

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042921\  
 Data File : BP005409.D  
 Acq On : 29 Apr 2021 14:28  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Quant Time: Apr 29 15:45:29 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP042921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 29 14:39:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.628  | 152  | 24627    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.416 | 136  | 84946    | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.292 | 164  | 65254    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.057 | 188  | 157460   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.168 | 240  | 215663   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.415 | 264  | 230074   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.228  | 112  | 141923   | 100.11 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.816  | 99   | 199324   | 102.04 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.792  | 82   | 243692   | 124.77 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.798 | 330  | 134900   | 108.08 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.904 | 172  | 543130   | 107.74 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.645 | 244  | 1239805  | 106.53 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.157  | 88   | 37669    | 49.86  | ng    | # 93     |
| 3) Pyridine                   | 3.563  | 79   | 95814    | 58.43  | ng    | # 82     |
| 4) n-Nitrosodimethylamine     | 3.475  | 42   | 37110    | 43.91  | ng    | # 28     |
| 6) Aniline                    | 6.963  | 93   | 109958   | 51.88  | ng    | # 82     |
| 8) 2-Chlorophenol             | 7.198  | 128  | 75695    | 52.14  | ng    | # 85     |
| 9) Benzaldehyde               | 6.781  | 77   | 50948    | 44.60  | ng    | # 73     |
| 10) Phenol                    | 6.845  | 94   | 99070    | 50.85  | ng    | # 56     |
| 11) bis(2-Chloroethyl)ether   | 7.063  | 93   | 69116    | 49.20  | ng    | # 96     |
| 12) 1,3-Dichlorobenzene       | 7.516  | 146  | 88195    | 50.25  | ng    | # 84     |
| 13) 1,4-Dichlorobenzene       | 7.663  | 146  | 87641    | 48.96  | ng    | # 97     |
| 14) 1,2-Dichlorobenzene       | 7.975  | 146  | 87369    | 51.04  | ng    | # 97     |
| 15) Benzyl Alcohol            | 7.881  | 79   | 92125    | 59.14  | ng    | # 74     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.151  | 45   | 29862    | 25.33  | ng    | # 46     |
| 17) 2-Methylphenol            | 8.087  | 107  | 64438    | 52.59  | ng    | # 82     |
| 18) Hexachloroethane          | 8.692  | 117  | 38131    | 55.72  | ng    | # 96     |
| 19) n-Nitroso-di-n-propyla... | 8.439  | 70   | 78065    | 61.54  | ng    | # 83     |
| 20) 3+4-Methylphenols         | 8.416  | 107  | 88691    | 53.92  | ng    | # 89     |
| 22) Acetophenone              | 8.457  | 105  | 130692   | 53.61  | ng    | # 97     |
| 24) Nitrobenzene              | 8.834  | 77   | 123746   | 58.61  | ng    | # 90     |
| 25) Isophorone                | 9.357  | 82   | 198797   | 58.57  | ng    | # 94     |
| 26) 2-Nitrophenol             | 9.539  | 139  | 41083    | 60.45  | ng    | # 69     |
| 27) 2,4-Dimethylphenol        | 9.610  | 122  | 61732    | 53.86  | ng    | # 80     |
| 28) bis(2-Chloroethoxy)met... | 9.839  | 93   | 84605    | 51.84  | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 10.075 | 162  | 84886    | 55.97  | ng    | # 97     |
| 30) 1,2,4-Trichlorobenzene    | 10.281 | 180  | 103906   | 52.14  | ng    | # 98     |
| 31) Naphthalene               | 10.463 | 128  | 226856   | 50.61  | ng    | # 99     |
| 32) Benzoic acid              | 9.792  | 122  | 46929    | 62.90  | ng    | # 60     |
| 33) 4-Chloroaniline           | 10.592 | 127  | 92507    | 54.40  | ng    | # 91     |
| 34) Hexachlorobutadiene       | 10.739 | 225  | 90290    | 51.07  | ng    | # 96     |
| 35) Caprolactam               | 11.398 | 113  | 18713    | 44.24  | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 11.733 | 107  | 92431    | 56.50  | ng    | # 89     |
| 37) 2-Methylnaphthalene       | 12.086 | 142  | 177551   | 54.10  | ng    | # 97     |
| 38) 1-Methylnaphthalene       | 12.310 | 142  | 168507   | 53.74  | ng    | # 97     |
| 40) 1,2,4,5-Tetrachloroben... | 12.463 | 216  | 139532   | 49.12  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.433 | 237  | 53499    | 58.11  | ng    | # 99     |
| 43) 2,4,6-Trichlorophenol     | 12.716 | 196  | 86636    | 56.30  | ng    | # 95     |

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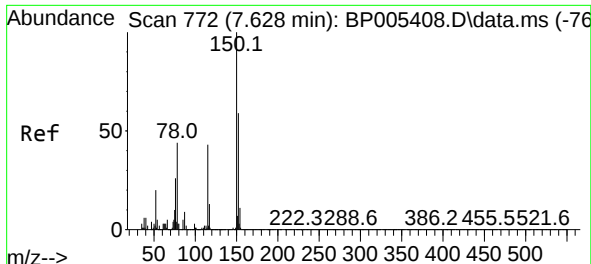
Quant Time: Apr 29 15:45:29 2021  
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 QLast Update : Thu Apr 29 14:39:11 2021  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.798 | 196  | 94461    | 56.23 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.116 | 154  | 243779   | 52.49 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.157 | 162  | 199704   | 52.22 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.380 | 65   | 70047    | 66.72 | ng    | 95       |
| 49) Acenaphthylene            | 14.016 | 152  | 296241   | 53.53 | ng    | 98       |
| 50) Dimethylphthalate         | 13.763 | 163  | 263896   | 55.72 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.886 | 165  | 58273    | 56.41 | ng    | 95       |
| 52) Acenaphthene              | 14.357 | 154  | 184668   | 52.89 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.222 | 138  | 47411    | 55.51 | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 14.439 | 184  | 38501    | 65.40 | ng    | # 75     |
| 55) Dibenzofuran              | 14.698 | 168  | 330258   | 52.81 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.551 | 139  | 36611    | 53.85 | ng    | # 82     |
| 57) 2,4-Dinitrotoluene        | 14.686 | 165  | 86143    | 59.61 | ng    | 92       |
| 58) Fluorene                  | 15.351 | 166  | 276718   | 55.14 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.933 | 232  | 91318    | 52.23 | ng    | 93       |
| 60) Diethylphthalate          | 15.133 | 149  | 259659   | 58.09 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.351 | 204  | 172286   | 53.51 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.392 | 138  | 45630    | 56.94 | ng    | 90       |
| 63) Azobenzene                | 15.645 | 77   | 316508   | 60.76 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 198  | 63605    | 61.45 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.569 | 169  | 233886   | 54.36 | ng    | # 94     |
| 67) 4-Bromophenyl-phenylether | 16.251 | 248  | 111819   | 51.97 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.363 | 284  | 125519   | 49.75 | ng    | 94       |
| 69) Atrazine                  | 16.533 | 200  | 105437   | 58.71 | ng    | 98       |
| 70) Pentachlorophenol         | 16.716 | 266  | 72606    | 53.52 | ng    | 97       |
| 71) Phenanthrene              | 17.104 | 178  | 435321   | 51.87 | ng    | 100      |
| 72) Anthracene                | 17.192 | 178  | 433758   | 53.07 | ng    | 99       |
| 73) Carbazole                 | 17.474 | 167  | 387546   | 52.69 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.033 | 149  | 433162   | 62.37 | ng    | # 95     |
| 75) Fluoranthene              | 19.086 | 202  | 593564   | 51.52 | ng    | 99       |
| 77) Benzidine                 | 19.274 | 184  | 179444   | 52.66 | ng    | 99       |
| 78) Pyrene                    | 19.439 | 202  | 625940   | 51.76 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.321 | 149  | 207716   | 75.61 | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.151 | 228  | 700720   | 50.50 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.086 | 252  | 247016   | 57.27 | ng    | 98       |
| 83) Chrysene                  | 21.204 | 228  | 690796   | 49.97 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.080 | 149  | 320516   | 75.95 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 21.951 | 149  | 540786   | 65.99 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.727 | 276  | 922044   | 52.46 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.739 | 252  | 780844   | 51.55 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 22.786 | 252  | 726218   | 48.83 | ng    | # 99     |
| 90) Benzo(a)pyrene            | 23.321 | 252  | 697578   | 50.51 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.733 | 278  | 807274   | 53.03 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 26.433 | 276  | 737405   | 51.72 | ng    | # 97     |

