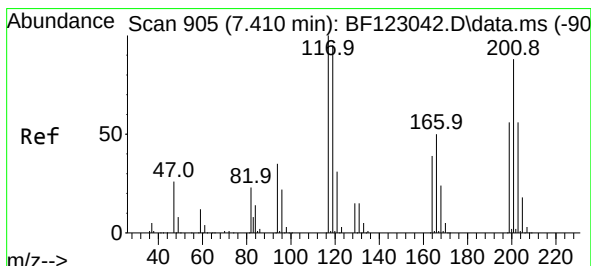
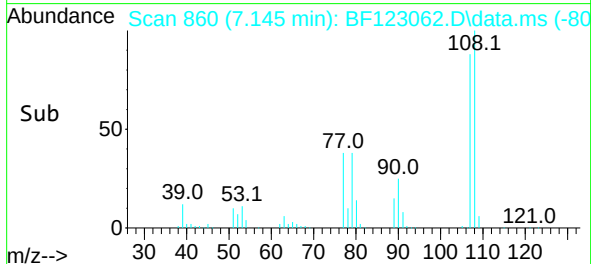
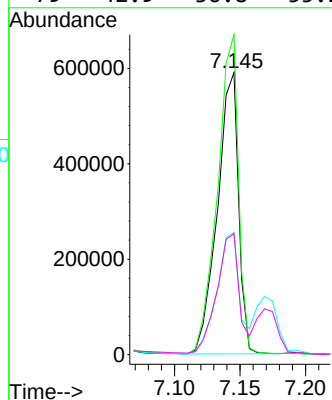
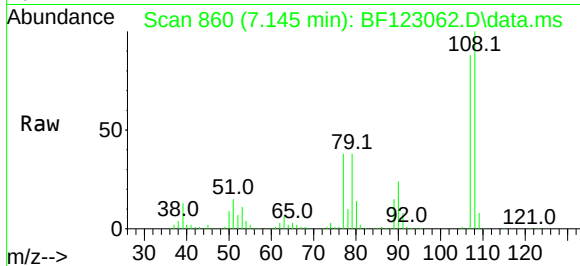




#17  
2-Methylphenol  
Concen: 42.27 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

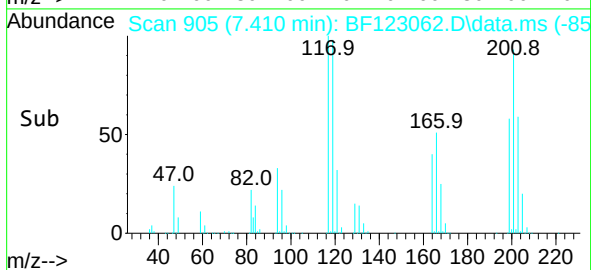
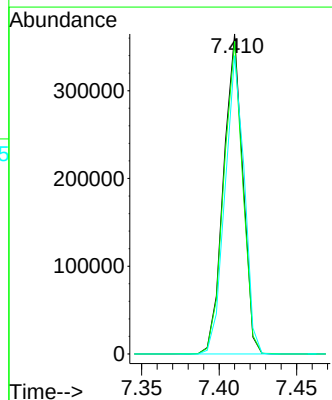
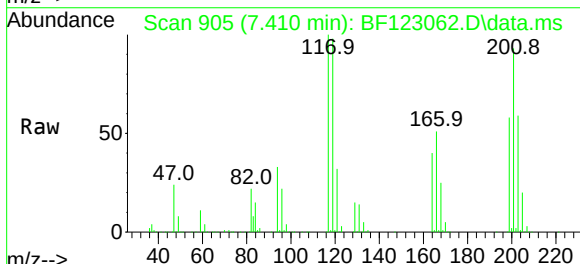
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

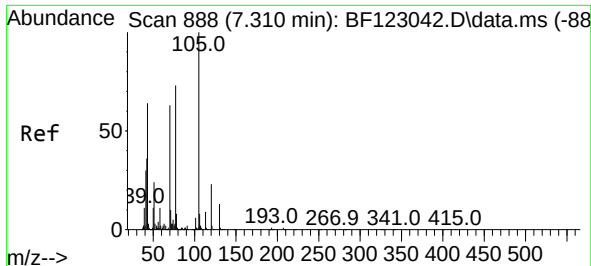
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 659842 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.4 | 91.1  | 136.7  |
| 77       | 43.3  | 36.3  | 54.5   |
| 79       | 42.9  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 40.20 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 313722 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.6  | 78.4  | 117.6  |
| 201      | 93.2  | 79.6  | 119.4  |

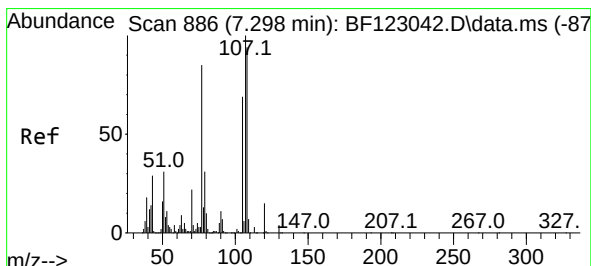
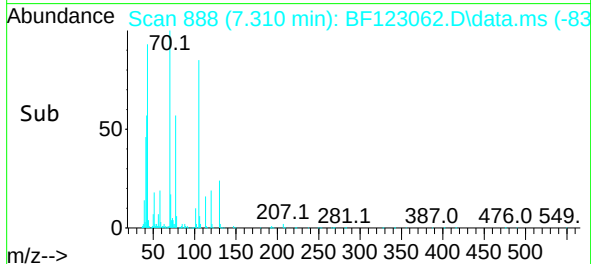
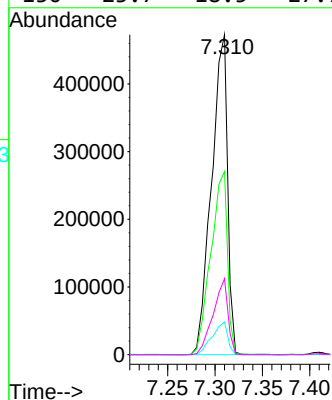
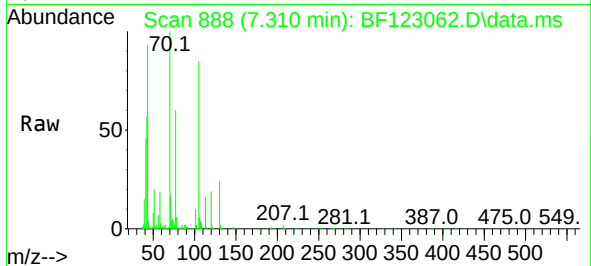




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.21 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

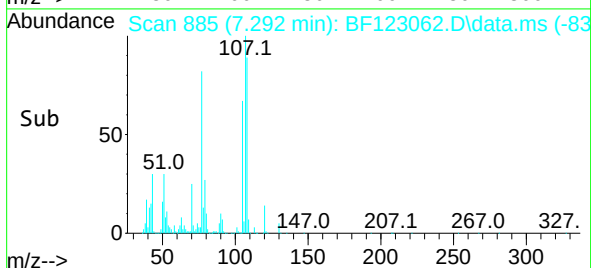
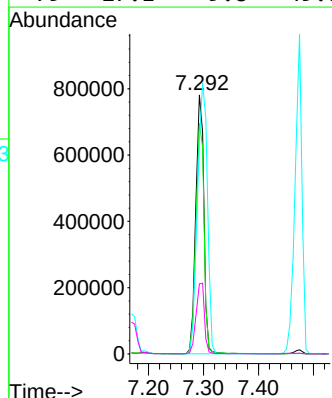
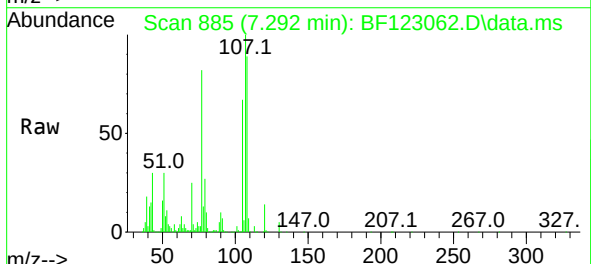
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

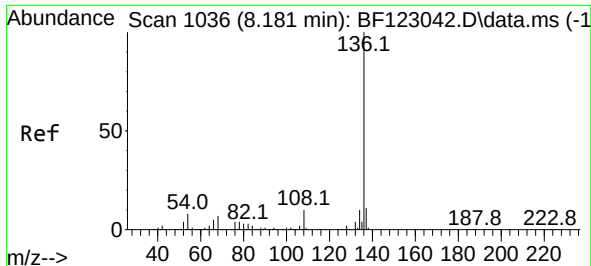
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 554704 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.3  | 43.0  | 64.4   |
| 101      | 10.3  | 7.9   | 11.9   |
| 130      | 23.7  | 18.5  | 27.7   |



#20  
3+4-Methylphenols  
Concen: 43.18 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

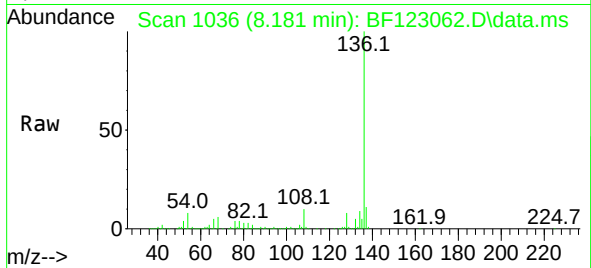
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 793944 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.9  | 68.7  | 108.7  |
| 77       | 82.4  | 89.8  | 129.8# |
| 79       | 27.1  | 9.8   | 49.8   |





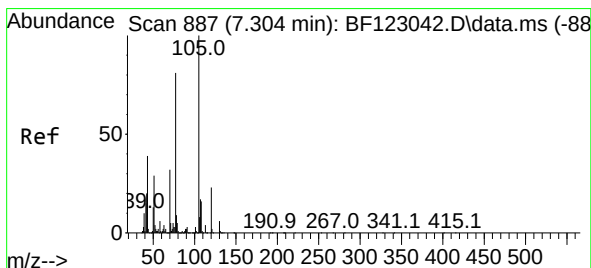
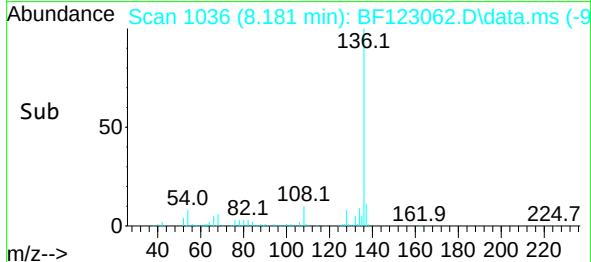
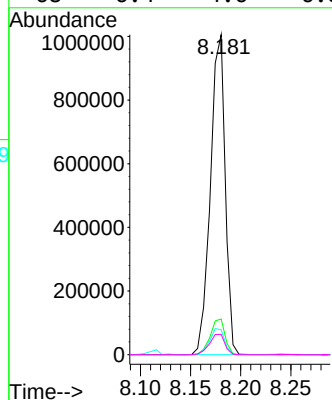
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS



Tgt Ion:136 Resp: 1034961

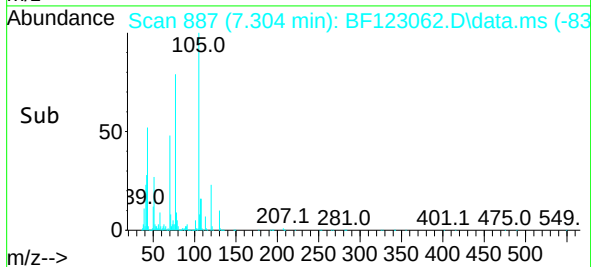
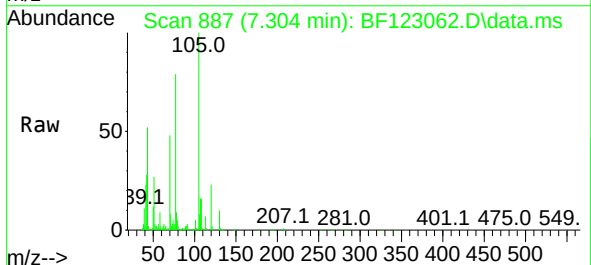
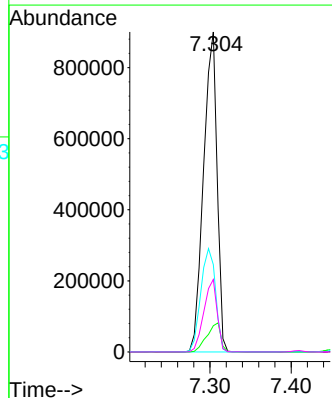
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.8   | 13.2  |
| 54  | 7.8   | 5.5   | 8.3   |
| 68  | 6.4   | 4.6   | 6.8   |

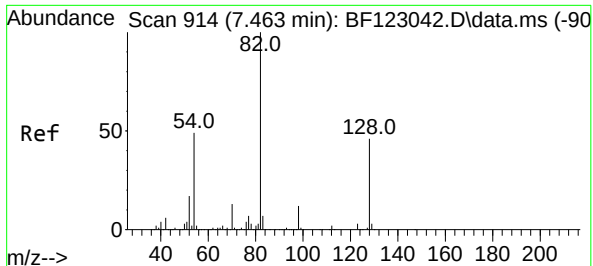


#22  
Acetophenone  
Concen: 38.59 ng  
RT: 7.304 min Scan# 887  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:105 Resp: 1040734

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.2   | 6.5   | 9.7   |
| 51  | 27.3  | 24.3  | 36.5  |
| 120 | 22.6  | 18.1  | 27.1  |





#23

Nitrobenzene-d5

Concen: 54.06 ng

RT: 7.457 min Scan# 913

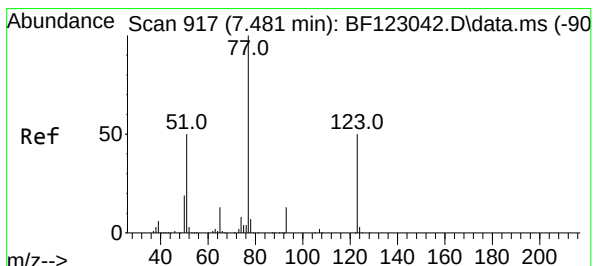
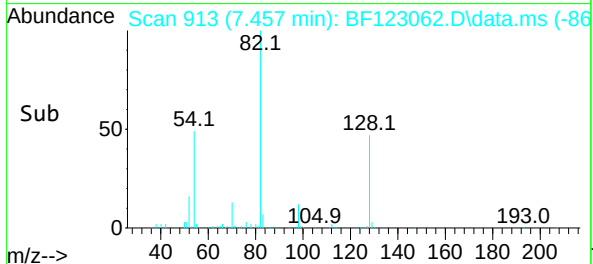
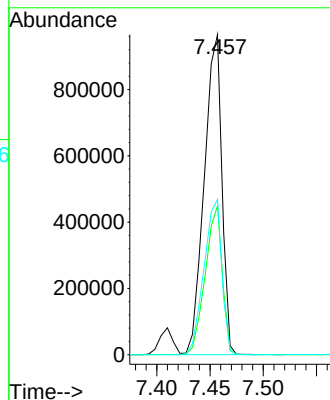
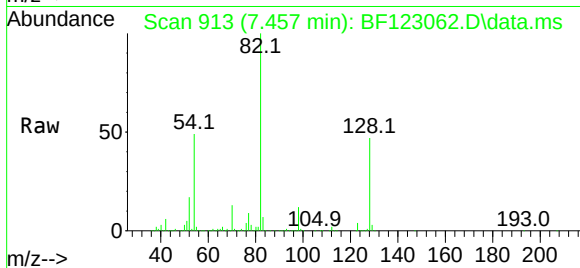
Delta R.T. -0.006 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion: 82 Resp: 1111739

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.6  | 37.0  | 55.4  |
| 54  | 48.5  | 38.4  | 57.6  |



#24

Nitrobenzene

Concen: 40.21 ng

RT: 7.475 min Scan# 916

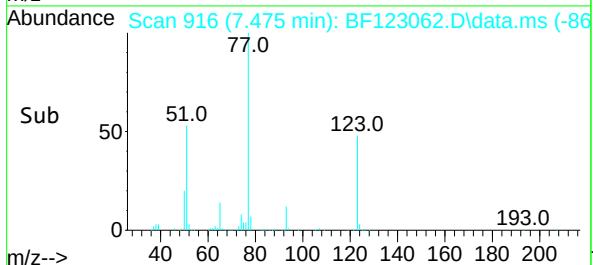
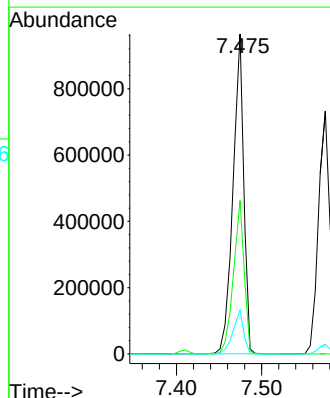
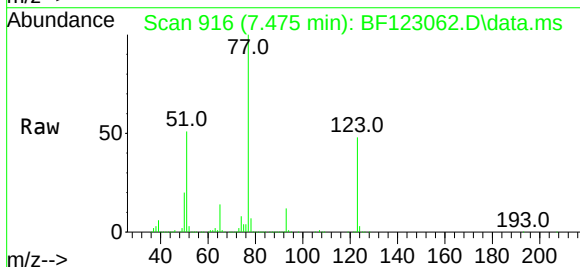
Delta R.T. -0.006 min

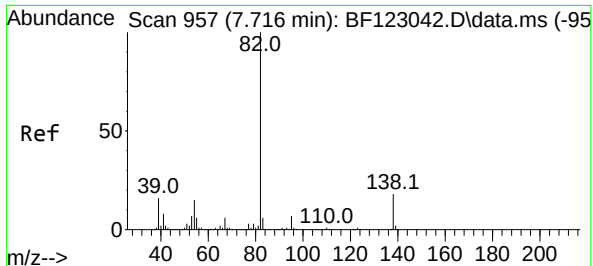
Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion: 77 Resp: 851991

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 48.0  | 39.3  | 58.9  |
| 65  | 13.7  | 10.6  | 15.8  |

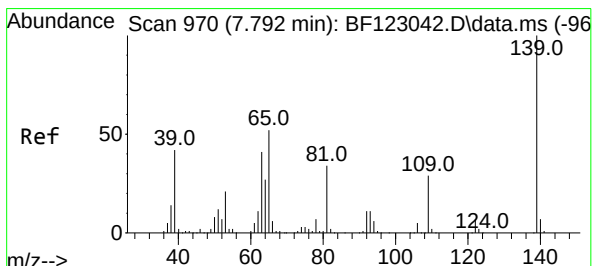
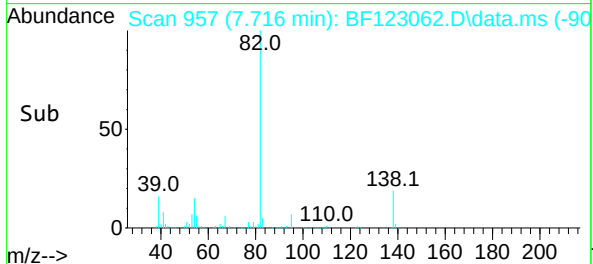
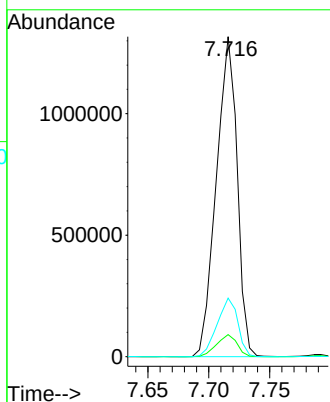
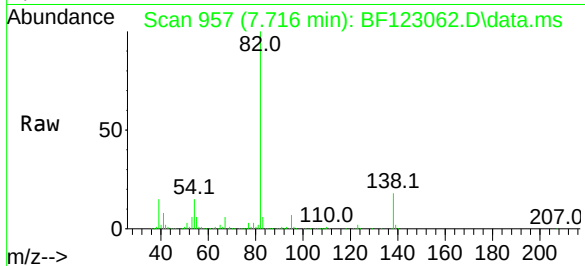




#25  
Isophorone  
Concen: 41.64 ng  
RT: 7.716 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

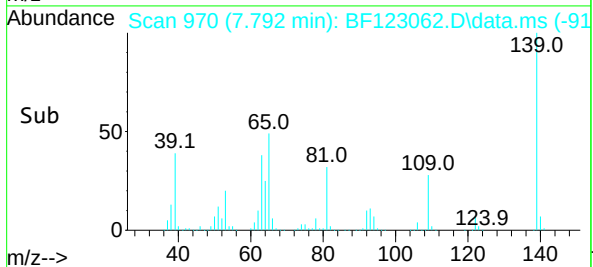
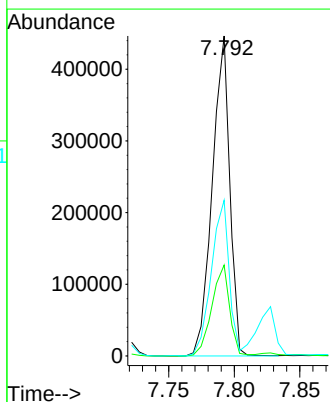
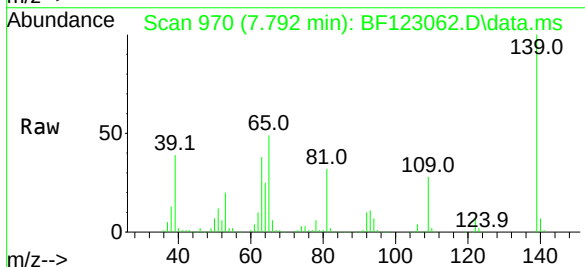
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

