

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111720\  
 Data File : BF122341.D  
 Acq On : 17 Nov 2020 12:32  
 Operator : JU/CG  
 Sample : PB132985BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132985BS

Quant Time: Nov 17 13:02:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 12:25:42 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 376190   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 1414568  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 753733   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 1344704  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 1080086  | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 822021   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 2403123  | 98.09  | ng    | 0.02     |
| 7) Phenol-d6                  | 6.498  | 99   | 3082980  | 96.19  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 1976710  | 85.55  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 924627   | 114.30 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 3371444  | 69.89  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 3946195  | 77.40  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.734  | 88   | 600947   | 53.49  | ng    | 91       |
| 3) Pyridine                   | 3.469  | 79   | 998686   | 32.32  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.428  | 42   | 505758   | 34.72  | ng    | 97       |
| 6) Aniline                    | 6.528  | 93   | 1250445  | 29.73  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 1010000  | 39.75  | ng    | 92       |
| 9) Benzaldehyde               | 6.416  | 77   | 230034   | 10.11  | ng    | 95       |
| 10) Phenol                    | 6.510  | 94   | 1236926  | 39.19  | ng    | 79       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 940371   | 37.49  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 1063005  | 36.85  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 1074369  | 37.08  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.039  | 146  | 980457   | 36.26  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 840896   | 36.90  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 1366473  | 37.37  | ng    | 97       |
| 17) 2-Methylphenol            | 7.122  | 107  | 814288   | 38.40  | ng    | 97       |
| 18) Hexachloroethane          | 7.387  | 117  | 387755   | 38.43  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 709188   | 37.03  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 977160   | 37.44  | ng    | # 83     |
| 22) Acetophenone              | 7.281  | 105  | 1282460  | 34.81  | ng    | # 88     |
| 24) Nitrobenzene              | 7.451  | 77   | 1046813  | 39.60  | ng    | 97       |
| 25) Isophorone                | 7.692  | 82   | 1879684  | 36.49  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 489826   | 43.43  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 859923   | 35.39  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 1183654  | 37.57  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 852320   | 39.62  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 906776   | 38.19  | ng    | 96       |
| 31) Naphthalene               | 8.175  | 128  | 2701657  | 35.92  | ng    | 97       |
| 32) Benzoic acid              | 7.934  | 122  | 567006   | 43.13  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 900519   | 27.49  | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 527671   | 38.67  | ng    | 99       |
| 35) Caprolactam               | 8.657  | 113  | 100464   | 14.73  | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 866897   | 38.64  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 1817789  | 36.59  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 1735688  | 37.32  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.033  | 216  | 833767   | 35.90  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 1107608  | 81.56  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 608941   | 40.37  | ng    | 99       |

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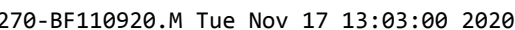
Instrument :  
 BNA\_F  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 12:25:42 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 651975   | 41.23 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 2129215  | 35.49 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 1766148  | 37.09 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 553645   | 39.99 | ng    | 90       |
| 49) Acenaphthylene            | 9.775  | 152  | 2645829  | 36.15 | ng    | 98       |
| 50) Dimethylphthalate         | 9.633  | 163  | 2038189  | 38.04 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 464614   | 39.68 | ng    | 92       |
| 52) Acenaphthene              | 9.945  | 154  | 1847075  | 40.77 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 405214   | 31.19 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 422177   | 82.64 | ng    | 97       |
| 55) Dibenzofuran              | 10.116 | 168  | 2440896  | 36.78 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 812987   | 70.28 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 630694   | 42.57 | ng #  | 86       |
| 58) Fluorene                  | 10.463 | 166  | 1816354  | 35.74 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 572955   | 43.57 | ng    | 98       |
| 60) Diethylphthalate          | 10.333 | 149  | 1976345  | 37.60 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 899923   | 37.51 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 504800   | 38.70 | ng    | 98       |
| 63) Azobenzene                | 10.610 | 77   | 1985227  | 36.00 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 294482   | 50.13 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 1708619  | 37.29 | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 625473   | 39.58 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 676545   | 39.63 | ng #  | 93       |
| 69) Atrazine                  | 11.098 | 200  | 514935   | 45.13 | ng    | 98       |
| 70) Pentachlorophenol         | 11.198 | 266  | 805787   | 81.92 | ng    | 98       |
| 71) Phenanthrene              | 11.422 | 178  | 2747692  | 36.01 | ng    | 97       |
| 72) Anthracene                | 11.474 | 178  | 2774821  | 35.29 | ng    | 98       |
| 73) Carbazole                 | 11.622 | 167  | 2564533  | 35.85 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 2881861  | 37.79 | ng    | 98       |
| 75) Fluoranthene              | 12.610 | 202  | 2853151  | 35.82 | ng    | 97       |
| 77) Benzidine                 | 12.727 | 184  | 1136013  | 37.92 | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 2868801  | 37.81 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 1227504  | 40.86 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 2457952  | 36.59 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 804204   | 32.13 | ng    | 99       |
| 83) Chrysene                  | 14.063 | 228  | 2491074  | 36.82 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 1503103  | 41.08 | ng #  | 96       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 2594406  | 41.84 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 1998107  | 40.51 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 2395039  | 44.99 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 2116926  | 40.78 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 1955746  | 42.14 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.992 | 278  | 1651552  | 39.98 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.415 | 276  | 1603198  | 39.90 | ng    | 98       |

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

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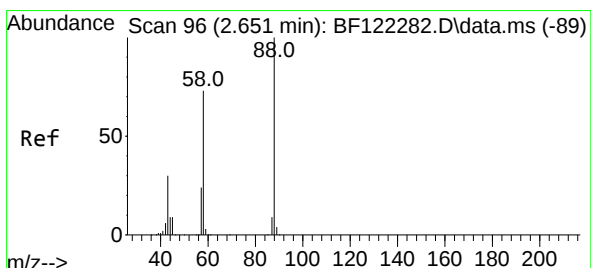
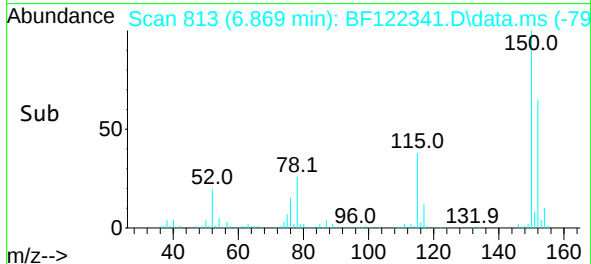
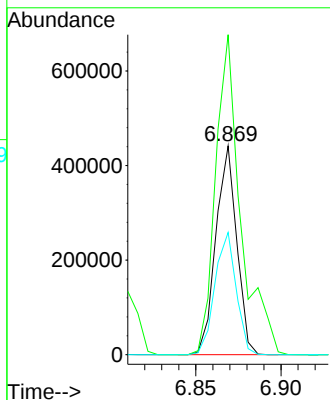
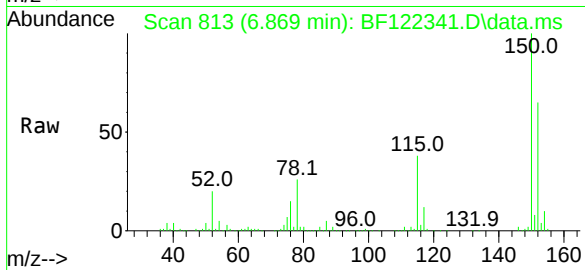




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.869 min Scan# 813  
 Delta R.T. -0.000 min  
 Lab File: BF122341.D  
 Acq: 17 Nov 2020 12:32

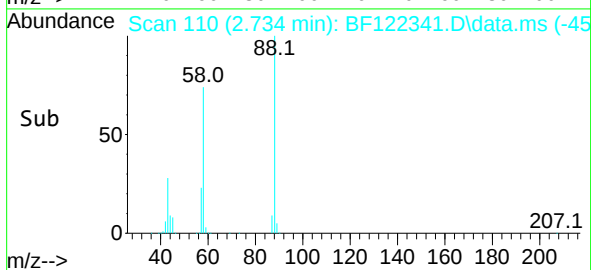
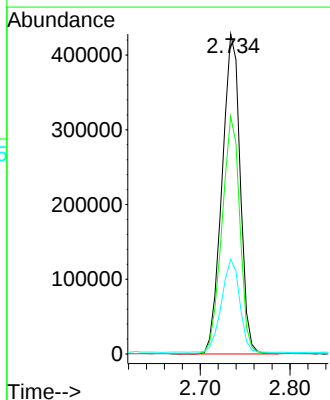
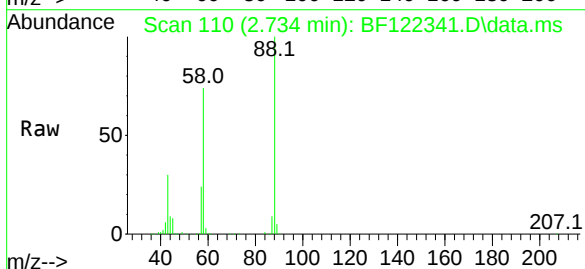
Instrument :  
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 PB132985BS

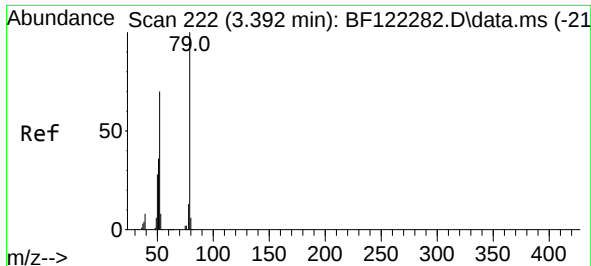
Tgt Ion:152 Resp: 376190  
 Ion Ratio Lower Upper  
 152 100  
 150 153.2 125.3 187.9  
 115 58.5 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 53.49 ng  
 RT: 2.734 min Scan# 110  
 Delta R.T. 0.083 min  
 Lab File: BF122341.D  
 Acq: 17 Nov 2020 12:32

Tgt Ion: 88 Resp: 600947  
 Ion Ratio Lower Upper  
 88 100  
 58 73.0 65.8 98.8  
 43 29.4 25.8 38.8

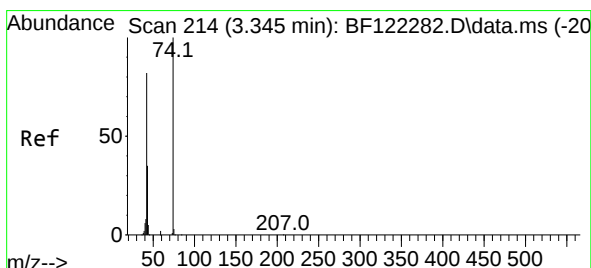
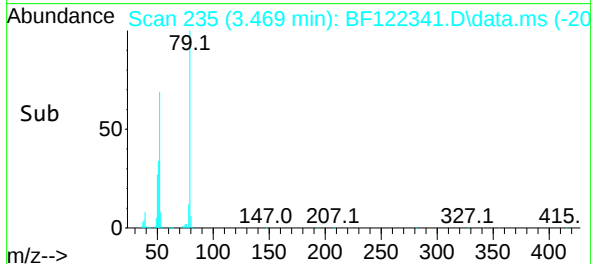
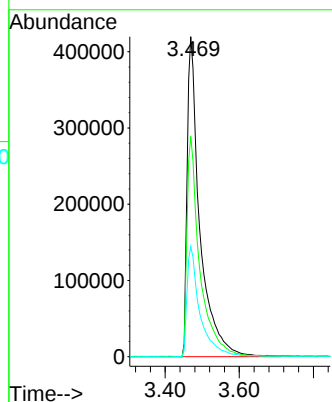
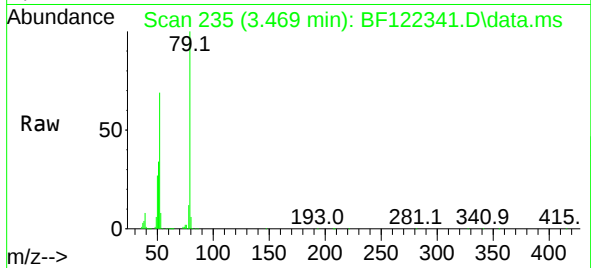




#3  
Pyridine  
Concen: 32.32 ng  
RT: 3.469 min Scan# 235  
Delta R.T. 0.077 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

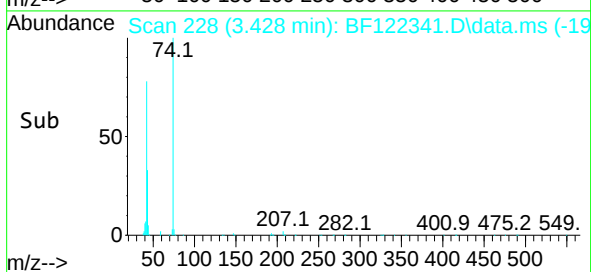
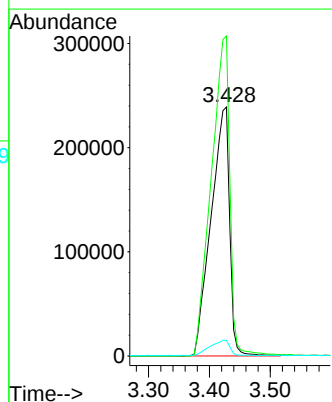
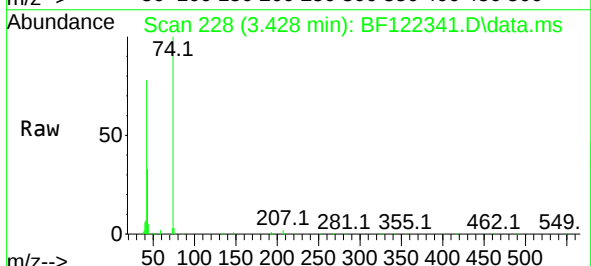
Instrument :  
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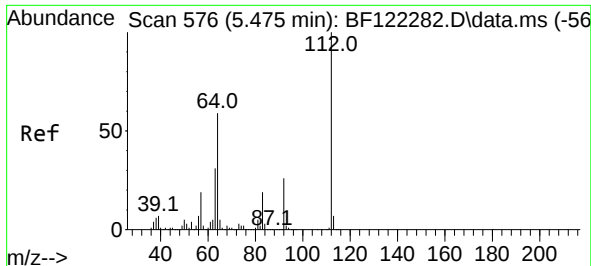
Tgt Ion: 79 Resp: 998686  
Ion Ratio Lower Upper  
79 100  
52 68.9 62.2 93.4  
51 34.4 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 34.72 ng  
RT: 3.428 min Scan# 228  
Delta R.T. 0.083 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion: 42 Resp: 505758  
Ion Ratio Lower Upper  
42 100  
74 128.5 100.2 150.2  
44 6.3 5.8 8.6

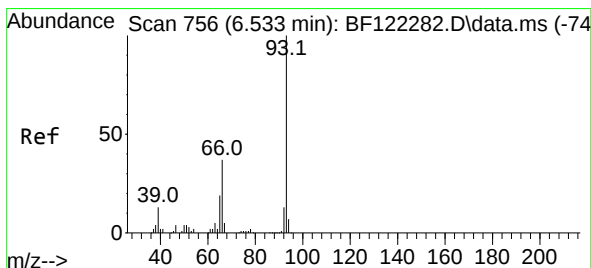
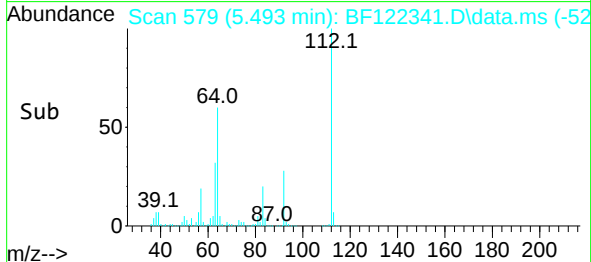
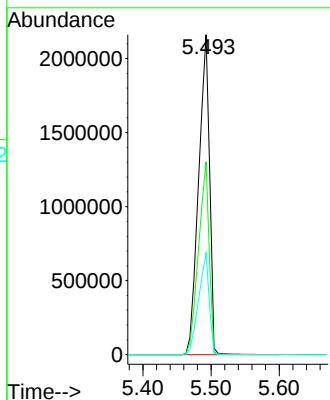
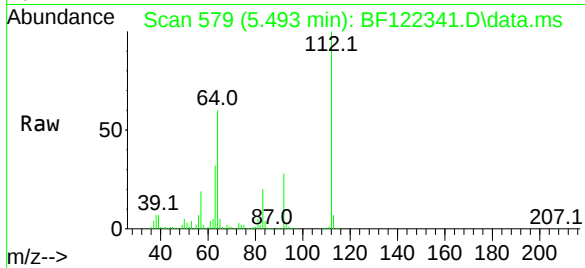




#5  
2-Fluorophenol  
Concen: 98.09 ng  
RT: 5.493 min Scan# 579  
Delta R.T. 0.018 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

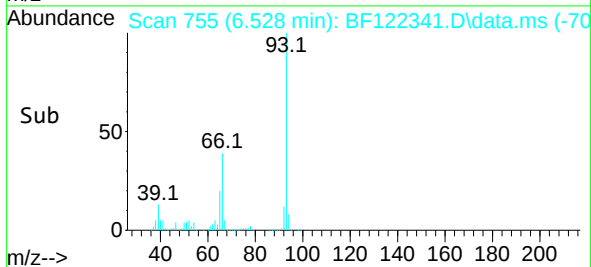
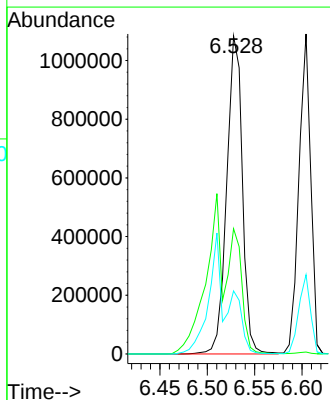
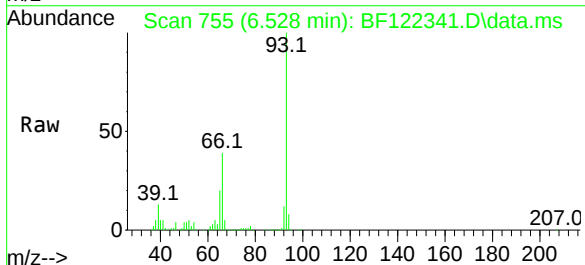
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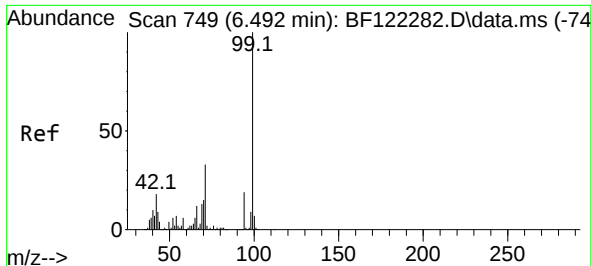
Tgt Ion:112 Resp: 2403123  
Ion Ratio Lower Upper  
112 100  
64 60.2 50.4 75.6  
63 31.8 25.8 38.6



#6  
Aniline  
Concen: 29.73 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion: 93 Resp: 1250445  
Ion Ratio Lower Upper  
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66 39.4 32.7 49.1  
65 19.8 16.6 24.8

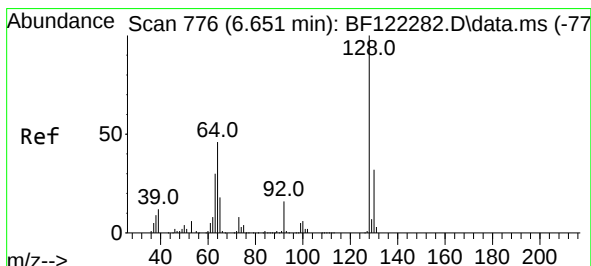
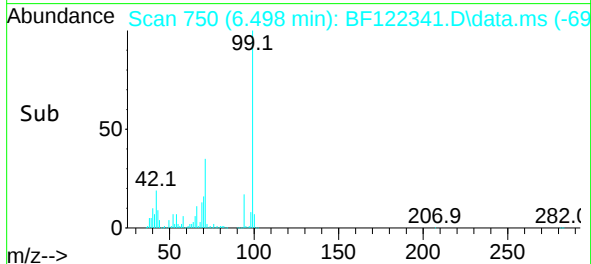
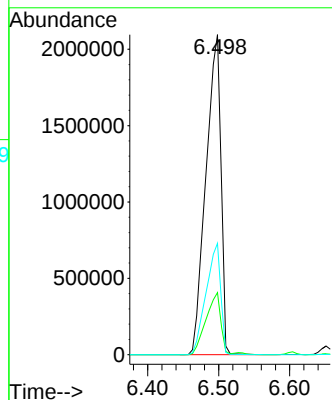
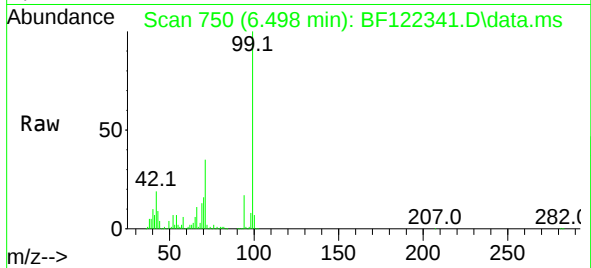




#7  
Phenol-d6  
Concen: 96.19 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

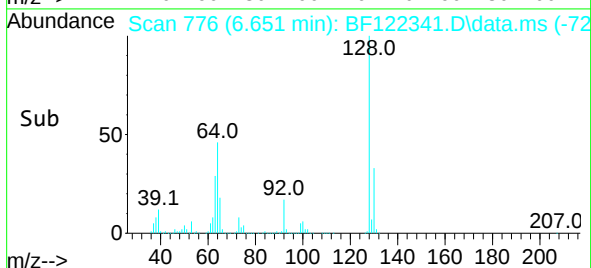
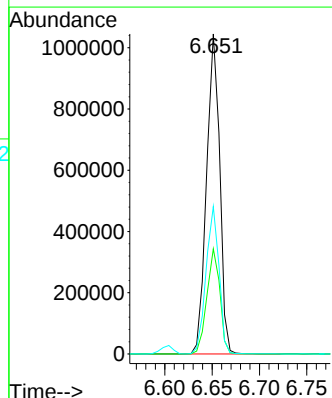
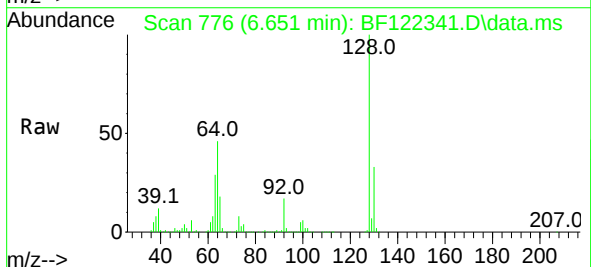
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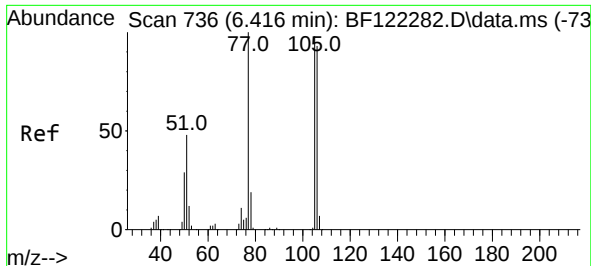
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Ion Ratio Lower Upper  
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42 19.4 15.9 23.9  
71 34.8 27.1 40.7



#8  
2-Chlorophenol  
Concen: 39.75 ng  
RT: 6.651 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion: 128 Resp: 1010000  
Ion Ratio Lower Upper  
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130 32.9 12.4 52.4  
64 46.1 34.8 74.8

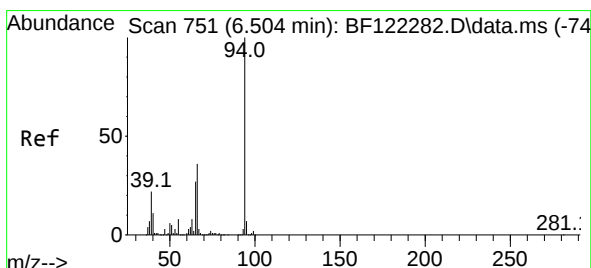
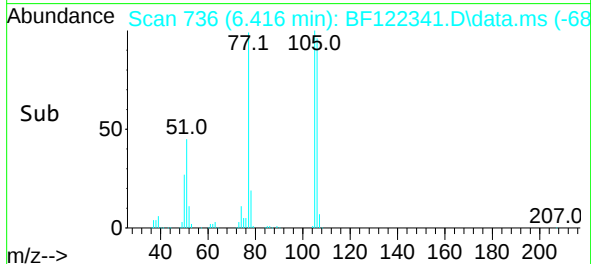
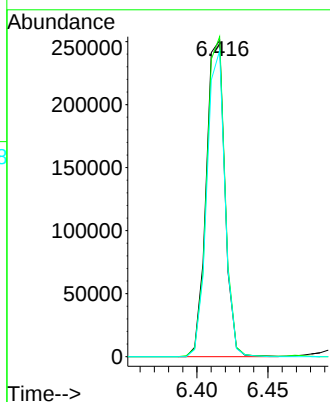
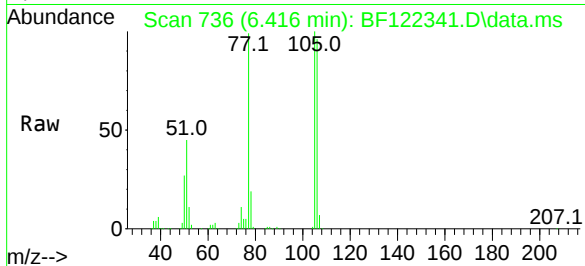




#9  
Benzaldehyde  
Concen: 10.11 ng  
RT: 6.416 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