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

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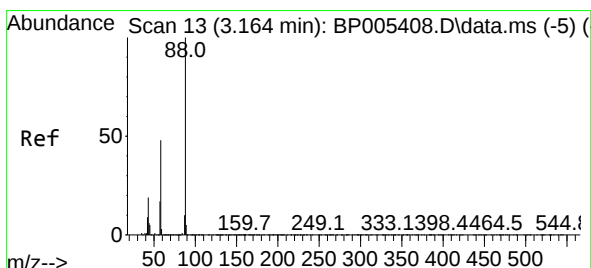
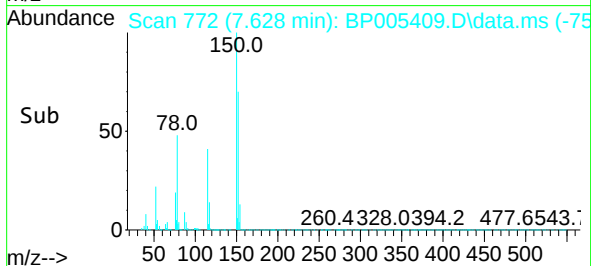
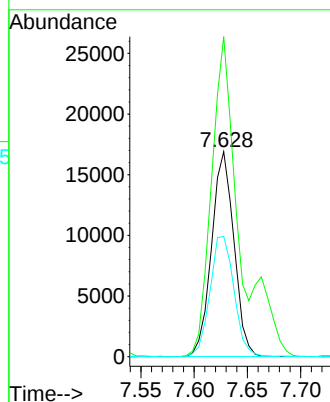
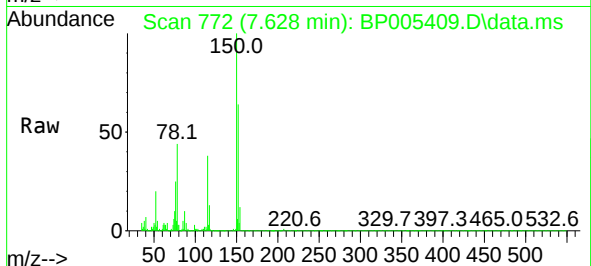




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.628 min Scan# 772  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

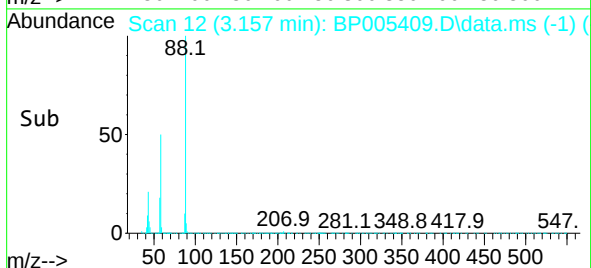
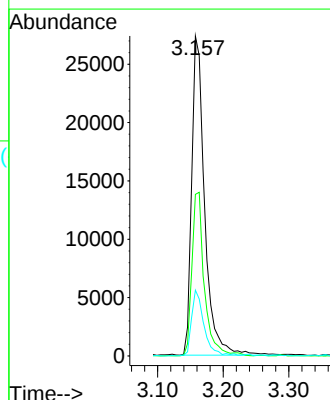
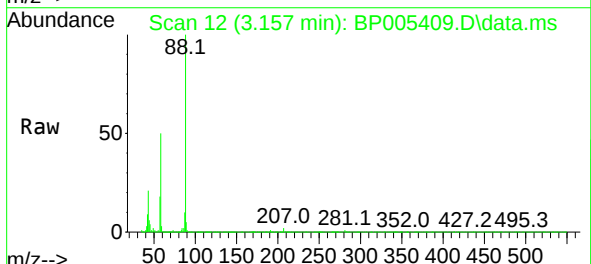
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

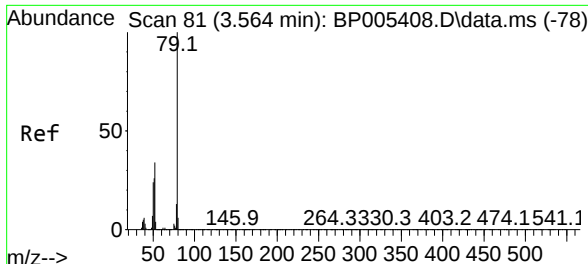
Tgt Ion:152 Resp: 24627  
Ion Ratio Lower Upper  
152 100  
150 156.2 119.8 179.8  
115 58.7 49.0 73.4



#2  
1,4-Dioxane  
Concen: 49.86 ng  
RT: 3.157 min Scan# 12  
Delta R.T. -0.006 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion: 88 Resp: 37669  
Ion Ratio Lower Upper  
88 100  
58 49.0 42.5 63.7  
43 19.8 19.8 29.8#

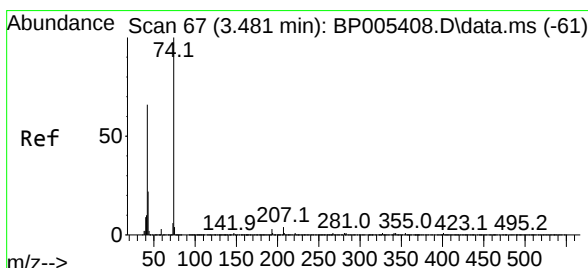
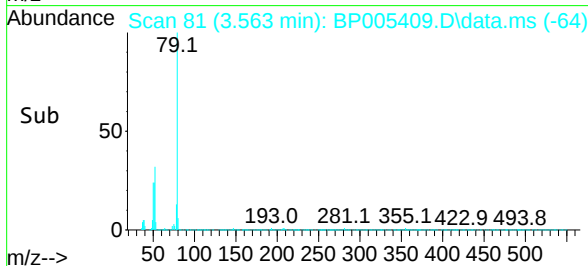
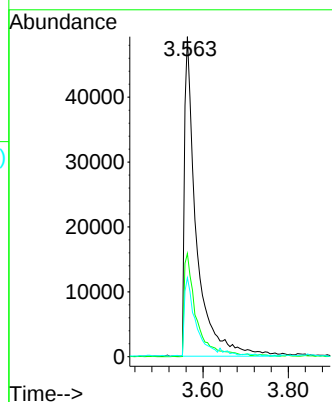
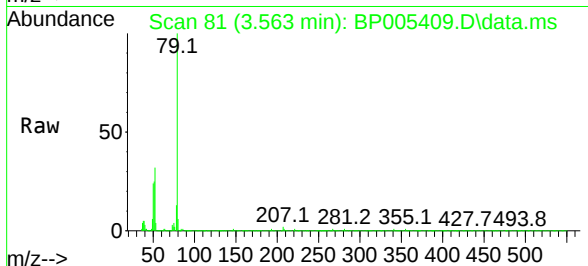