Tgt Ion: 82 Resp: 1568447  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.8 8.6  
138 18.3 14.6 21.8

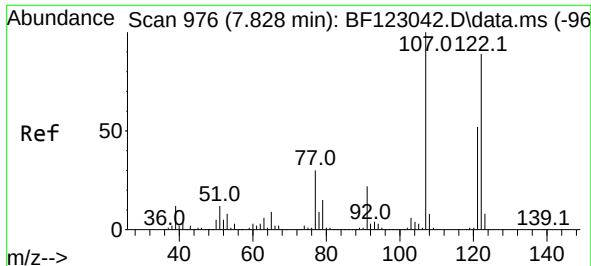


#26  
2-Nitrophenol  
Concen: 47.13 ng  
RT: 7.792 min Scan# 970  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion: 139 Resp: 412977  
Ion Ratio Lower Upper  
139 100  
109 28.4 24.0 36.0  
65 48.7 40.9 61.3







#27

2,4-Dimethylphenol

Concen: 46.51 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

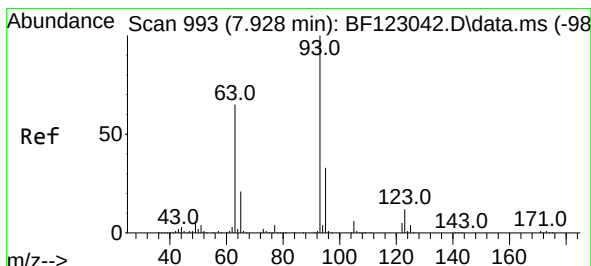
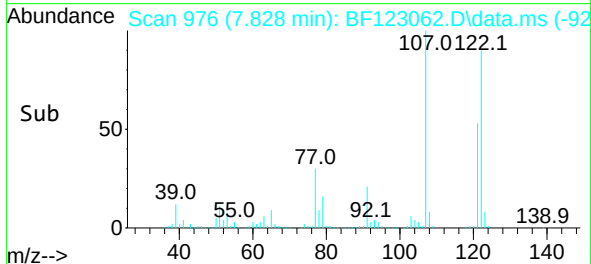
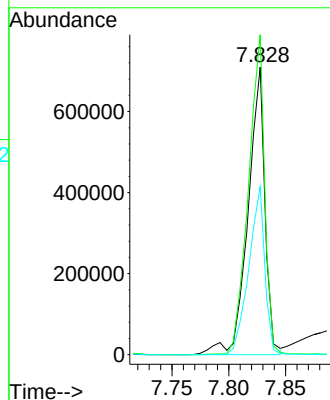
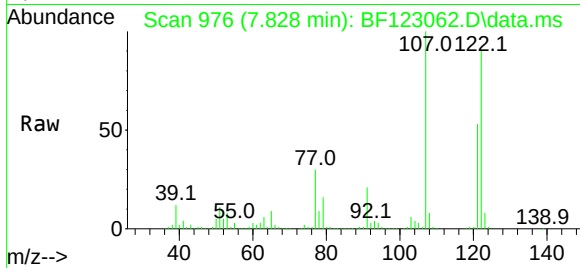
Tgt Ion:122 Resp: 735263

Ion Ratio Lower Upper

122 100

107 111.3 91.8 137.8

121 58.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.93 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

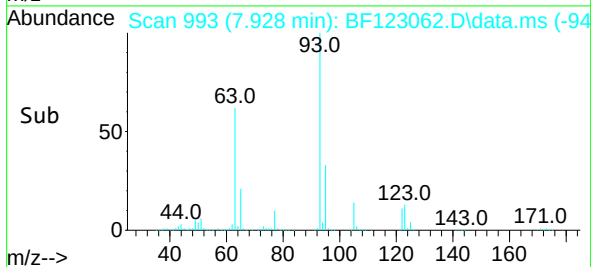
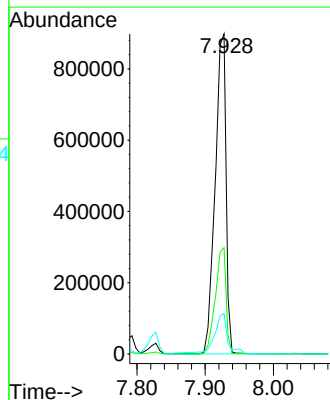
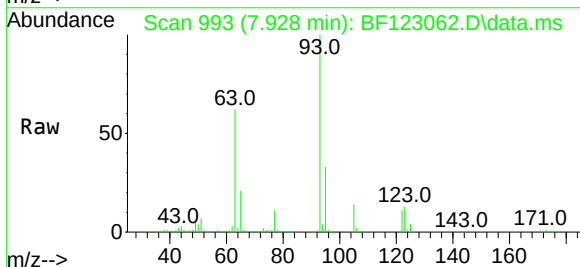
Tgt Ion: 93 Resp: 1000663

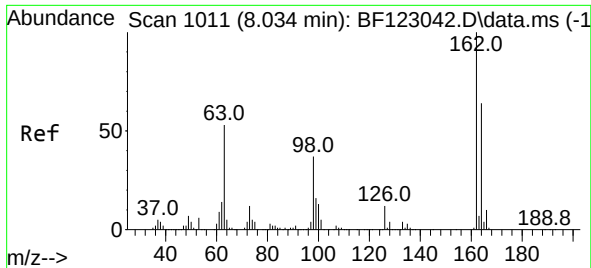
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 12.7 9.2 13.8

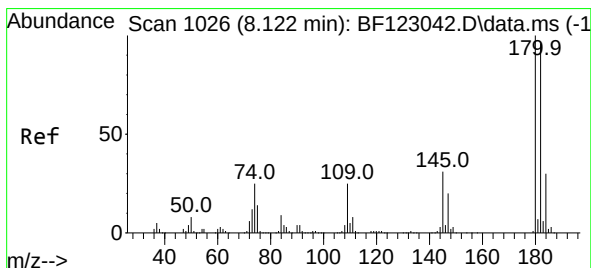
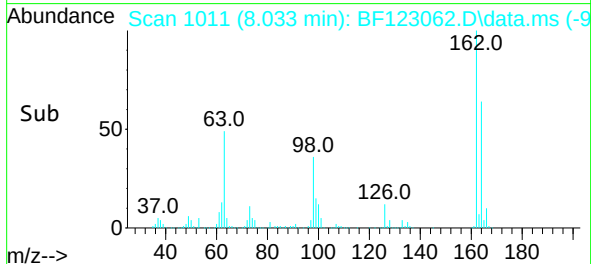
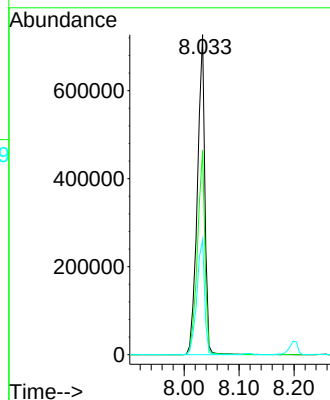
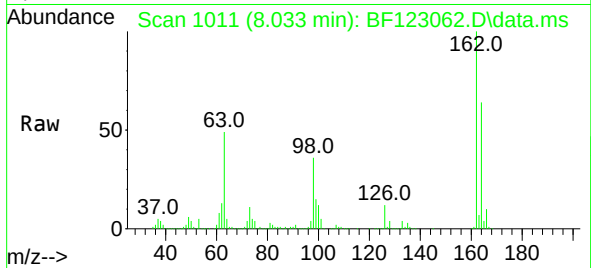




#29  
2,4-Dichlorophenol  
Concen: 41.76 ng  
RT: 8.033 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

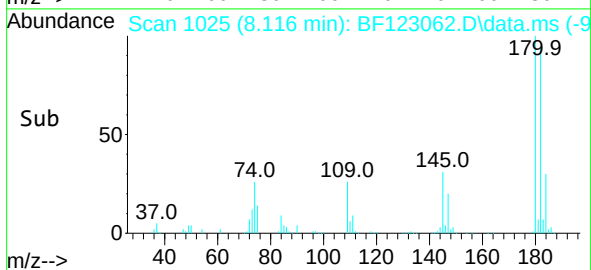
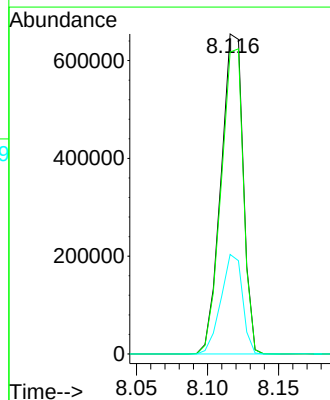
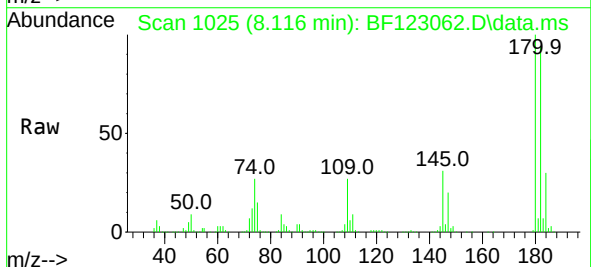
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

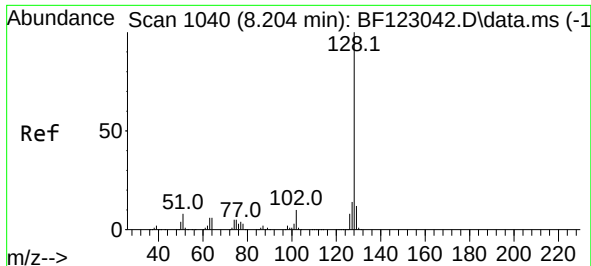
Tgt Ion:162 Resp: 690356  
Ion Ratio Lower Upper  
162 100  
164 63.8 43.2 83.2  
98 35.9 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 38.25 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:180 Resp: 712348  
Ion Ratio Lower Upper  
180 100  
182 94.4 75.7 113.5  
145 31.1 25.0 37.4

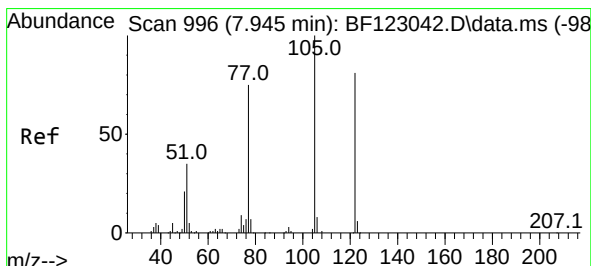
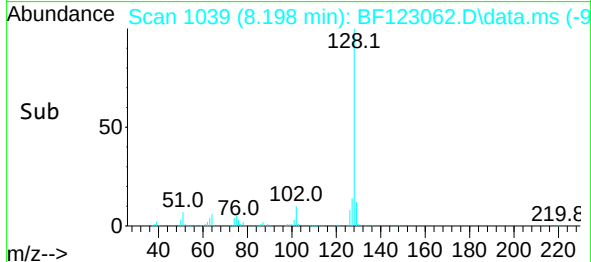
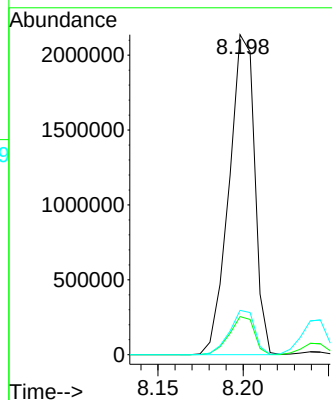
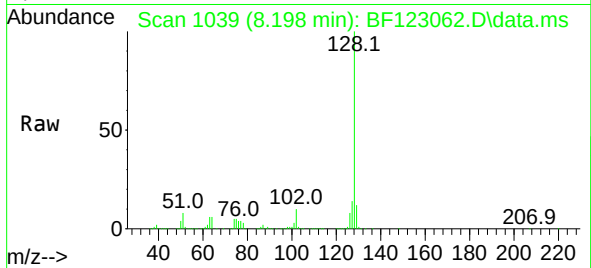




#31  
Naphthalene  
Concen: 39.39 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

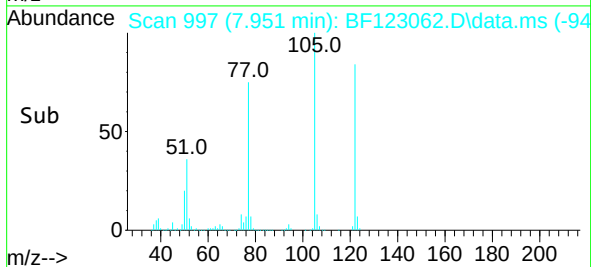
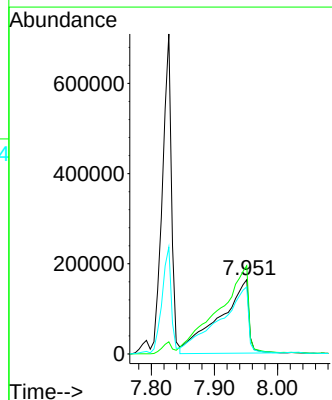
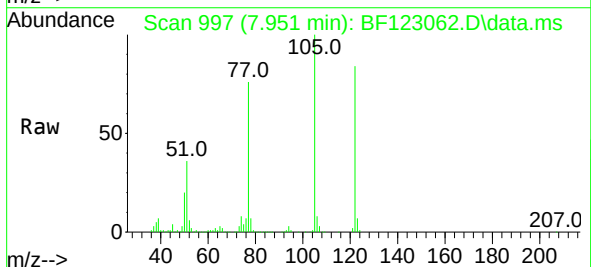
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

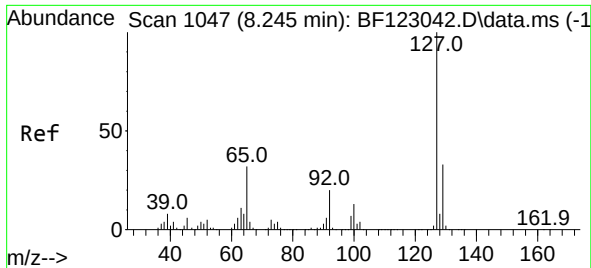
Tgt Ion:128 Resp: 2236255  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.0 13.6  
127 13.9 10.7 16.1



#32  
Benzoic acid  
Concen: 41.74 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:122 Resp: 522445  
Ion Ratio Lower Upper  
122 100  
105 119.0 104.8 144.8  
77 90.4 71.0 111.0

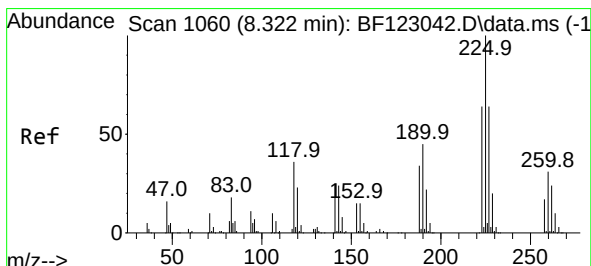
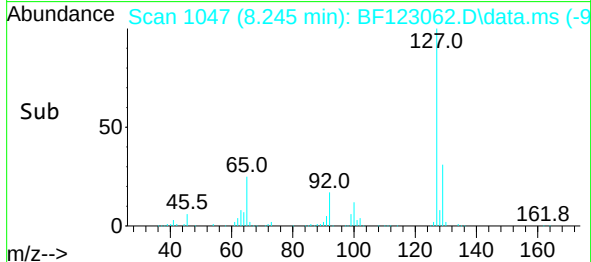
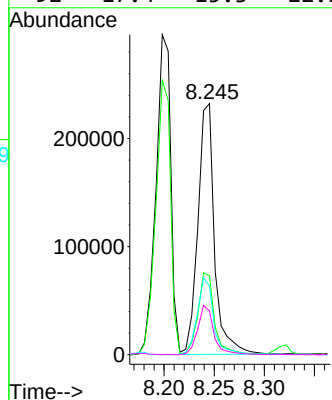
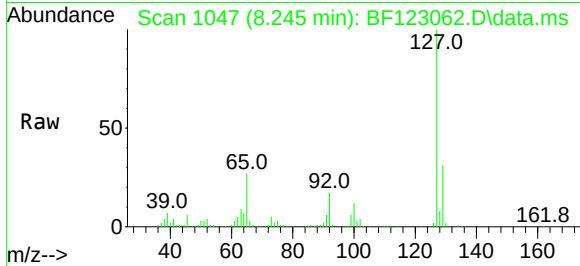




#33  
4-Chloroaniline  
Concen: 10.65 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

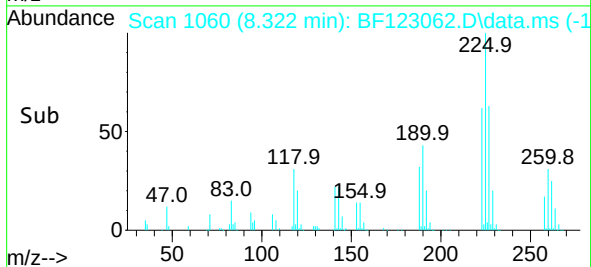
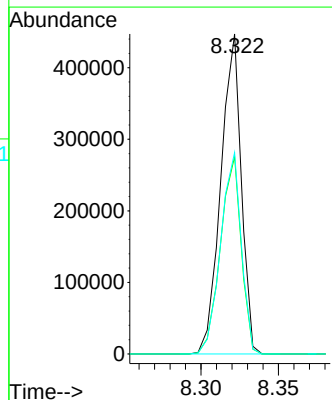
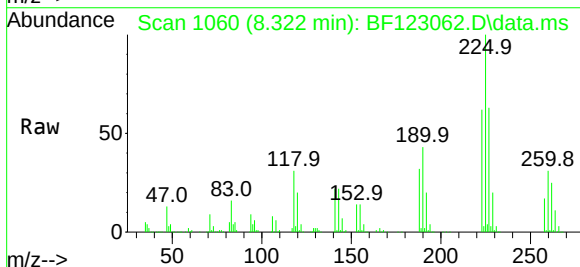
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

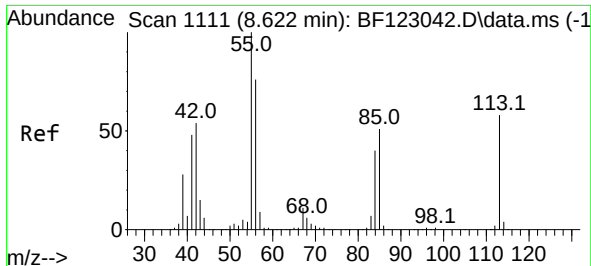
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 268282 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 31.4    | 26.2 39.2    |
| 65 27.5     | 22.2 33.2    |
| 92 17.4     | 15.3 22.9    |



#34  
Hexachlorobutadiene  
Concen: 38.03 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 409155 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 61.6    | 50.7  | 76.1   |
| 227 | 62.9    | 51.7  | 77.5   |

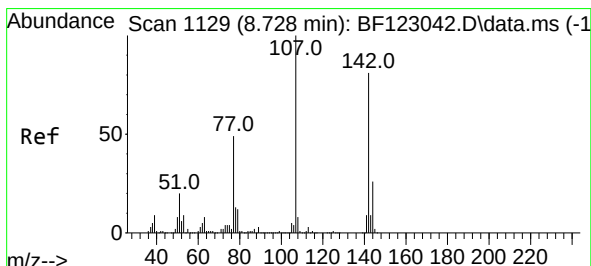
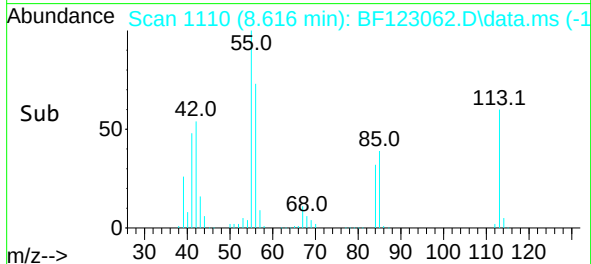
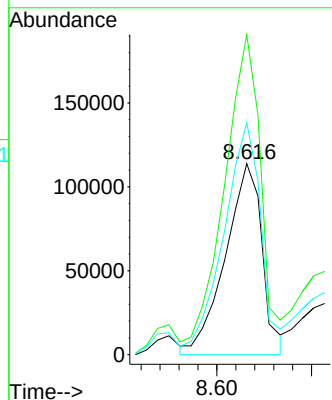
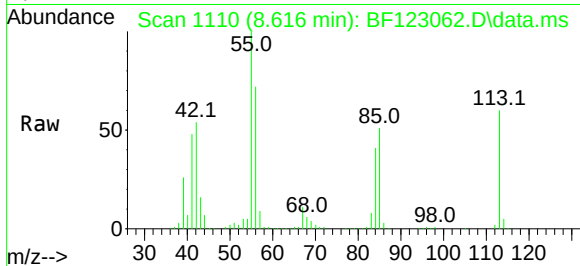