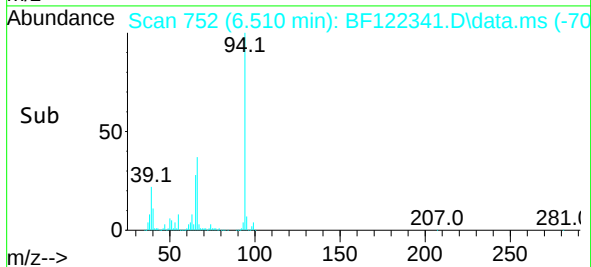
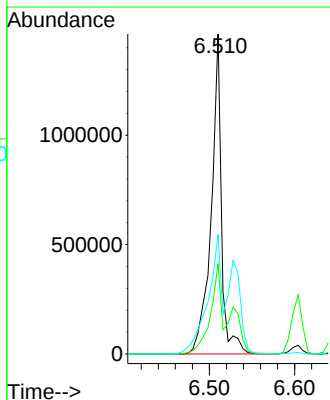
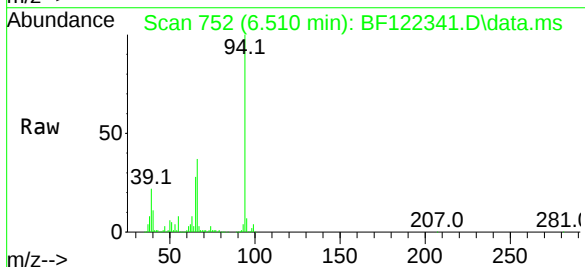
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

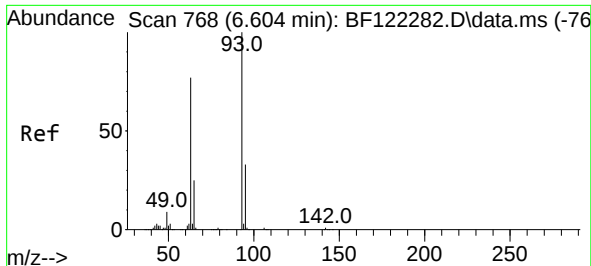
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 230034 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 101.2 | 76.7  | 116.7  |
| 106      | 96.8  | 71.3  | 111.3  |



#10  
Phenol  
Concen: 39.19 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1236926 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 28.2  | 17.1  | 57.1    |
| 66       | 37.4  | 36.0  | 76.0    |

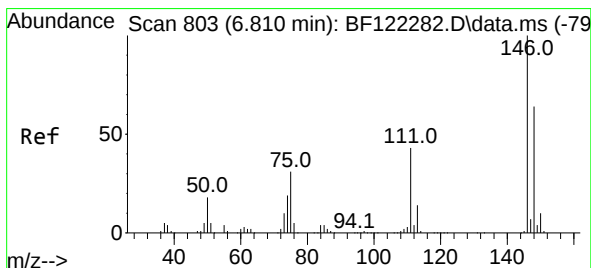
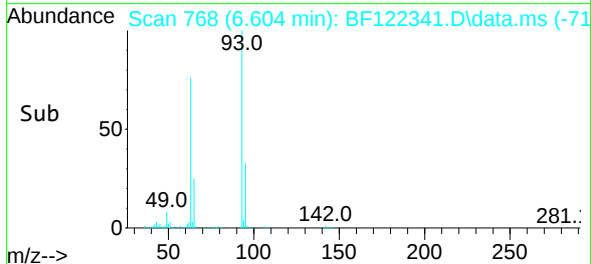
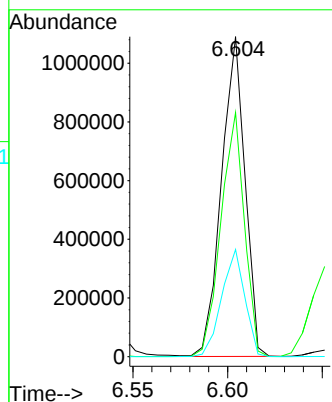
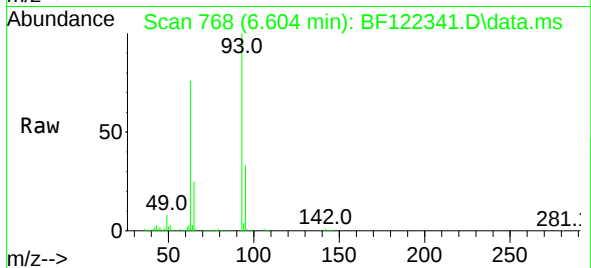




#11  
bis(2-Chloroethyl)ether  
Concen: 37.49 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

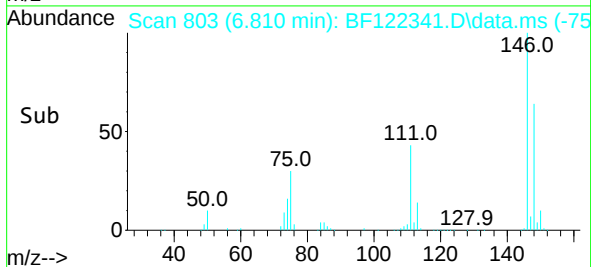
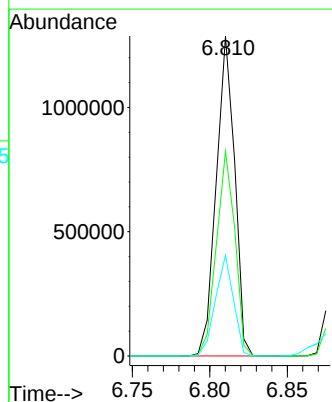
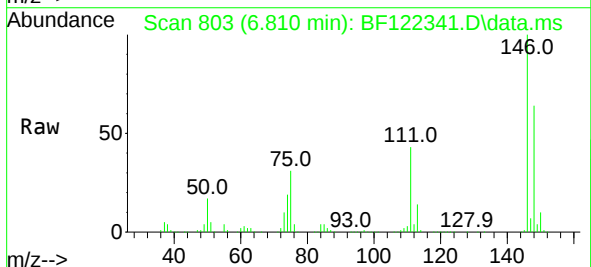
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

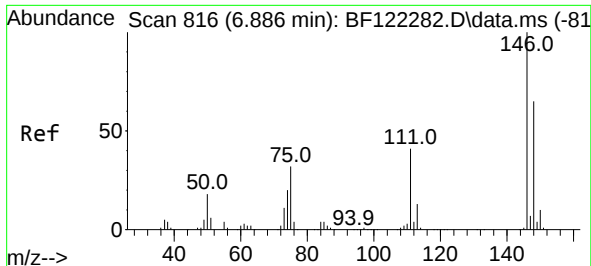
Tgt Ion: 93 Resp: 940371  
Ion Ratio Lower Upper  
93 100  
63 76.3 62.4 102.4  
95 33.5 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 36.85 ng  
RT: 6.810 min Scan# 803  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:146 Resp: 1063005  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.0 76.4  
75 31.4 27.6 41.4

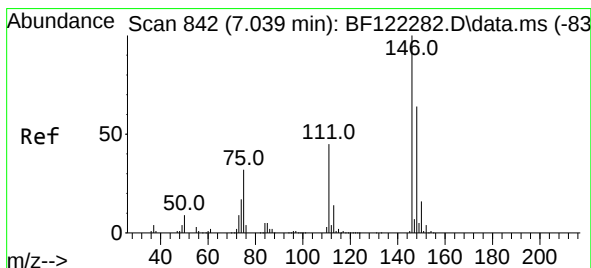
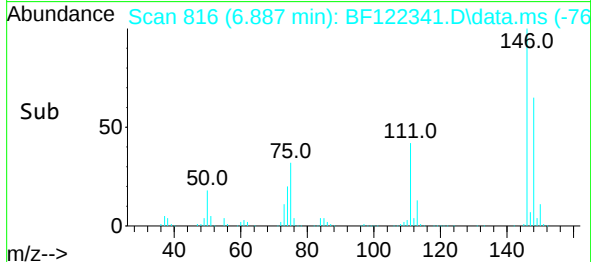
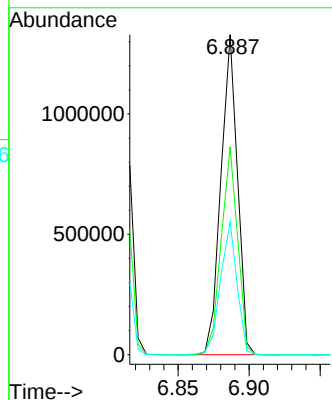
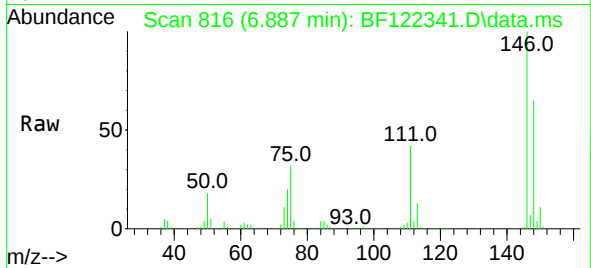




#13  
1,4-Dichlorobenzene  
Concen: 37.08 ng  
RT: 6.887 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

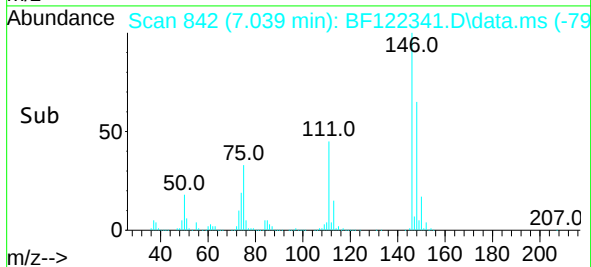
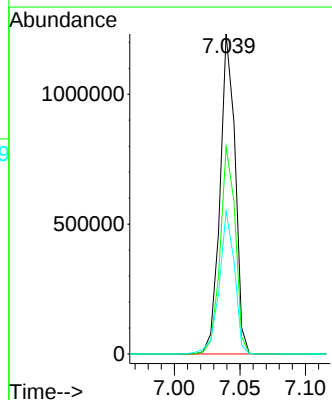
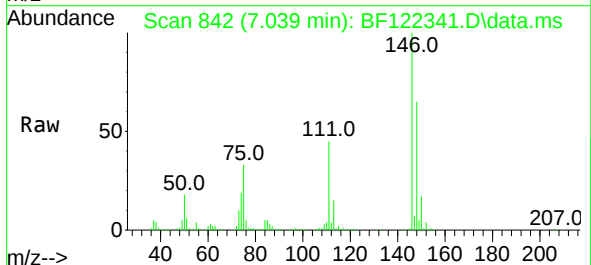
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

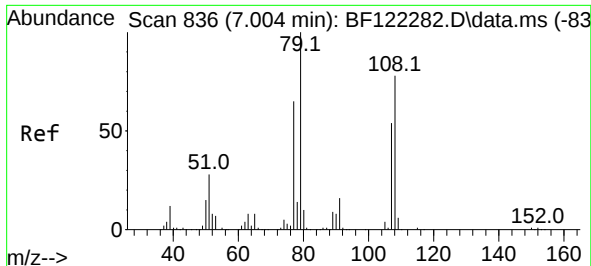
Tgt Ion:146 Resp: 1074369  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.1 75.1  
111 41.5 34.6 52.0



#14  
1,2-Dichlorobenzene  
Concen: 36.26 ng  
RT: 7.039 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:146 Resp: 980457  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.1 76.7  
111 44.6 34.2 51.4





#15

Benzyl Alcohol

Concen: 36.90 ng

RT: 7.010 min Scan# 837

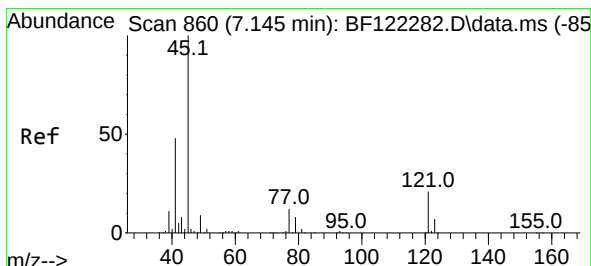
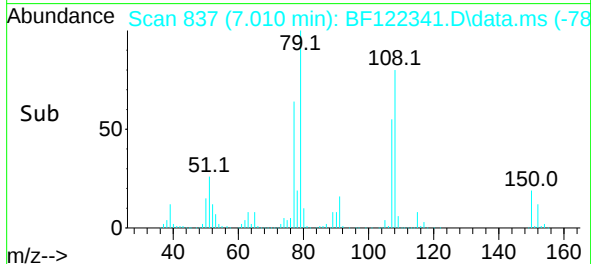
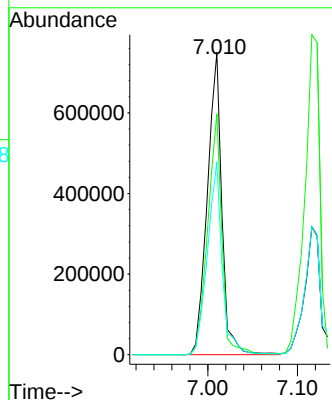
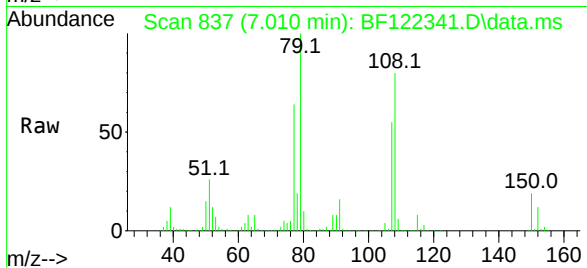
Delta R.T. 0.006 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

Tgt Ion: 79 Resp: 840896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 79.7  | 62.3  | 93.5  |
| 77  | 63.7  | 50.6  | 75.8  |



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.37 ng

RT: 7.145 min Scan# 860

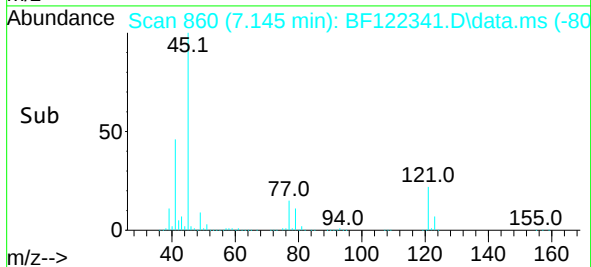
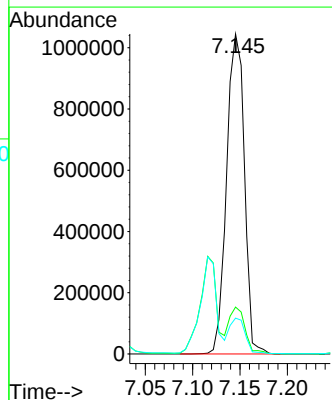
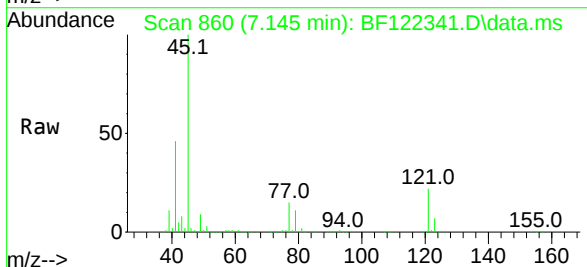
Delta R.T. 0.000 min

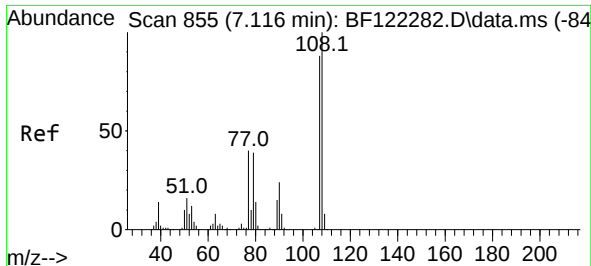
Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

Tgt Ion: 45 Resp: 1366473

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 14.6  | 0.0   | 33.3  |
| 79  | 11.2  | 0.0   | 30.4  |

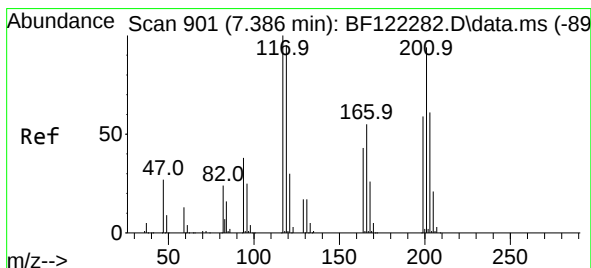
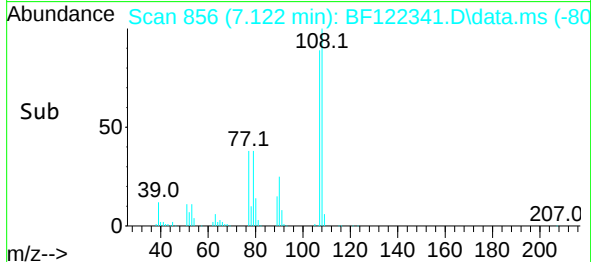
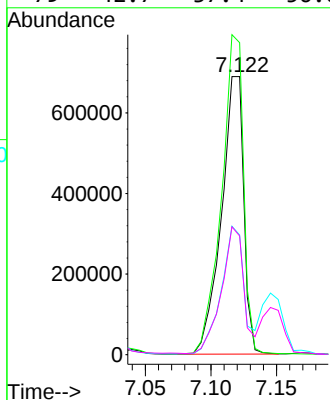
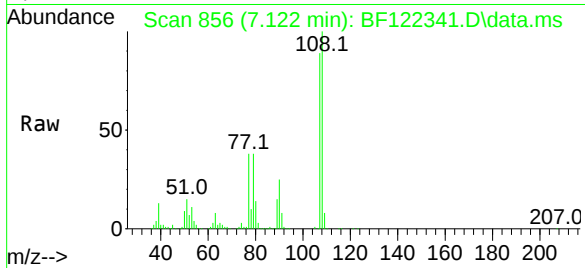




#17  
2-Methylphenol  
Concen: 38.40 ng  
RT: 7.122 min Scan# 856  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

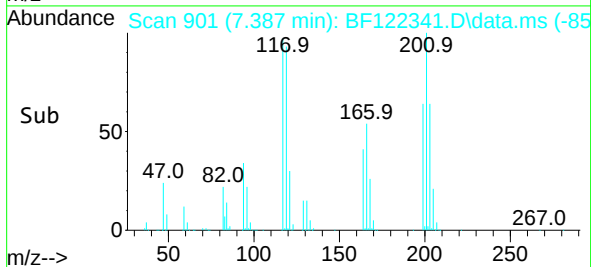
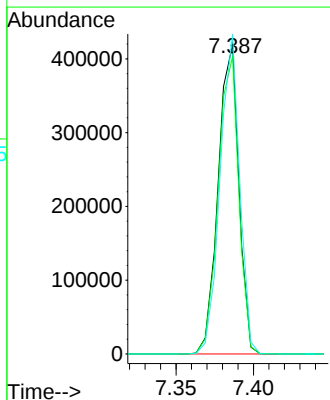
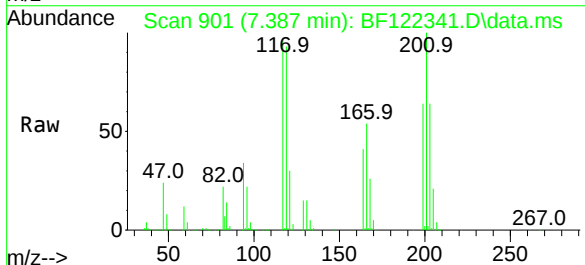
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

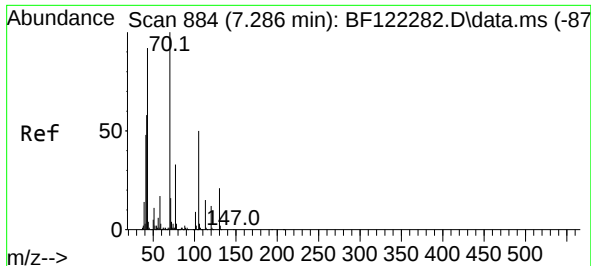
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 814288 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.1 | 90.9  | 136.3  |
| 77        | 43.0  | 37.5  | 56.3   |
| 79        | 42.7  | 37.4  | 56.0   |



#18  
Hexachloroethane  
Concen: 38.43 ng  
RT: 7.387 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 387755 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.2  | 76.3  | 114.5  |
| 201       | 103.4 | 71.8  | 107.6  |



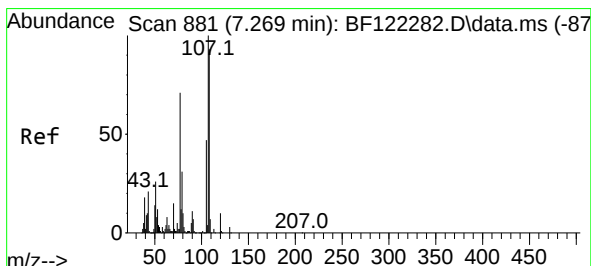
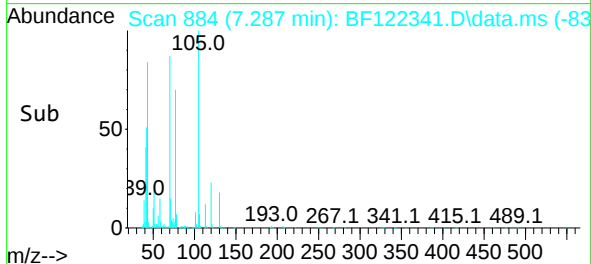
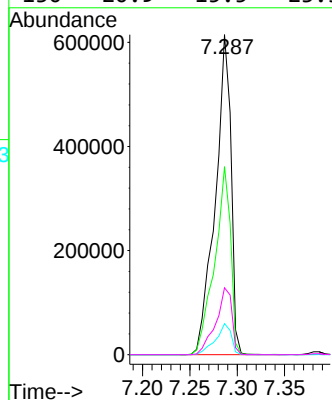
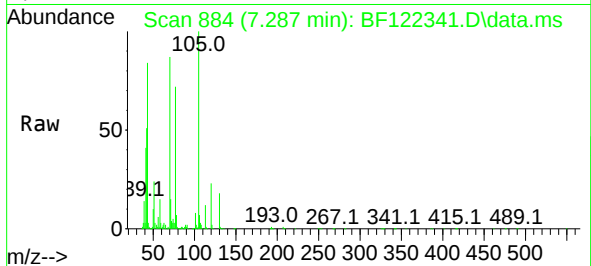


#19  
n-Nitroso-di-n-propylamine  
Concen: 37.03 ng  
RT: 7.287 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

Tgt Ion: 70 Resp: 709188

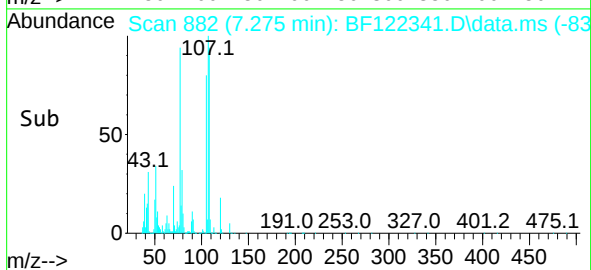
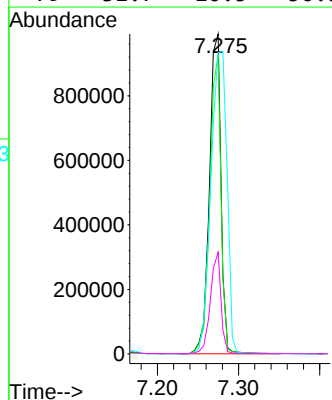
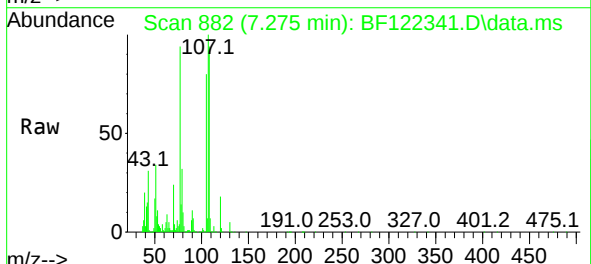
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 58.8  | 50.2  | 75.4  |
| 101 | 9.7   | 7.5   | 11.3  |
| 130 | 20.9  | 15.5  | 23.3  |

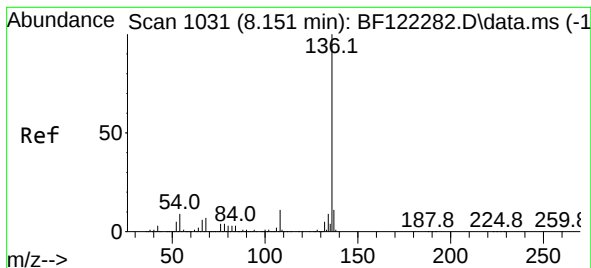


#20  
3+4-Methylphenols  
Concen: 37.44 ng  
RT: 7.275 min Scan# 882  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion: 107 Resp: 977160

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 93.6  | 68.9  | 108.9  |
| 77  | 94.1  | 108.0 | 148.0# |
| 79  | 31.7  | 10.5  | 50.5   |



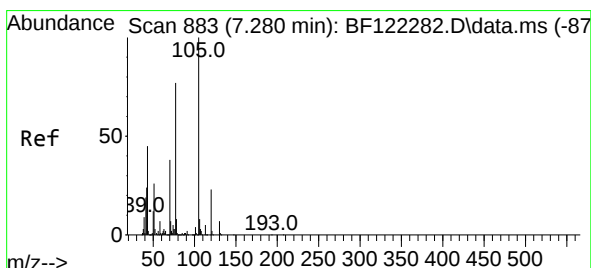
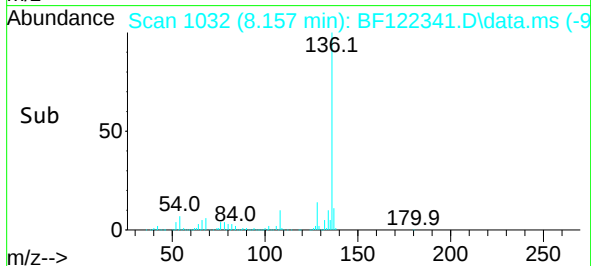
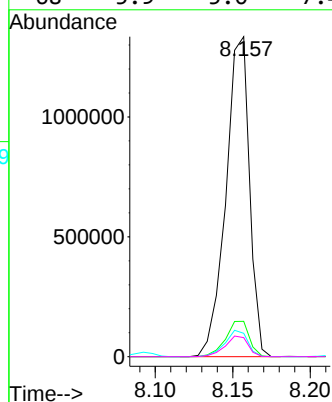
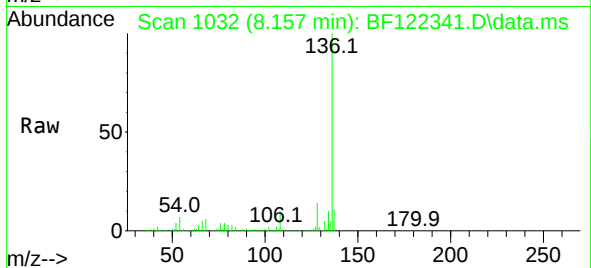