#3  
Pyridine  
Concen: 58.43 ng  
RT: 3.563 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

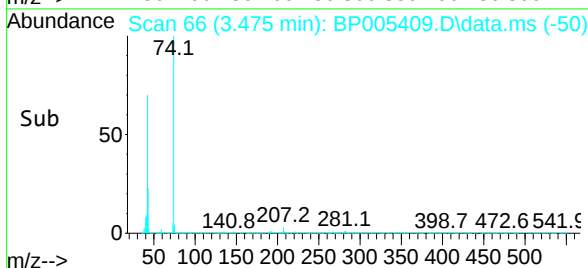
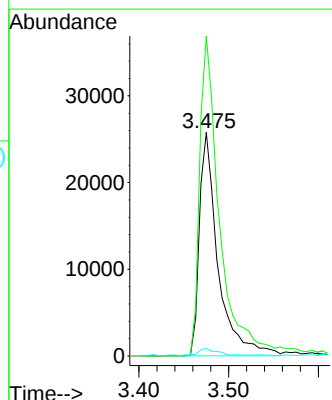
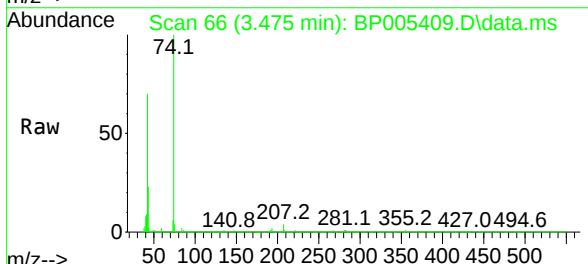
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

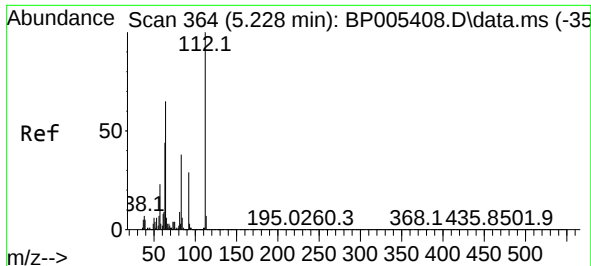
Tgt Ion: 79 Resp: 95814  
Ion Ratio Lower Upper  
79 100  
52 32.3 40.3 60.5#  
51 24.6 20.0 30.0



#4  
n-Nitrosodimethylamine  
Concen: 43.91 ng  
RT: 3.475 min Scan# 66  
Delta R.T. -0.006 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion: 42 Resp: 37110  
Ion Ratio Lower Upper  
42 100  
74 143.2 122.6 183.8  
44 3.5 146.9 220.3#

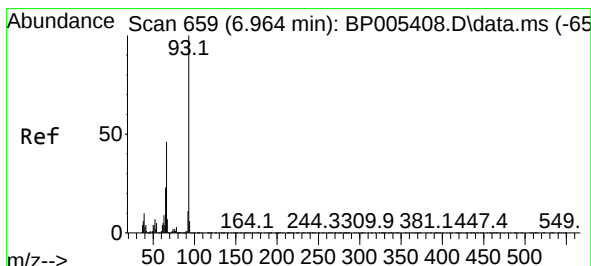
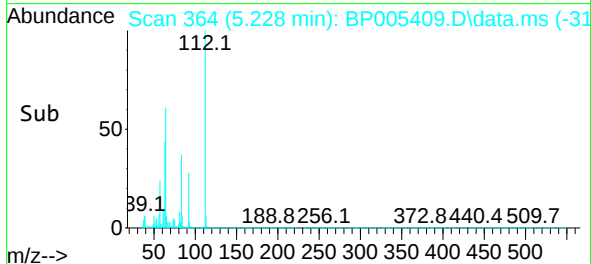
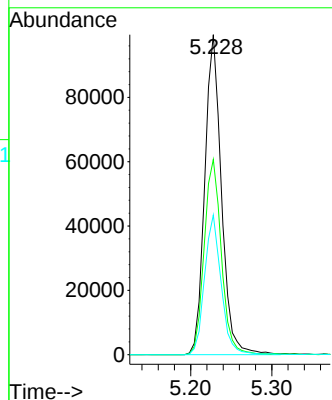
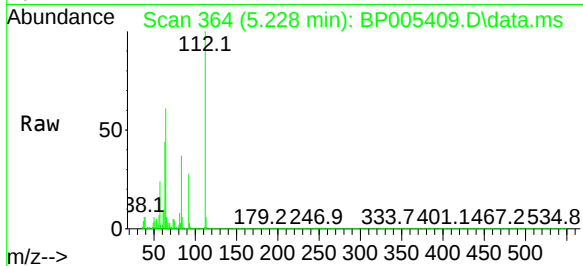




#5  
2-Fluorophenol  
Concen: 100.11 ng  
RT: 5.228 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

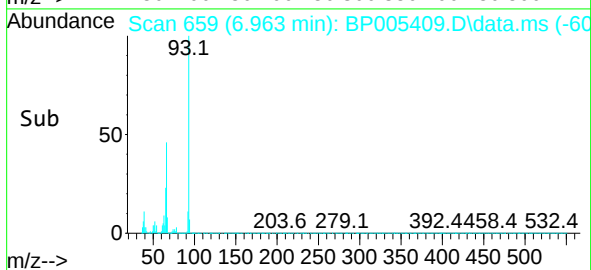
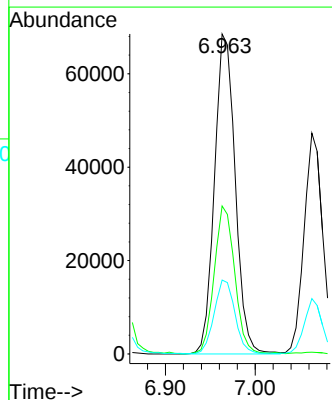
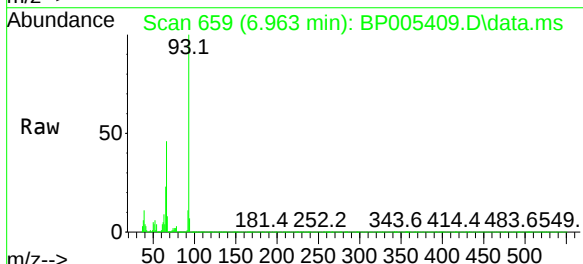
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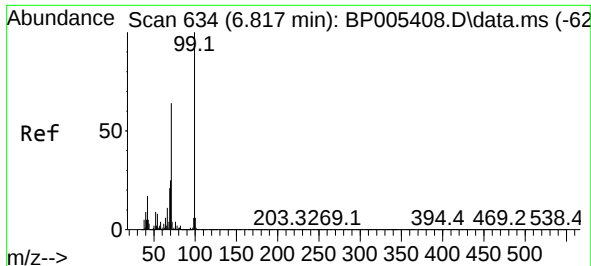
Tgt Ion:112 Resp: 141923  
Ion Ratio Lower Upper  
112 100  
64 61.0 33.6 50.4#  
63 43.7 18.6 27.8#