#35  
 Caprolactam  
 Concen: 27.38 ng  
 RT: 8.616 min Scan# 1110  
 Delta R.T. -0.006 min  
 Lab File: BF123062.D  
 Acq: 28 Jan 2021 16:34

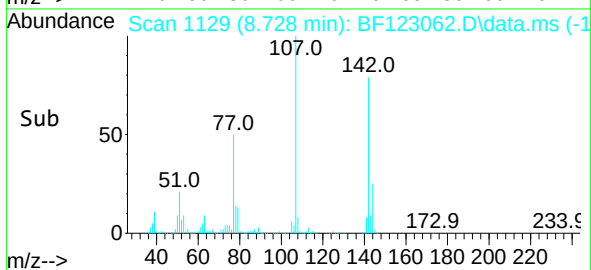
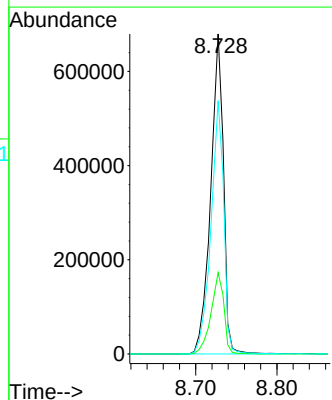
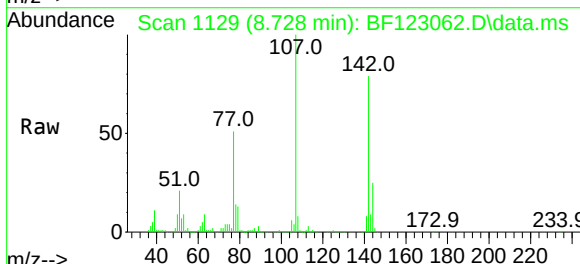
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PS1419LNMS

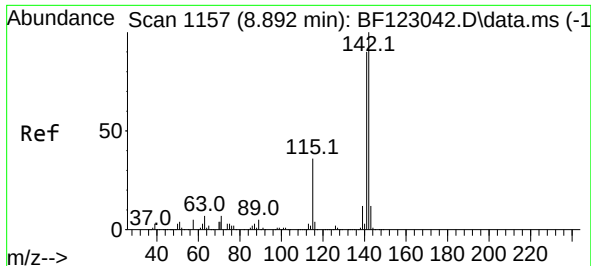
Tgt Ion:113 Resp: 152973  
 Ion Ratio Lower Upper  
 113 100  
 55 167.5 133.7 173.7  
 56 121.4 95.3 135.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.14 ng  
 RT: 8.728 min Scan# 1129  
 Delta R.T. -0.000 min  
 Lab File: BF123062.D  
 Acq: 28 Jan 2021 16:34

Tgt Ion:107 Resp: 741565  
 Ion Ratio Lower Upper  
 107 100  
 144 25.5 20.2 30.2  
 142 79.1 64.4 96.6

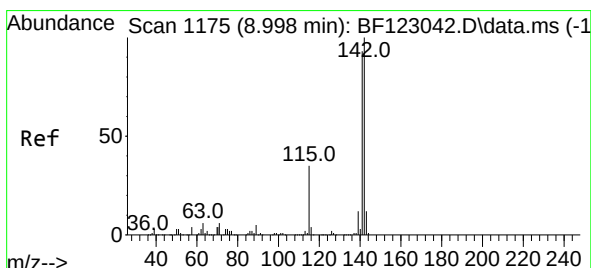
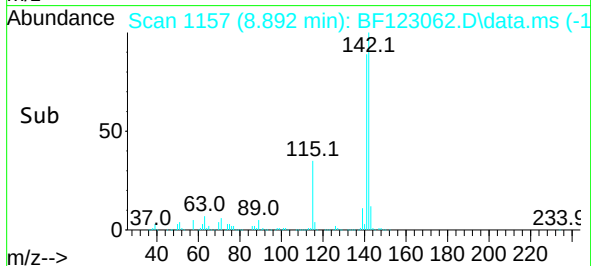
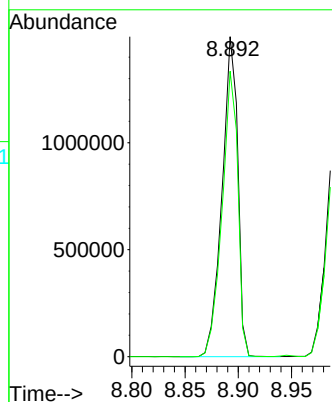
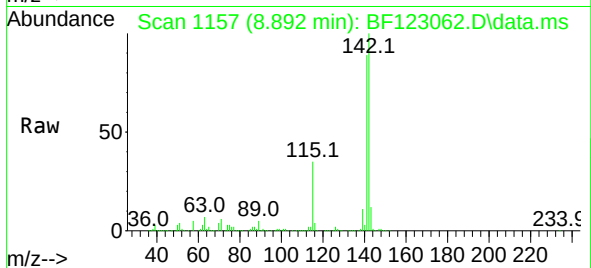




#37  
2-Methylnaphthalene  
Concen: 40.55 ng  
RT: 8.892 min Scan# 1157  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

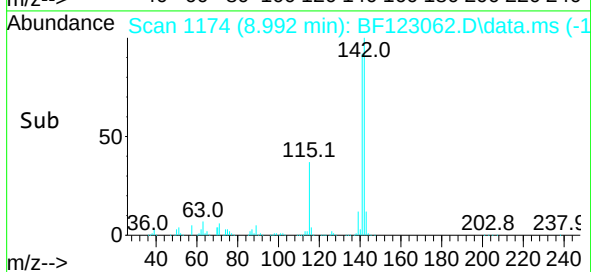
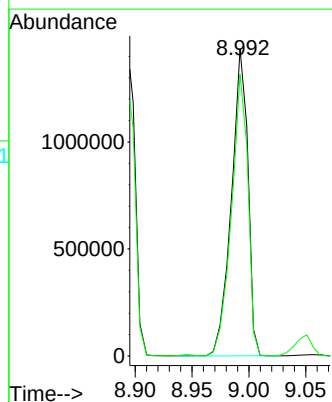
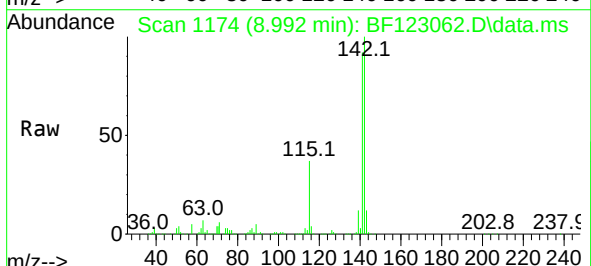
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

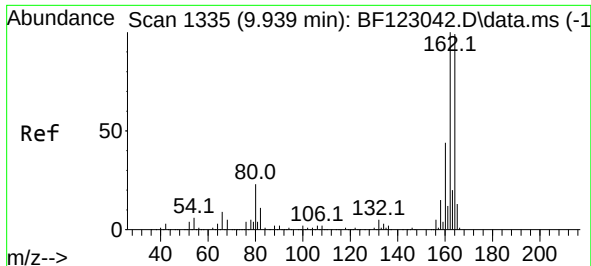
Tgt Ion:142 Resp: 1528388  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.6 106.0



#38  
1-Methylnaphthalene  
Concen: 40.46 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:142 Resp: 1443610  
Ion Ratio Lower Upper  
142 100  
141 91.7 74.5 111.7

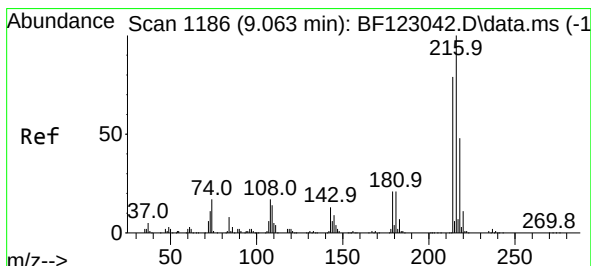
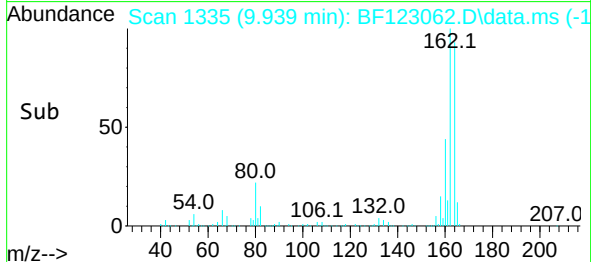
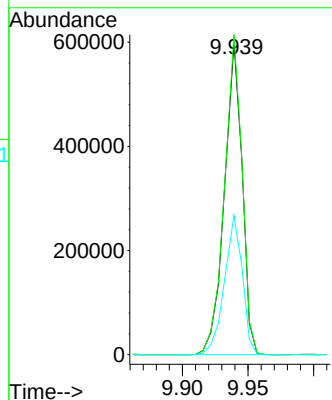
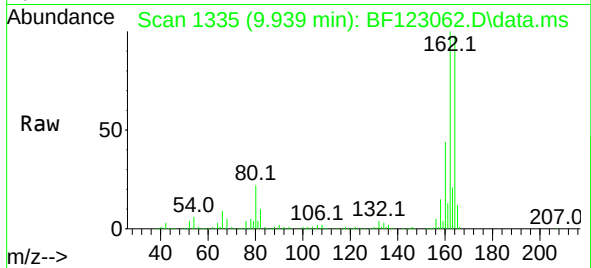




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

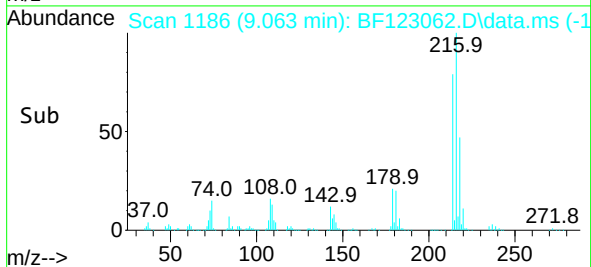
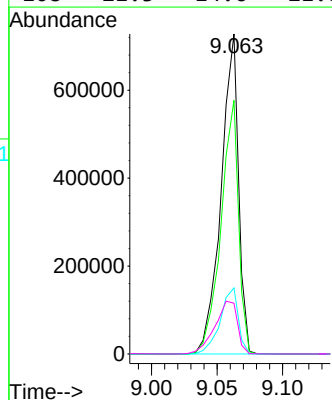
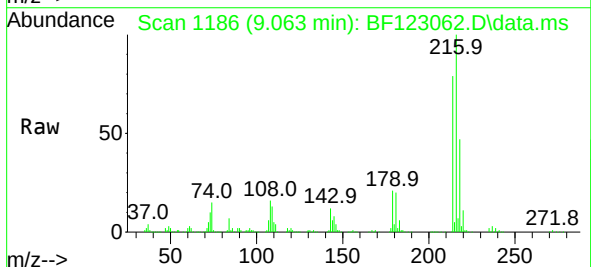
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

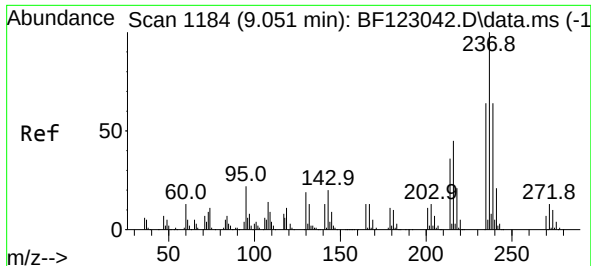
Tgt Ion:164 Resp: 564016  
Ion Ratio Lower Upper  
164 100  
162 102.6 80.8 121.2  
160 44.6 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.30 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:216 Resp: 672055  
Ion Ratio Lower Upper  
216 100  
214 79.6 63.1 94.7  
179 21.4 17.1 25.7  
108 21.3 14.6 21.8

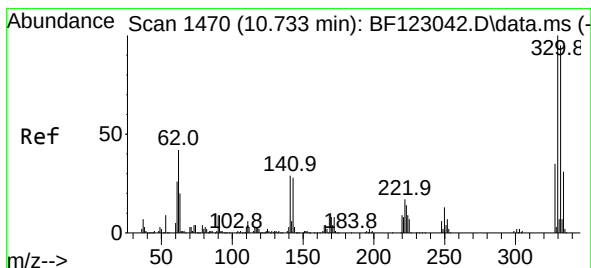
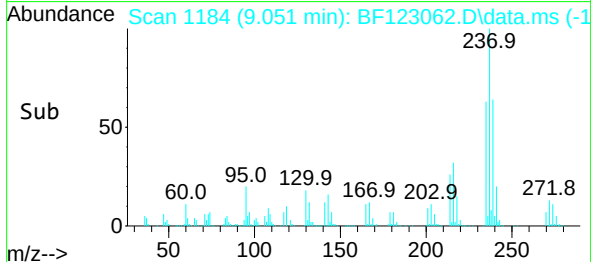
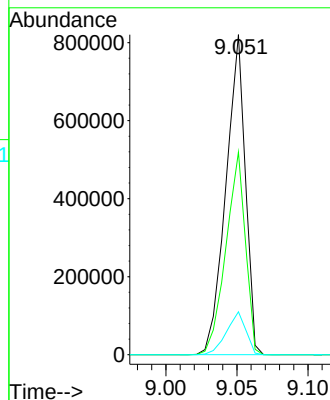
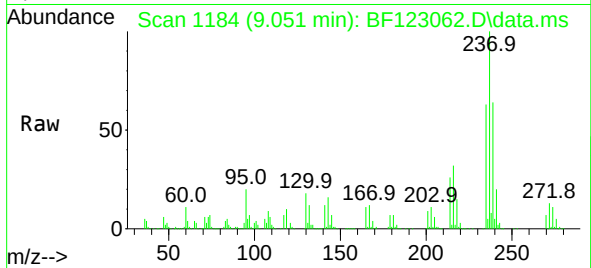




#41  
Hexachlorocyclopentadiene  
Concen: 93.89 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

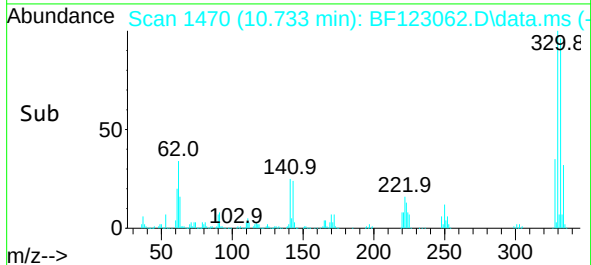
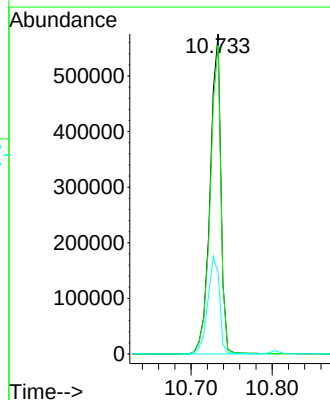
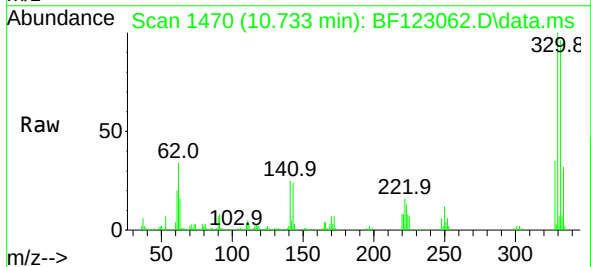
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

Tgt Ion:237 Resp: 782007  
Ion Ratio Lower Upper  
237 100  
235 63.3 40.9 80.9  
272 13.4 0.0 33.4

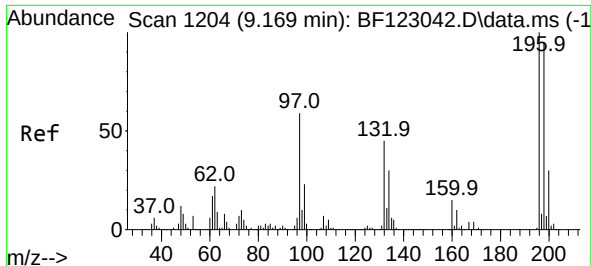


#42  
2,4,6-Tribromophenol  
Concen: 86.57 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:330 Resp: 530064  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.5 116.3  
141 33.3 23.8 35.8



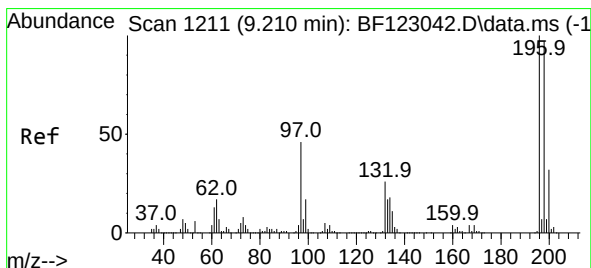
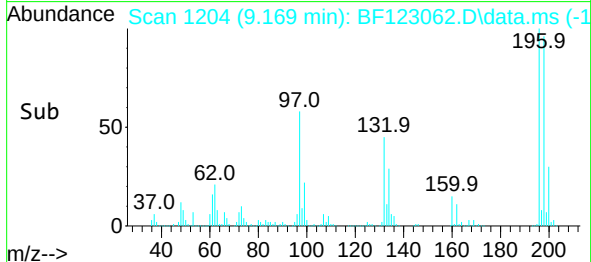
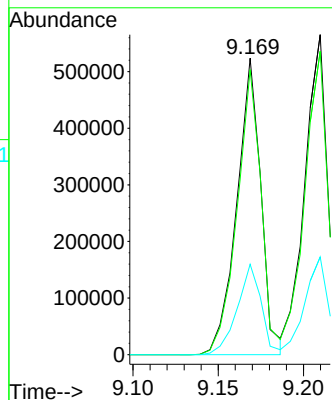
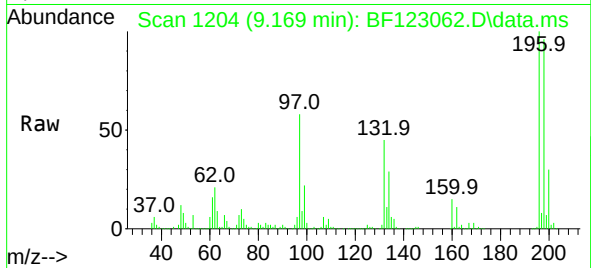




#43  
2,4,6-Trichlorophenol  
Concen: 42.65 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

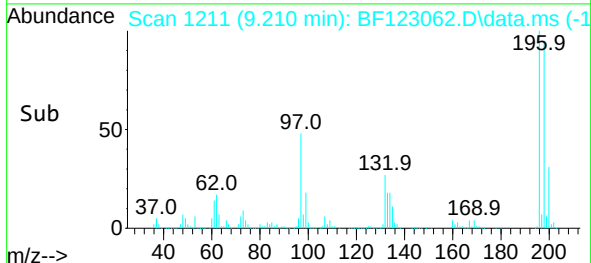
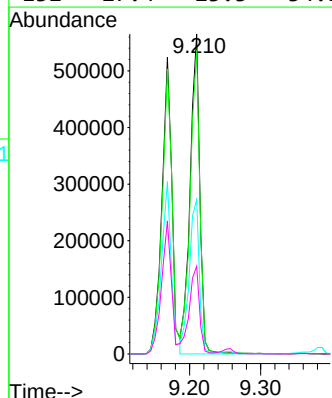
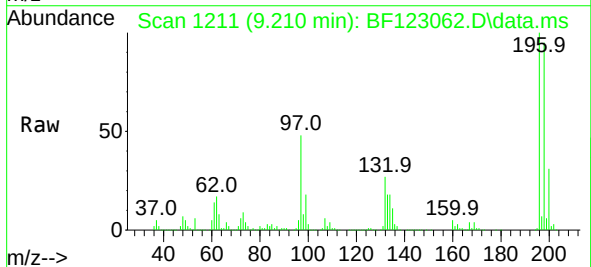
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

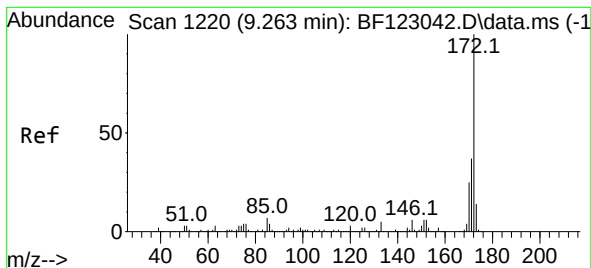
Tgt Ion:196 Resp: 513064  
Ion Ratio Lower Upper  
196 100  
198 96.2 75.1 112.7  
200 30.5 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 42.77 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:196 Resp: 537970  
Ion Ratio Lower Upper  
196 100  
198 94.8 76.5 114.7  
97 48.2 40.1 60.1  
132 27.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 52.03 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion:172 Resp: 1974092