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

Tgt Ion:136 Resp: 1414568

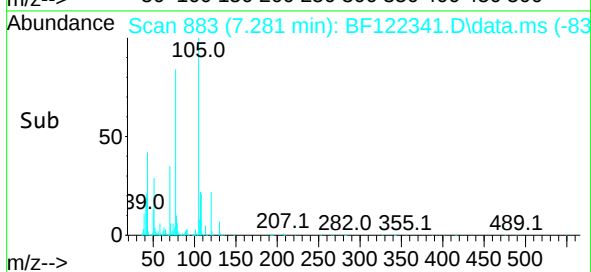
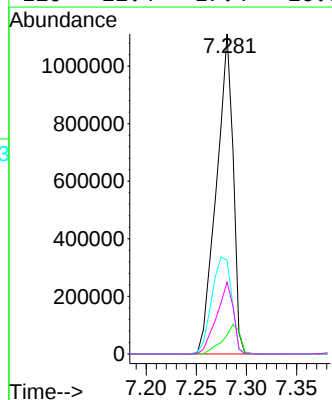
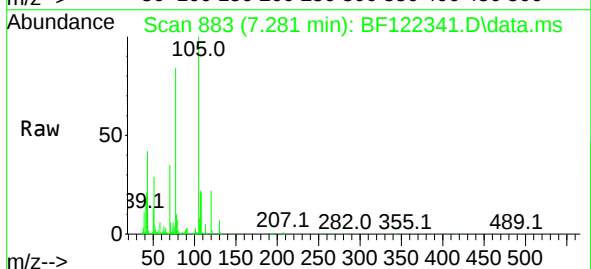
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 7.3   | 7.1   | 10.7  |
| 68  | 5.9   | 5.0   | 7.4   |

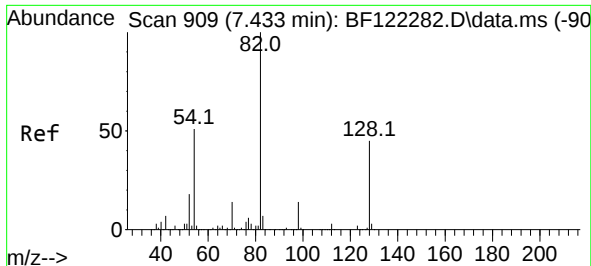


#22  
Acetophenone  
Concen: 34.81 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:105 Resp: 1282460

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.9   | 5.3   | 7.9   |
| 51  | 29.3  | 33.2  | 49.8# |
| 120 | 22.4  | 17.4  | 26.0  |





#23

Nitrobenzene-d5

Concen: 85.55 ng

RT: 7.434 min Scan# 909

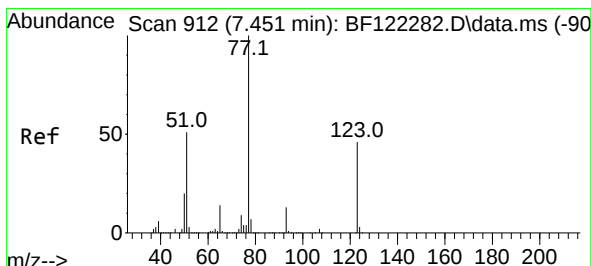
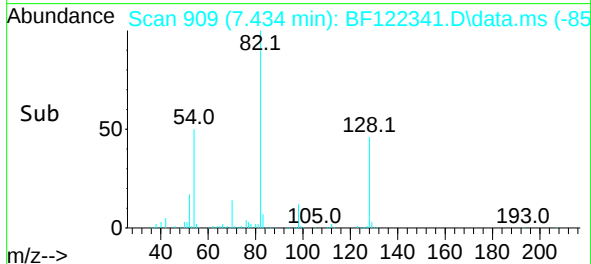
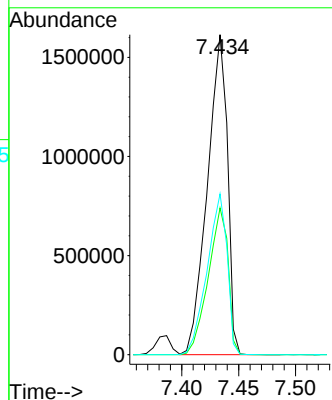
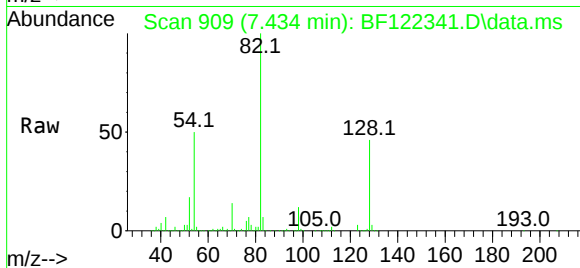
Delta R.T. 0.000 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

Tgt Ion: 82 Resp: 1976710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.9  | 35.0  | 52.4  |
| 54  | 50.3  | 43.9  | 65.9  |



#24

Nitrobenzene

Concen: 39.60 ng

RT: 7.451 min Scan# 912

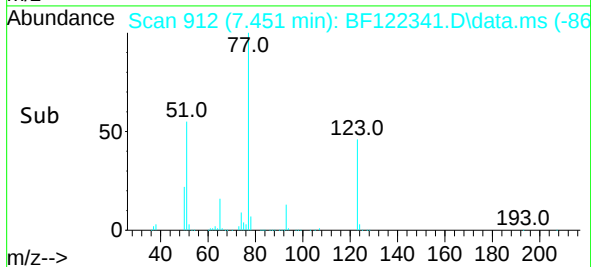
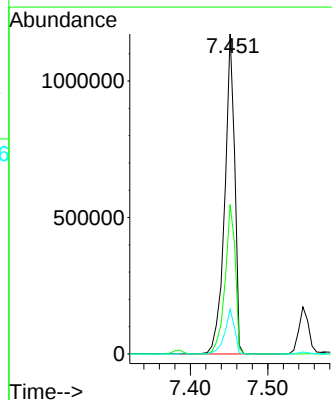
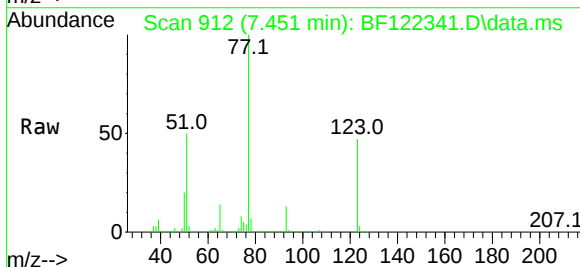
Delta R.T. 0.000 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

Tgt Ion: 77 Resp: 1046813

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.7  | 35.6  | 53.4  |
| 65  | 14.0  | 11.2  | 16.8  |

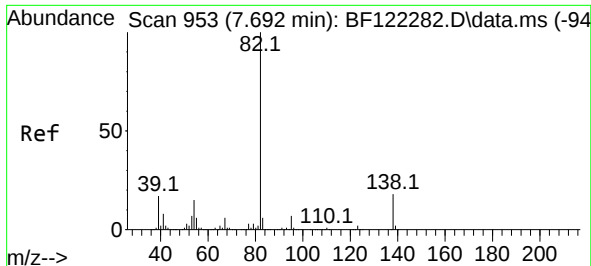


Instrument :

BNA\_F

ClientSampleId :

PB132985BS

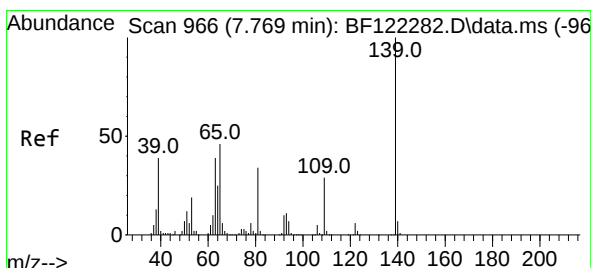
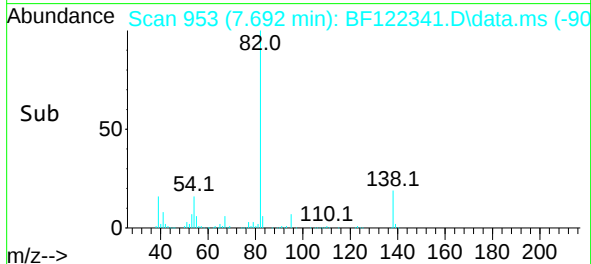
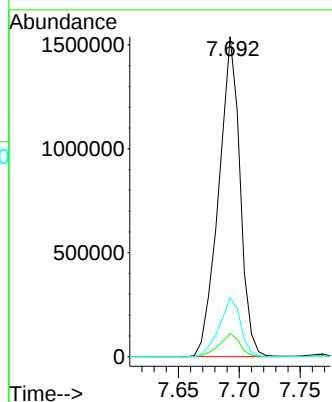
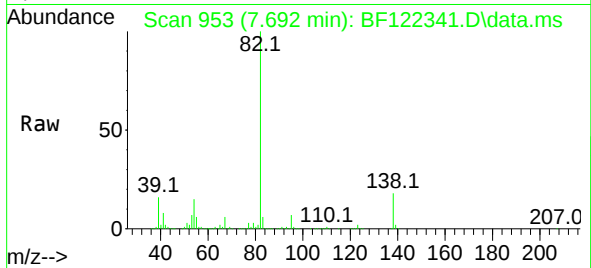


#25  
Isophorone  
Concen: 36.49 ng  
RT: 7.692 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

Tgt Ion: 82 Resp: 1879684  

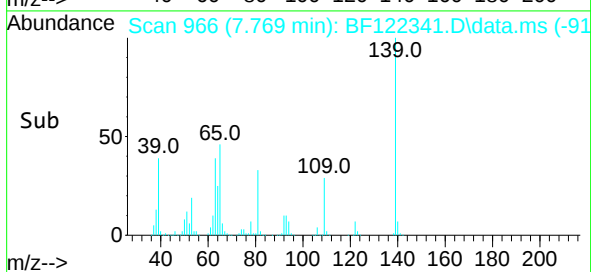
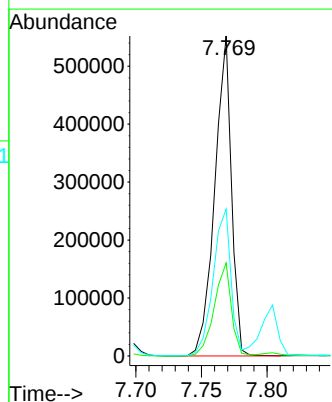
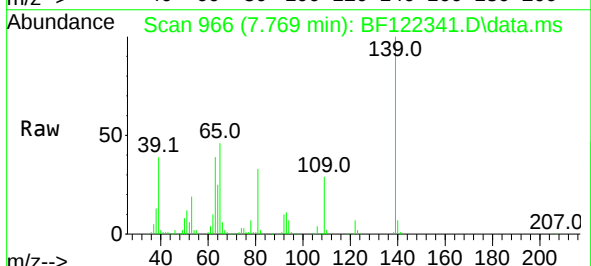
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.2   | 5.4   | 8.0   |
| 138 | 18.3  | 13.4  | 20.0  |

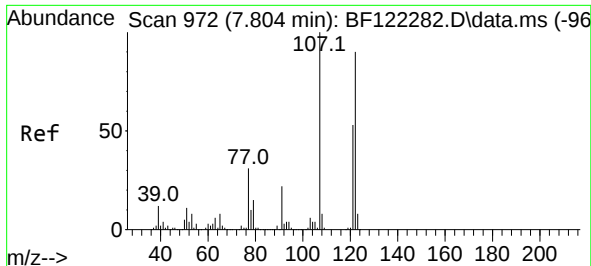


#26  
2-Nitrophenol  
Concen: 43.43 ng  
RT: 7.769 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:139 Resp: 489826  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 29.0  | 23.0  | 34.4  |
| 65  | 45.9  | 39.9  | 59.9  |

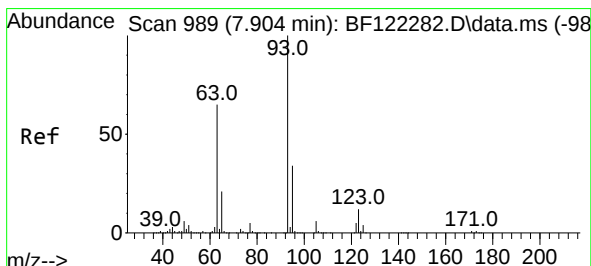
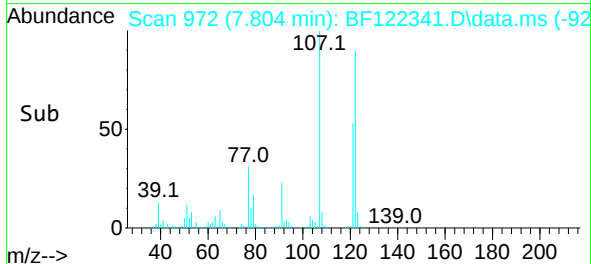
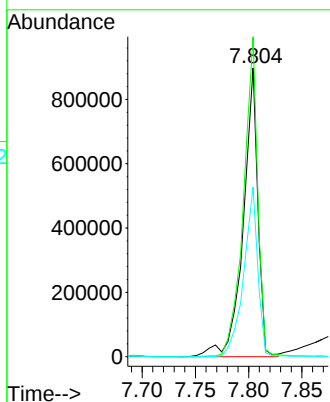
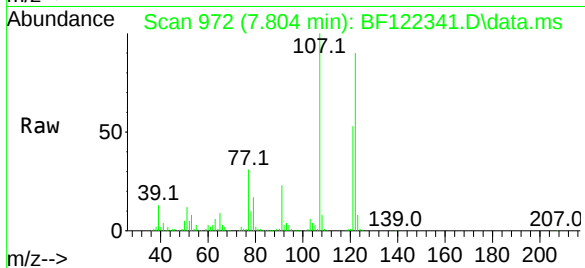




#27  
2,4-Dimethylphenol  
Concen: 35.39 ng  
RT: 7.804 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

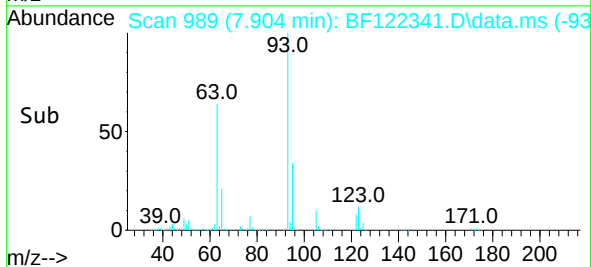
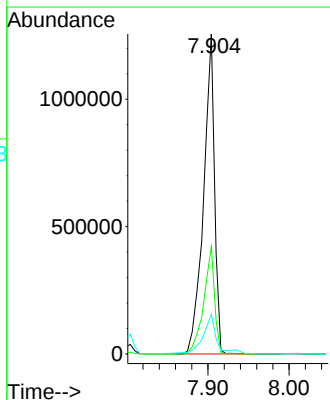
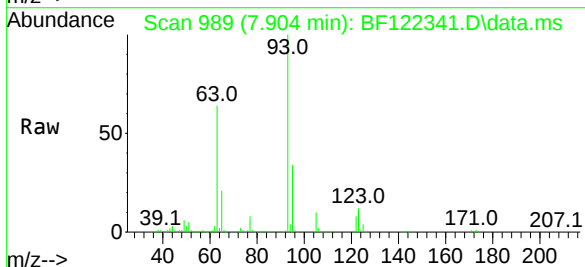
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

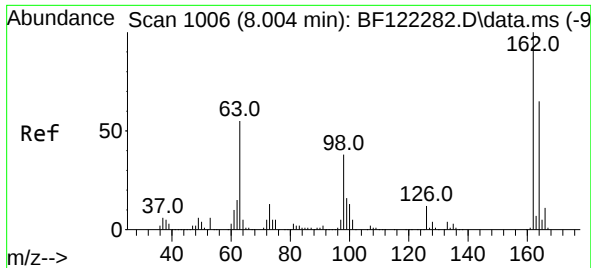
Tgt Ion:122 Resp: 859923  
Ion Ratio Lower Upper  
122 100  
107 110.8 90.8 136.2  
121 58.7 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.57 ng  
RT: 7.904 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion: 93 Resp: 1183654  
Ion Ratio Lower Upper  
93 100  
95 33.6 26.2 39.4  
123 12.3 8.8 13.2

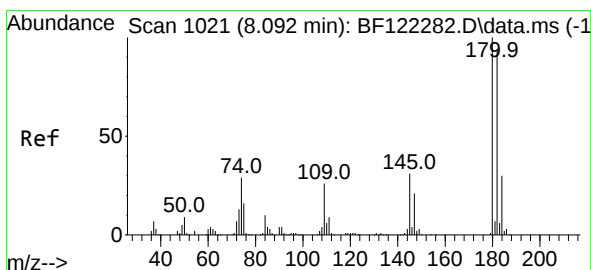
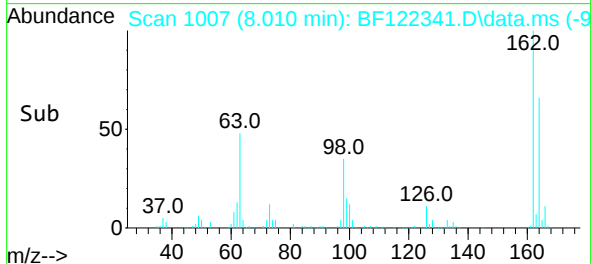
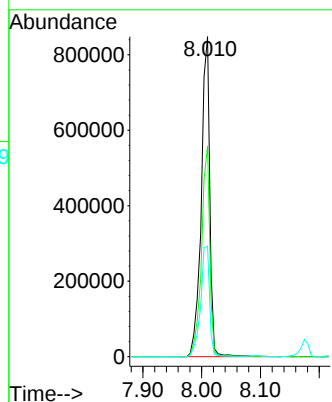
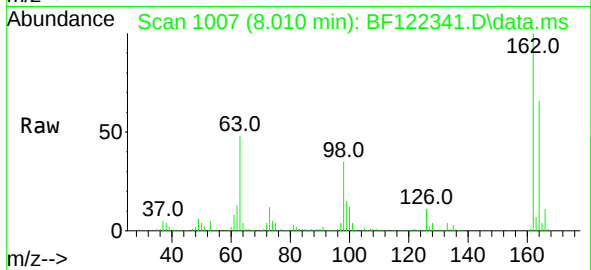




#29  
2,4-Dichlorophenol  
Concen: 39.62 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

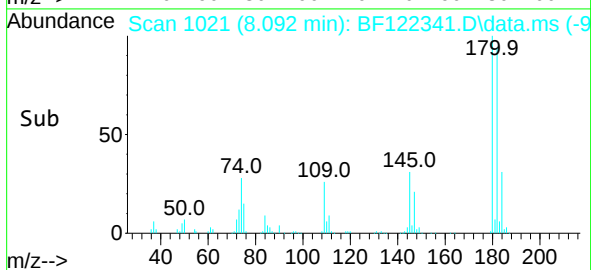
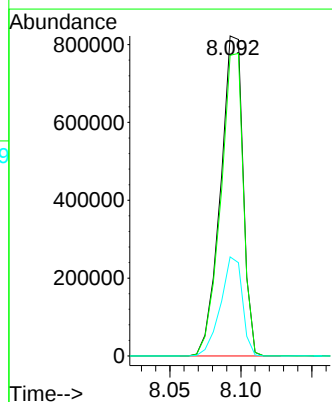
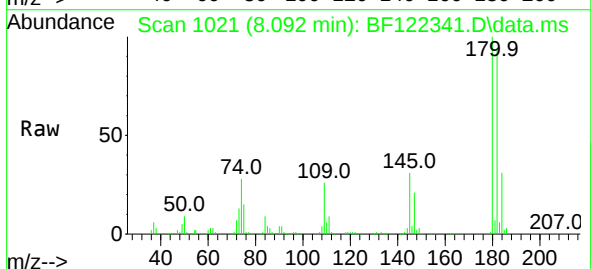
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

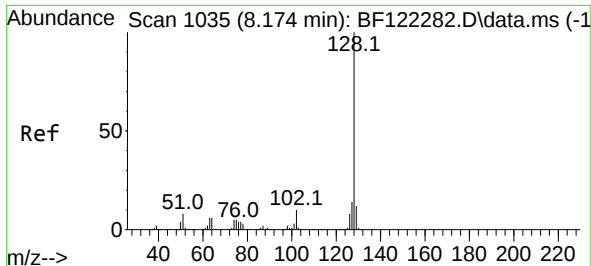
Tgt Ion:162 Resp: 852320  
Ion Ratio Lower Upper  
162 100  
164 65.9 42.5 82.5  
98 34.5 20.1 60.1



#30  
1,2,4-Trichlorobenzene  
Concen: 38.19 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:180 Resp: 906776  
Ion Ratio Lower Upper  
180 100  
182 94.0 79.4 119.2  
145 31.0 25.5 38.3

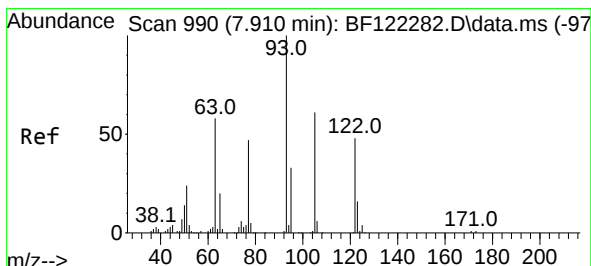
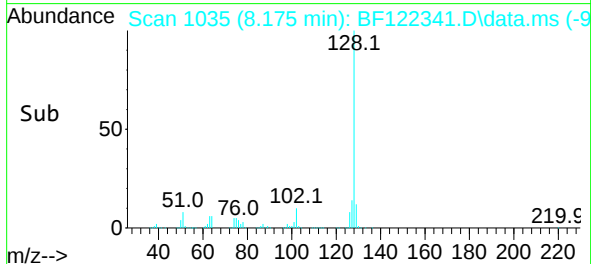
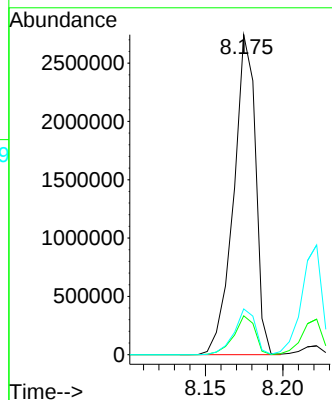
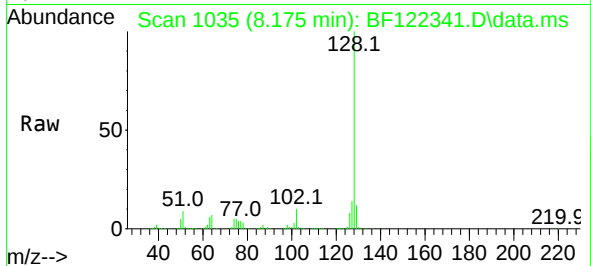




#31  
Naphthalene  
Concen: 35.92 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

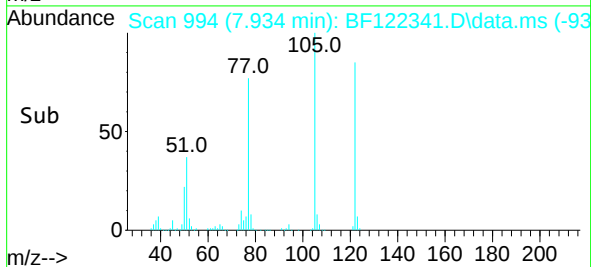
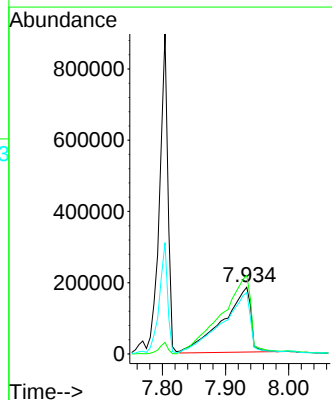
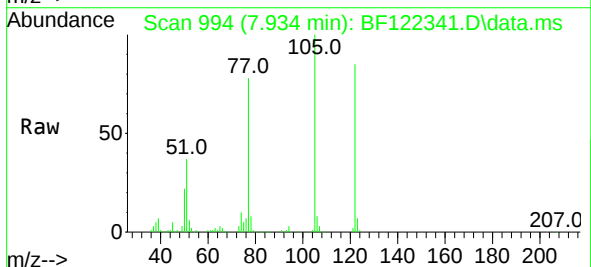
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

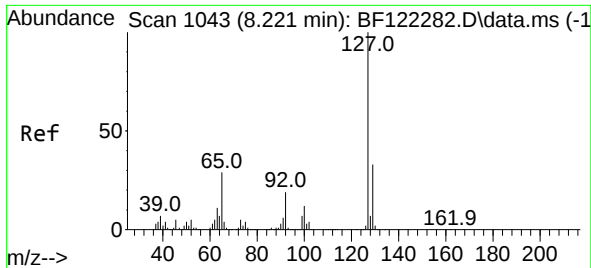
Tgt Ion:128 Resp: 2701657  
Ion Ratio Lower Upper  
128 100  
129 12.2 8.7 13.1  
127 14.3 10.8 16.2



#32  
Benzoic acid  
Concen: 43.13 ng  
RT: 7.934 min Scan# 994  
Delta R.T. 0.024 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:122 Resp: 567006  
Ion Ratio Lower Upper  
122 100  
105 117.7 103.3 143.3  
77 92.1 73.9 113.9