#6  
Aniline  
Concen: 51.88 ng  
RT: 6.963 min Scan# 659  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
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Tgt Ion: 93 Resp: 109958  
Ion Ratio Lower Upper  
93 100  
66 46.2 27.0 40.4#  
65 23.1 14.4 21.6#

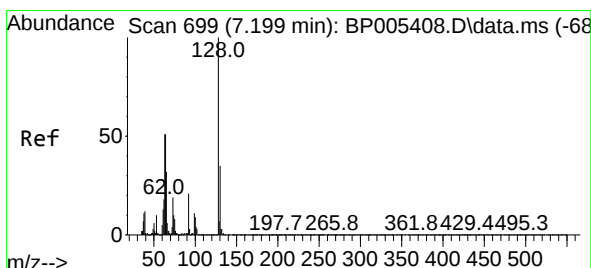
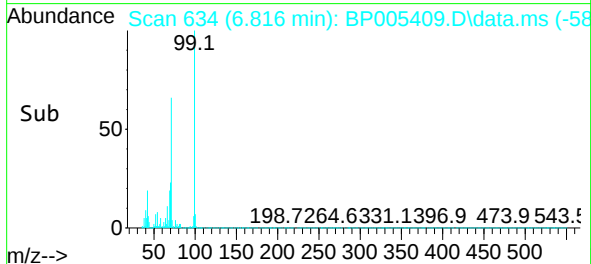
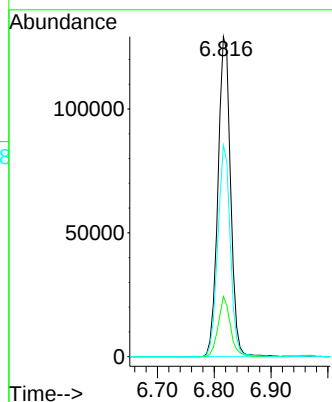
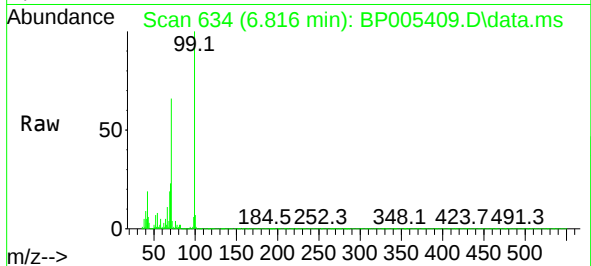




#7  
Phenol-d6  
Concen: 102.04 ng  
RT: 6.816 min Scan# 634  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

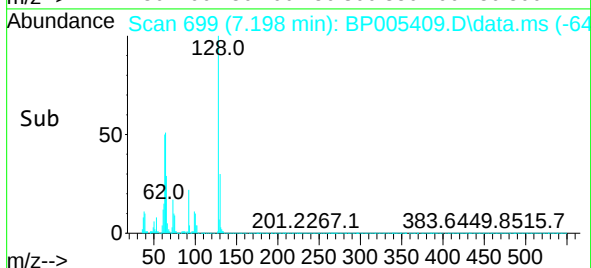
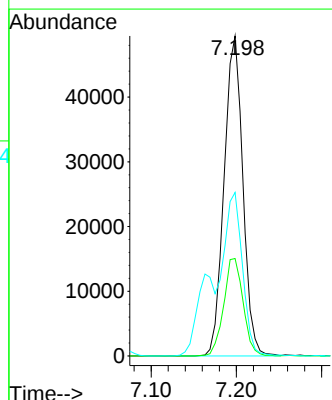
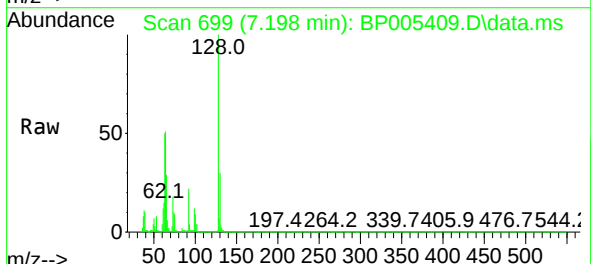
Instrument :  
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ClientSampleId :  
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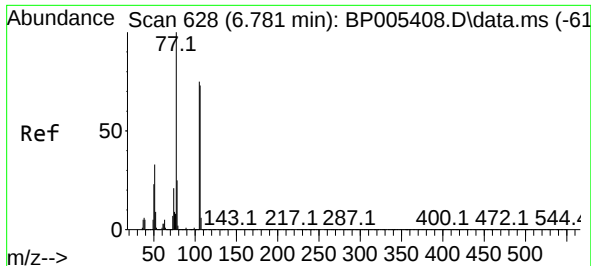
Tgt Ion: 99 Resp: 199324  
Ion Ratio Lower Upper  
99 100  
42 18.8 12.9 19.3  
71 66.1 26.7 40.1#



#8  
2-Chlorophenol  
Concen: 52.14 ng  
RT: 7.198 min Scan# 699  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
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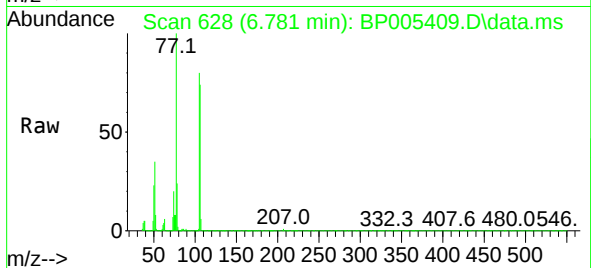
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Ion Ratio Lower Upper  
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130 30.5 14.1 54.1  
64 51.1 17.2 57.2



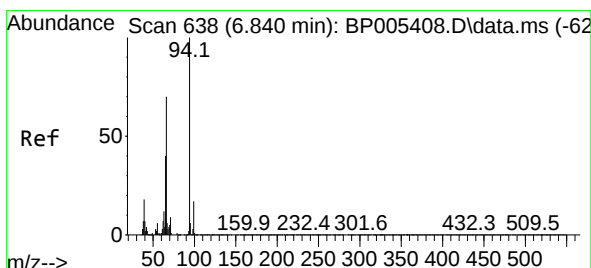
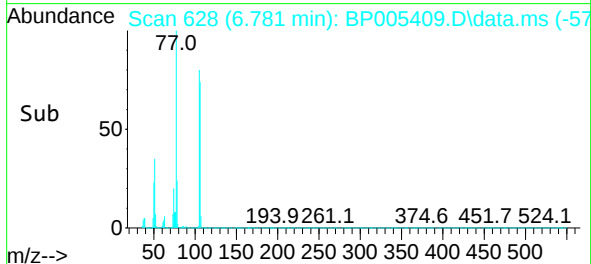
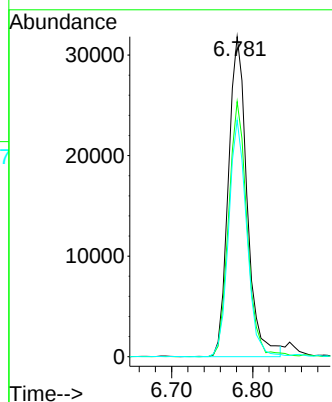


#9  
Benzaldehyde  
Concen: 44.60 ng  
RT: 6.781 min Scan# 628  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