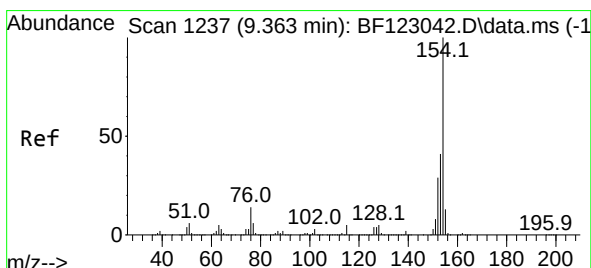
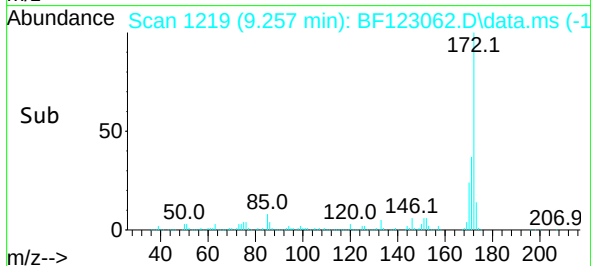
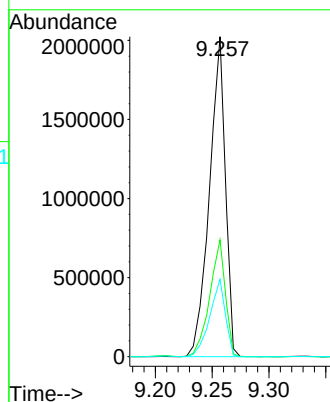
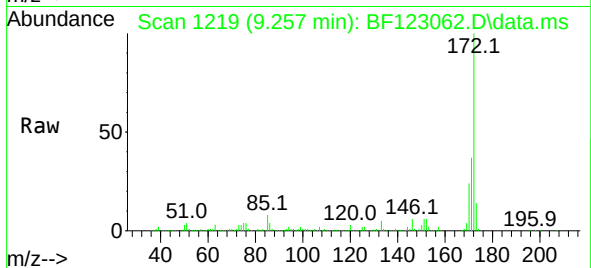
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.5  | 29.6  | 44.4  |
| 170 | 24.2  | 19.5  | 29.3  |

Instrument :

BNA\_F

ClientSampleId :

PS1419LNMS



#46

1,1'-Biphenyl

Concen: 39.69 ng

RT: 9.357 min Scan# 1236

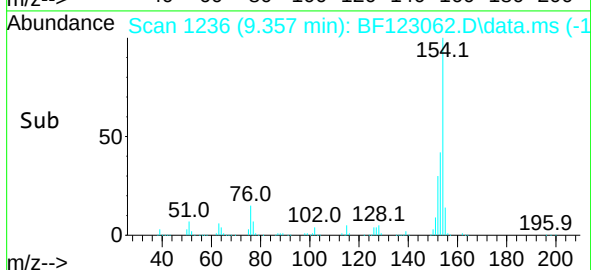
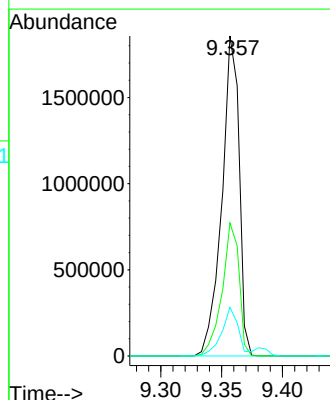
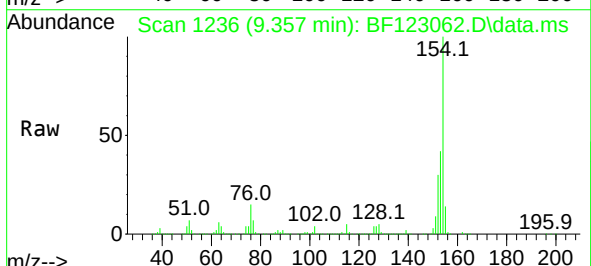
Delta R.T. -0.006 min

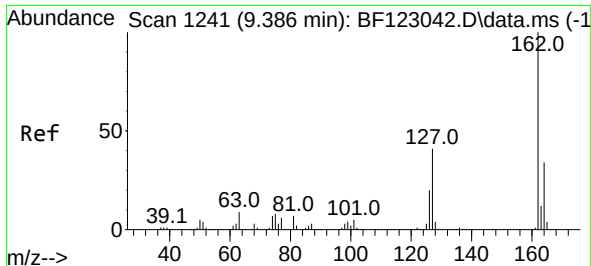
Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion:154 Resp: 1836043

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.5  | 21.8  | 61.8  |
| 76  | 15.2  | 0.0   | 33.4  |

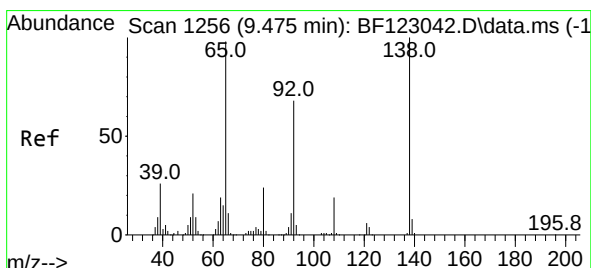
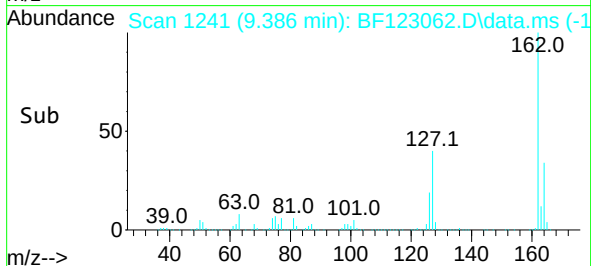
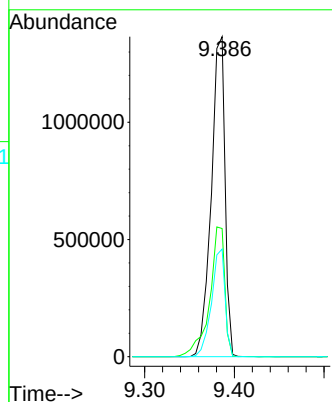
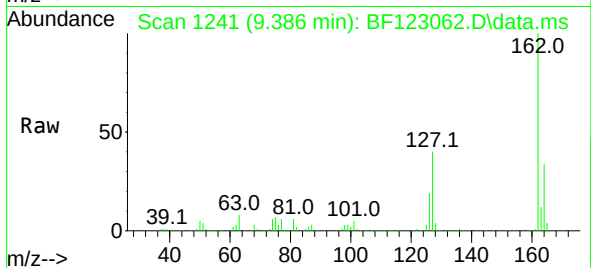




#47  
2-Chloronaphthalene  
Concen: 37.63 ng  
RT: 9.386 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

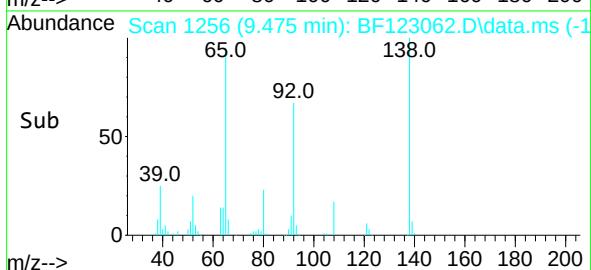
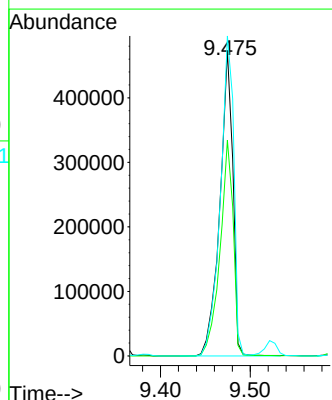
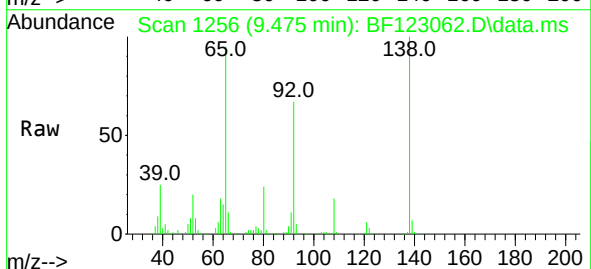
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

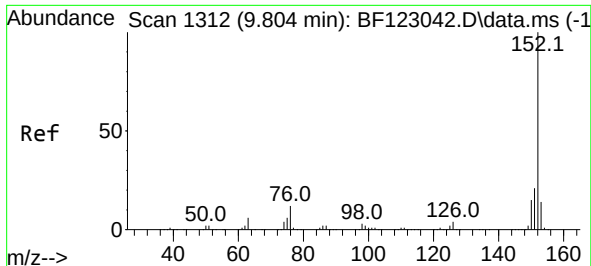
Tgt Ion:162 Resp: 1457293  
Ion Ratio Lower Upper  
162 100  
127 40.1 33.8 50.8  
164 33.7 26.5 39.7



#48  
2-Nitroaniline  
Concen: 40.74 ng  
RT: 9.475 min Scan# 1256  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion: 65 Resp: 478205  
Ion Ratio Lower Upper  
65 100  
92 70.7 60.0 90.0  
138 104.9 100.6 151.0





#49

Acenaphthylene

Concen: 40.08 ng

RT: 9.804 min Scan# 1312

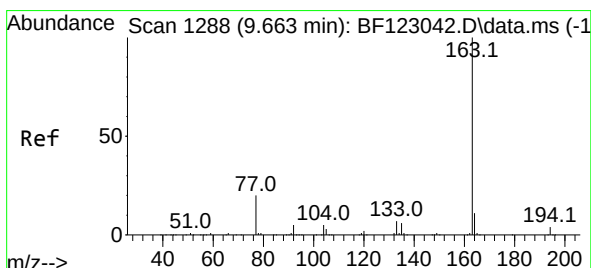
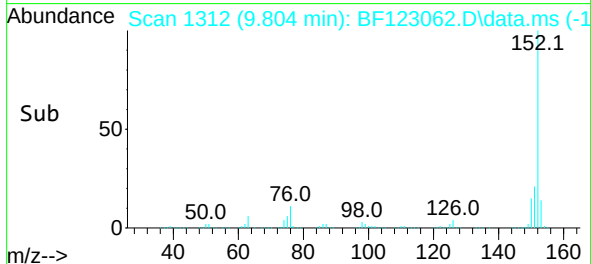
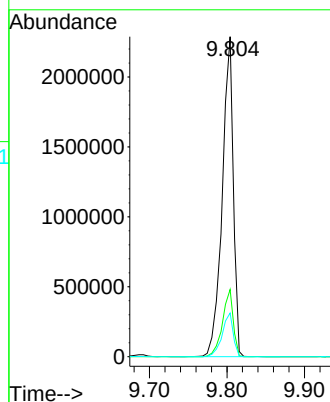
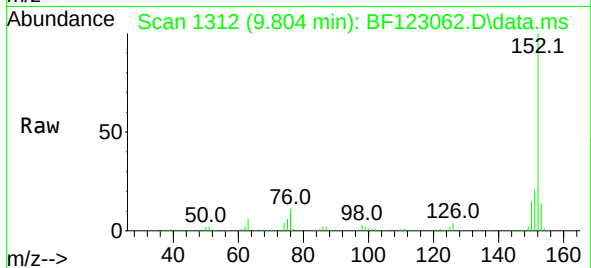
Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion:152 Resp: 2271706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.0  | 16.6  | 25.0  |
| 153 | 13.6  | 10.9  | 16.3  |



#50

Dimethylphthalate

Concen: 40.48 ng

RT: 9.663 min Scan# 1288

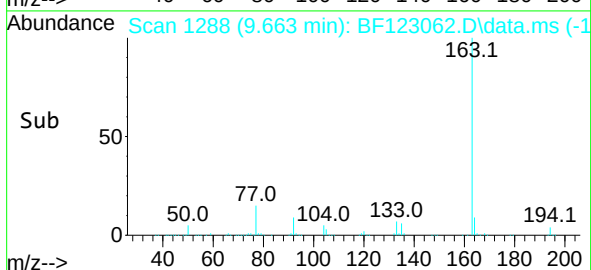
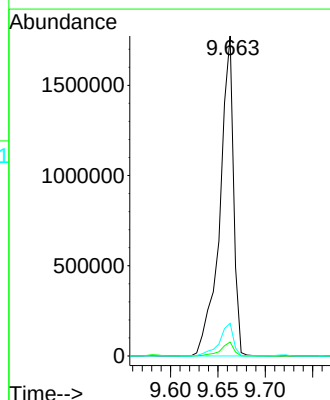
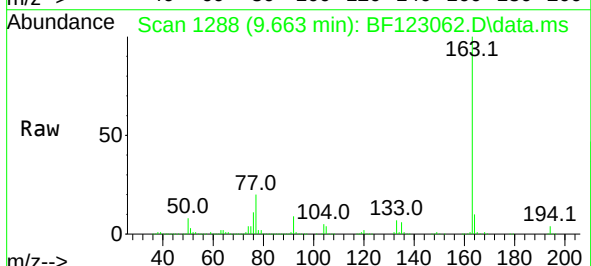
Delta R.T. -0.000 min

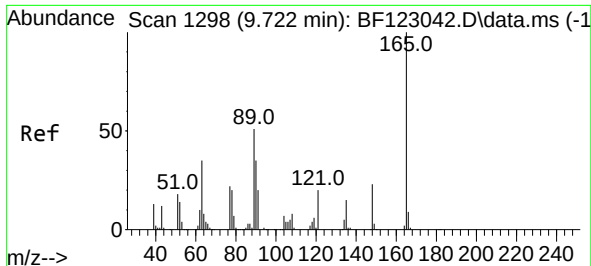
Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion:163 Resp: 1791105

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.4   | 3.4   | 5.0   |
| 164 | 10.2  | 8.1   | 12.1  |

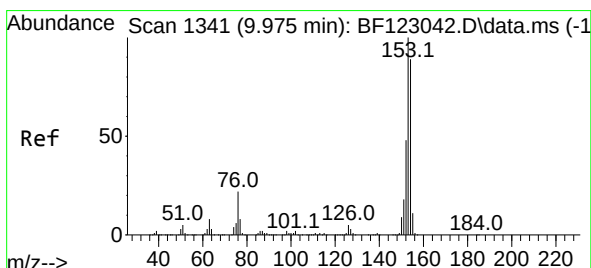
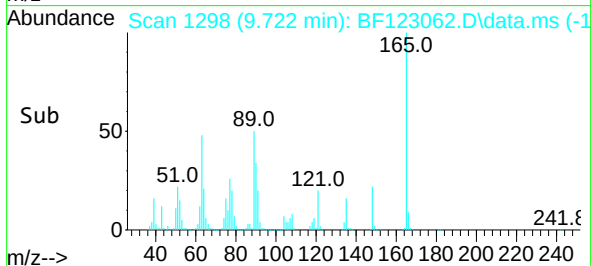
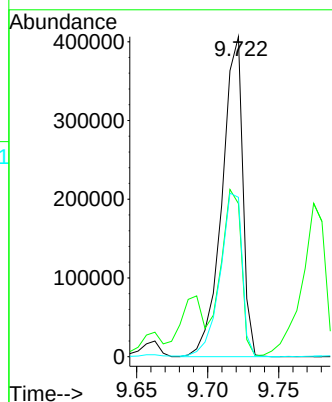
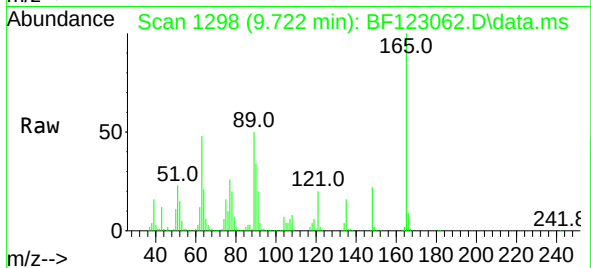




#51  
2,6-Dinitrotoluene  
Concen: 43.60 ng  
RT: 9.722 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

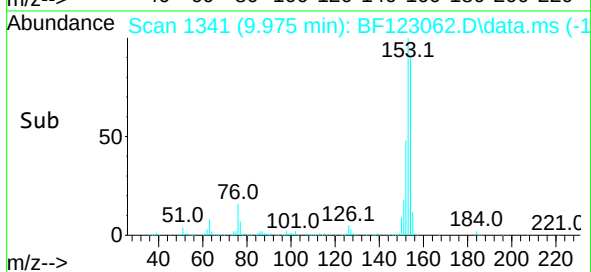
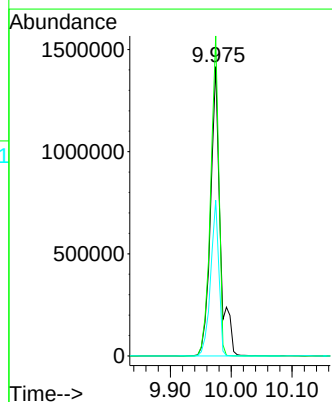
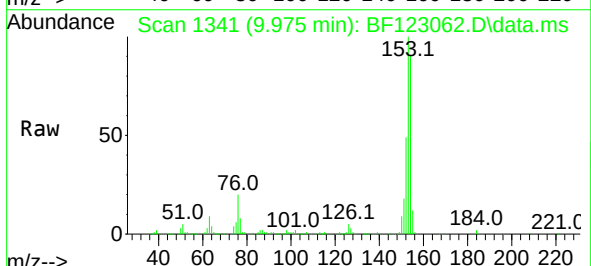
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

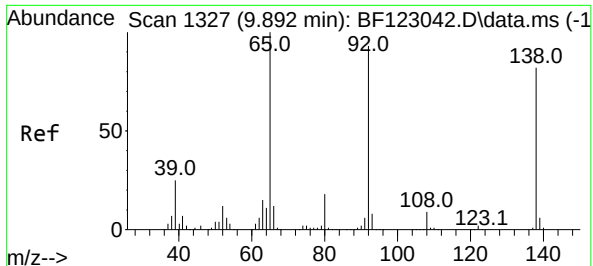
Tgt Ion:165 Resp: 410945  
Ion Ratio Lower Upper  
165 100  
63 47.9 36.6 55.0  
89 49.8 39.4 59.0



#52  
Acenaphthene  
Concen: 43.08 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:154 Resp: 1568433  
Ion Ratio Lower Upper  
154 100  
153 110.6 89.0 133.6  
152 53.8 42.7 64.1

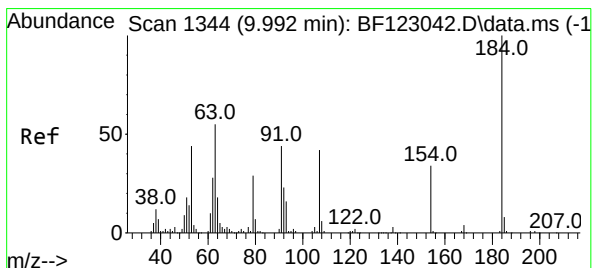
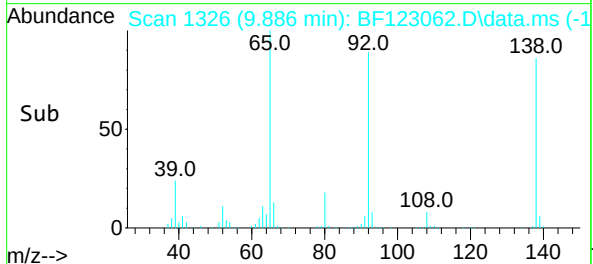
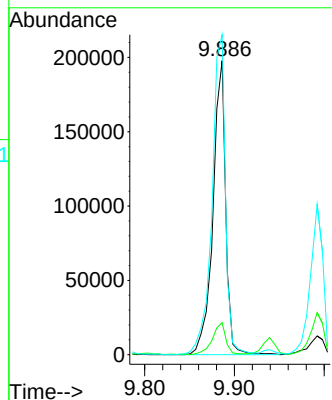
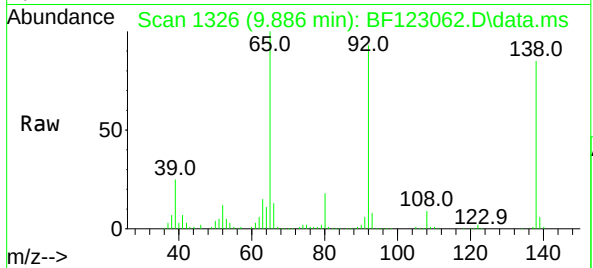




#53  
3-Nitroaniline  
Concen: 17.50 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

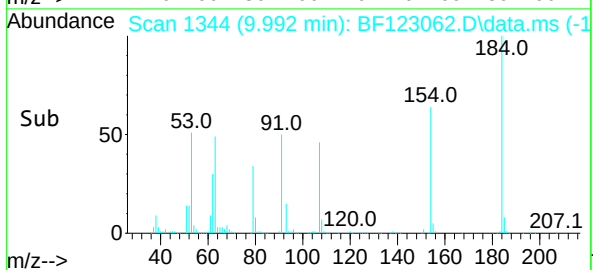
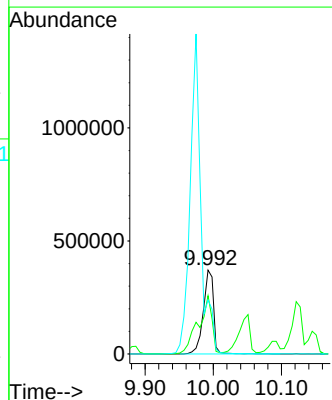
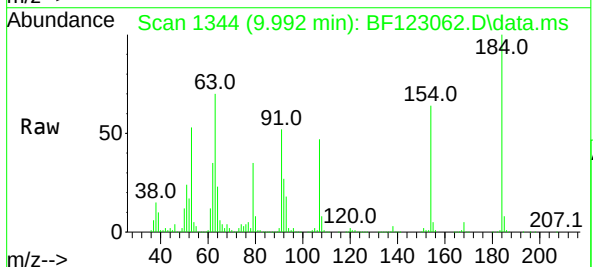
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