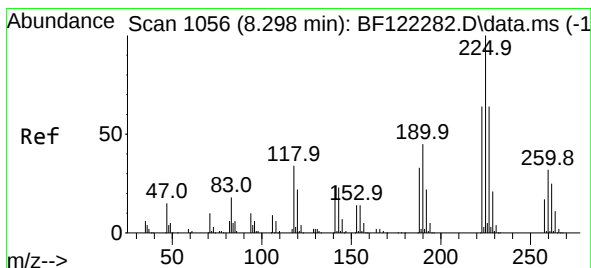
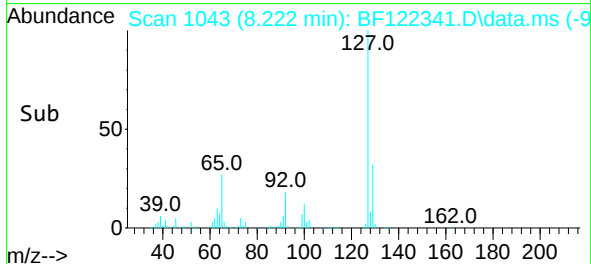
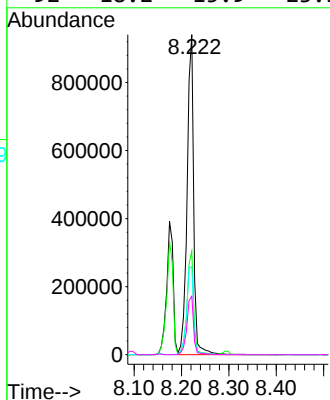
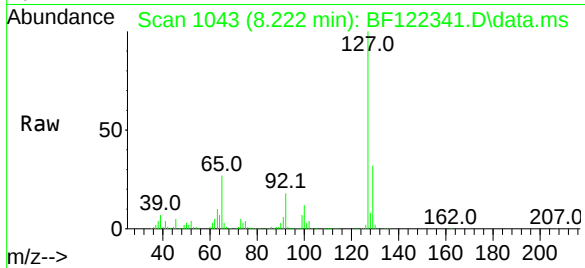




#33  
4-Chloroaniline  
Concen: 27.49 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

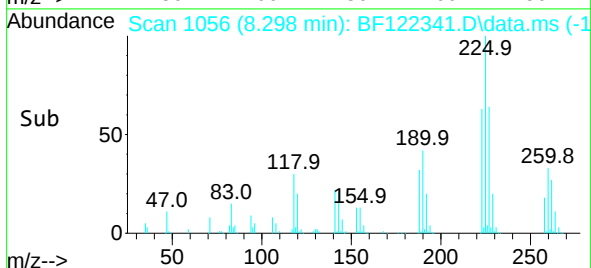
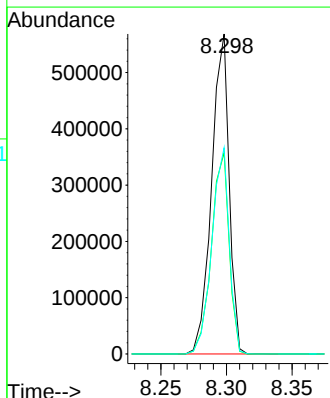
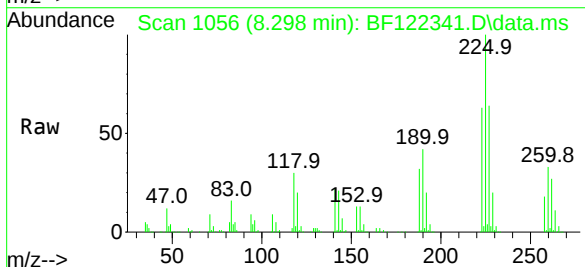
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BNA\_F  
ClientSampleId :  
PB132985BS

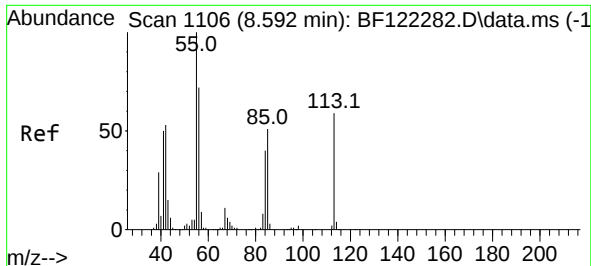
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 900519 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.3  | 39.5   |
| 65       | 27.5  | 26.2  | 39.2   |
| 92       | 18.2  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 38.67 ng  
RT: 8.298 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 527671 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 51.1  | 76.7   |
| 227      | 64.5  | 51.0  | 76.6   |

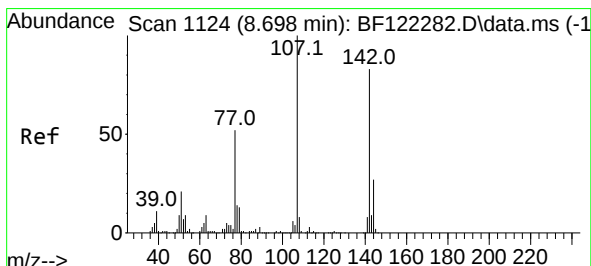
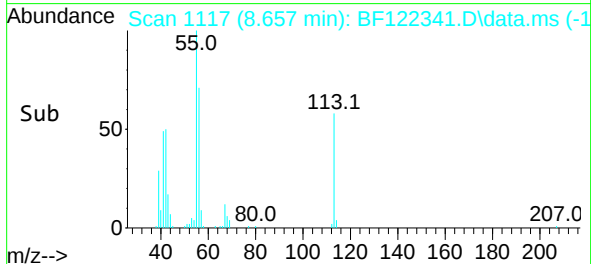
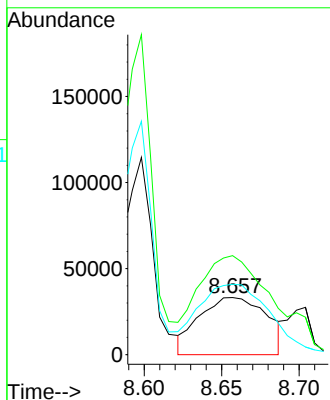
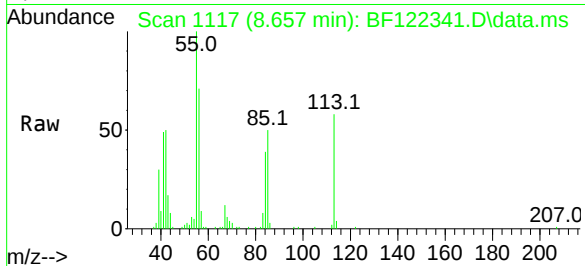




#35  
Caprolactam  
Concen: 14.73 ng  
RT: 8.657 min Scan# 1117  
Delta R.T. 0.065 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

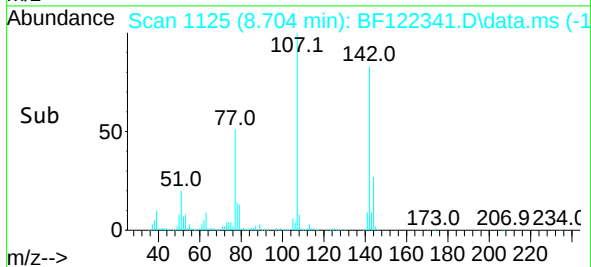
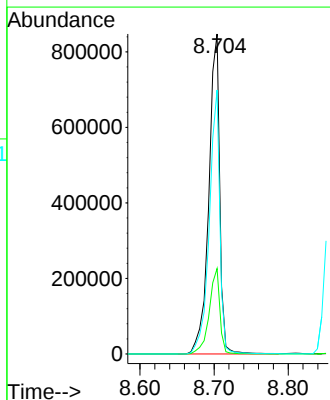
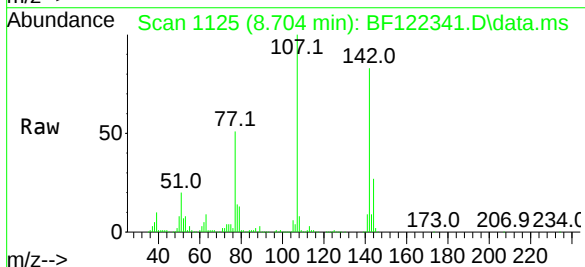
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

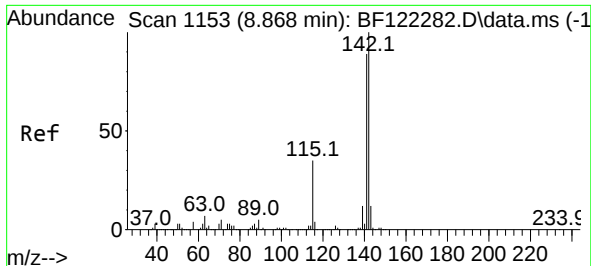
Tgt Ion:113 Resp: 100464  
Ion Ratio Lower Upper  
113 100  
55 173.6 167.5 207.5  
56 123.5 121.2 161.2



#36  
4-Chloro-3-methylphenol  
Concen: 38.64 ng  
RT: 8.704 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:107 Resp: 866897  
Ion Ratio Lower Upper  
107 100  
144 26.7 20.1 30.1  
142 82.5 59.3 88.9

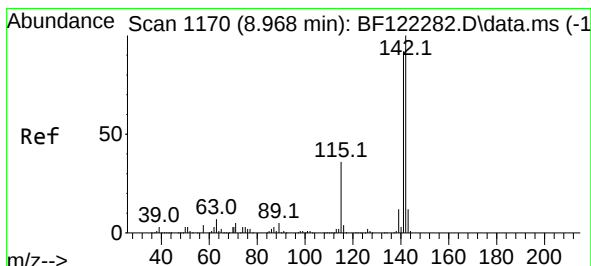
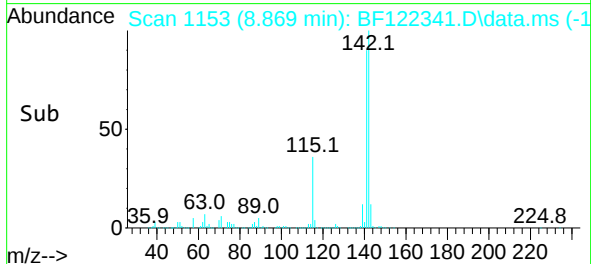
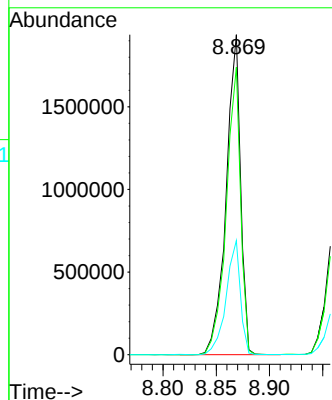
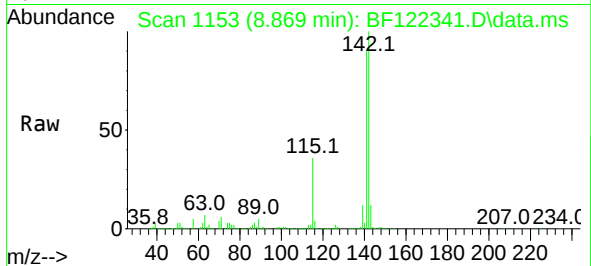




#37  
2-Methylnaphthalene  
Concen: 36.59 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. 0.001 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

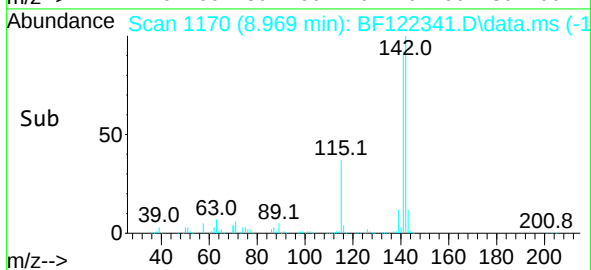
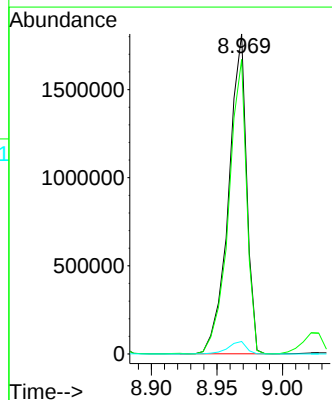
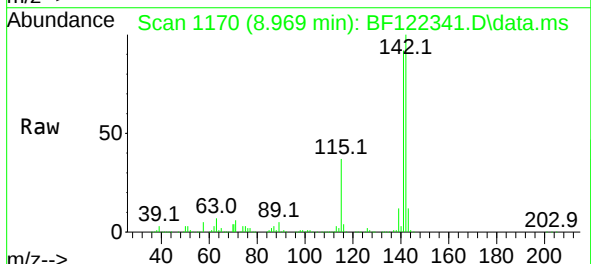
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

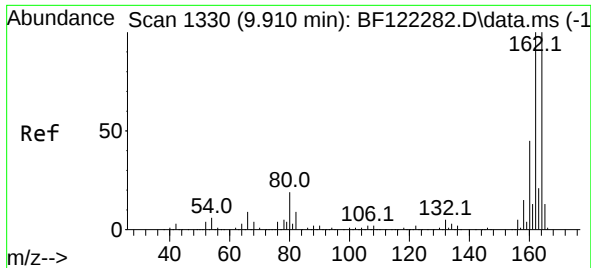
Tgt Ion:142 Resp: 1817789  
Ion Ratio Lower Upper  
142 100  
141 89.9 70.2 105.4  
115 35.7 28.6 43.0



#38  
1-Methylnaphthalene  
Concen: 37.32 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:142 Resp: 1735688  
Ion Ratio Lower Upper  
142 100  
141 92.0 74.5 111.7  
116 3.9 3.2 4.8

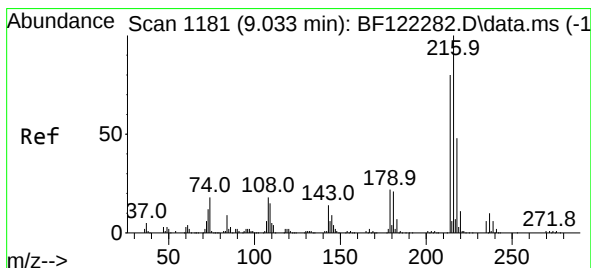
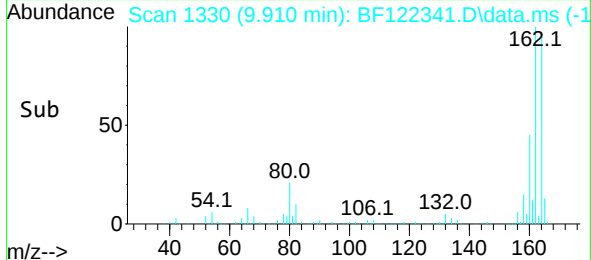
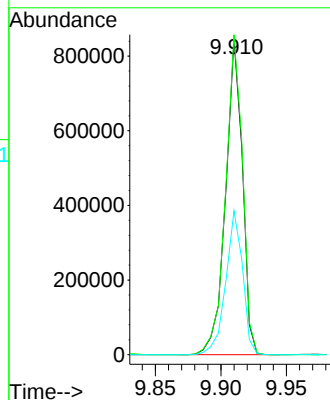
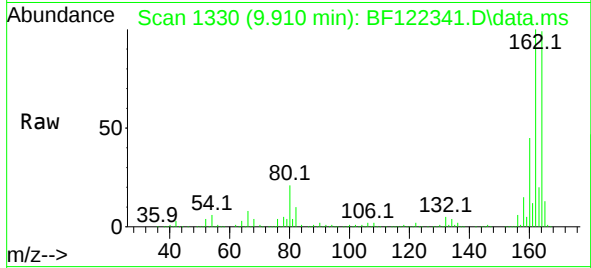




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

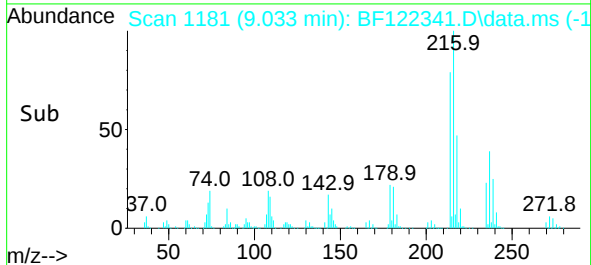
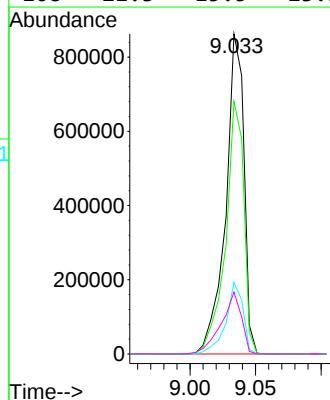
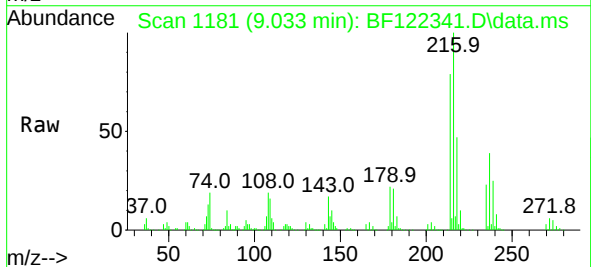
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

Tgt Ion:164 Resp: 753733  
Ion Ratio Lower Upper  
164 100  
162 101.3 83.2 124.8  
160 45.5 37.5 56.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 35.90 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:216 Resp: 833767  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.4 95.2  
179 21.1 17.0 25.6  
108 21.3 15.5 23.3

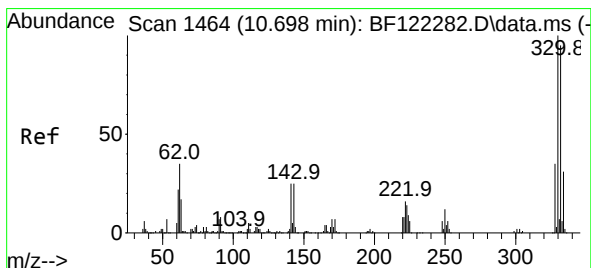
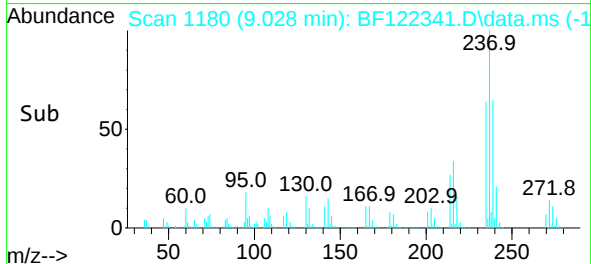
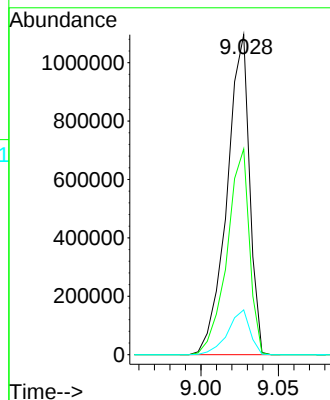
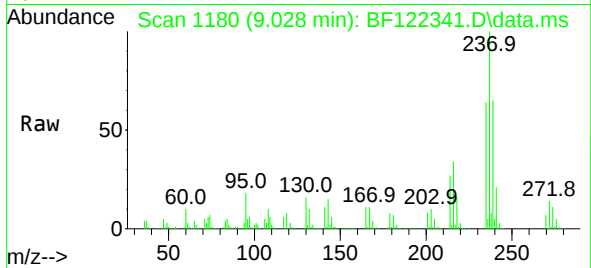




#41  
Hexachlorocyclopentadiene  
Concen: 81.56 ng  
RT: 9.028 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

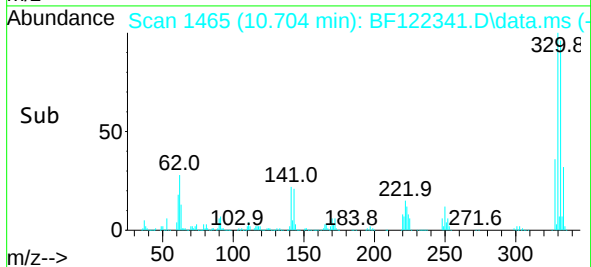
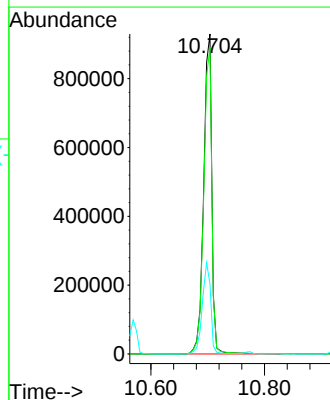
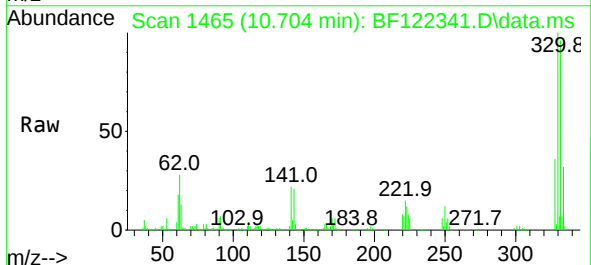
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

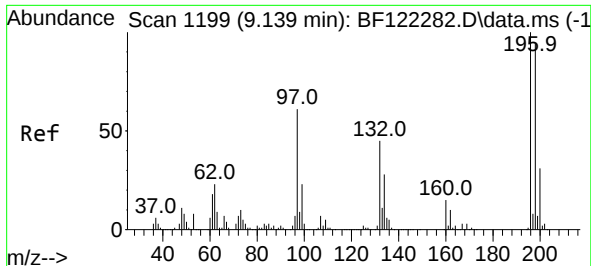
Tgt Ion:237 Resp: 1107608  
Ion Ratio Lower Upper  
237 100  
235 64.3 41.8 81.8  
272 14.0 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 114.30 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:330 Resp: 924627  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.3 115.9  
141 29.7 22.3 33.5

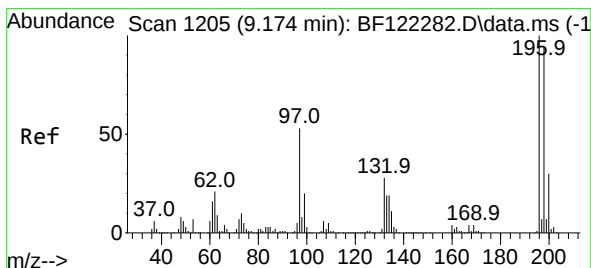
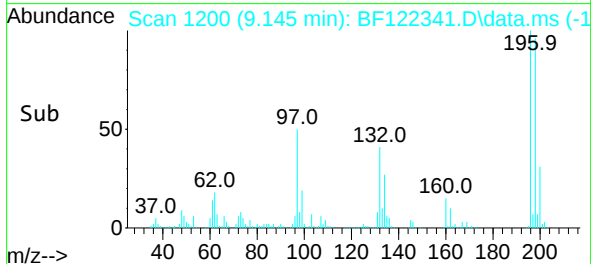
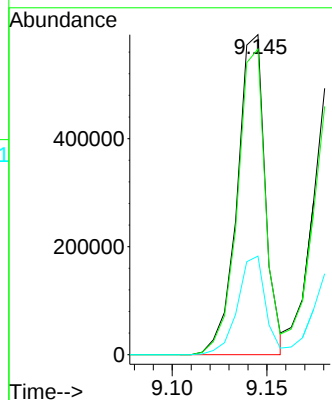
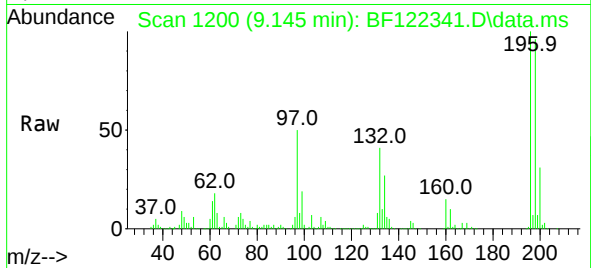




#43  
2,4,6-Trichlorophenol  
Concen: 40.37 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

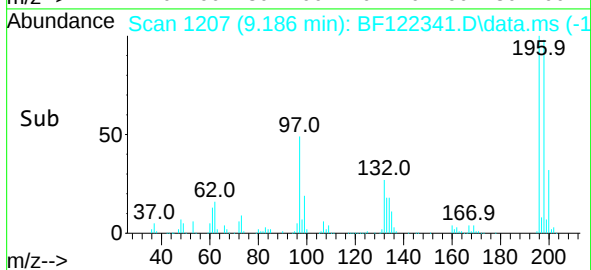
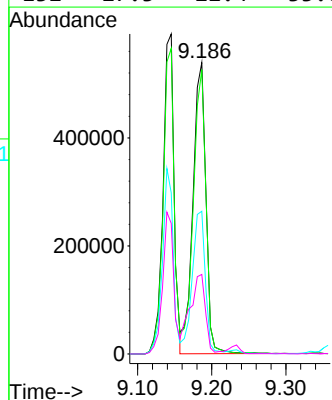
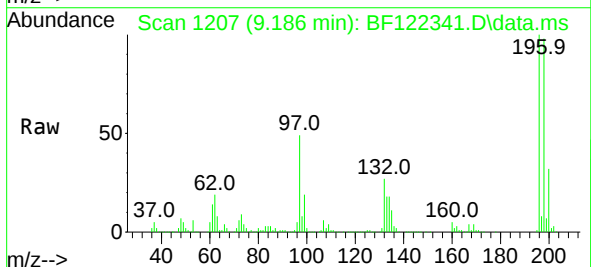
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

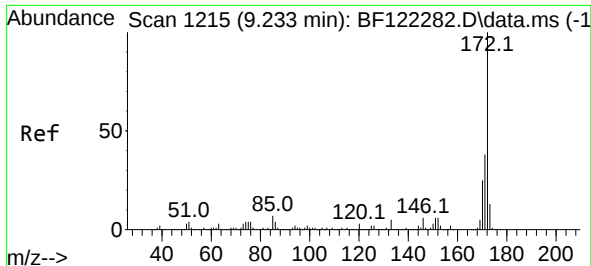
Tgt Ion:196 Resp: 608941  
Ion Ratio Lower Upper  
196 100  
198 95.5 75.8 113.6  
200 30.8 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 41.23 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. 0.012 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:196 Resp: 651975  
Ion Ratio Lower Upper  
196 100  
198 97.6 76.1 114.1  
97 49.0 41.0 61.6  
132 27.3 22.4 33.6