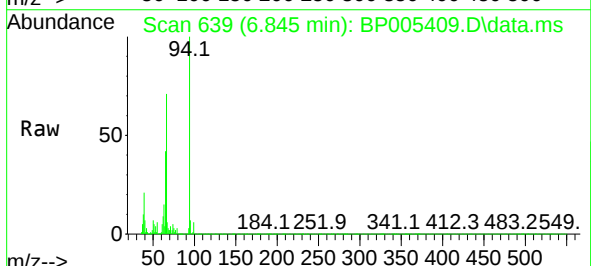
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050



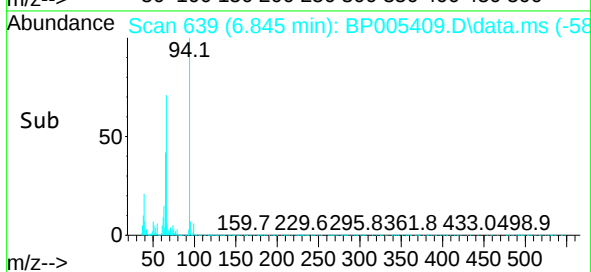
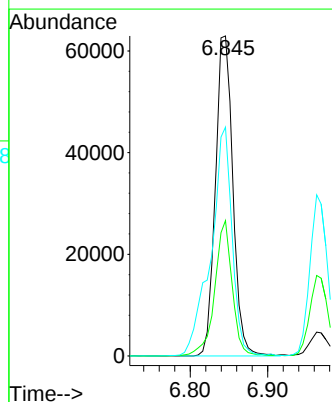
Tgt Ion: 77 Resp: 50948  
Ion Ratio Lower Upper  
77 100  
105 79.7 89.4 129.4#  
106 74.0 79.9 119.9#

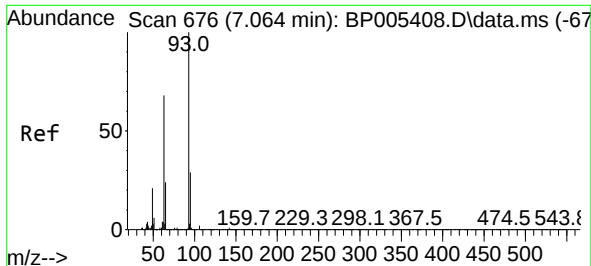


#10  
Phenol  
Concen: 50.85 ng  
RT: 6.845 min Scan# 639  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28



Tgt Ion: 94 Resp: 99070  
Ion Ratio Lower Upper  
94 100  
65 42.3 8.0 48.0  
66 71.5 17.3 57.3#

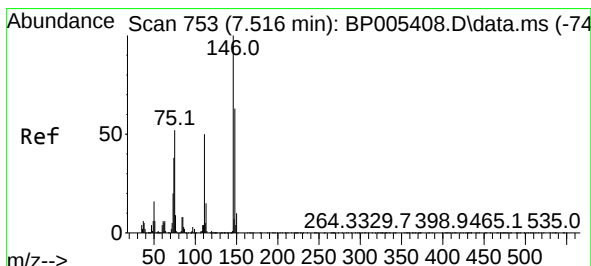
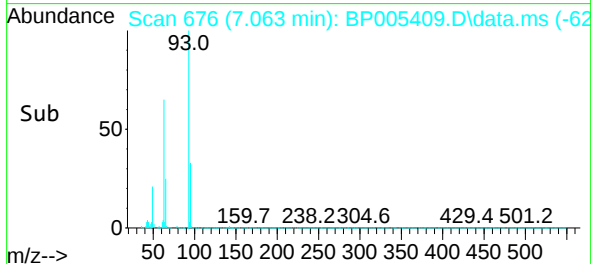
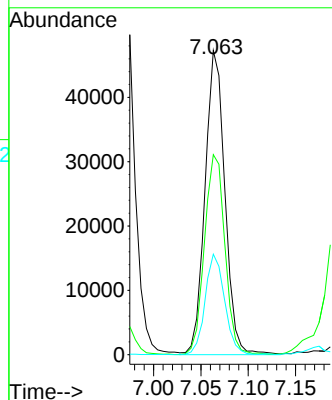
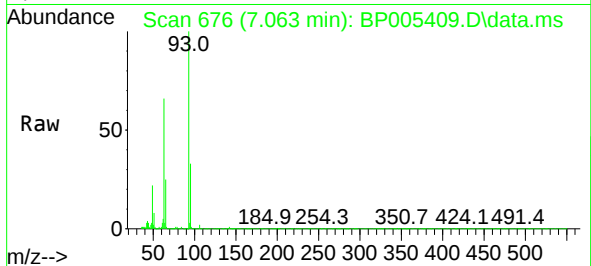




#11  
bis(2-Chloroethyl)ether  
Concen: 49.20 ng  
RT: 7.063 min Scan# 676  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

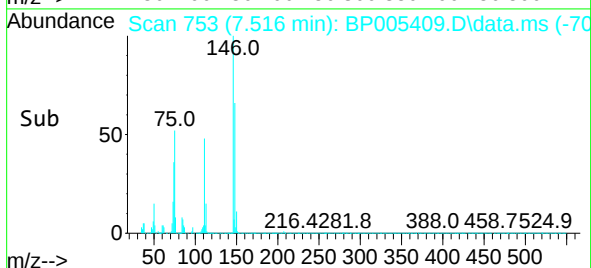
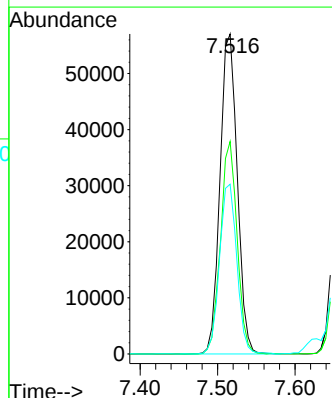
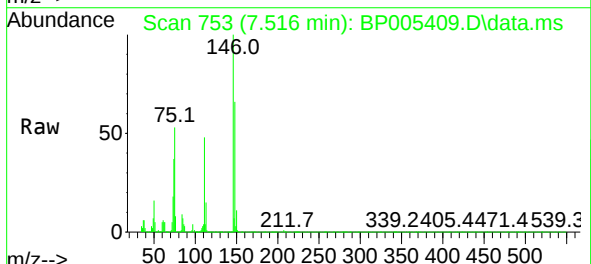
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

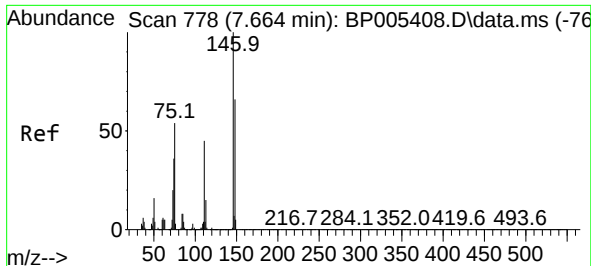
Tgt Ion: 93 Resp: 69116  
Ion Ratio Lower Upper  
93 100  
63 65.8 49.6 89.6  
95 33.0 14.4 54.4



#12  
1,3-Dichlorobenzene  
Concen: 50.25 ng  
RT: 7.516 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion: 146 Resp: 88195  
Ion Ratio Lower Upper  
146 100  
148 66.4 51.4 77.0  
75 53.1 23.9 35.9#