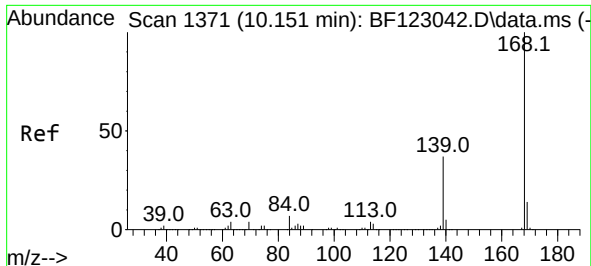
Tgt Ion:138 Resp: 195030  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.2 12.2  
92 108.8 85.4 128.2



#54  
2,4-Dinitrophenol  
Concen: 88.88 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:184 Resp: 386724  
Ion Ratio Lower Upper  
184 100  
63 69.5 51.4 77.2  
154 64.4 49.7 74.5

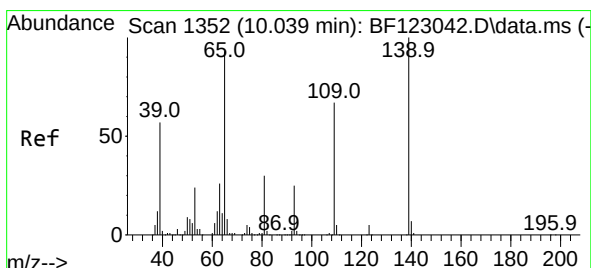
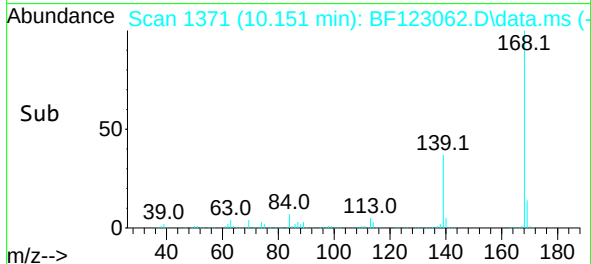
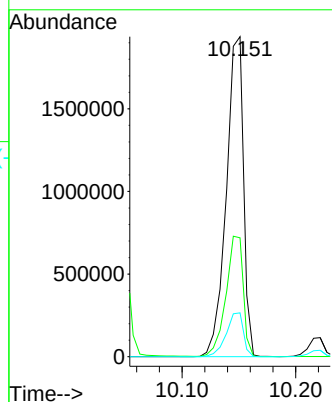
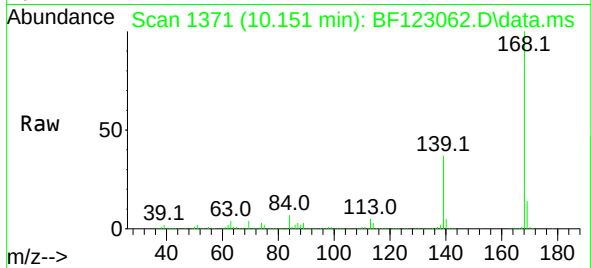




#55  
Dibenzofuran  
Concen: 38.58 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

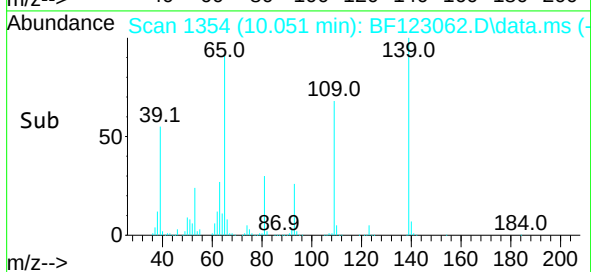
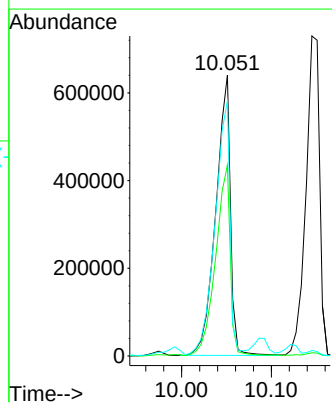
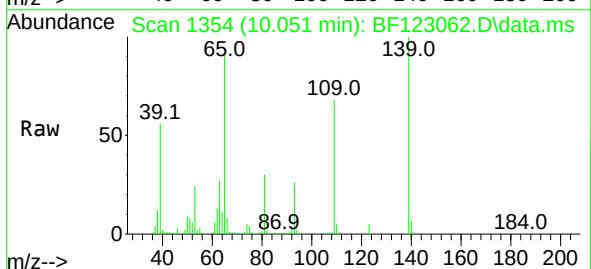
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

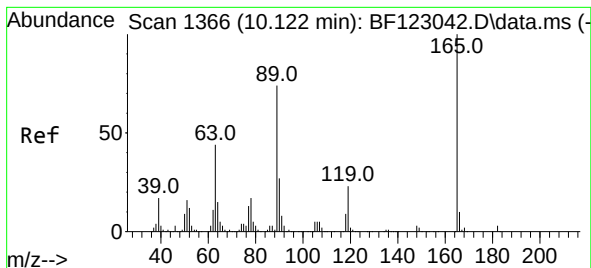
Tgt Ion:168 Resp: 2044204  
Ion Ratio Lower Upper  
168 100  
139 37.2 31.3 46.9  
169 13.7 11.2 16.8



#56  
4-Nitrophenol  
Concen: 89.81 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.012 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:139 Resp: 723644  
Ion Ratio Lower Upper  
139 100  
109 67.9 45.1 85.1  
65 90.7 59.2 99.2

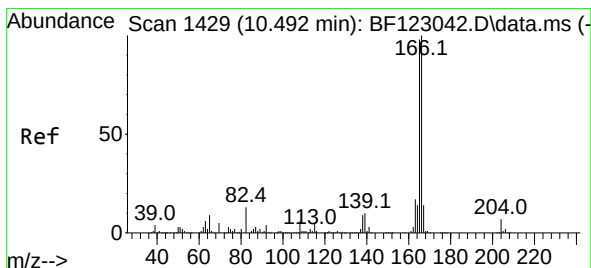
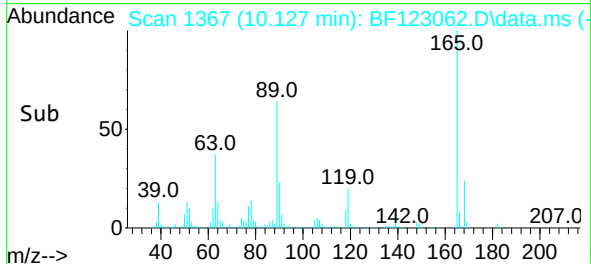
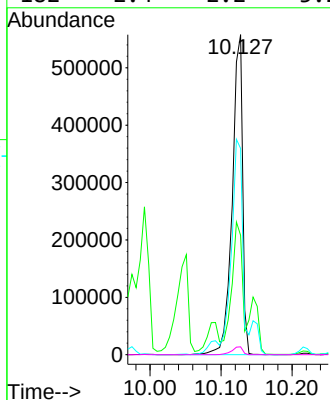
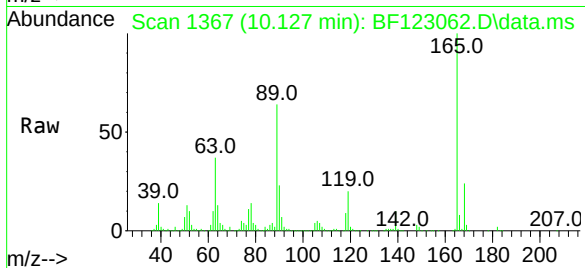




#57  
2,4-Dinitrotoluene  
Concen: 46.26 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

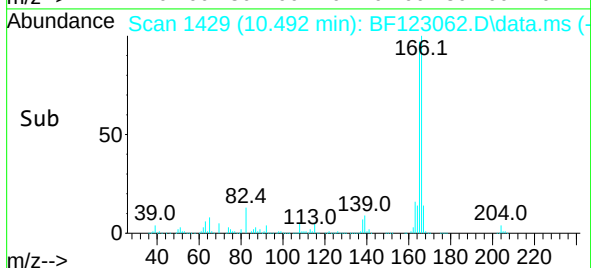
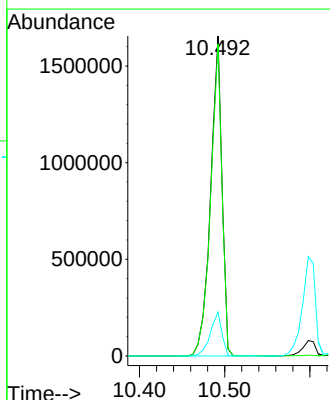
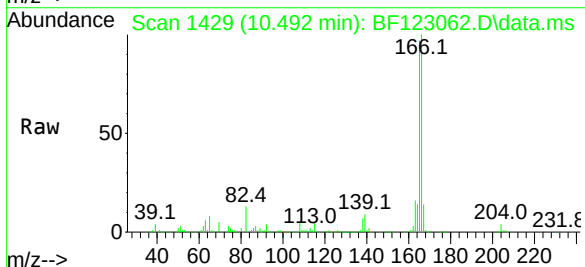
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

Tgt Ion:165 Resp: 567151  
Ion Ratio Lower Upper  
165 100  
63 37.3 34.3 51.5  
89 64.5 55.2 82.8  
182 2.4 2.2 3.2

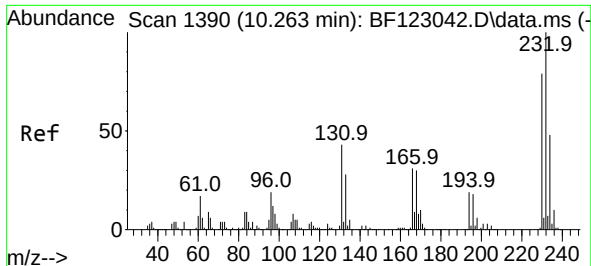


#58  
Fluorene  
Concen: 36.48 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:166 Resp: 1543994  
Ion Ratio Lower Upper  
166 100  
165 97.5 79.4 119.0  
167 13.7 10.9 16.3



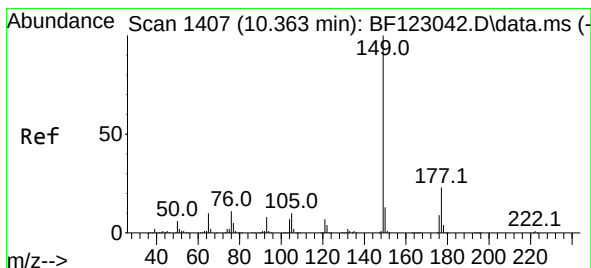
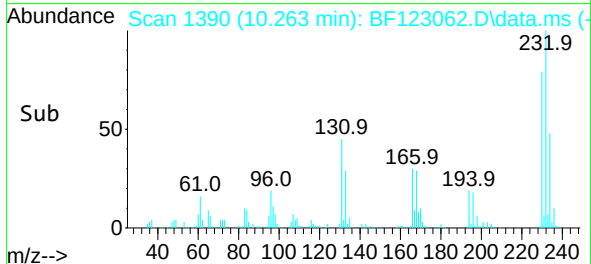
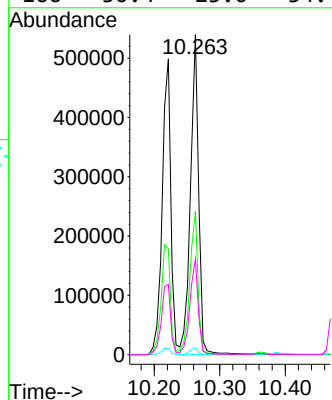
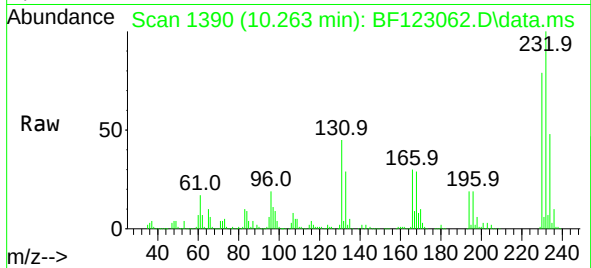




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.73 ng  
RT: 10.263 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

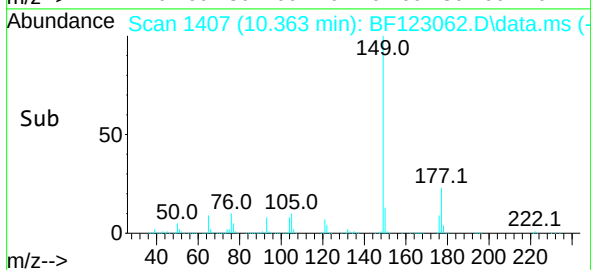
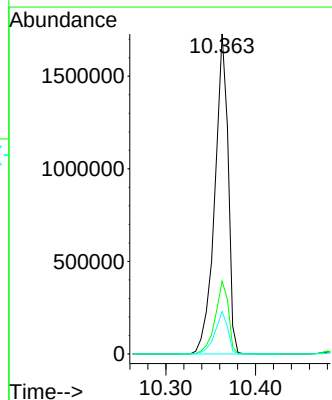
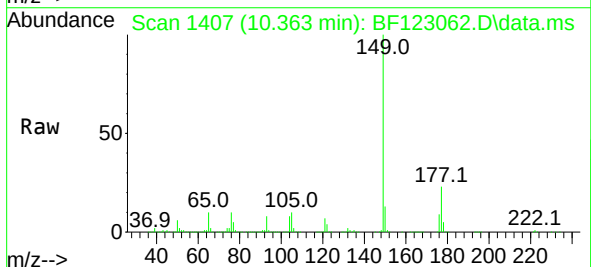
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

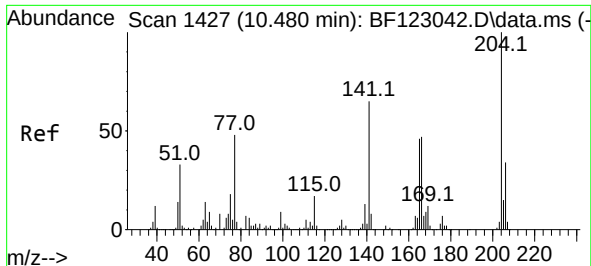
Tgt Ion:232 Resp: 466535  
Ion Ratio Lower Upper  
232 100  
131 44.9 33.0 49.4  
130 2.2 1.7 2.5  
166 30.4 23.0 34.4



#60  
Diethylphthalate  
Concen: 40.90 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:149 Resp: 1779830  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.2 27.4  
150 13.3 10.1 15.1

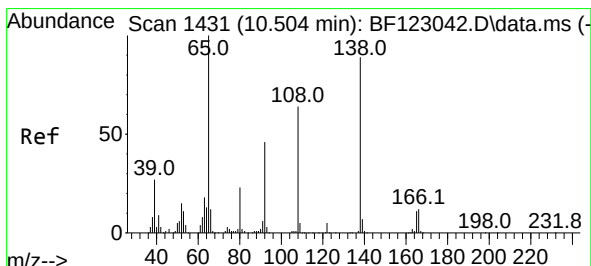
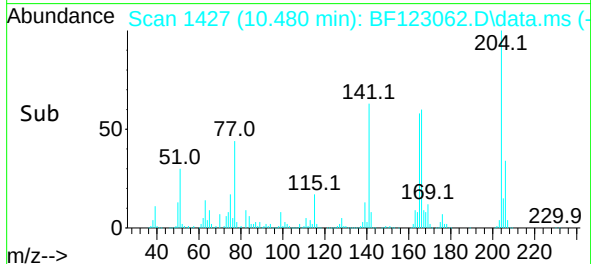
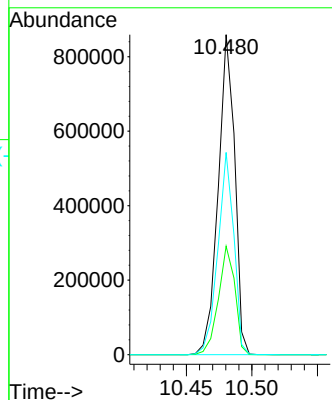
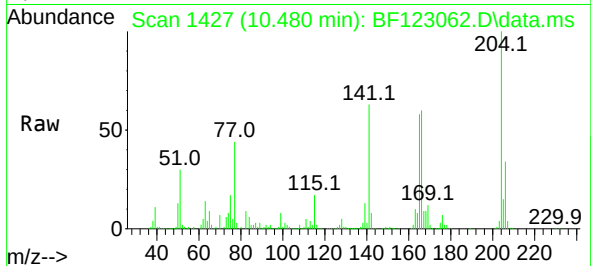




#61  
4-Chlorophenyl-phenylether  
Concen: 37.77 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

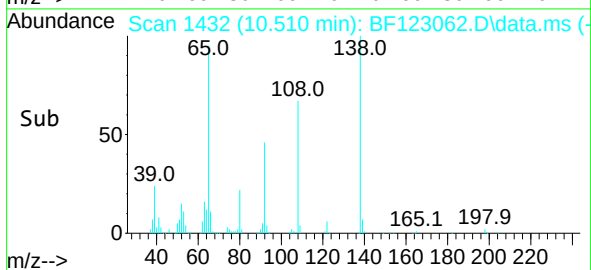
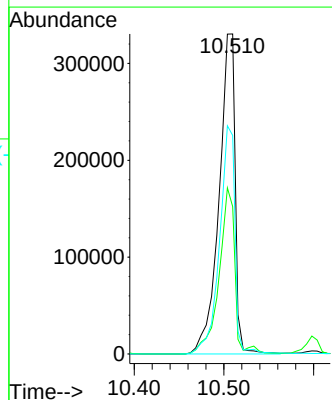
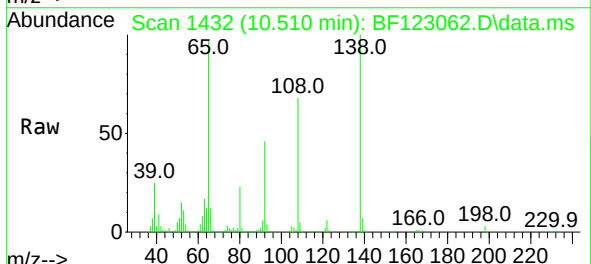
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

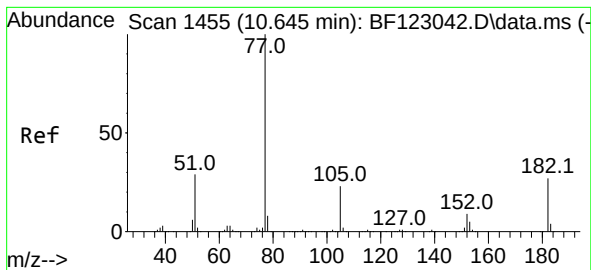
Tgt Ion:204 Resp: 751067  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.0 40.4  
141 63.2 50.4 75.6



#62  
4-Nitroaniline  
Concen: 36.96 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:138 Resp: 413944  
Ion Ratio Lower Upper  
138 100  
92 46.1 31.0 71.0  
108 68.3 54.8 94.8



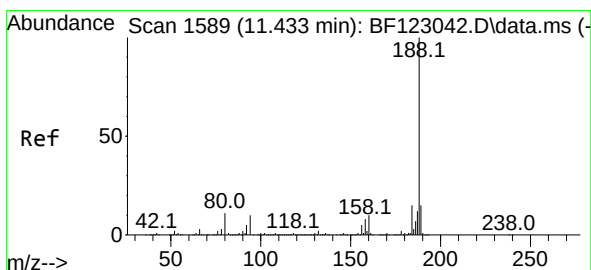
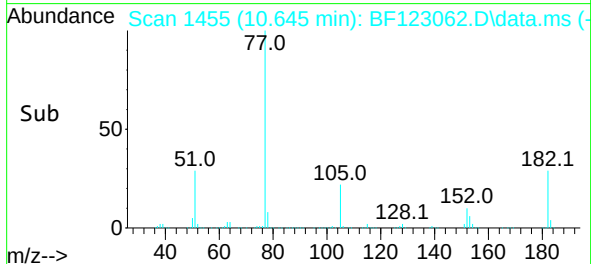
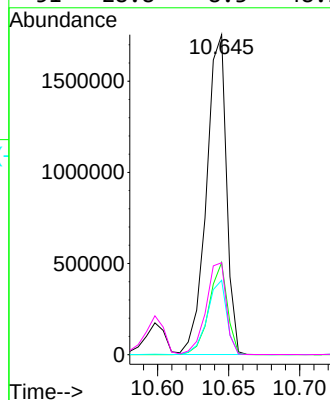
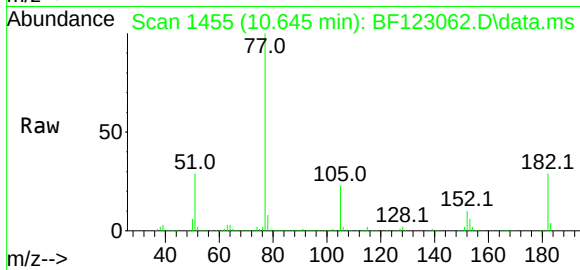