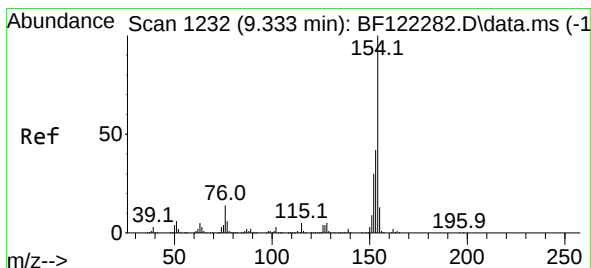
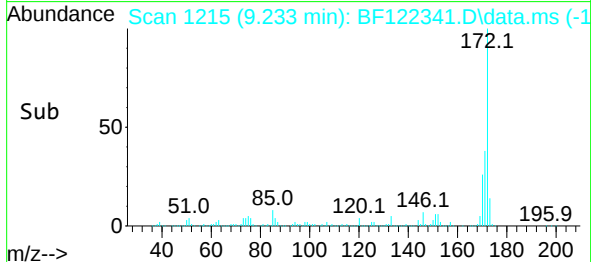
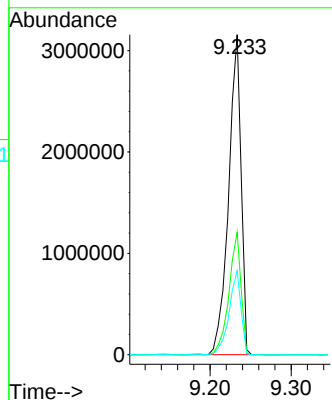
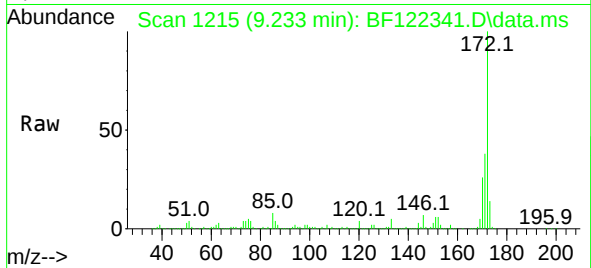




#45  
2-Fluorobiphenyl  
Concen: 69.89 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

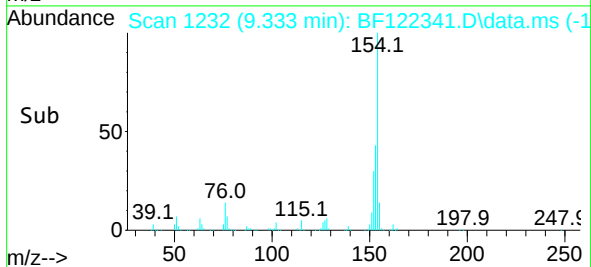
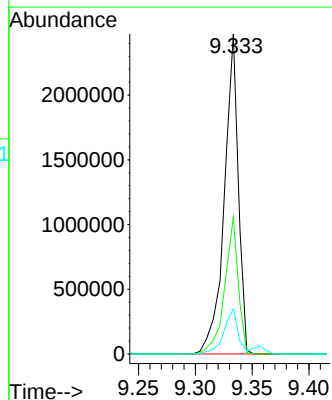
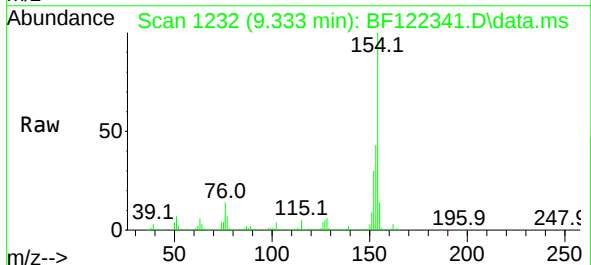
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

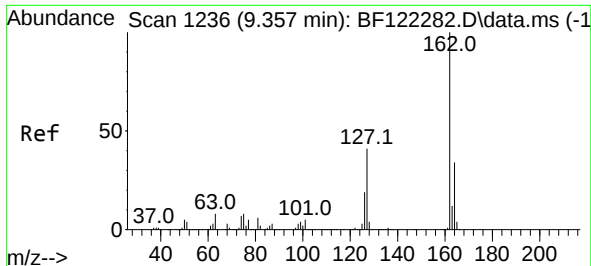
Tgt Ion:172 Resp: 3371444  
Ion Ratio Lower Upper  
172 100  
171 38.3 29.1 43.7  
170 26.3 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 35.49 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:154 Resp: 2129215  
Ion Ratio Lower Upper  
154 100  
153 42.7 21.3 61.3  
76 14.1 0.0 34.7

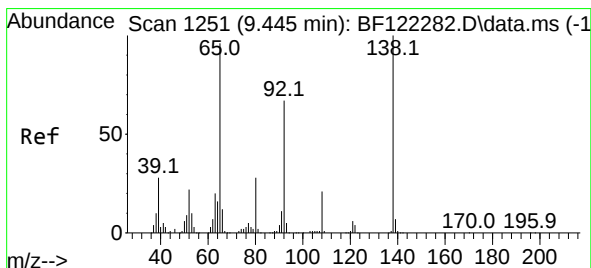
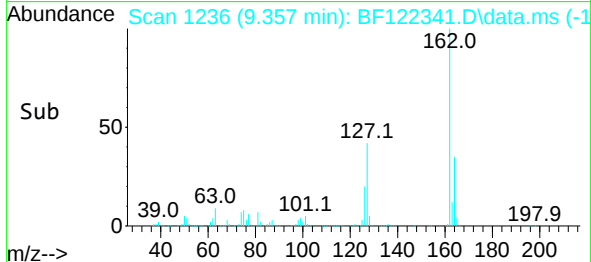
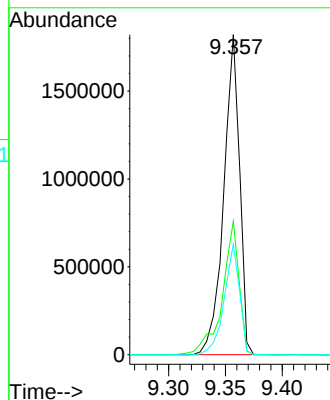
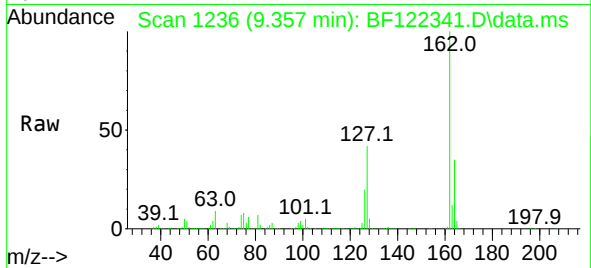




#47  
2-Chloronaphthalene  
Concen: 37.09 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

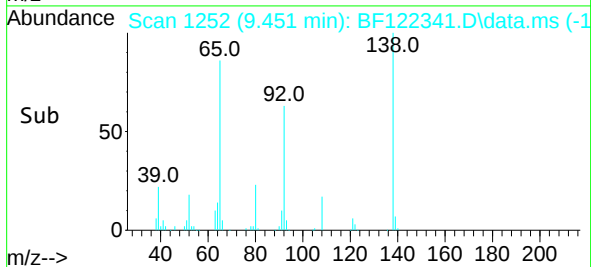
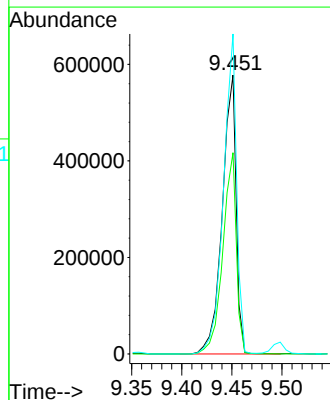
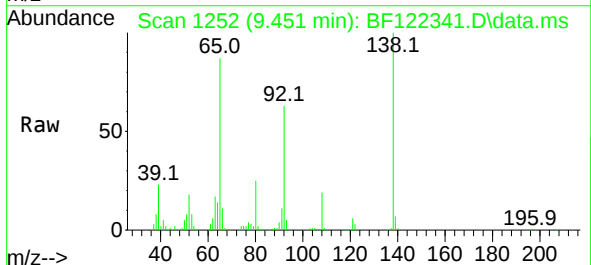
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

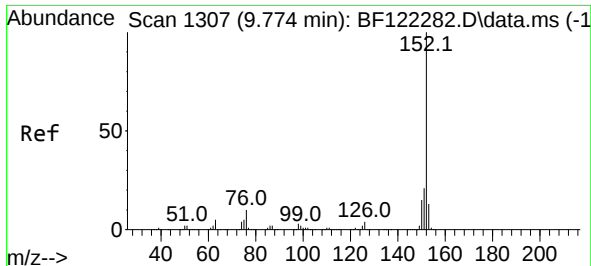
Tgt Ion:162 Resp: 1766148  
Ion Ratio Lower Upper  
162 100  
127 41.7 34.4 51.6  
164 34.6 26.3 39.5



#48  
2-Nitroaniline  
Concen: 39.99 ng  
RT: 9.451 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion: 65 Resp: 553645  
Ion Ratio Lower Upper  
65 100  
92 72.2 55.1 82.7  
138 114.7 80.5 120.7





#49

Acenaphthylene

Concen: 36.15 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

Tgt Ion:152 Resp: 2645829

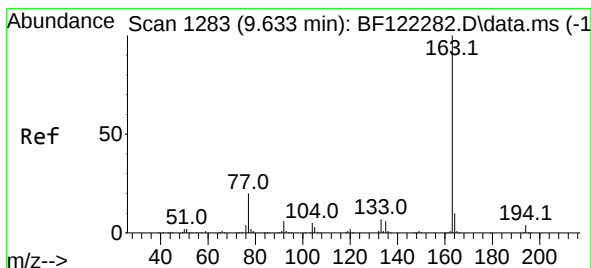
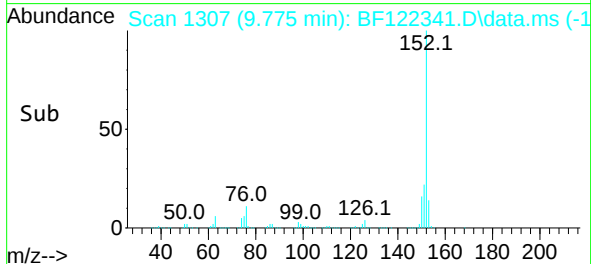
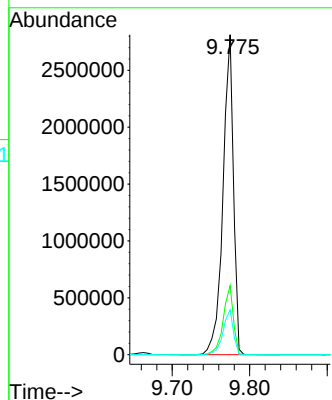
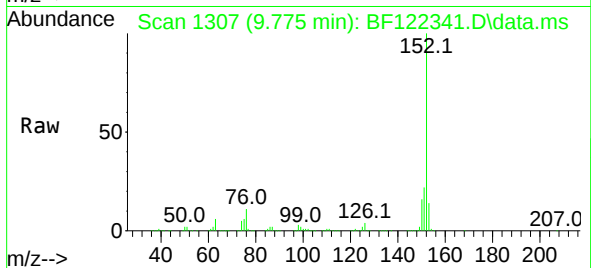
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.6  | 16.4  | 24.6  |
| 153 | 14.0  | 10.6  | 15.8  |

Instrument :

BNA\_F

ClientSampleId :

PB132985BS



#50

Dimethylphthalate

Concen: 38.04 ng

RT: 9.633 min Scan# 1283

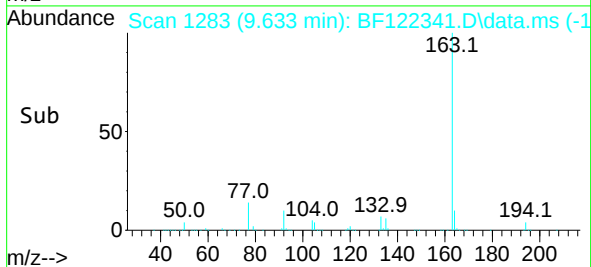
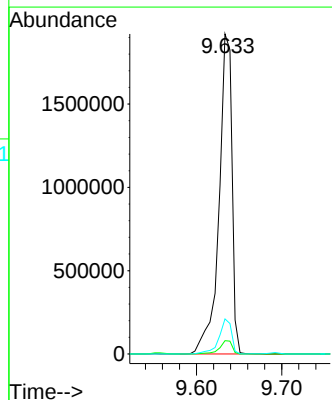
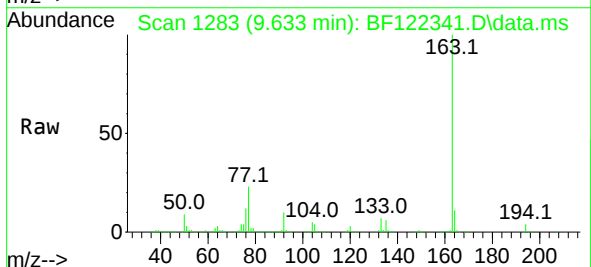
Delta R.T. 0.000 min

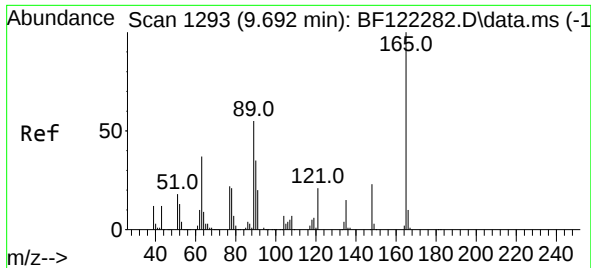
Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

Tgt Ion:163 Resp: 2038189

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.3   | 4.9   |
| 164 | 10.9  | 8.2   | 12.4  |

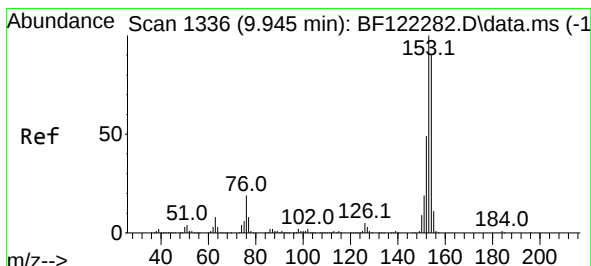
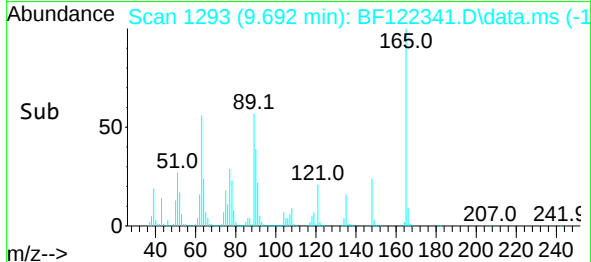
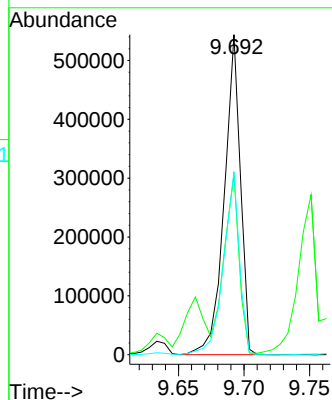
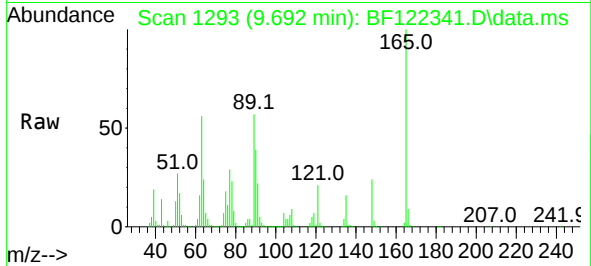




#51  
2,6-Dinitrotoluene  
Concen: 39.68 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

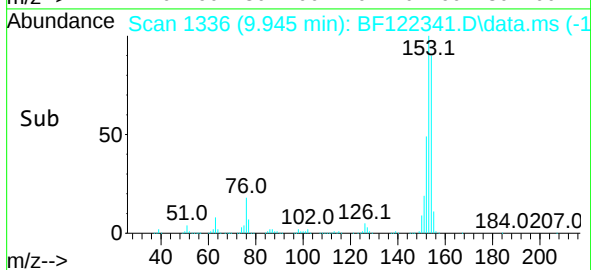
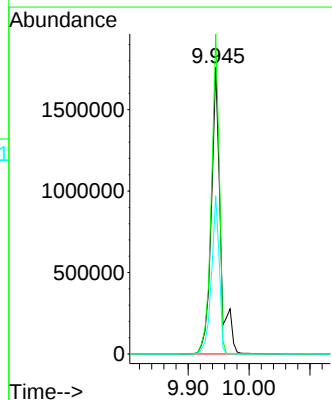
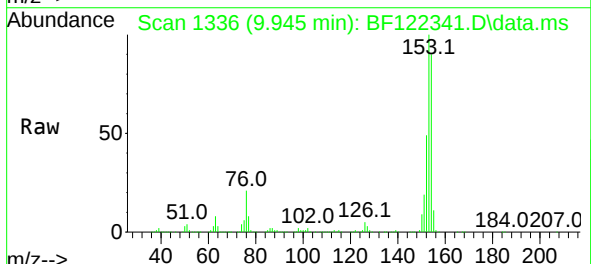
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

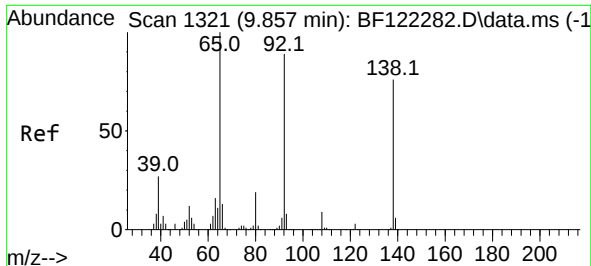
Tgt Ion:165 Resp: 464614  
Ion Ratio Lower Upper  
165 100  
63 56.2 51.8 77.6  
89 57.2 49.0 73.6



#52  
Acenaphthene  
Concen: 40.77 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:154 Resp: 1847075  
Ion Ratio Lower Upper  
154 100  
153 111.7 89.8 134.8  
152 55.2 43.2 64.8

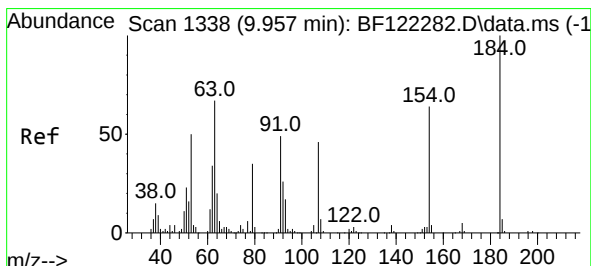
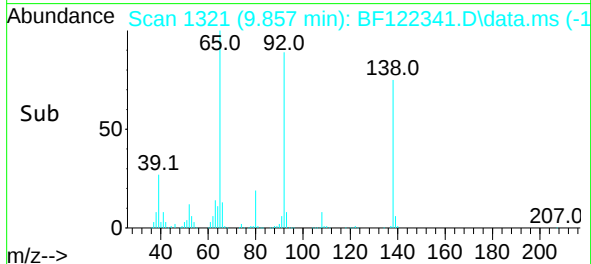
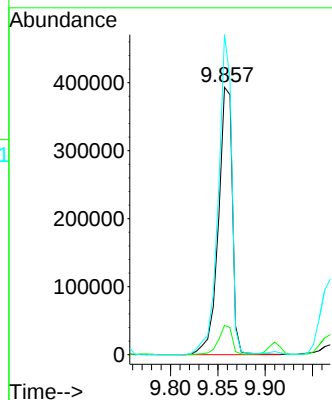
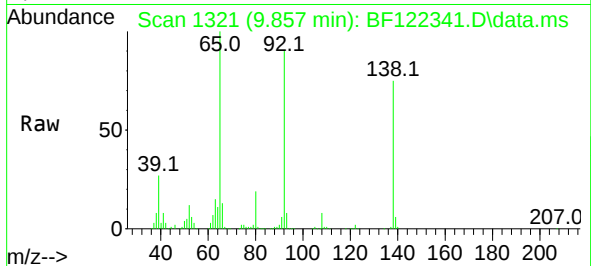




#53  
3-Nitroaniline  
Concen: 31.19 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

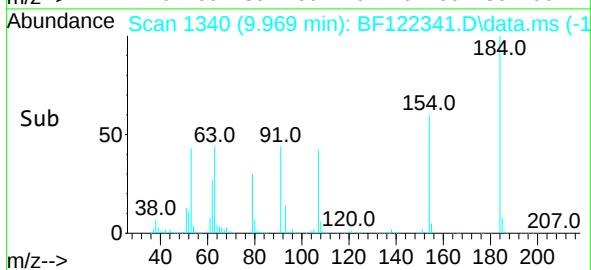
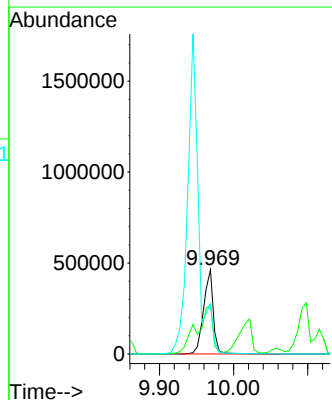
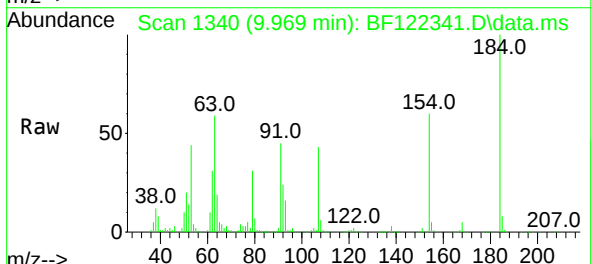
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

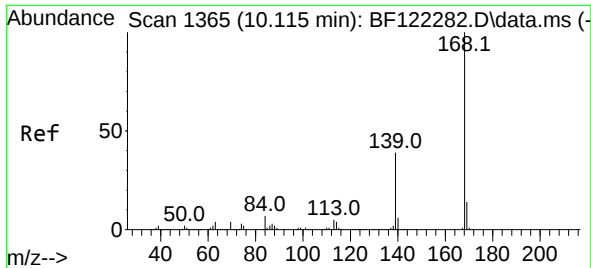
Tgt Ion:138 Resp: 405214  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.6 13.0  
92 119.7 96.6 144.8



#54  
2,4-Dinitrophenol  
Concen: 82.64 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.012 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:184 Resp: 422177  
Ion Ratio Lower Upper  
184 100  
63 59.1 45.9 68.9  
154 60.0 45.8 68.6

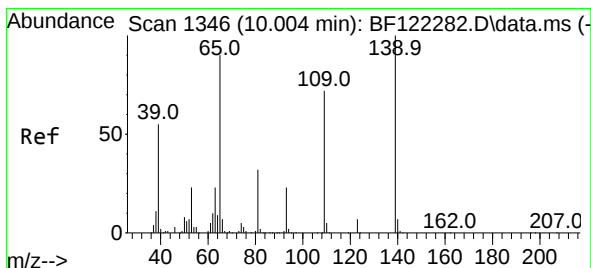
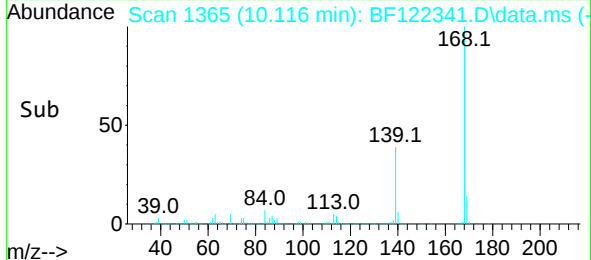
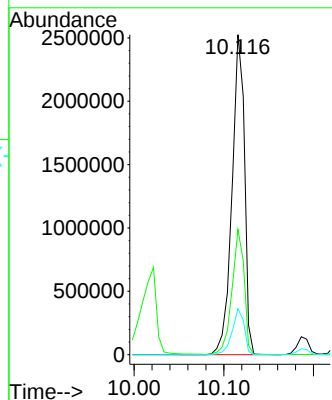
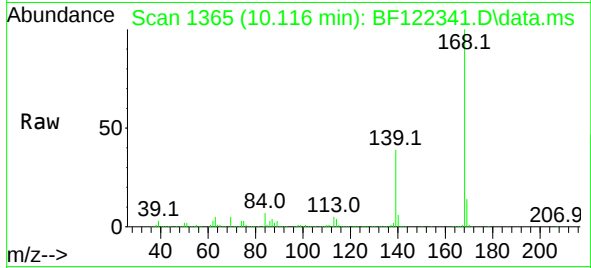




#55  
Dibenzenofuran  
Concen: 36.78 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.001 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

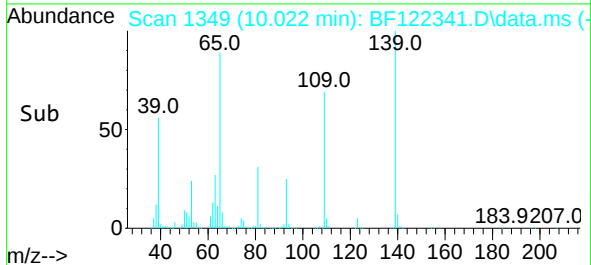
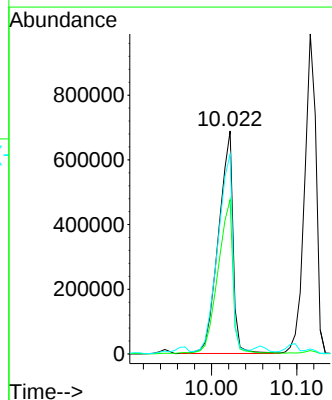
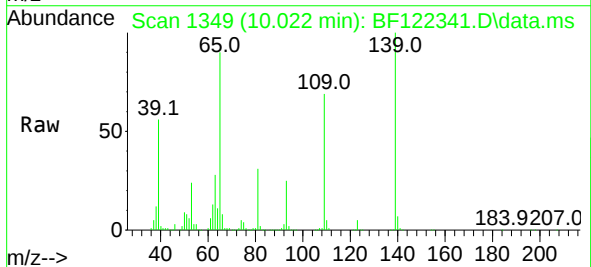
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