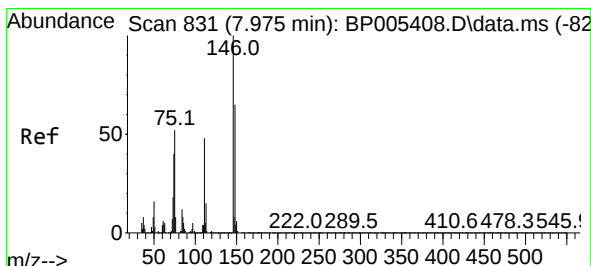
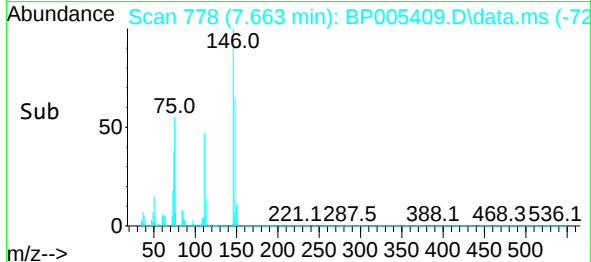
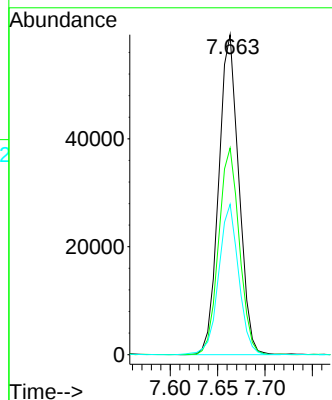
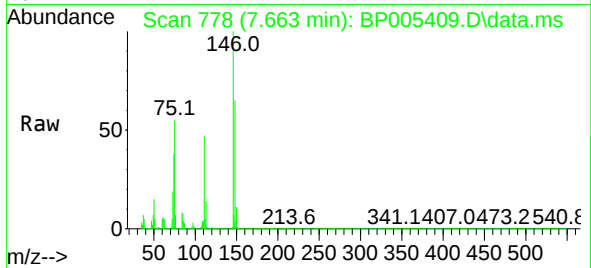




#13  
1,4-Dichlorobenzene  
Concen: 48.96 ng  
RT: 7.663 min Scan# 778  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

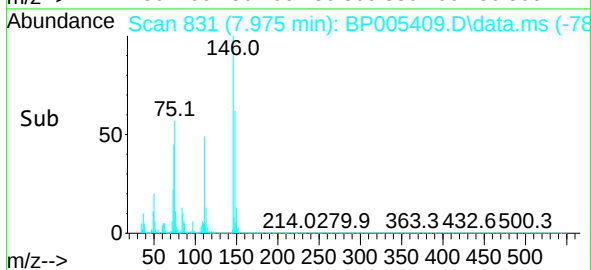
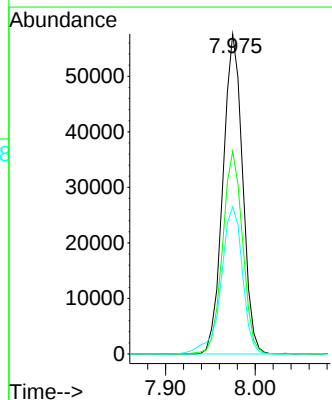
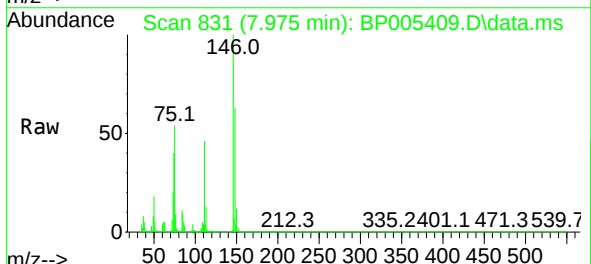
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

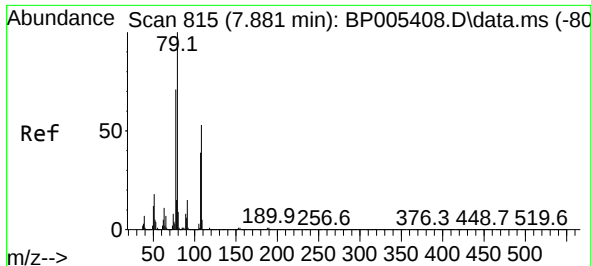
Tgt Ion:146 Resp: 87641  
Ion Ratio Lower Upper  
146 100  
148 64.6 52.2 78.4  
111 47.0 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 51.04 ng  
RT: 7.975 min Scan# 831  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:146 Resp: 87369  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.5 77.3  
111 46.0 34.0 51.0

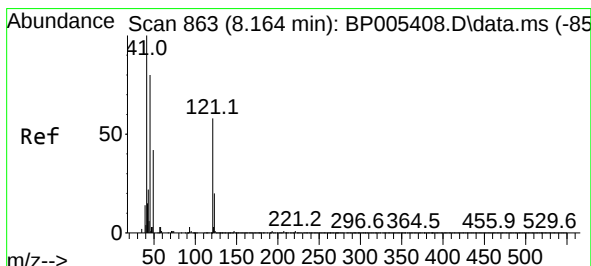
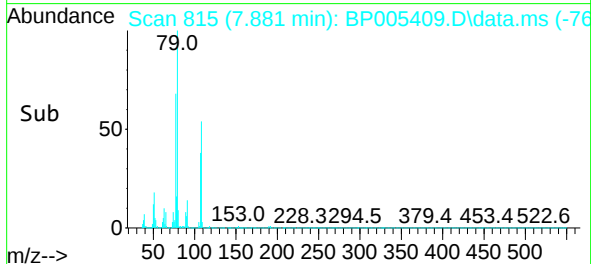
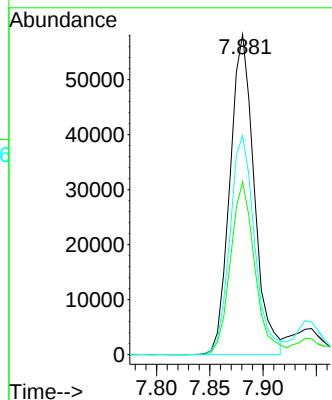
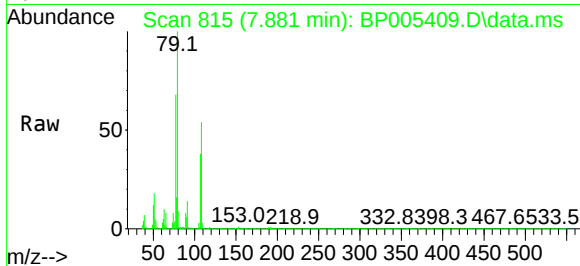




#15  
Benzyl Alcohol  
Concen: 59.14 ng  
RT: 7.881 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

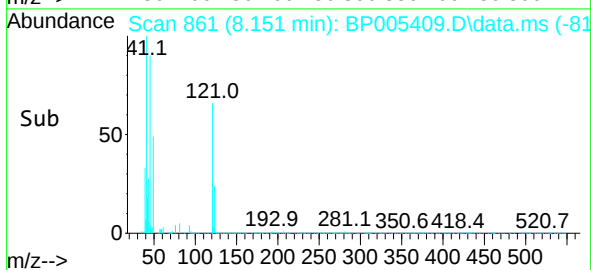
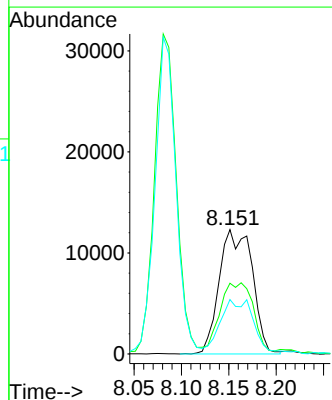
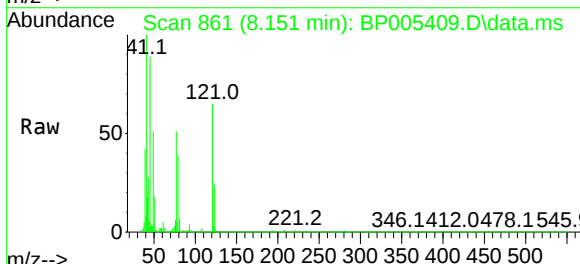
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