#63  
Azobenzene  
Concen: 40.43 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

Tgt Ion: 77 Resp: 1721259

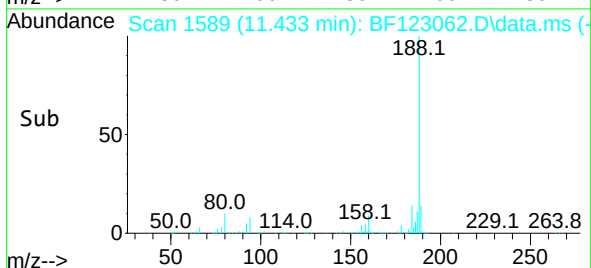
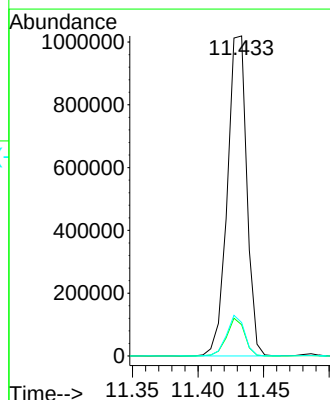
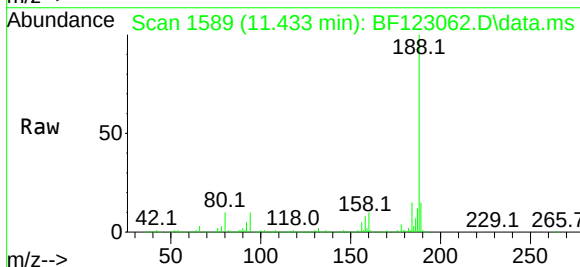
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.8  | 5.6   | 45.6  |
| 105 | 23.3  | 1.8   | 41.8  |
| 51  | 28.8  | 8.3   | 48.3  |

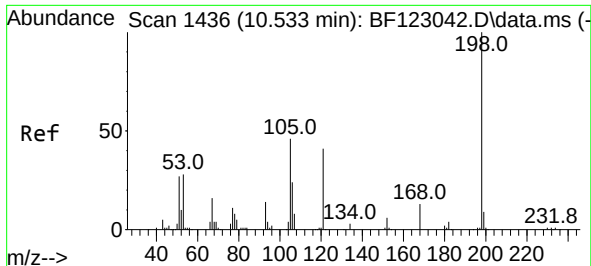


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion: 188 Resp: 1051793

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.8   | 7.4   | 11.2  |
| 80  | 10.5  | 8.2   | 12.4  |

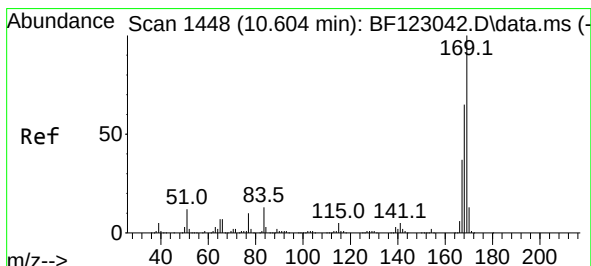
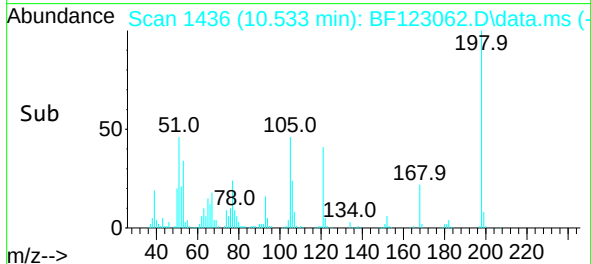
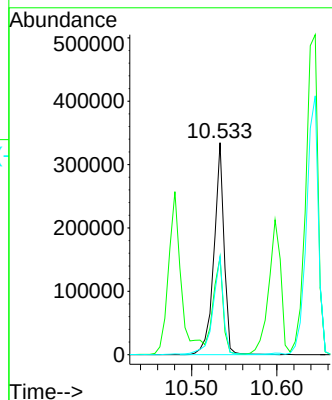
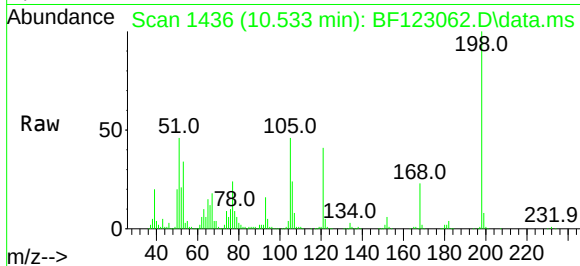




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.52 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

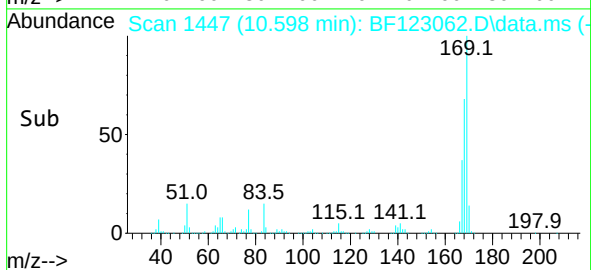
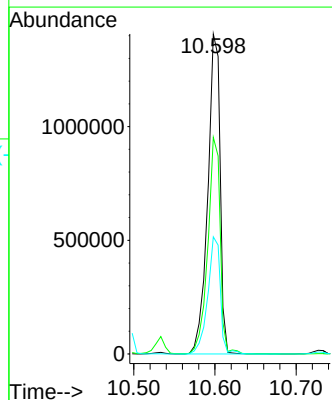
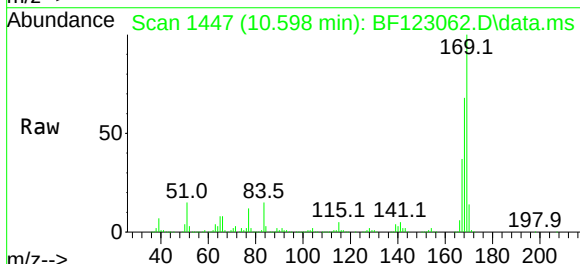
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

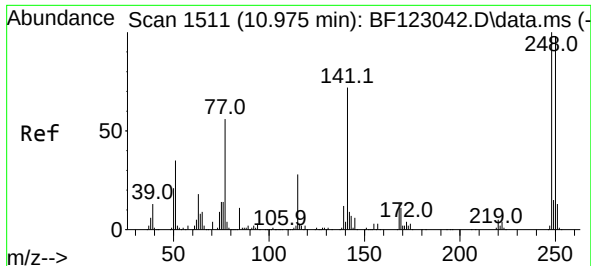
Tgt Ion:198 Resp: 275558  
Ion Ratio Lower Upper  
198 100  
51 46.0 20.3 60.3  
105 46.3 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 39.08 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:169 Resp: 1481753  
Ion Ratio Lower Upper  
169 100  
168 67.7 54.2 81.2  
167 36.6 29.2 43.8

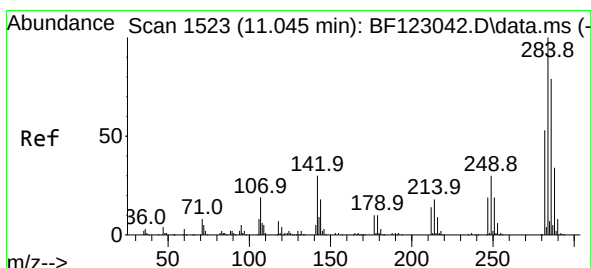
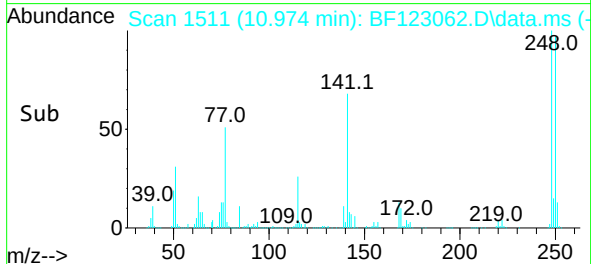
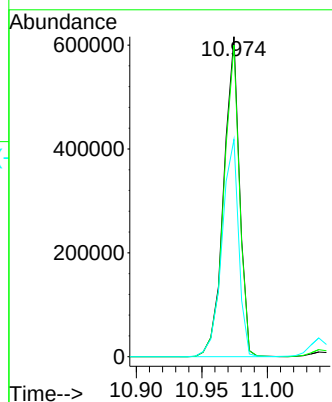
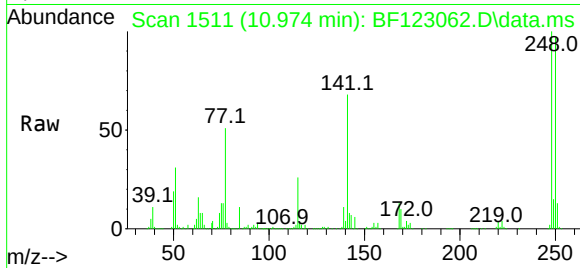




#67  
4-Bromophenyl-phenylether  
Concen: 38.47 ng  
RT: 10.974 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

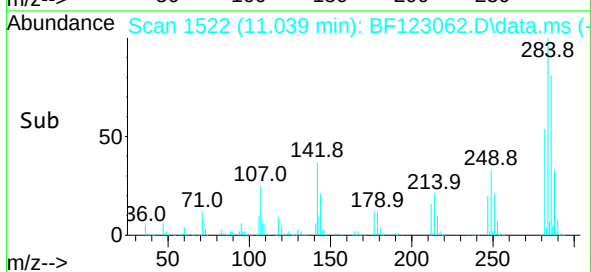
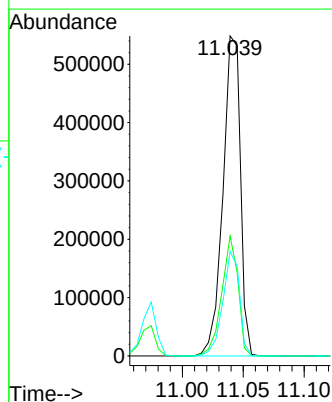
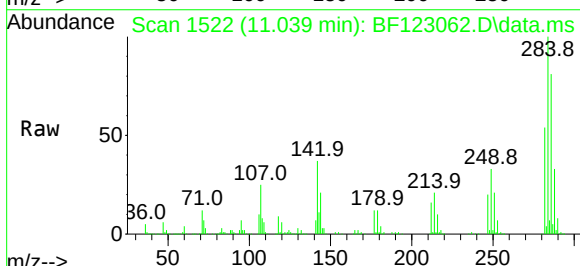
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

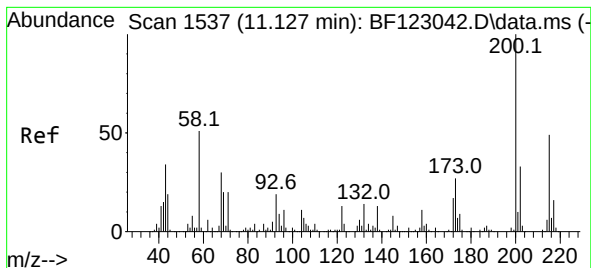
Tgt Ion:248 Resp: 515310  
Ion Ratio Lower Upper  
248 100  
250 97.4 76.8 115.2  
141 67.9 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 38.26 ng  
RT: 11.039 min Scan# 1522  
Delta R.T. -0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:284 Resp: 549642  
Ion Ratio Lower Upper  
284 100  
142 37.5 25.6 38.4  
249 32.6 25.1 37.7





#69

Atrazine

Concen: 42.17 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion:200 Resp: 441525

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

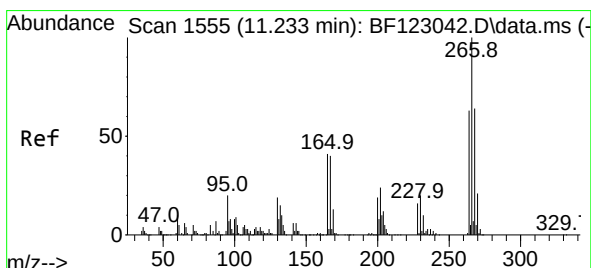
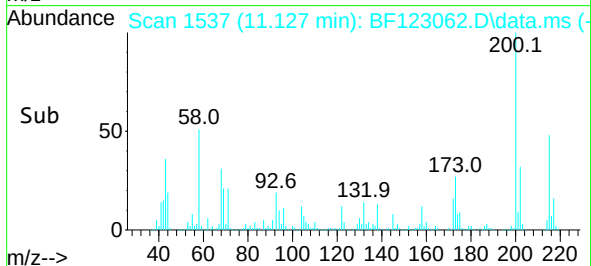
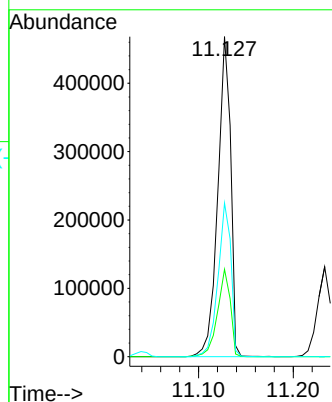
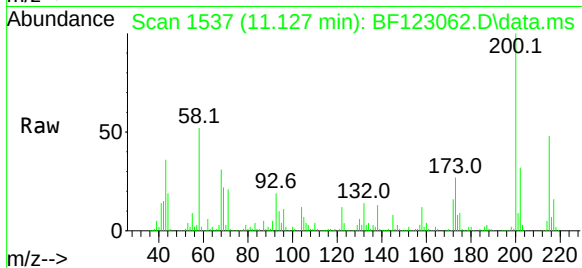
215 48.0 28.1 68.1

Instrument :

BNA\_F

ClientSampleId :

PS1419LNMS



#70

Pentachlorophenol

Concen: 86.24 ng

RT: 11.233 min Scan# 1555

Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

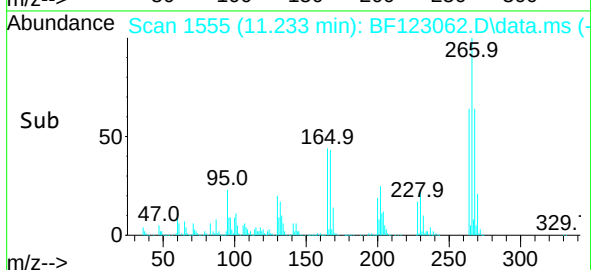
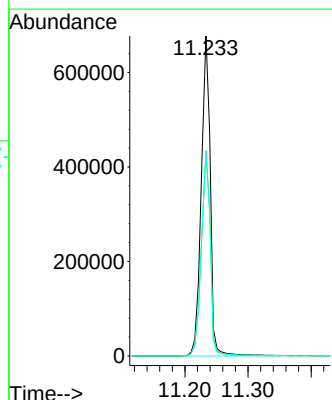
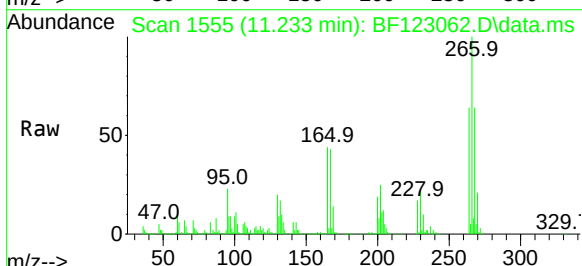
Tgt Ion:266 Resp: 671531

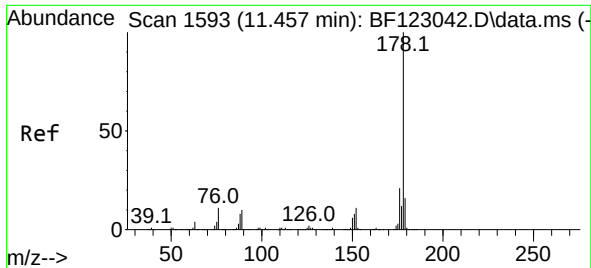
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 64.0 49.8 74.8

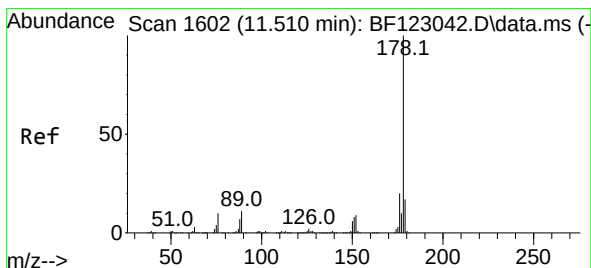
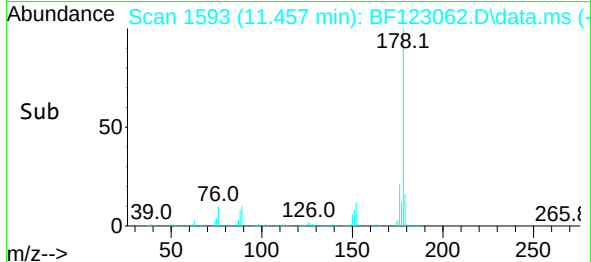
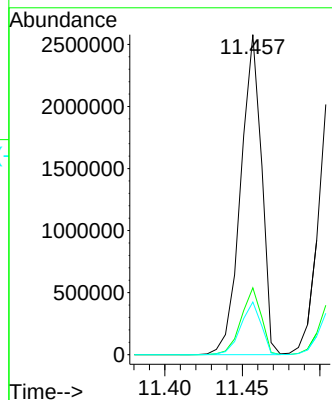
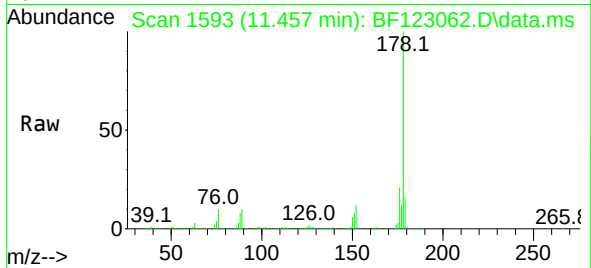




#71  
Phenanthrene  
Concen: 36.88 ng  
RT: 11.457 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

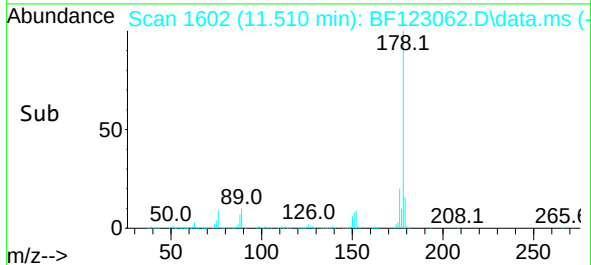
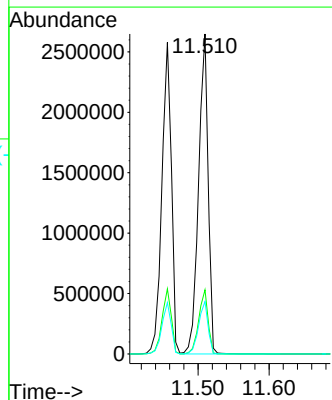
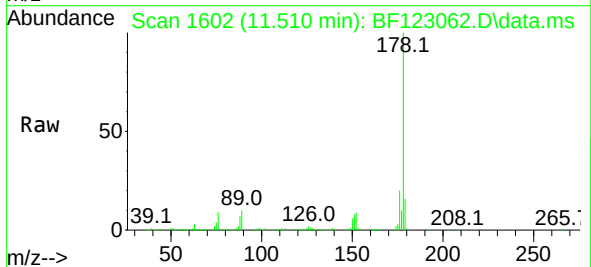
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

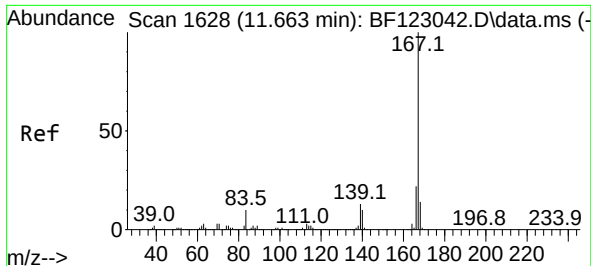
Tgt Ion:178 Resp: 2409071  
Ion Ratio Lower Upper  
178 100  
176 20.9 16.2 24.2  
179 16.5 12.7 19.1



#72  
Anthracene  
Concen: 39.76 ng  
RT: 11.510 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

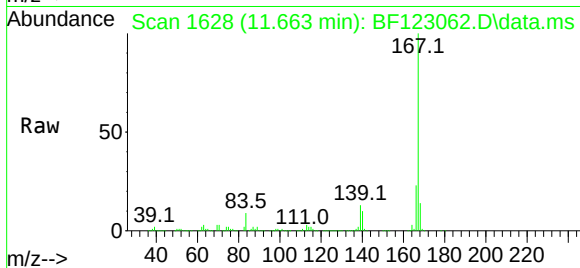
Tgt Ion:178 Resp: 2491561  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.6 23.4  
179 16.4 12.8 19.2