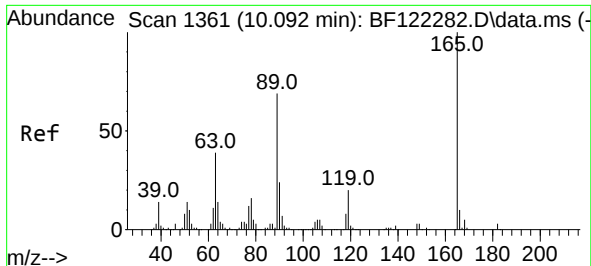
Tgt Ion:168 Resp: 2440896  
Ion Ratio Lower Upper  
168 100  
139 39.2 31.0 46.6  
169 14.4 11.3 16.9



#56  
4-Nitrophenol  
Concen: 70.28 ng  
RT: 10.022 min Scan# 1349  
Delta R.T. 0.018 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:139 Resp: 812987  
Ion Ratio Lower Upper  
139 100  
109 69.3 45.4 85.4  
65 89.6 68.4 108.4

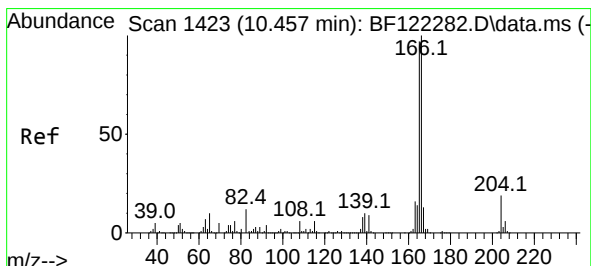
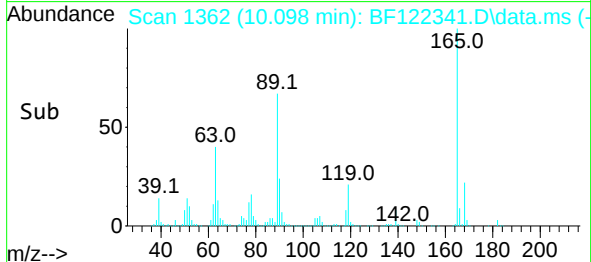
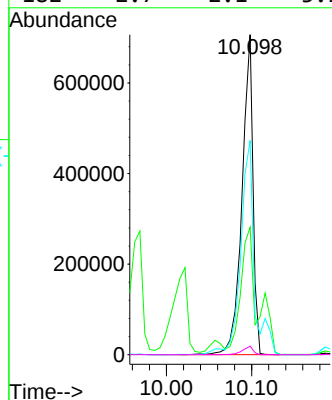
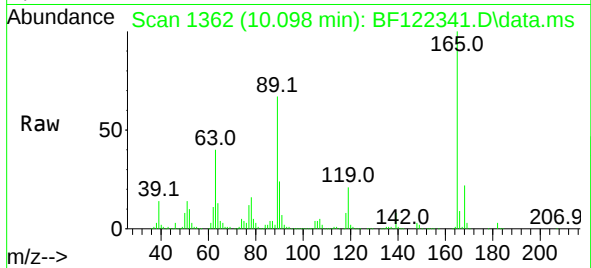




#57  
2,4-Dinitrotoluene  
Concen: 42.57 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

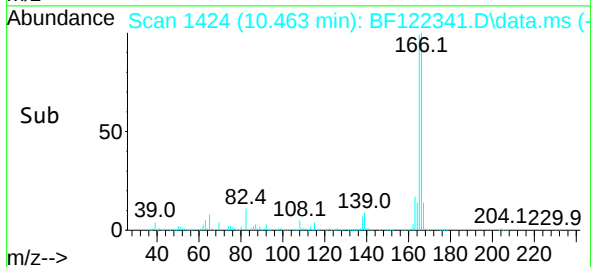
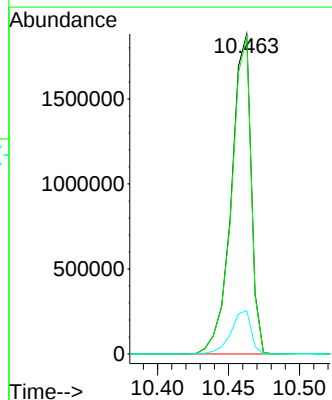
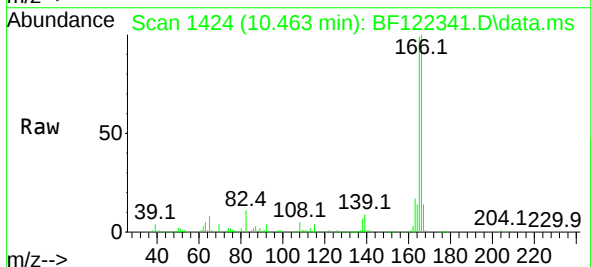
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

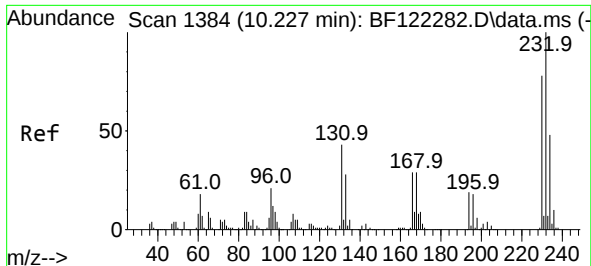
Tgt Ion:165 Resp: 630694  
Ion Ratio Lower Upper  
165 100  
63 39.9 41.3 61.9#  
89 67.0 61.8 92.8  
182 2.7 2.1 3.1



#58  
Fluorene  
Concen: 35.74 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:166 Resp: 1816354  
Ion Ratio Lower Upper  
166 100  
165 99.2 79.1 118.7  
167 13.5 11.0 16.6

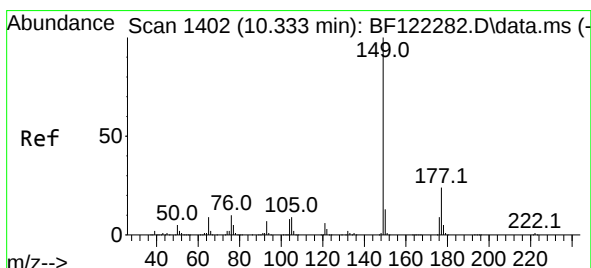
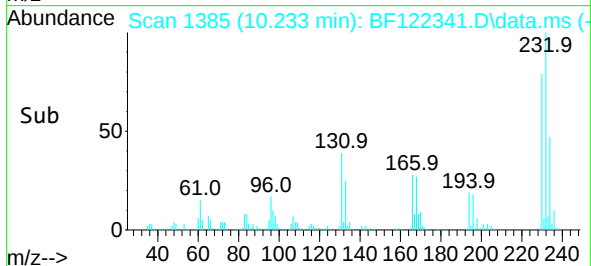
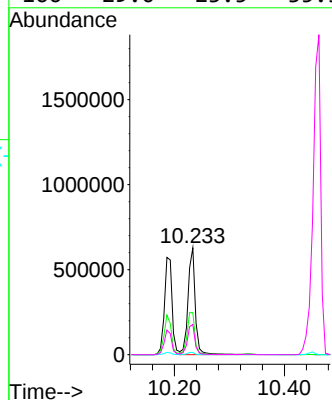
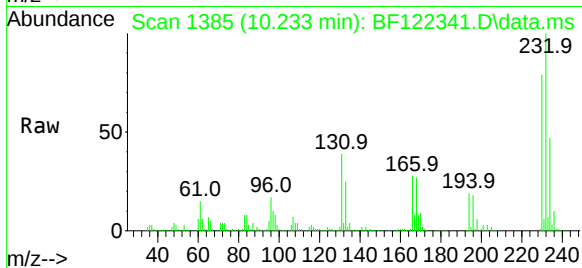




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.57 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

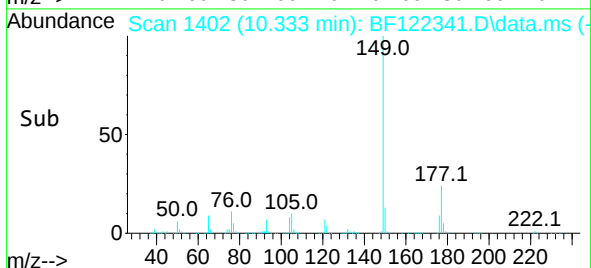
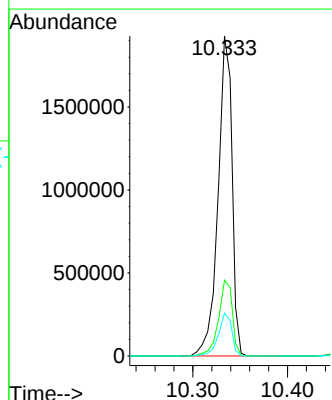
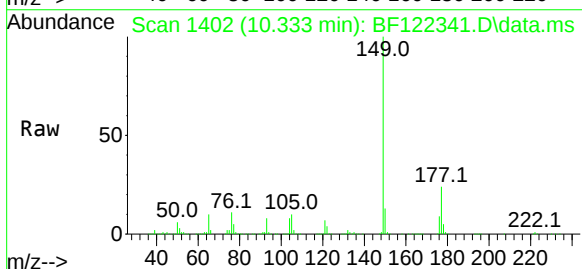
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

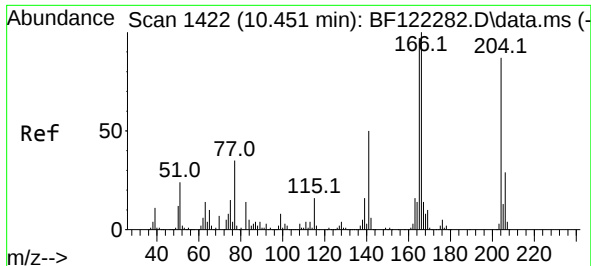
Tgt Ion:232 Resp: 572955  
Ion Ratio Lower Upper  
232 100  
131 42.5 35.9 53.9  
130 2.3 1.8 2.6  
166 29.0 23.5 35.3



#60  
Diethylphthalate  
Concen: 37.60 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:149 Resp: 1976345  
Ion Ratio Lower Upper  
149 100  
177 23.7 18.1 27.1  
150 13.4 10.3 15.5

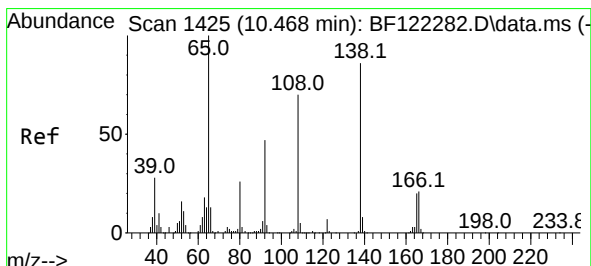
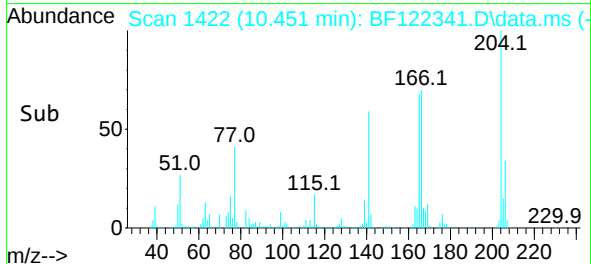
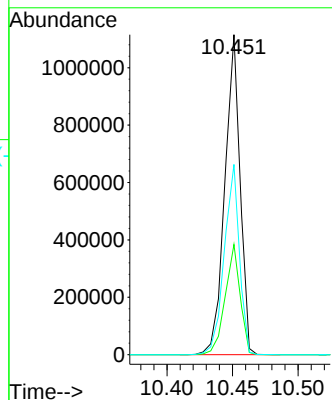
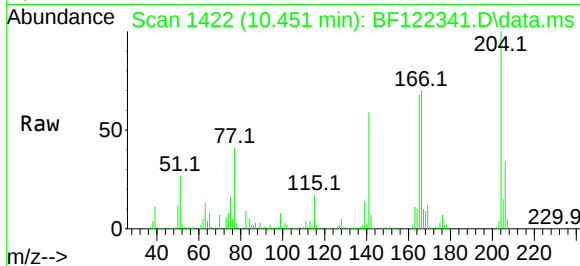




#61  
4-Chlorophenyl-phenylether  
Concen: 37.51 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

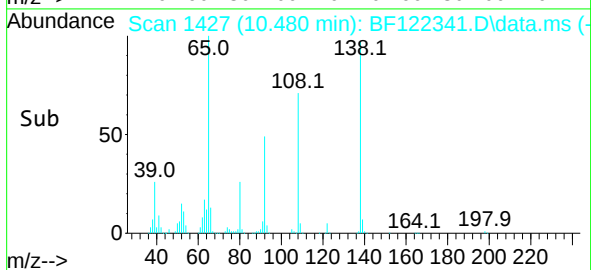
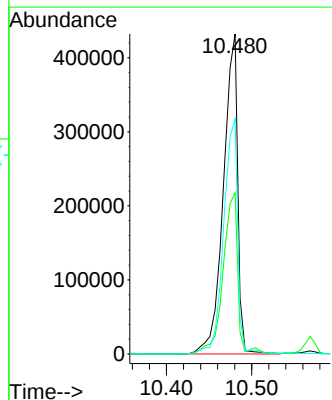
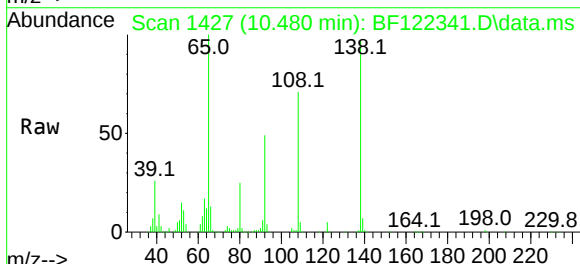
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

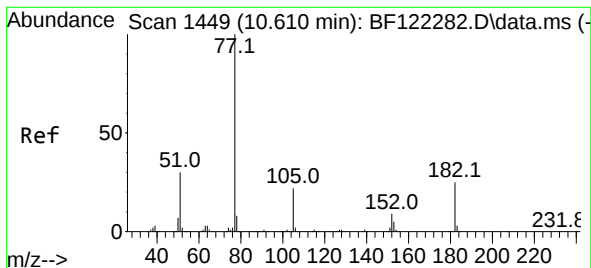
Tgt Ion:204 Resp: 899923  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.0 39.0  
141 59.4 46.2 69.4



#62  
4-Nitroaniline  
Concen: 38.70 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. 0.012 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:138 Resp: 504800  
Ion Ratio Lower Upper  
138 100  
92 50.4 31.0 71.0  
108 73.5 51.5 91.5



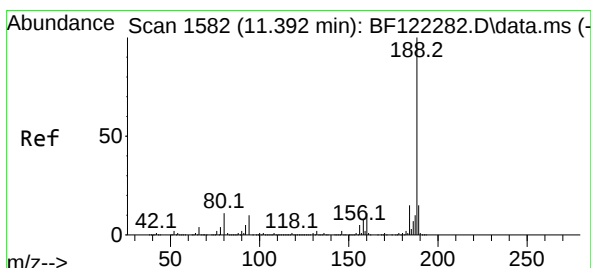
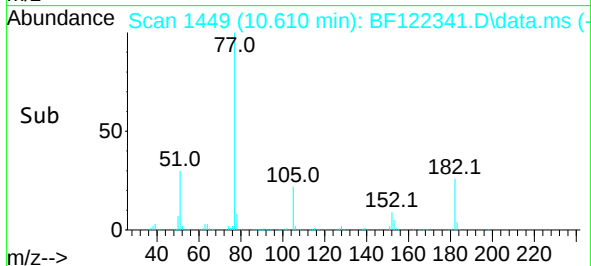
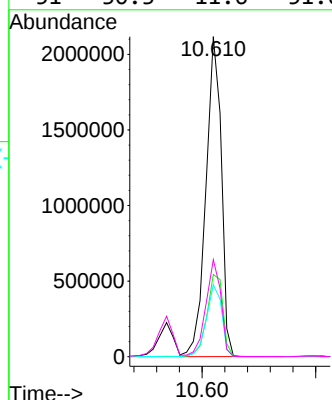
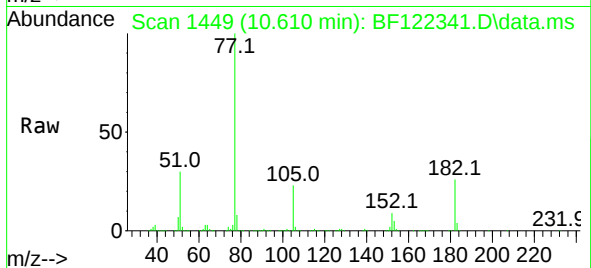


#63  
Azobenzene  
Concen: 36.00 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

Tgt Ion: 77 Resp: 1985227

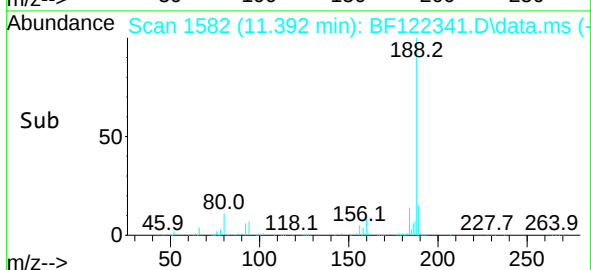
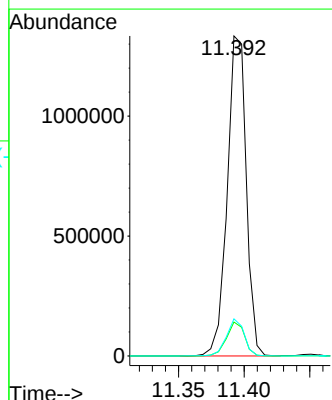
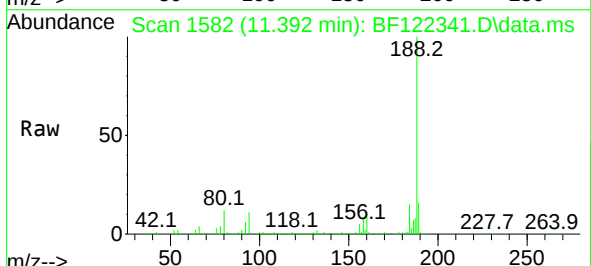
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.7  | 3.4   | 43.4  |
| 105 | 22.5  | 1.7   | 41.7  |
| 51  | 30.3  | 11.6  | 51.6  |

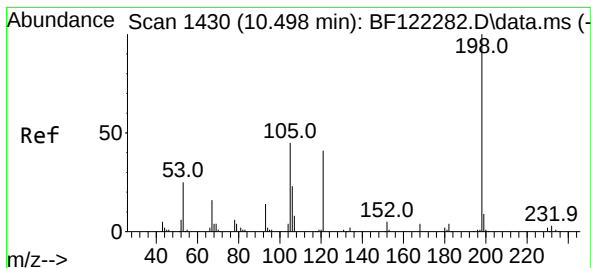


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion: 188 Resp: 1344704

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.6  | 8.3   | 12.5  |
| 80  | 11.6  | 9.1   | 13.7  |

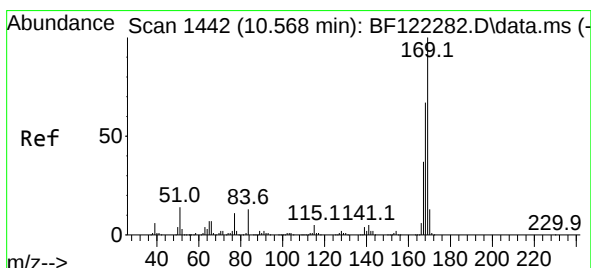
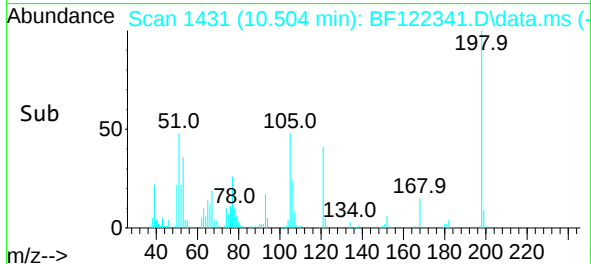
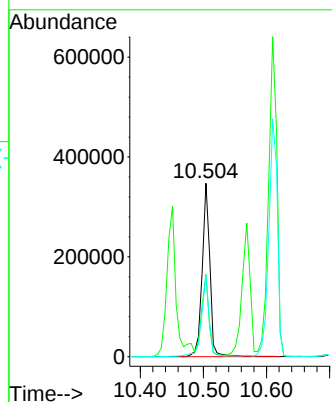
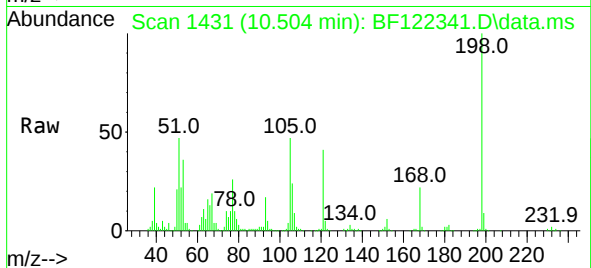




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.13 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

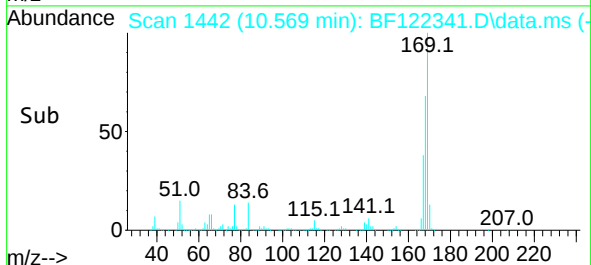
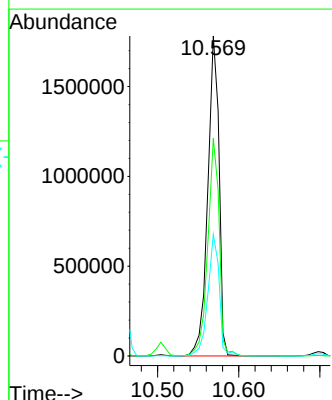
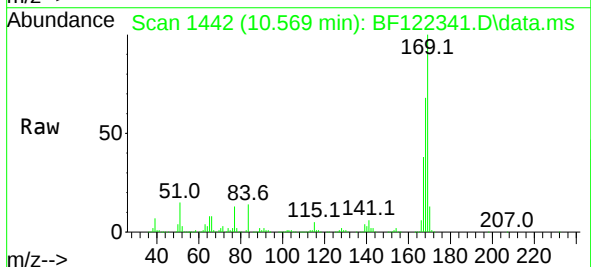
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

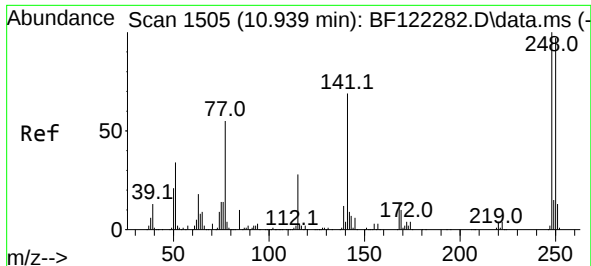
Tgt Ion:198 Resp: 294482  
Ion Ratio Lower Upper  
198 100  
51 47.4 29.6 69.6  
105 46.8 24.4 64.4



#66  
n-Nitrosodiphenylamine  
Concen: 37.29 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:169 Resp: 1708619  
Ion Ratio Lower Upper  
169 100  
168 68.0 50.0 75.0  
167 38.1 27.8 41.6

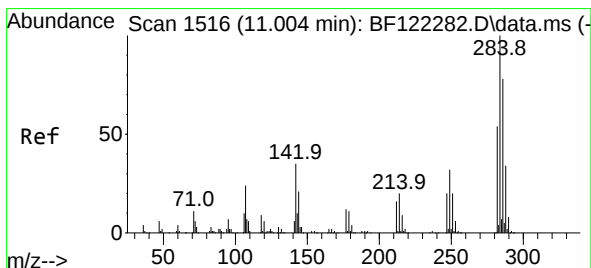
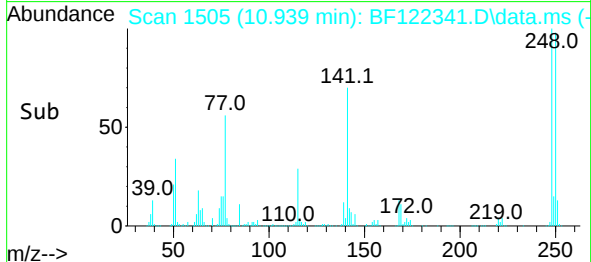
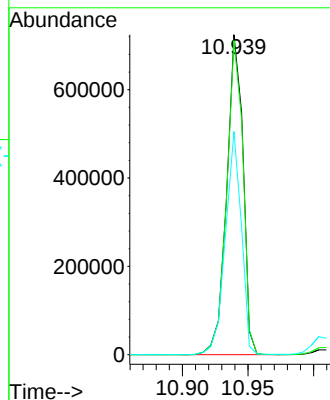
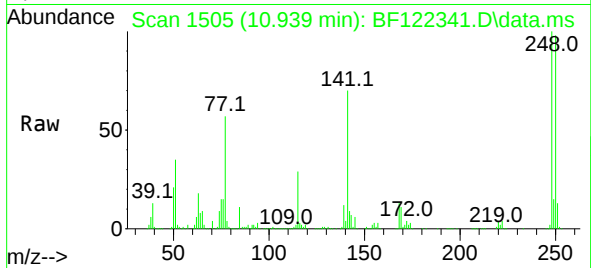




#67  
4-Bromophenyl-phenylether  
Concen: 39.58 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