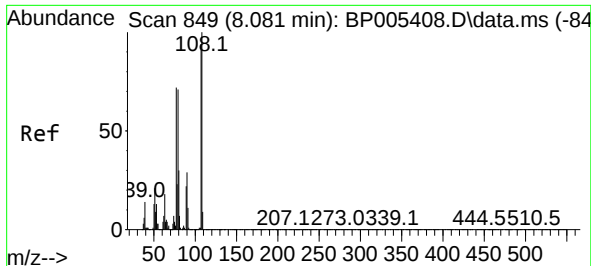
Tgt Ion: 79 Resp: 92125  
Ion Ratio Lower Upper  
79 100  
108 54.0 64.0 96.0#  
77 68.4 72.7 109.1#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 25.33 ng  
RT: 8.151 min Scan# 861  
Delta R.T. -0.012 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion: 45 Resp: 29862  
Ion Ratio Lower Upper  
45 100  
77 56.9 7.0 47.0#  
79 43.8 1.0 41.0#





#17

2-Methylphenol

Concen: 52.59 ng

RT: 8.087 min Scan# 850

Delta R.T. 0.005 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

Instrument :

BNA\_P

ClientSampleId :

SSTDIC050

Tgt Ion:107 Resp: 64438

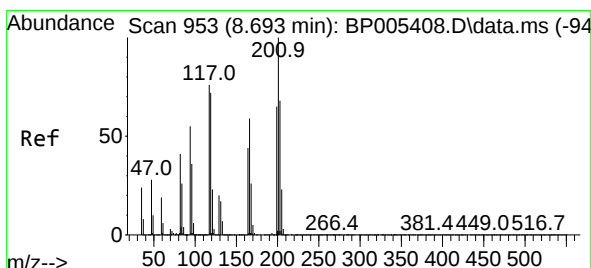
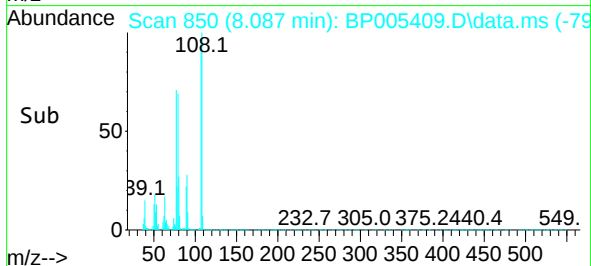
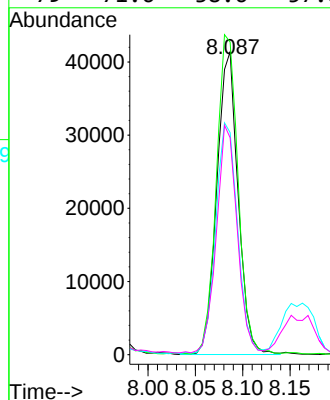
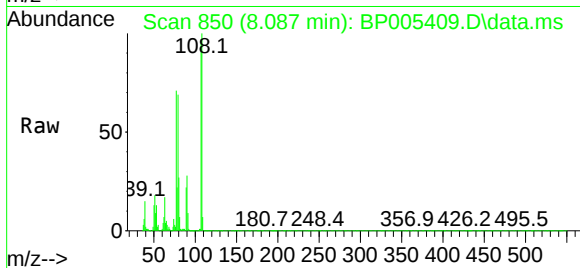
Ion Ratio Lower Upper

107 100

108 103.2 85.8 128.8

77 73.3 41.4 62.0#

79 71.6 38.6 57.8#



#18

Hexachloroethane

Concen: 55.72 ng

RT: 8.692 min Scan# 953

Delta R.T. -0.001 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

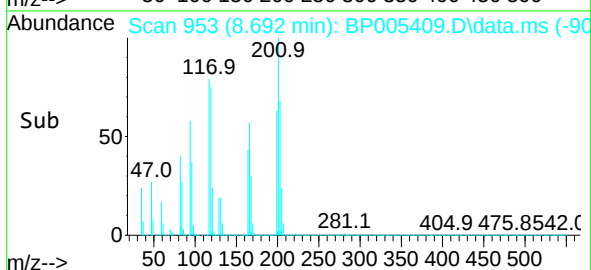
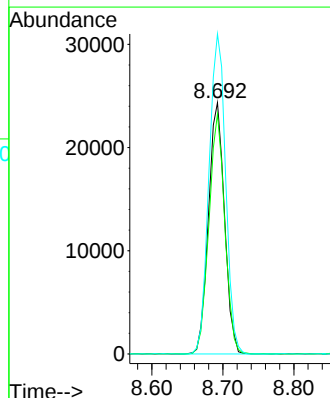
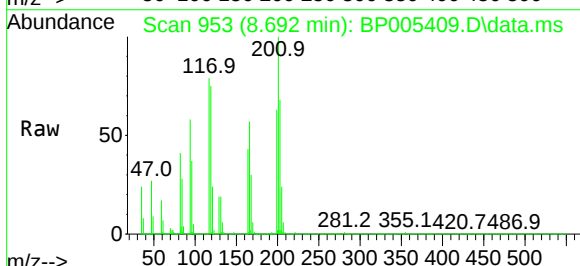
Tgt Ion:117 Resp: 38131

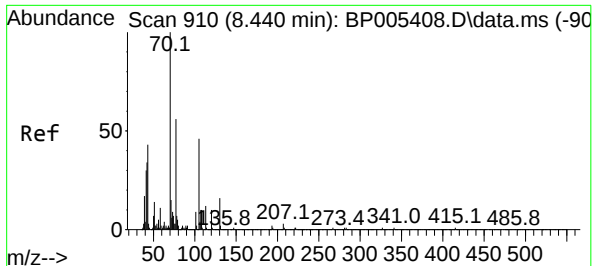
Ion Ratio Lower Upper

117 100

119 95.5 80.1 120.1

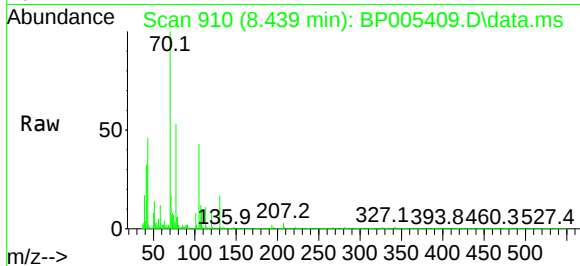
201 127.3 98.8 148.2



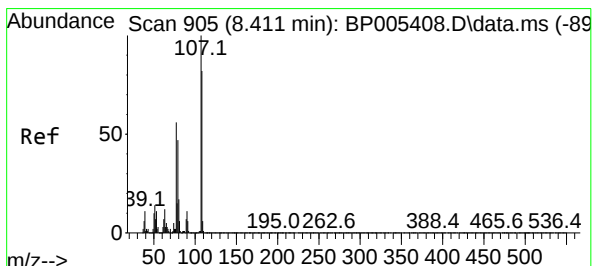
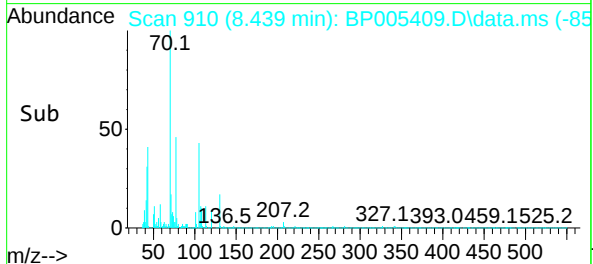
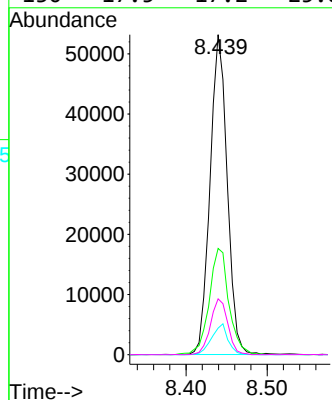