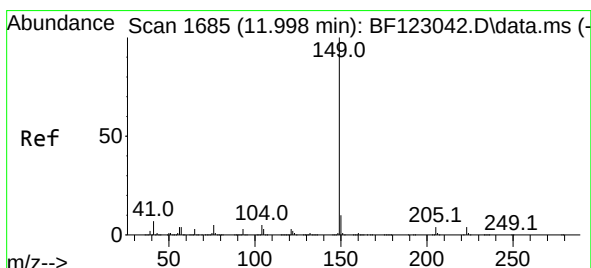
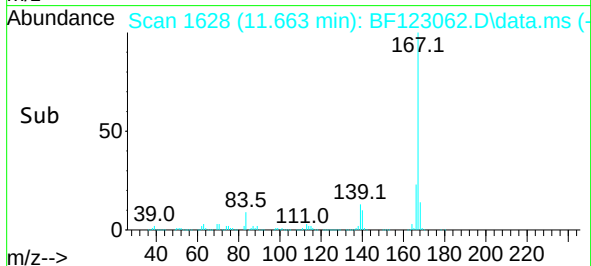
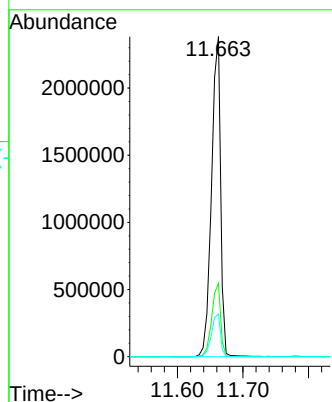
#73  
 Carbazole  
 Concen: 39.61 ng  
 RT: 11.663 min Scan# 1628  
 Delta R.T. -0.000 min  
 Lab File: BF123062.D  
 Acq: 28 Jan 2021 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PS1419LNMS



Tgt Ion:167 Resp: 2303625  

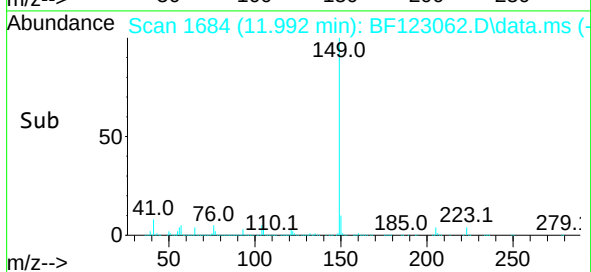
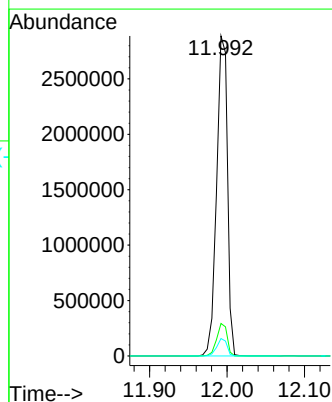
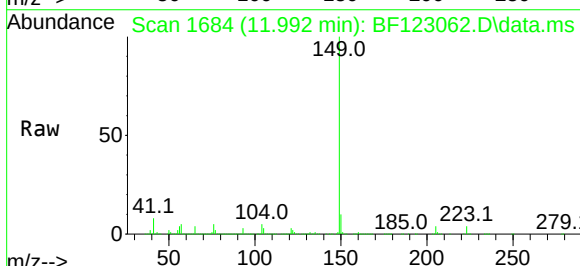
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.9  | 18.0  | 27.0  |
| 139 | 13.3  | 10.9  | 16.3  |



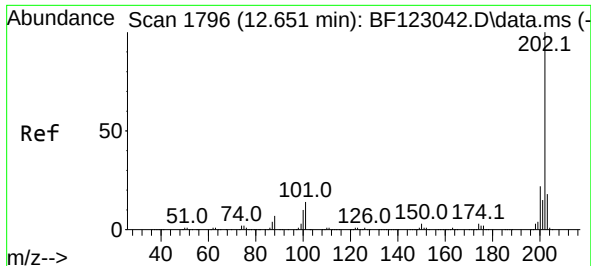
#74  
 Di-n-butylphthalate  
 Concen: 40.68 ng  
 RT: 11.992 min Scan# 1684  
 Delta R.T. -0.006 min  
 Lab File: BF123062.D  
 Acq: 28 Jan 2021 16:34

Tgt Ion:149 Resp: 2805368  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.2  | 7.8   | 11.6  |
| 104 | 5.5   | 4.2   | 6.4   |



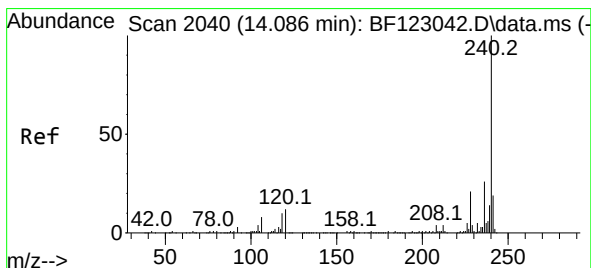
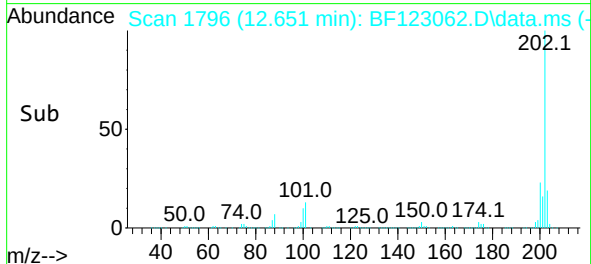
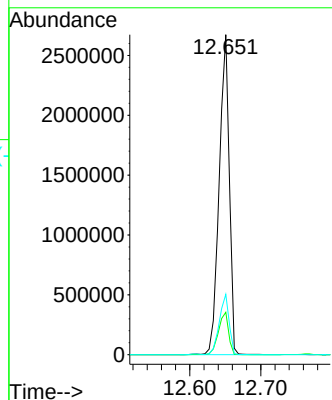
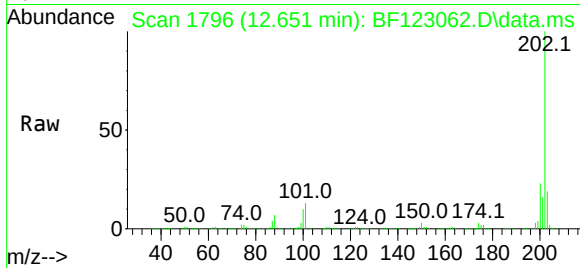




#75  
Fluoranthene  
Concen: 40.21 ng  
RT: 12.651 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

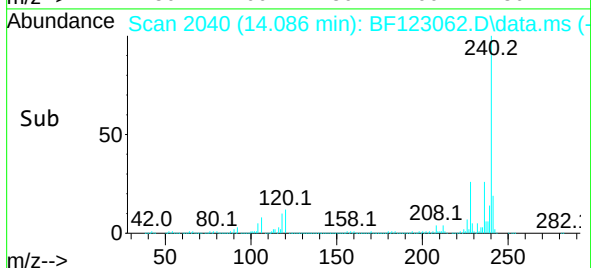
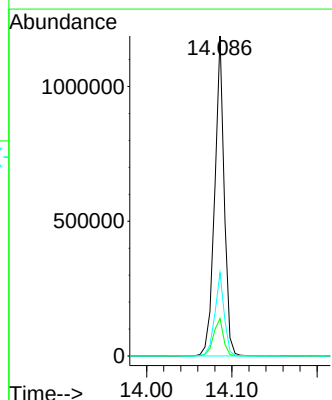
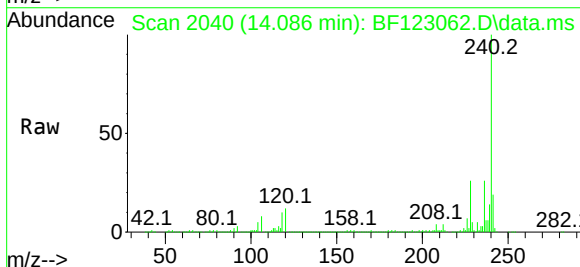
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

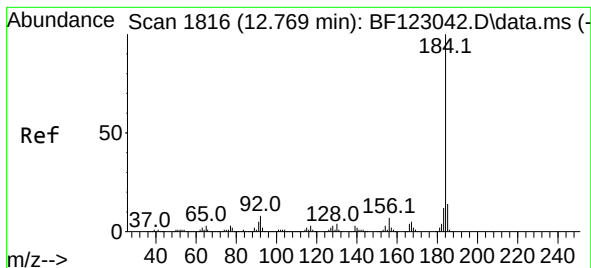
Tgt Ion:202 Resp: 2625445  
Ion Ratio Lower Upper  
202 100  
101 13.3 0.0 32.2  
203 18.9 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:240 Resp: 923357  
Ion Ratio Lower Upper  
240 100  
120 11.7 8.6 12.8  
236 26.0 20.3 30.5





#77

Benzidine

Concen: 39.63 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

Tgt Ion:184 Resp: 828071

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

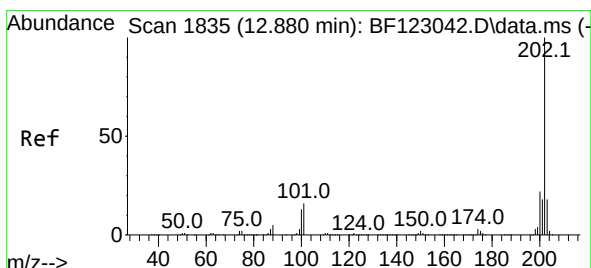
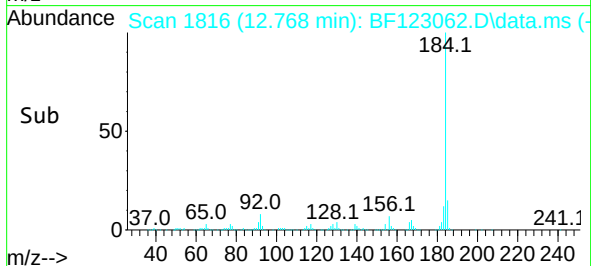
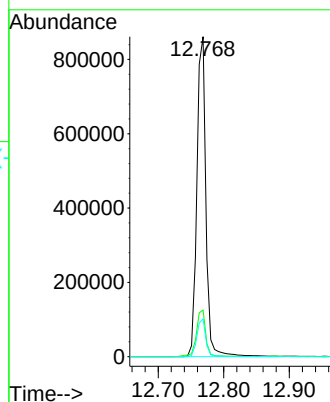
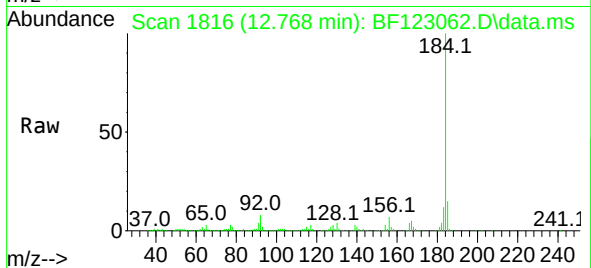
183 11.8 9.7 14.5

Instrument :

BNA\_F

ClientSampleId :

PS1419LNMS



#78

Pyrene

Concen: 38.46 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

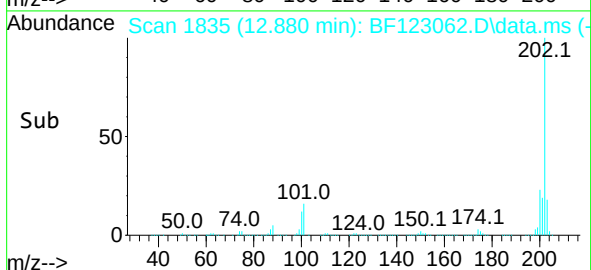
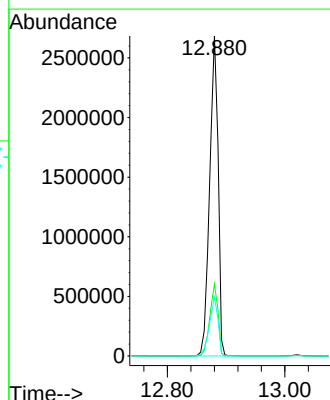
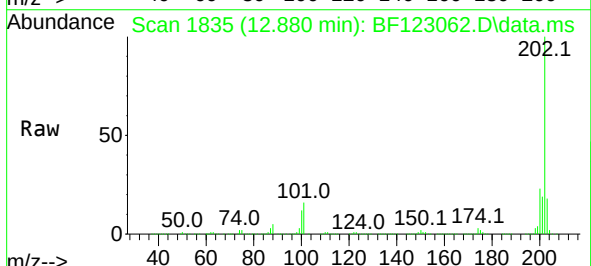
Tgt Ion:202 Resp: 2681040

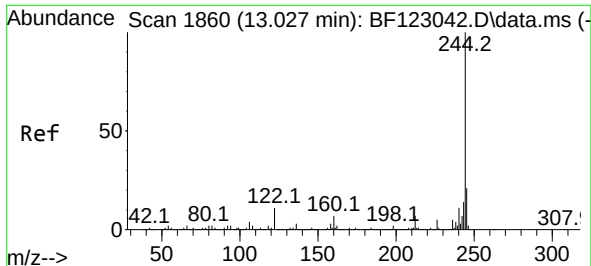
Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

203 18.4 14.6 21.8

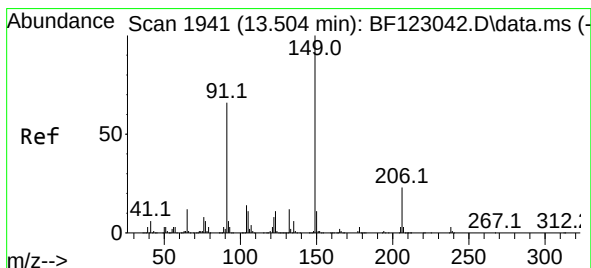
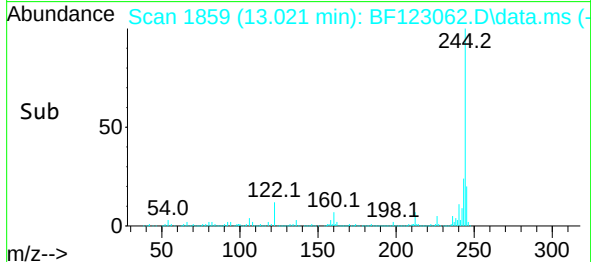
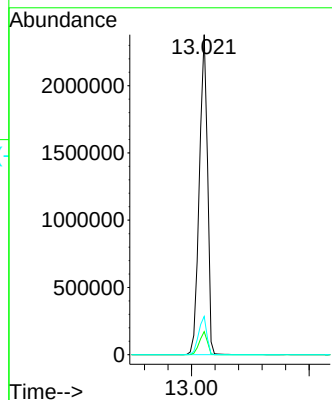
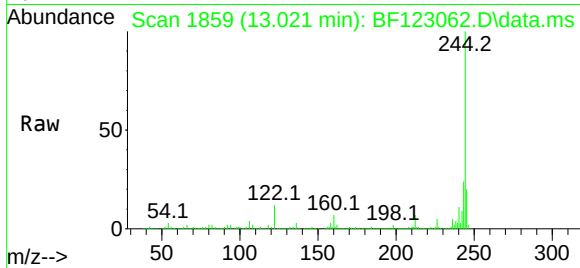




#79  
 Terphenyl-d14  
 Concen: 48.66 ng  
 RT: 13.021 min Scan# 1859  
 Delta R.T. -0.006 min  
 Lab File: BF123062.D  
 Acq: 28 Jan 2021 16:34

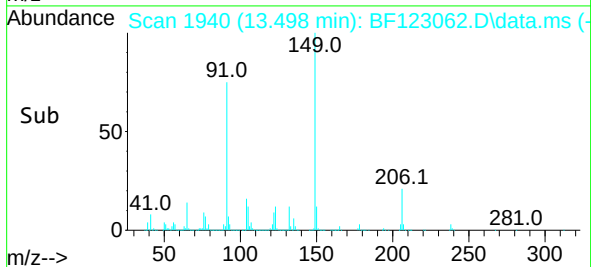
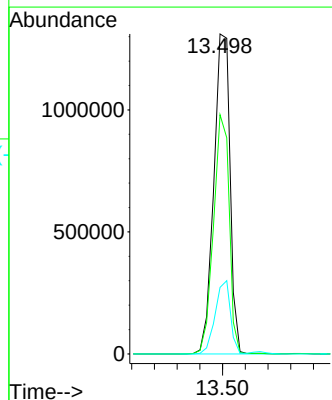
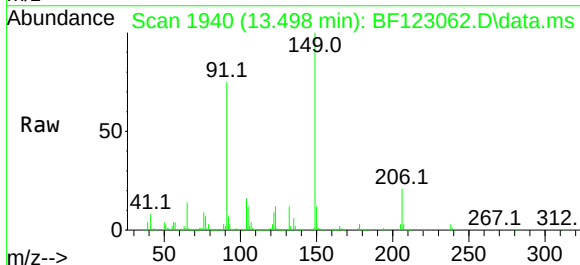
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PS1419LNMS

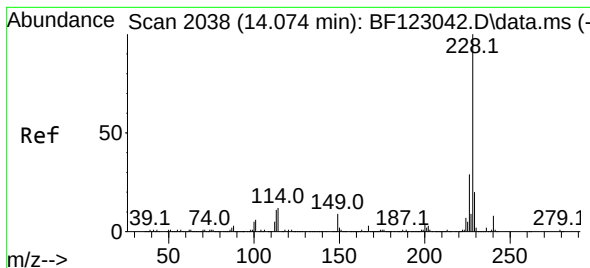
Tgt Ion:244 Resp: 2286845  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 11.9 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 43.50 ng  
 RT: 13.498 min Scan# 1940  
 Delta R.T. -0.006 min  
 Lab File: BF123062.D  
 Acq: 28 Jan 2021 16:34

Tgt Ion:149 Resp: 1304686  
 Ion Ratio Lower Upper  
 149 100  
 91 74.7 56.5 84.7  
 206 20.8 17.0 25.6

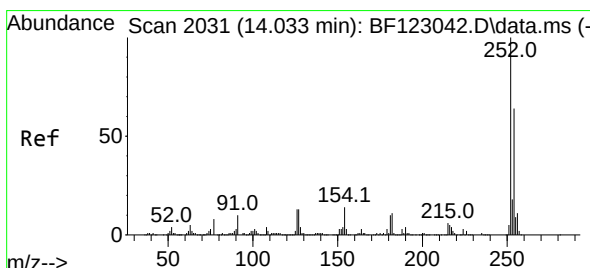
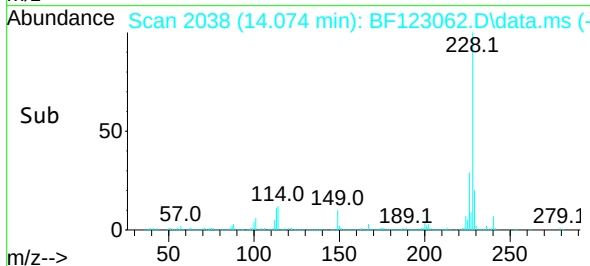
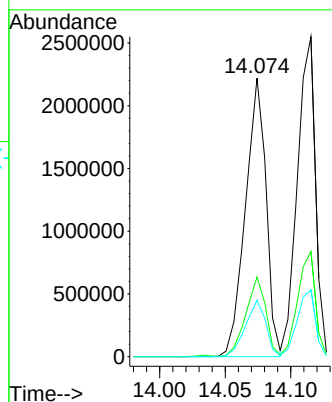
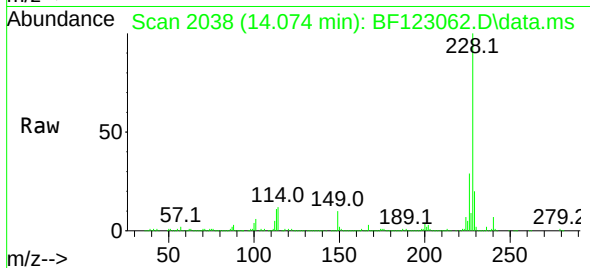




#81  
Benzo(a)anthracene  
Concen: 38.96 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

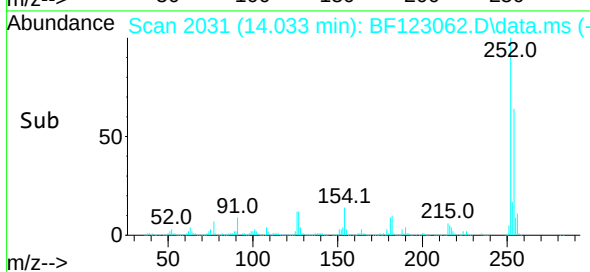
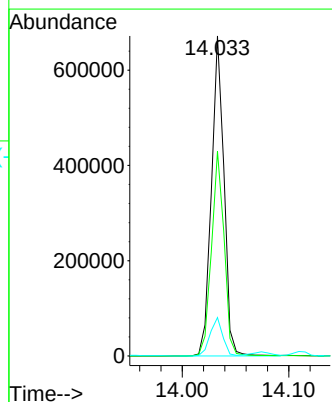
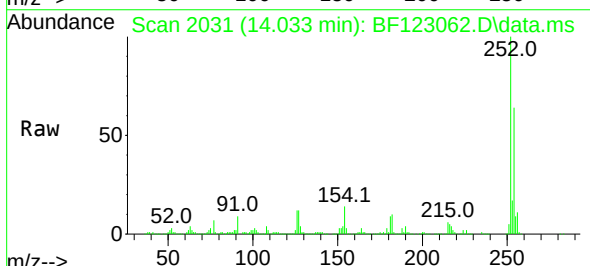
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