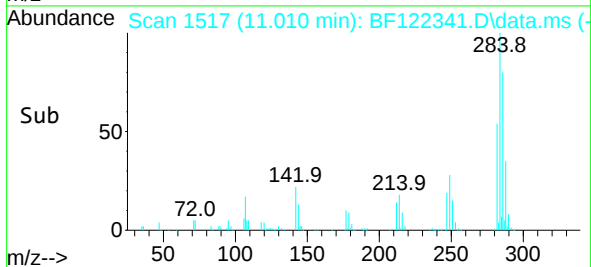
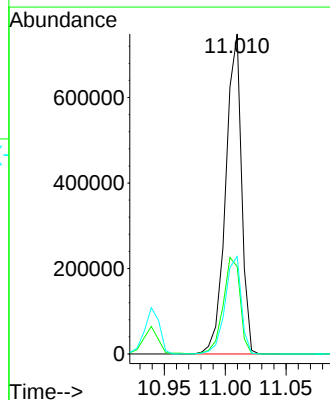
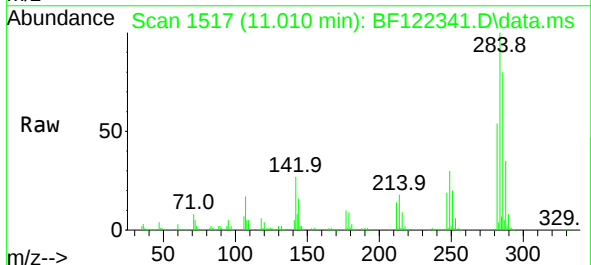
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

Tgt Ion:248 Resp: 625473  
Ion Ratio Lower Upper  
248 100  
250 98.2 77.0 115.6  
141 69.8 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 39.63 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:284 Resp: 676545  
Ion Ratio Lower Upper  
284 100  
142 27.4 27.4 41.2#  
249 30.4 24.2 36.4





#69

Atrazine

Concen: 45.13 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

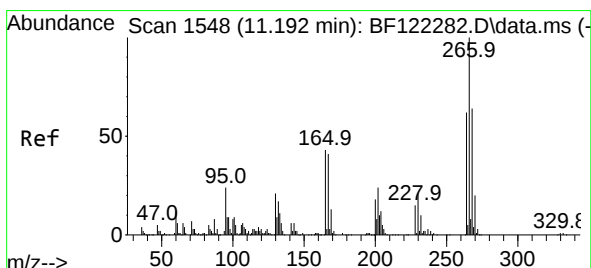
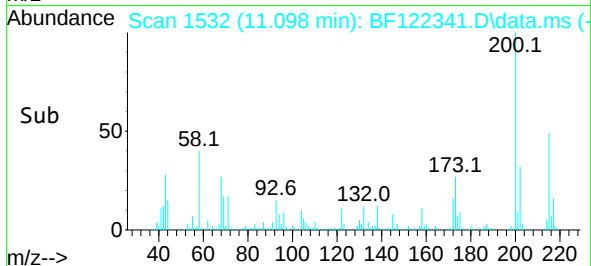
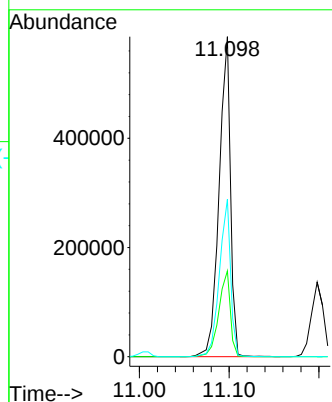
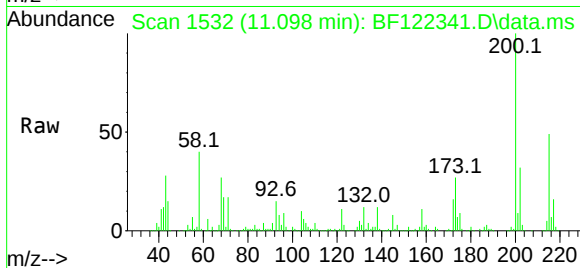
Tgt Ion:200 Resp: 514935

Ion Ratio Lower Upper

200 100

173 26.8 7.5 47.5

215 49.2 27.1 67.1



#70

Pentachlorophenol

Concen: 81.92 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

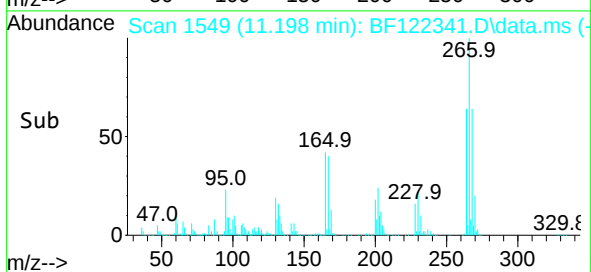
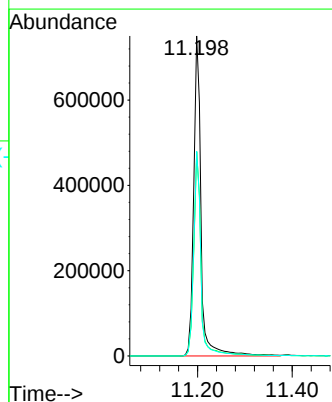
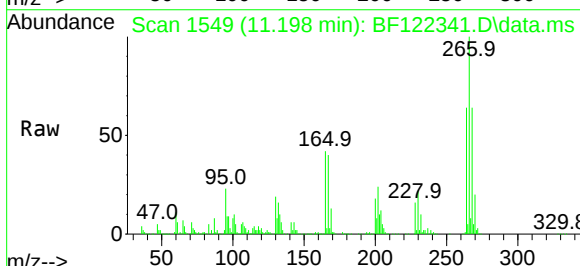
Tgt Ion:266 Resp: 805787

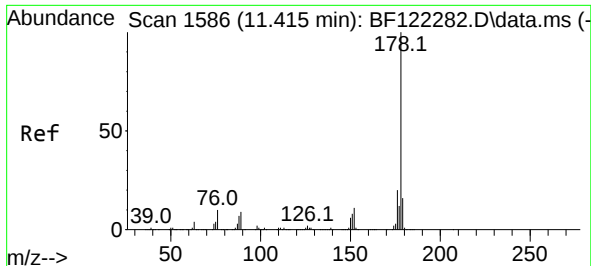
Ion Ratio Lower Upper

266 100

268 63.8 52.4 78.6

264 63.9 49.9 74.9

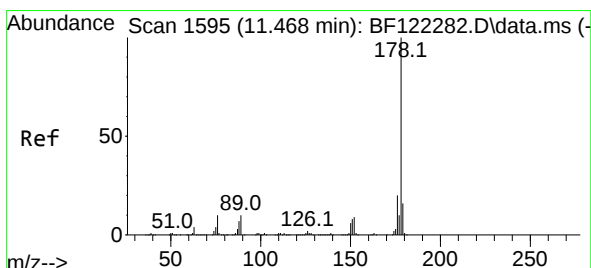
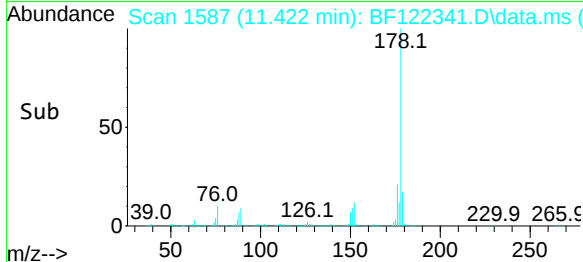
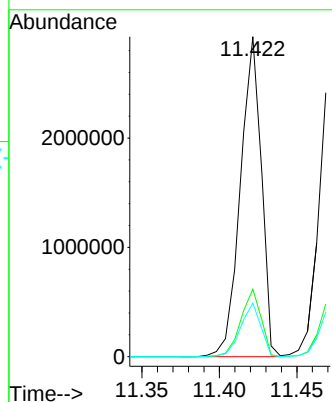
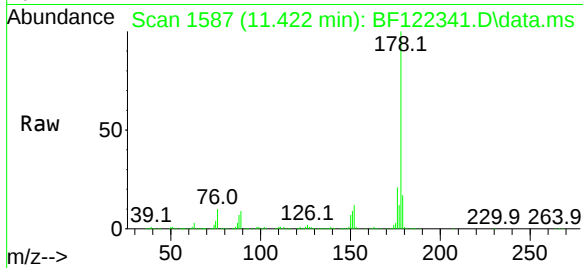




#71  
Phenanthrene  
Concen: 36.01 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

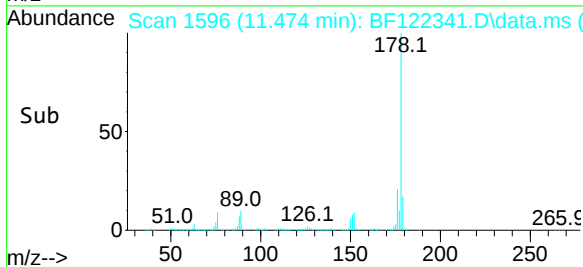
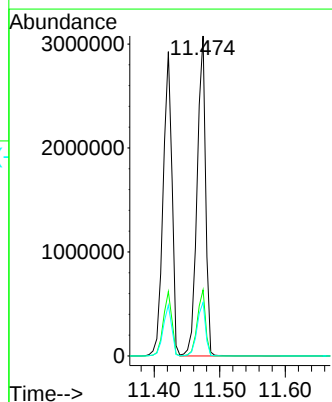
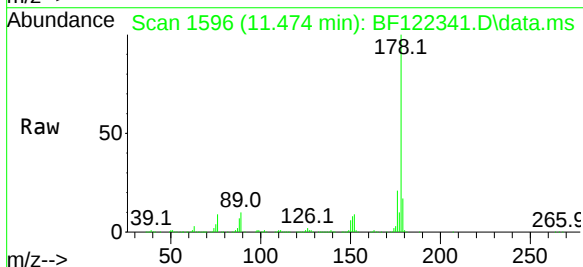
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

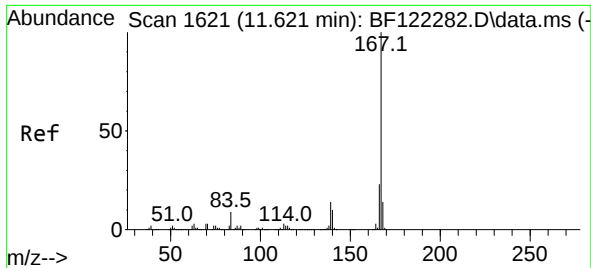
Tgt Ion:178 Resp: 2747692  
Ion Ratio Lower Upper  
178 100  
176 21.1 15.9 23.9  
179 16.7 12.2 18.4



#72  
Anthracene  
Concen: 35.29 ng  
RT: 11.474 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:178 Resp: 2774821  
Ion Ratio Lower Upper  
178 100  
176 20.6 15.7 23.5  
179 16.8 12.7 19.1

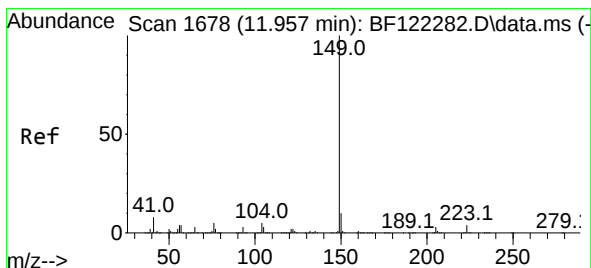
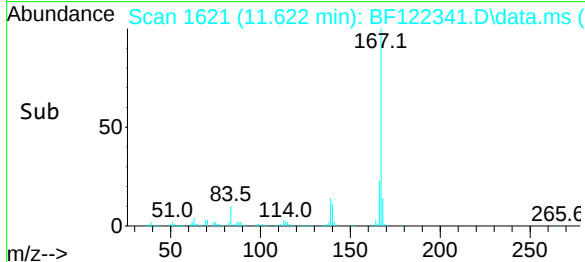
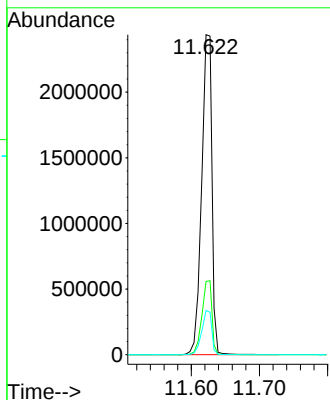
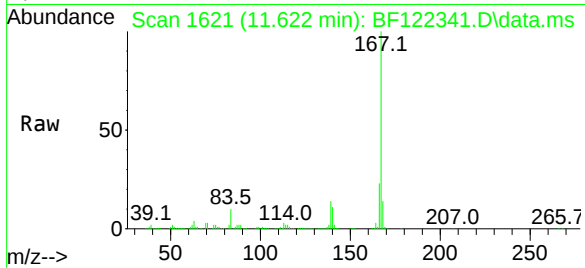




#73  
Carbazole  
Concen: 35.85 ng  
RT: 11.622 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

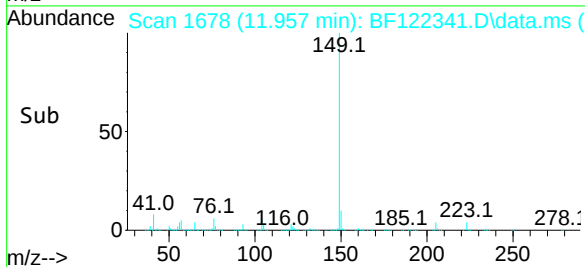
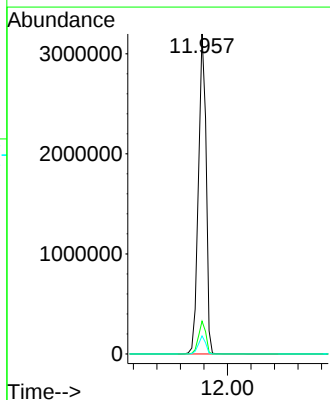
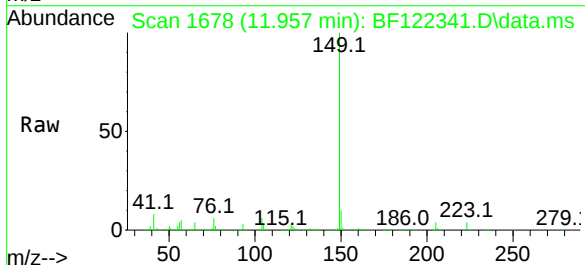
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

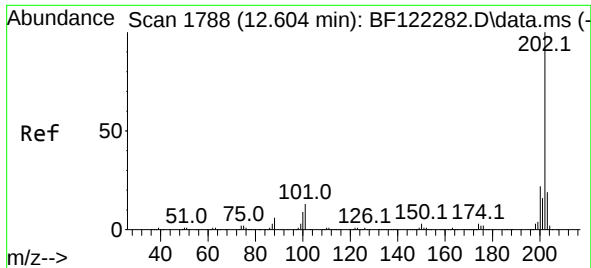
Tgt Ion:167 Resp: 2564533  
Ion Ratio Lower Upper  
167 100  
166 22.9 17.8 26.6  
139 13.8 10.8 16.2



#74  
Di-n-butylphthalate  
Concen: 37.79 ng  
RT: 11.957 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:149 Resp: 2881861  
Ion Ratio Lower Upper  
149 100  
150 10.2 7.7 11.5  
104 5.7 4.2 6.2

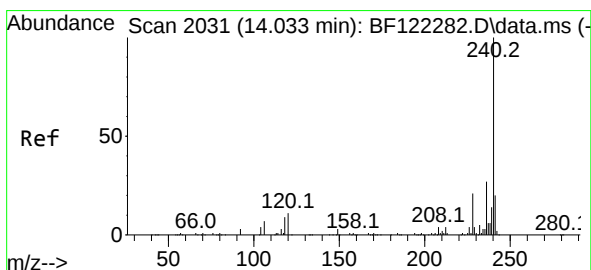
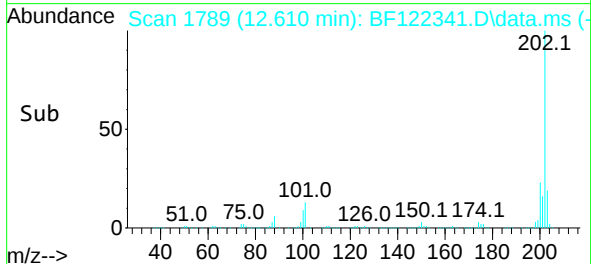
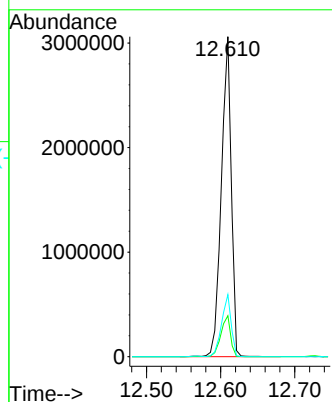
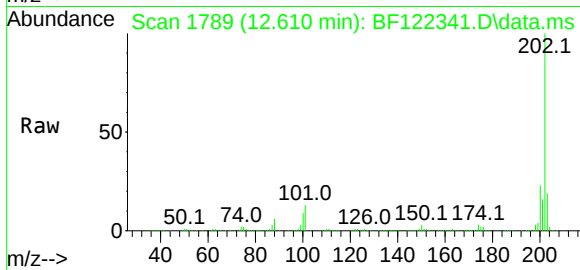




#75  
Fluoranthene  
Concen: 35.82 ng  
RT: 12.610 min Scan# 1789  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

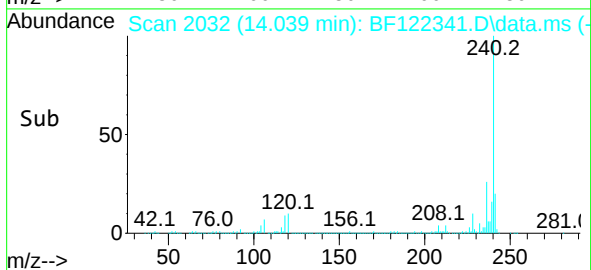
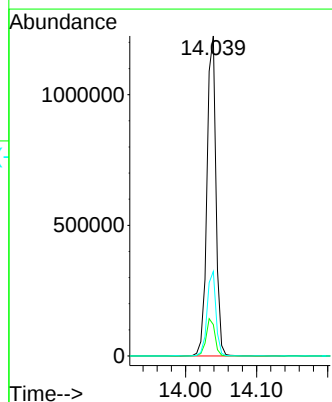
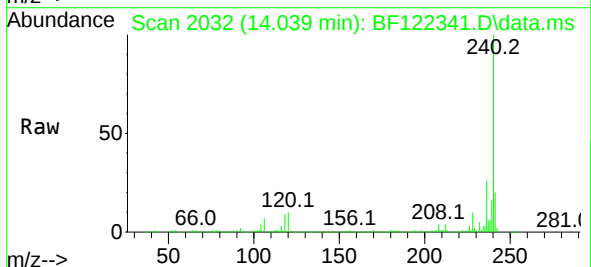
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

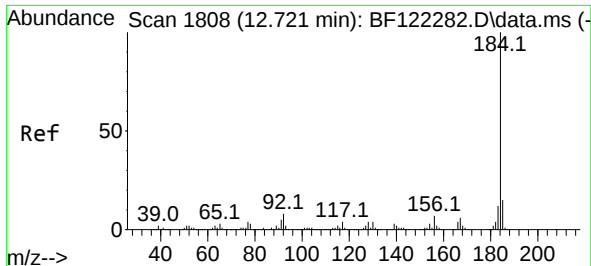
Tgt Ion:202 Resp: 2853151  
Ion Ratio Lower Upper  
202 100  
101 12.8 0.0 33.4  
203 19.4 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:240 Resp: 1080086  
Ion Ratio Lower Upper  
240 100  
120 9.8 9.2 13.8  
236 26.4 20.9 31.3

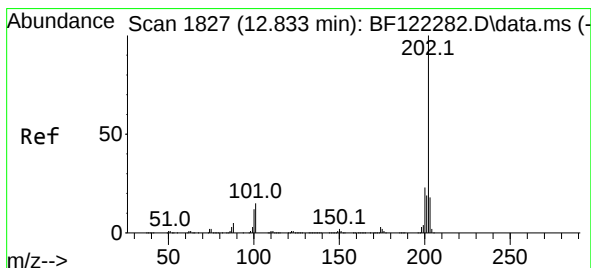
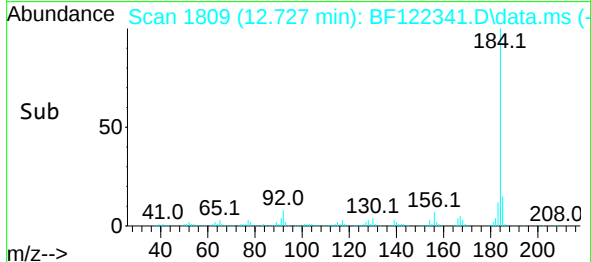
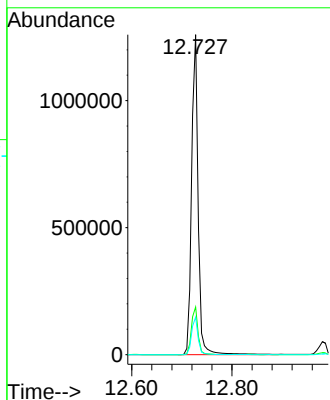
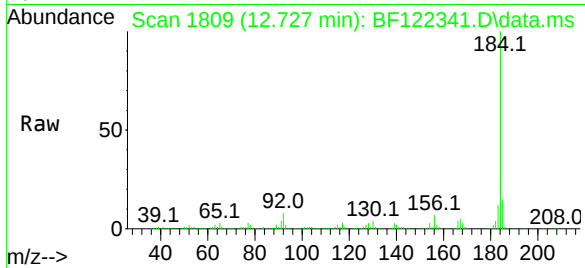




#77  
Benzidine  
Concen: 37.92 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

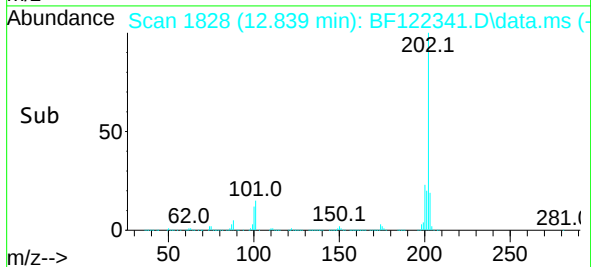
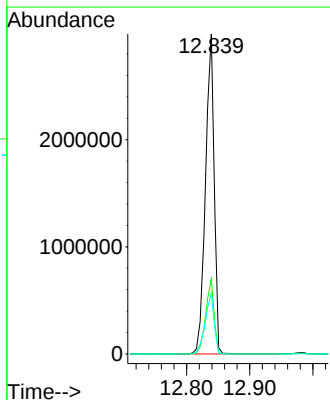
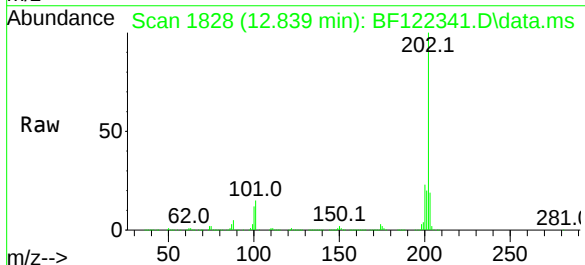
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

Tgt Ion:184 Resp: 1136013  
Ion Ratio Lower Upper  
184 100  
185 14.9 11.6 17.4  
183 11.7 9.4 14.0



#78  
Pyrene  
Concen: 37.81 ng  
RT: 12.839 min Scan# 1828  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:202 Resp: 2868801  
Ion Ratio Lower Upper  
202 100  
200 23.4 17.4 26.2  
203 18.9 14.6 21.8

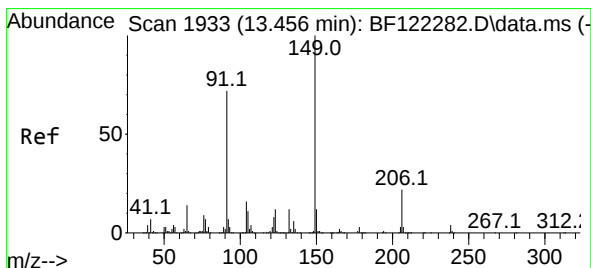
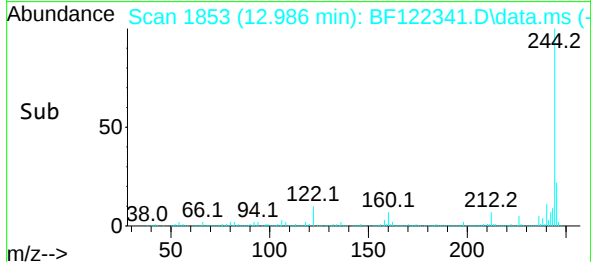
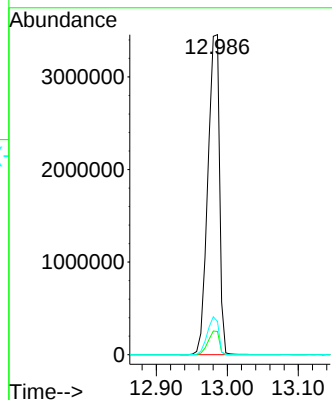
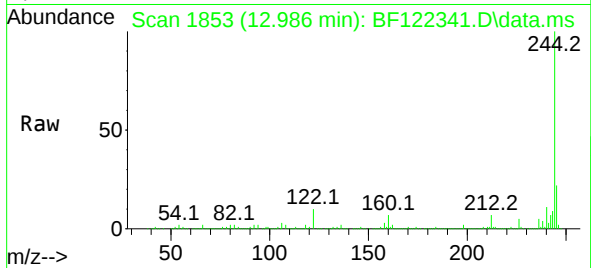




#79  
 Terphenyl-d14  
 Concen: 77.40 ng  
 RT: 12.986 min Scan# 1853  
 Delta R.T. 0.006 min  
 Lab File: BF122341.D  
 Acq: 17 Nov 2020 12:32

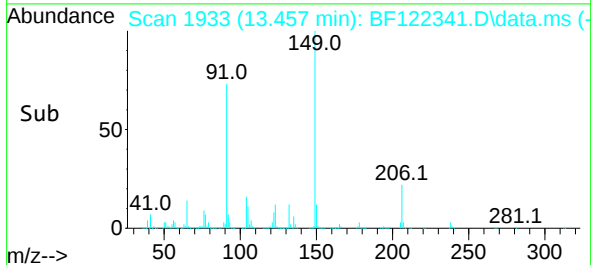
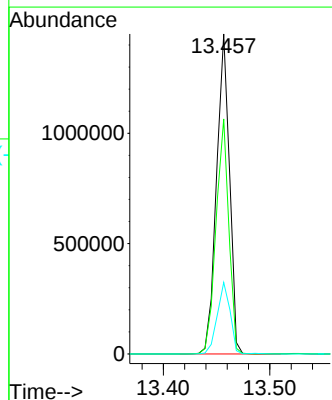
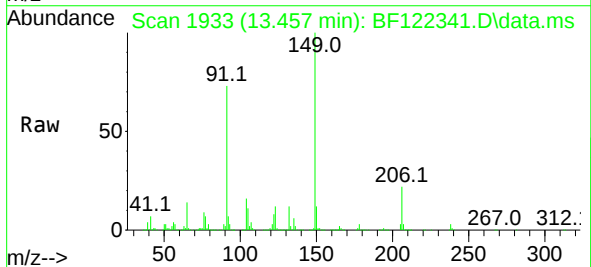
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132985BS

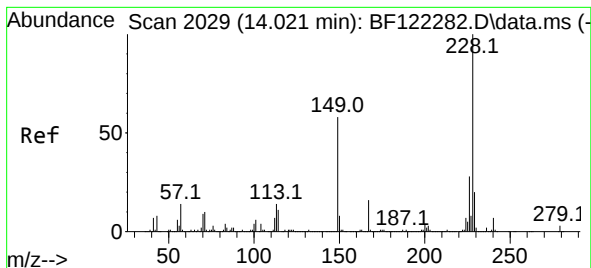
Tgt Ion:244 Resp: 3946195  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.4 8.2  
 122 10.4 8.1 12.1



#80  
 Butylbenzylphthalate  
 Concen: 40.86 ng  
 RT: 13.457 min Scan# 1933  
 Delta R.T. 0.001 min  
 Lab File: BF122341.D  
 Acq: 17 Nov 2020 12:32

Tgt Ion:149 Resp: 1227504  
 Ion Ratio Lower Upper  
 149 100  
 91 73.4 61.0 91.4  
 206 22.4 16.7 25.1

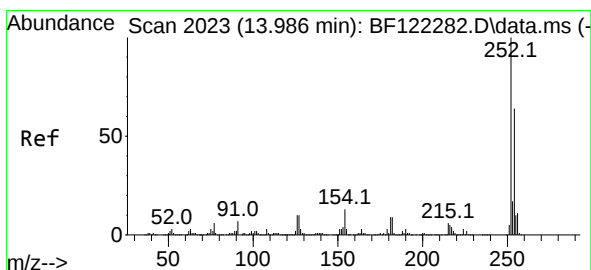
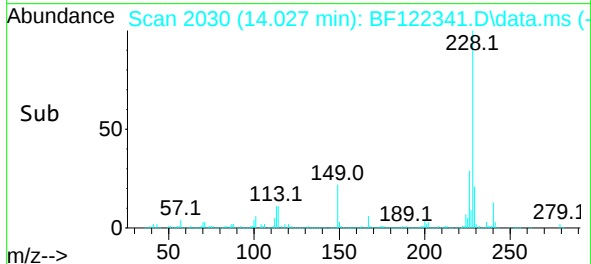
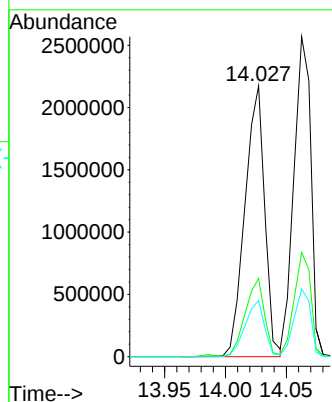
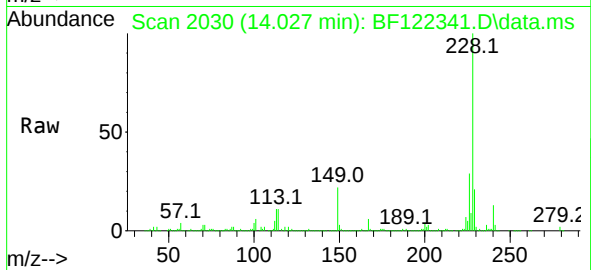




#81  
Benzo(a)anthracene  
Concen: 36.59 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

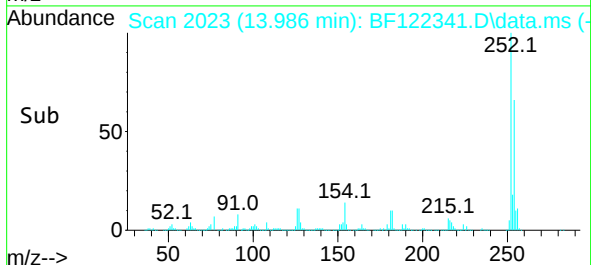
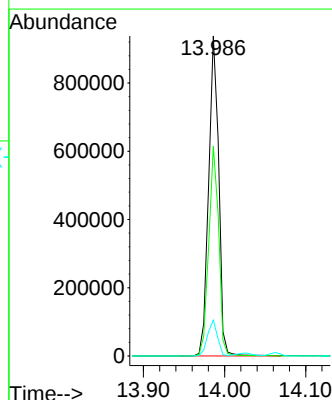
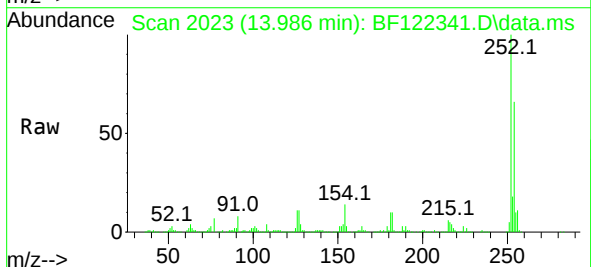
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

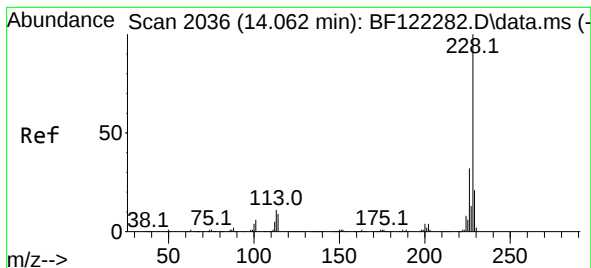
Tgt Ion:228 Resp: 2457952  
Ion Ratio Lower Upper  
228 100  
226 28.9 22.3 33.5  
229 20.7 16.2 24.4



#82  
3,3'-Dichlorobenzidine  
Concen: 32.13 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:252 Resp: 804204  
Ion Ratio Lower Upper  
252 100  
254 65.5 51.8 77.6  
126 11.2 8.8 13.2





#83

Chrysene

Concen: 36.82 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

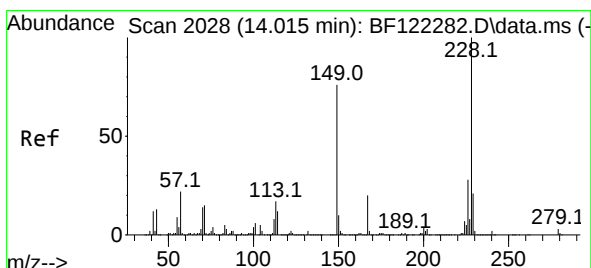
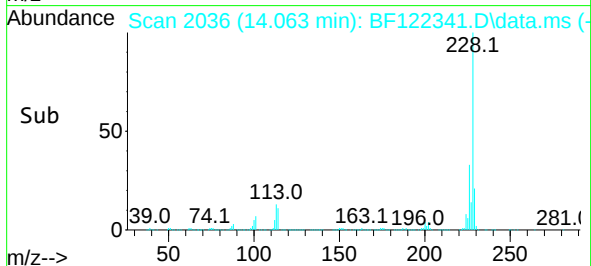
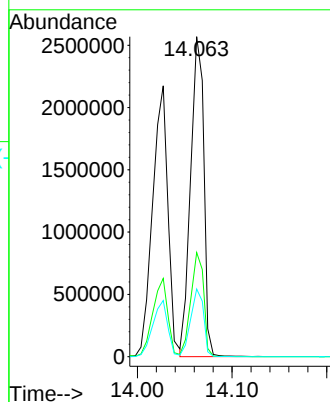
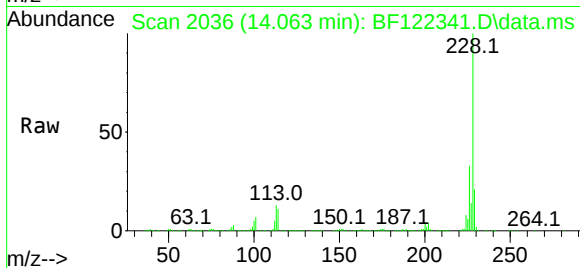
Tgt Ion:228 Resp: 2491074

Ion Ratio Lower Upper

228 100

226 32.6 24.6 37.0

229 21.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.08 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

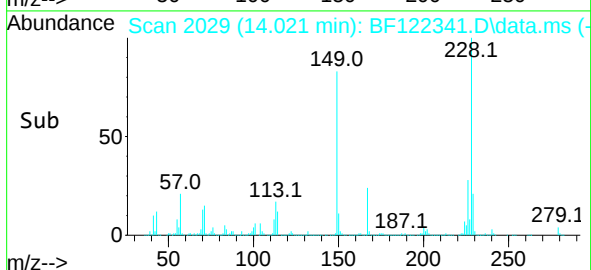
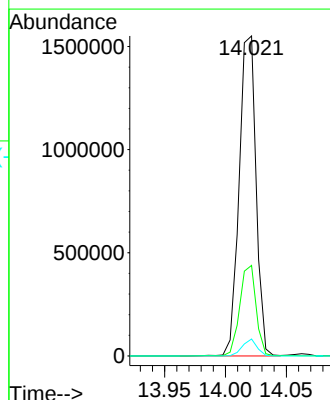
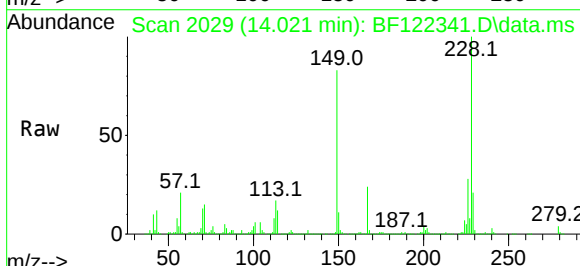
Tgt Ion:149 Resp: 1503103

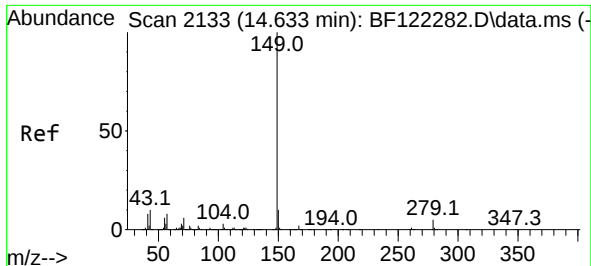
Ion Ratio Lower Upper

149 100

167 28.3 20.9 31.3

279 5.3 3.2 4.8#

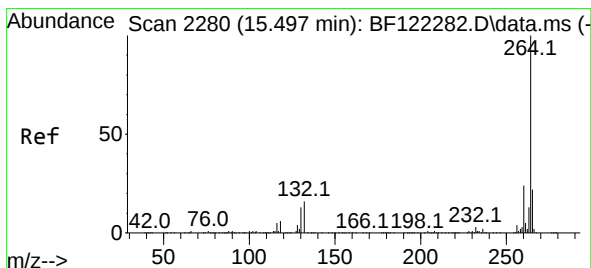
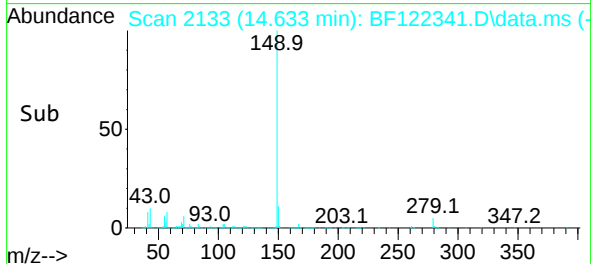
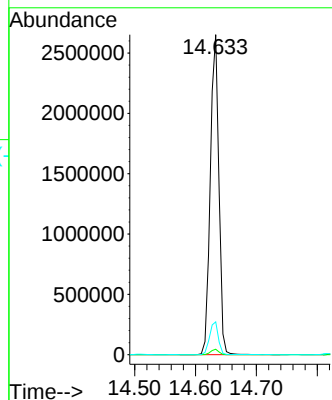
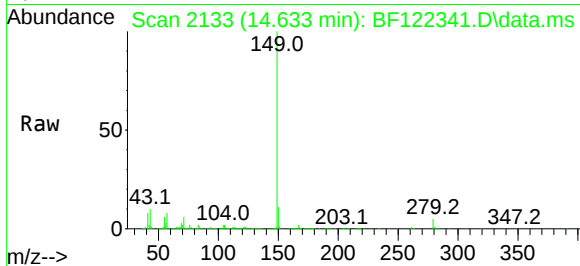




#85  
Di-n-octyl phthalate  
Concen: 41.84 ng  
RT: 14.633 min Scan# 2133  
Delta R.T. 0.000 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

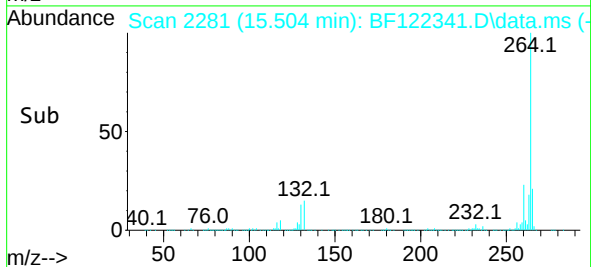
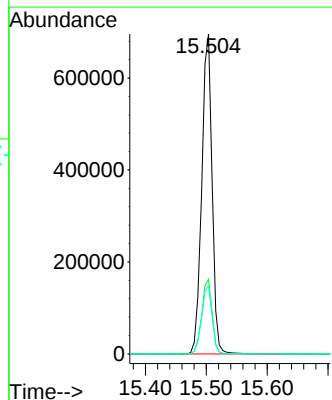
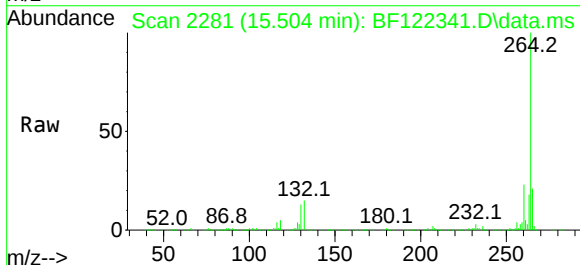
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

Tgt Ion:149 Resp: 2594406  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.5 9.0 13.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.504 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:264 Resp: 822021  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.7 28.1  
265 21.3 17.3 25.9

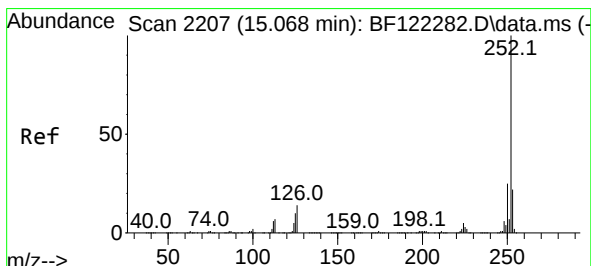
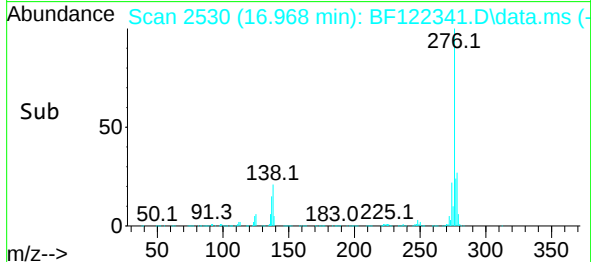
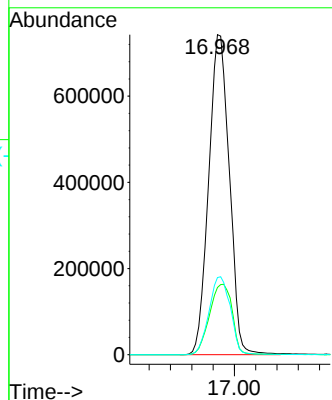
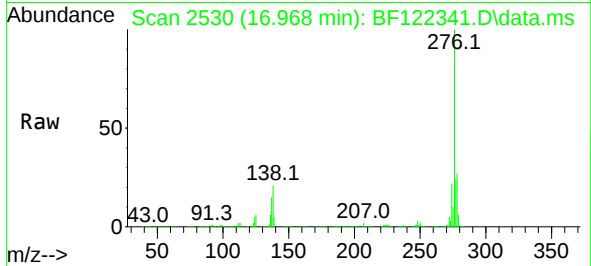




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.51 ng  
RT: 16.968 min Scan# 2530  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

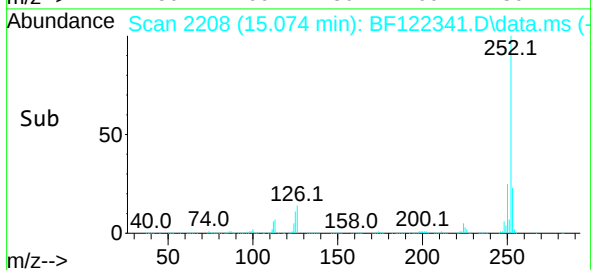
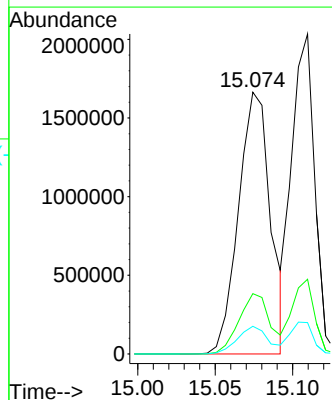
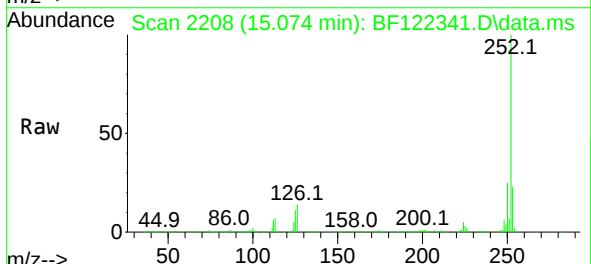
Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS

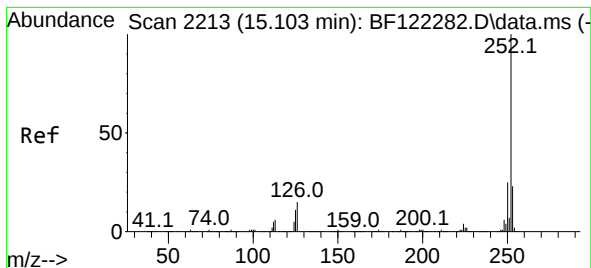
Tgt Ion:276 Resp: 1998107  
Ion Ratio Lower Upper  
276 100  
138 24.2 19.9 29.9  
277 25.3 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 44.99 ng  
RT: 15.074 min Scan# 2208  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:252 Resp: 2395039  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.2 27.2  
125 10.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 40.78 ng

RT: 15.110 min Scan# 2214

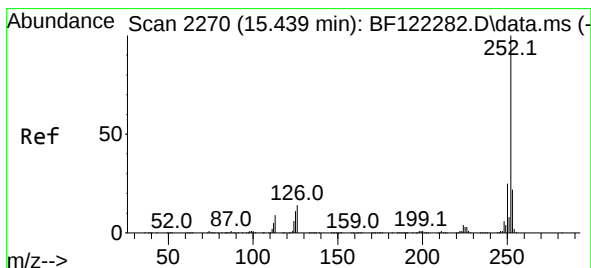
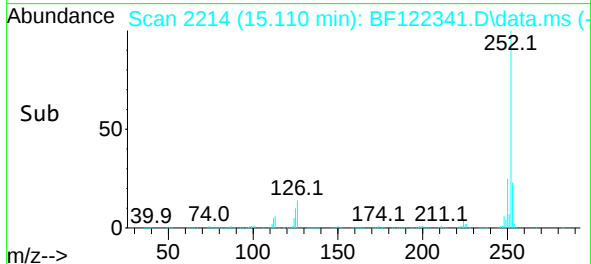
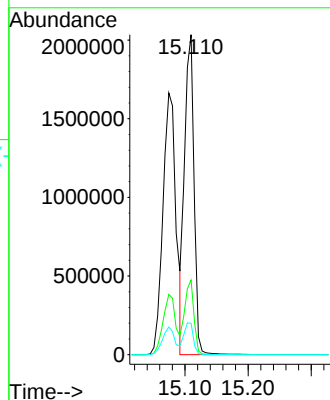
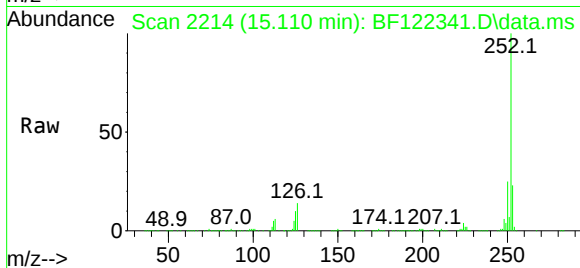
Delta R.T. 0.006 min

Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

Tgt Ion:252 Resp: 2116926

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 17.8  | 26.6  |
| 125 | 9.8   | 7.7   | 11.5  |



#90

Benzo(a)pyrene

Concen: 42.14 ng

RT: 15.445 min Scan# 2271

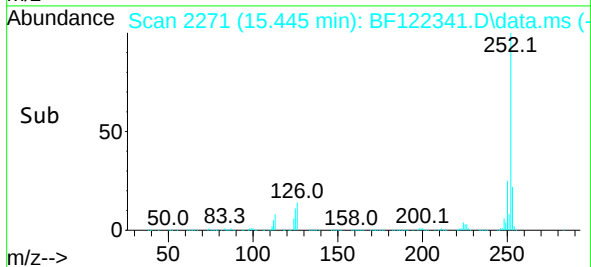
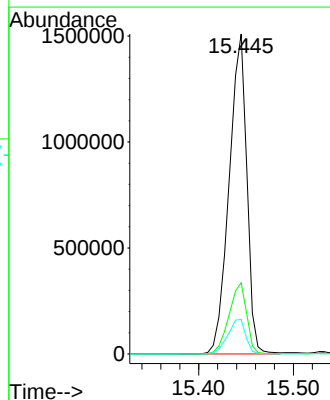
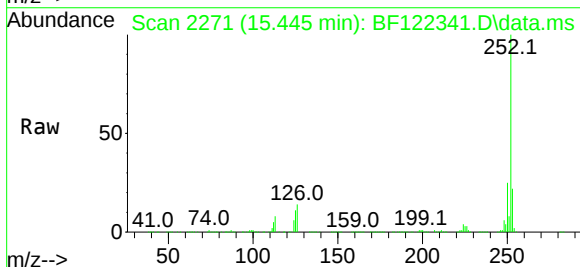
Delta R.T. 0.006 min

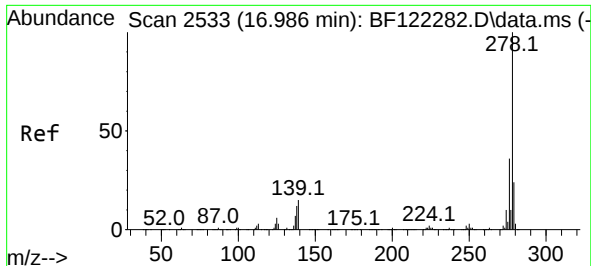
Lab File: BF122341.D

Acq: 17 Nov 2020 12:32

Tgt Ion:252 Resp: 1955746

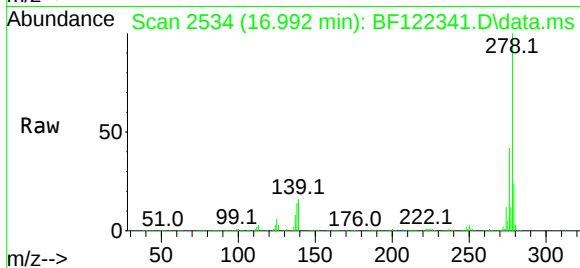
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.3  | 25.9  |
| 125 | 10.8  | 8.6   | 13.0  |



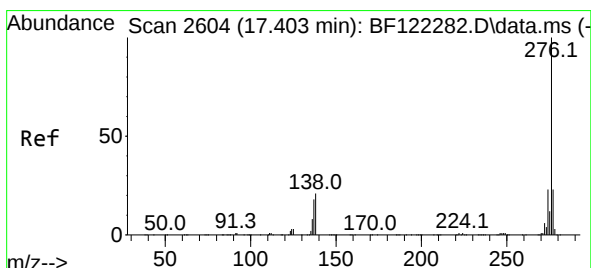
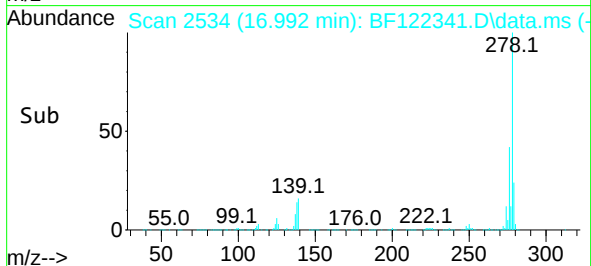
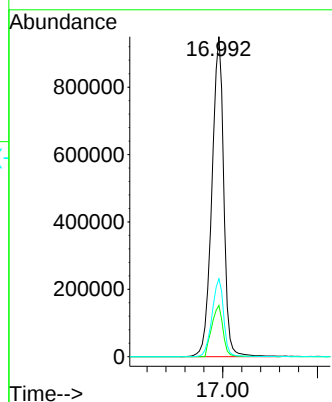


#91  
Dibenzo(a,h)anthracene  
Concen: 39.98 ng  
RT: 16.992 min Scan# 2534  
Delta R.T. 0.006 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB132985BS



Tgt Ion:278 Resp: 1651552  
Ion Ratio Lower Upper  
278 100  
139 16.0 13.0 19.4  
279 24.4 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 39.90 ng  
RT: 17.415 min Scan# 2606  
Delta R.T. 0.012 min  
Lab File: BF122341.D  
Acq: 17 Nov 2020 12:32

Tgt Ion:276 Resp: 1603198  
Ion Ratio Lower Upper  
276 100  
277 24.4 19.4 29.2  
138 20.6 17.8 26.6