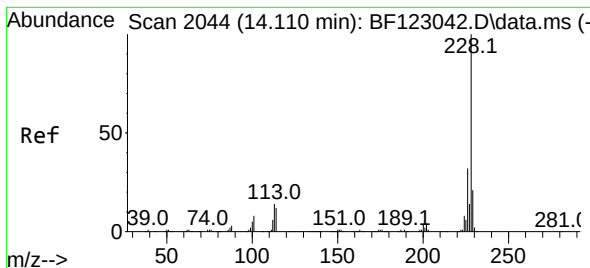
Tgt Ion:228 Resp: 2434955  
Ion Ratio Lower Upper  
228 100  
226 28.6 23.0 34.4  
229 20.2 16.6 24.8



#82  
3,3'-Dichlorobenzidine  
Concen: 27.99 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:252 Resp: 550448  
Ion Ratio Lower Upper  
252 100  
254 63.9 52.7 79.1  
126 12.0 8.0 12.0#





#83

Chrysene

Concen: 39.15 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.006 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

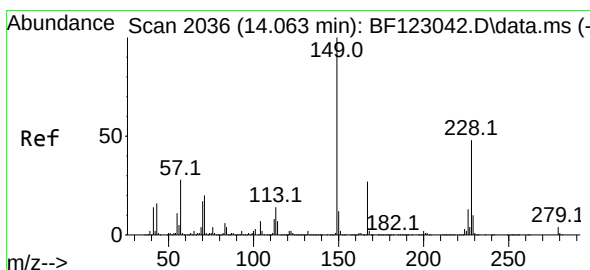
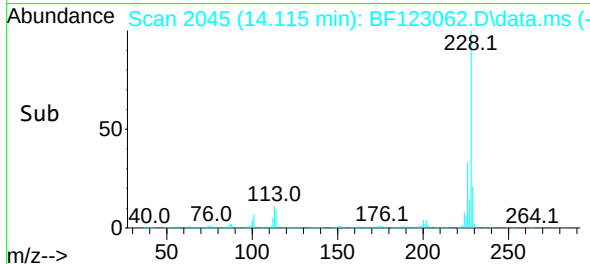
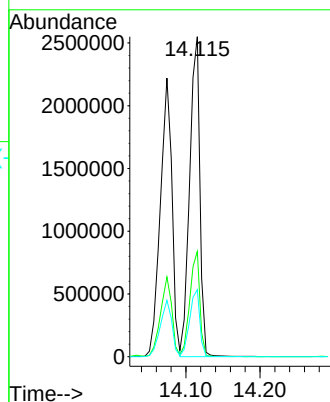
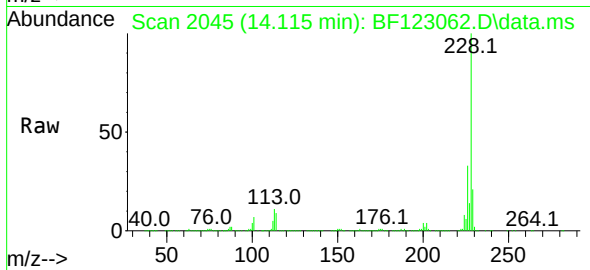
Tgt Ion:228 Resp: 2448903

Ion Ratio Lower Upper

228 100

226 32.9 24.6 36.8

229 20.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.20 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.000 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

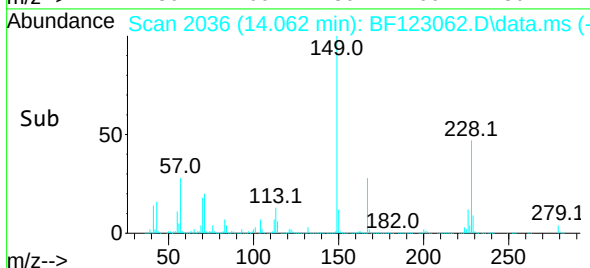
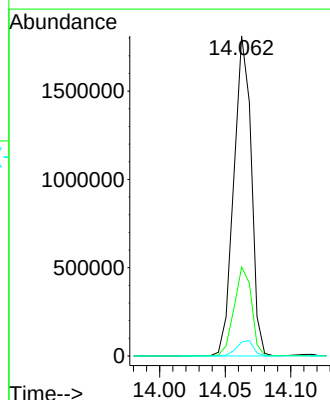
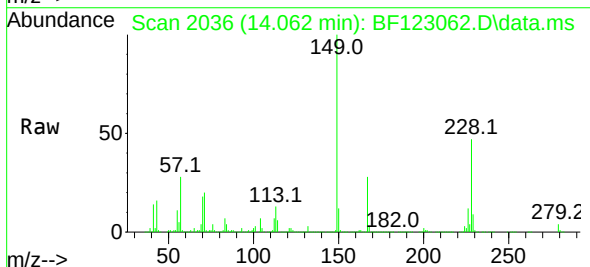
Tgt Ion:149 Resp: 1681722

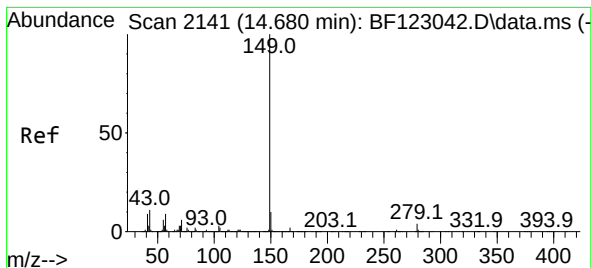
Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.2

279 4.3 3.4 5.0

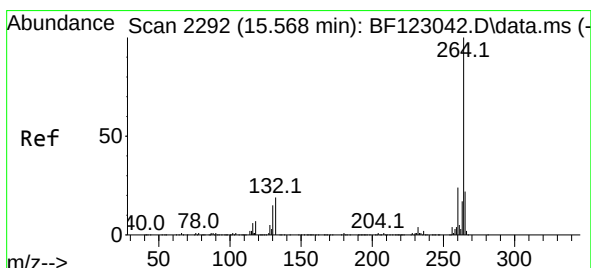
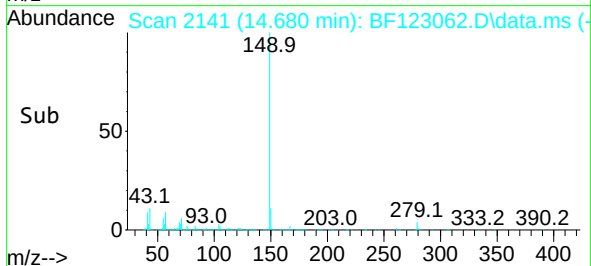
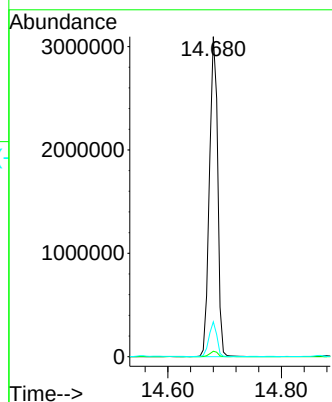
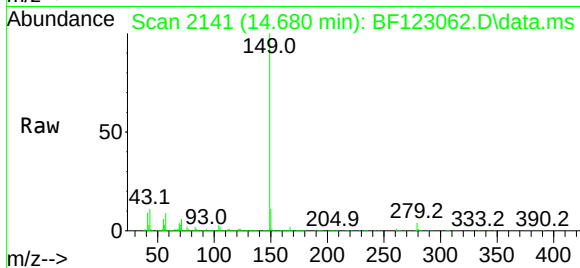




#85  
Di-n-octyl phthalate  
Concen: 46.33 ng  
RT: 14.680 min Scan# 2141  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

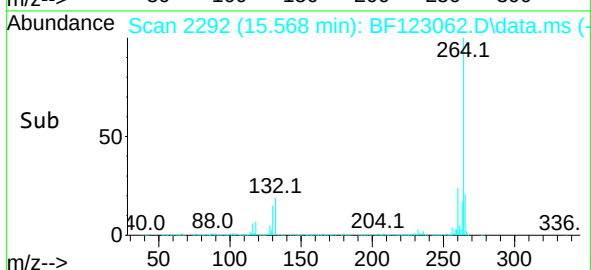
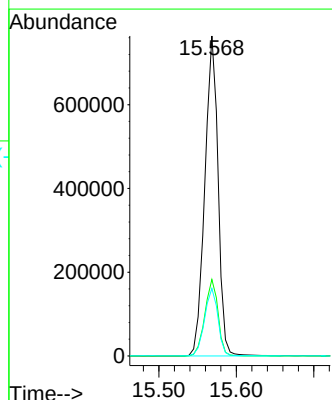
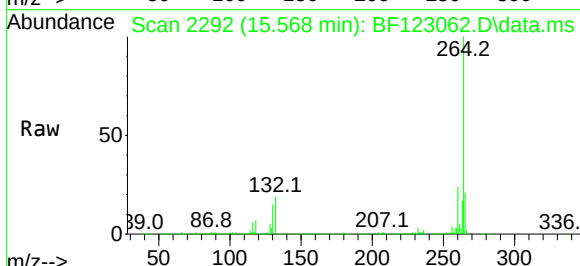
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

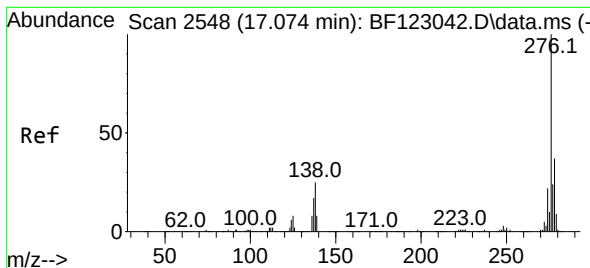
Tgt Ion:149 Resp: 3101062  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.3 7.6 11.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.568 min Scan# 2292  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:264 Resp: 905710  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 28.0  
265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.25 ng

RT: 17.080 min Scan# 2549

Delta R.T. 0.006 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

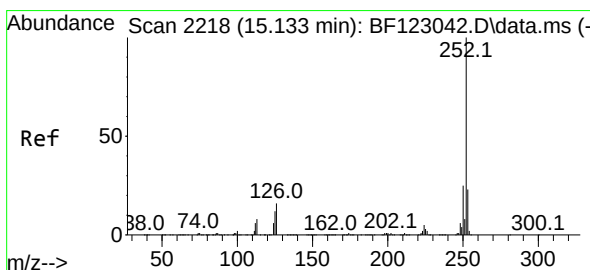
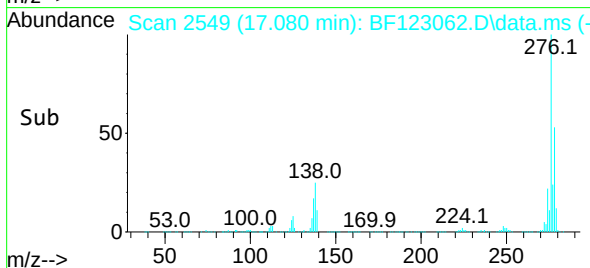
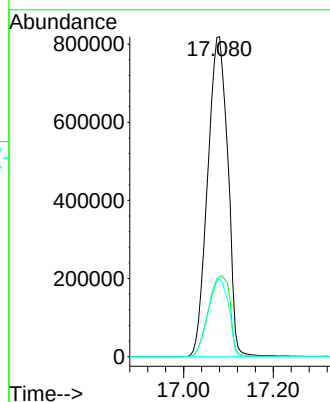
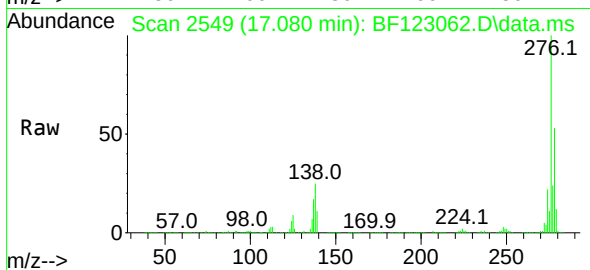
Tgt Ion:276 Resp: 2548452

Ion Ratio Lower Upper

276 100

138 27.1 18.7 28.1

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.79 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.006 min

Lab File: BF123062.D

Acq: 28 Jan 2021 16:34

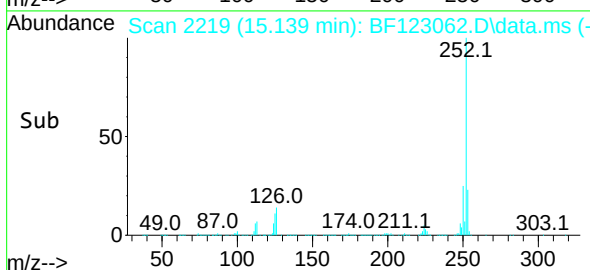
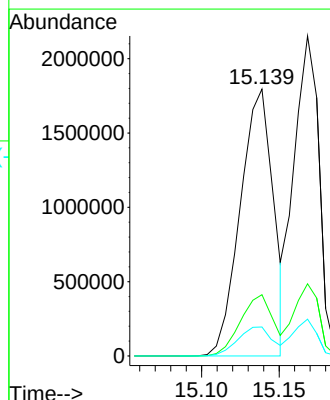
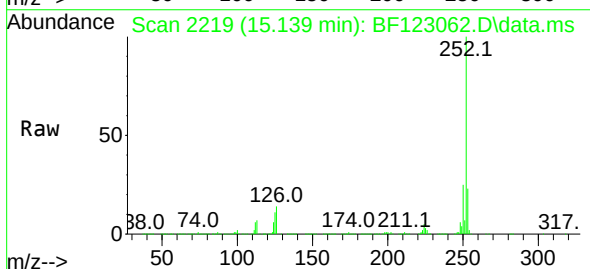
Tgt Ion:252 Resp: 2666687

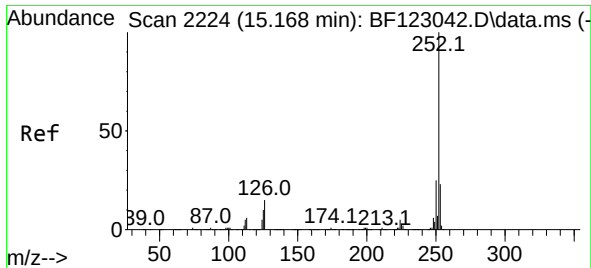
Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

125 10.8 8.1 12.1

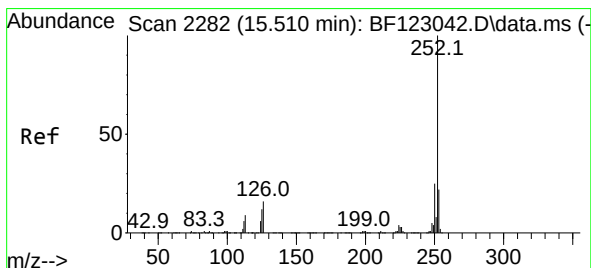
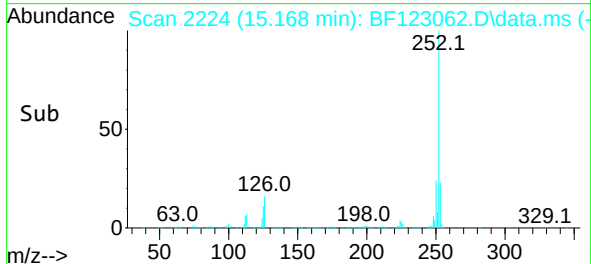
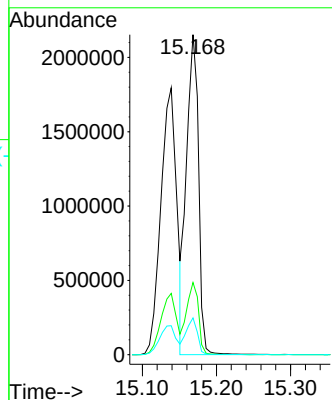
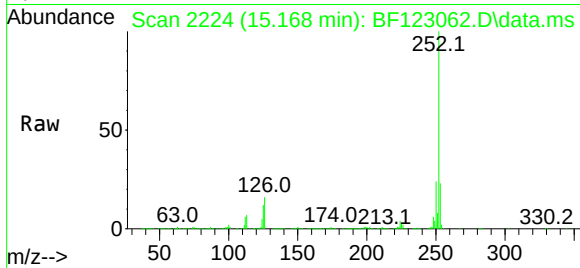




#89  
Benzo(k)fluoranthene  
Concen: 40.08 ng  
RT: 15.168 min Scan# 2224  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

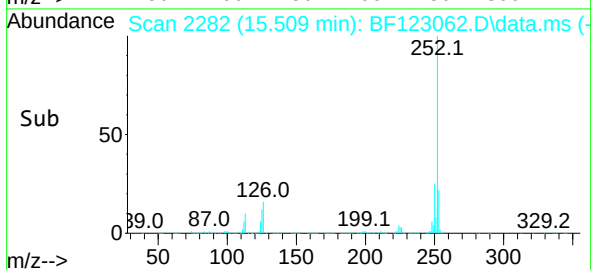
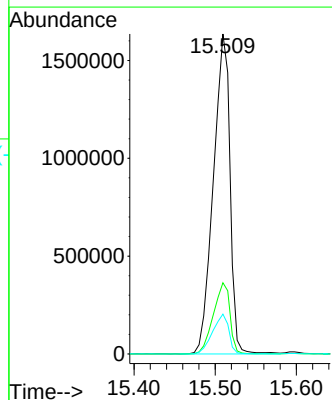
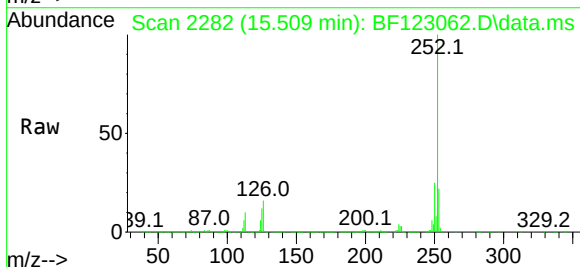
Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

Tgt Ion:252 Resp: 2434745  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.8  
125 11.5 8.4 12.6

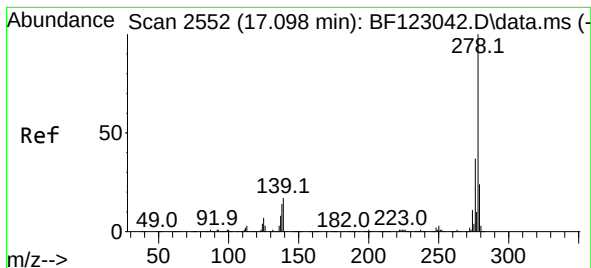


#90  
Benzo(a)pyrene  
Concen: 40.53 ng  
RT: 15.509 min Scan# 2282  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:252 Resp: 2327039  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 12.5 8.6 12.8



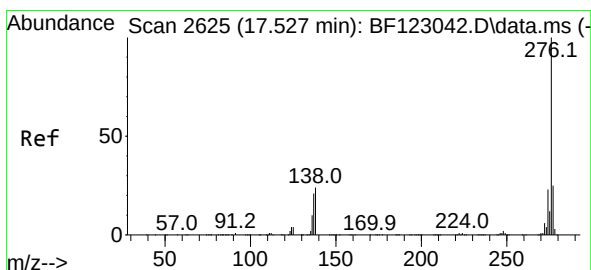
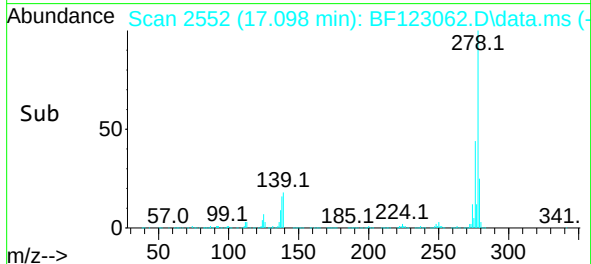
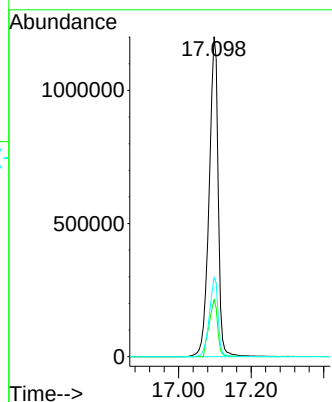
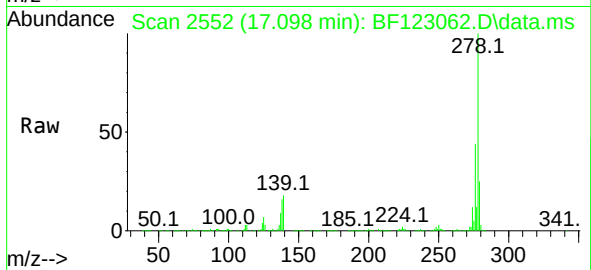




#91  
Dibenzo(a,h)anthracene  
Concen: 42.08 ng  
RT: 17.098 min Scan# 2552  
Delta R.T. -0.000 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PS1419LNMS

Tgt Ion:278 Resp: 2088846  
Ion Ratio Lower Upper  
278 100  
139 17.8 12.0 18.0  
279 24.7 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 42.30 ng  
RT: 17.533 min Scan# 2626  
Delta R.T. 0.006 min  
Lab File: BF123062.D  
Acq: 28 Jan 2021 16:34

Tgt Ion:276 Resp: 2034930  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.3 28.9  
138 24.0 16.6 24.8