#19  
n-Nitroso-di-n-propylamine  
Concen: 61.54 ng  
RT: 8.439 min Scan# 910  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

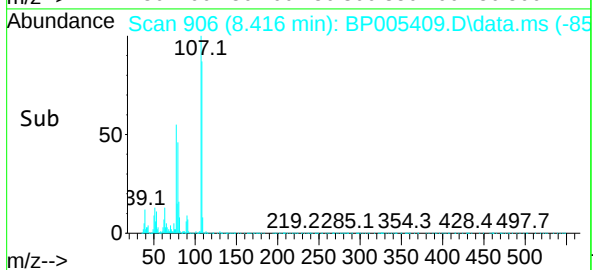
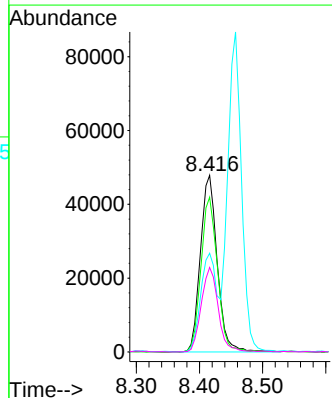
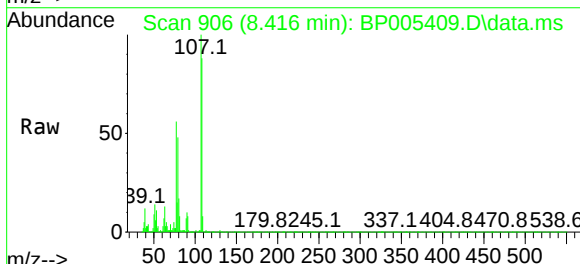


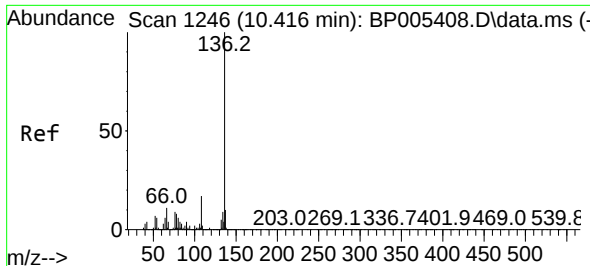
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 33.2  | 39.7  | 59.5# |
| 101     | 8.3   | 7.4   | 11.0  |
| 130     | 17.5  | 17.2  | 25.8  |



#20  
3+4-Methylphenols  
Concen: 53.92 ng  
RT: 8.416 min Scan# 906  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.6  | 69.5  | 109.5 |
| 77      | 55.9  | 21.5  | 61.5  |
| 79      | 47.8  | 16.8  | 56.8  |

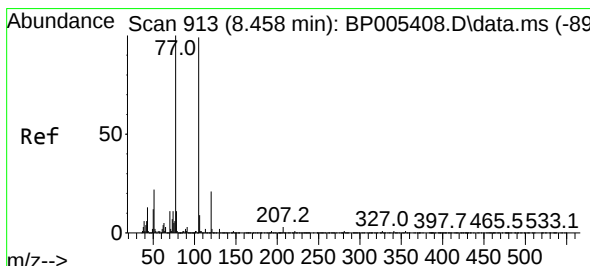
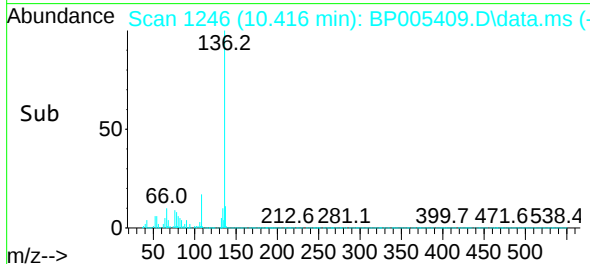
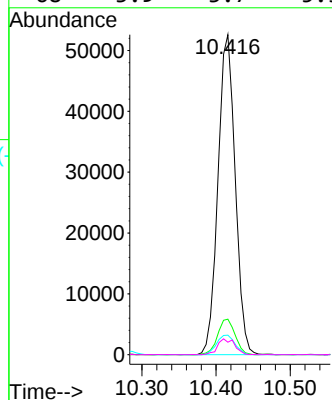
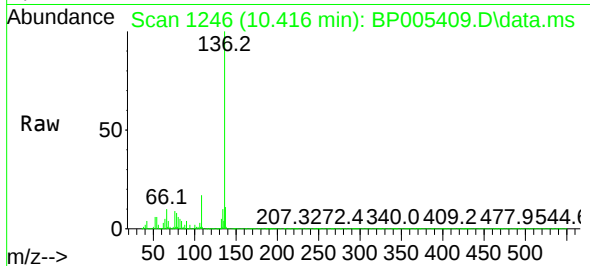




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.416 min Scan# 1246  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

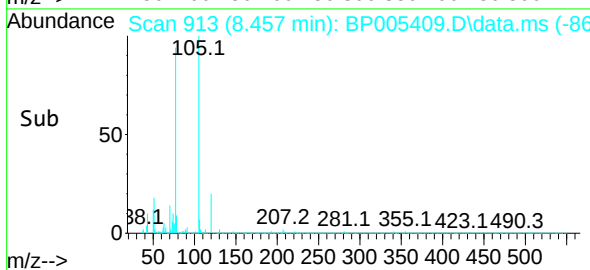
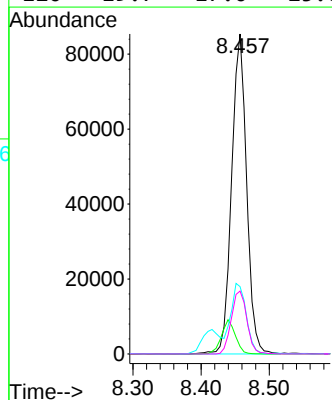
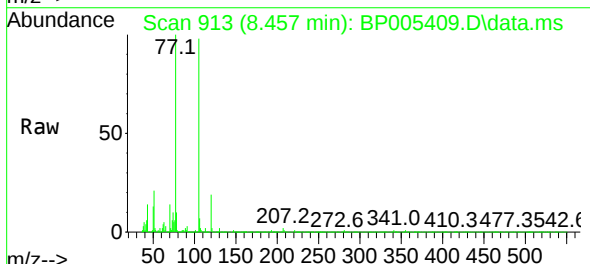
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

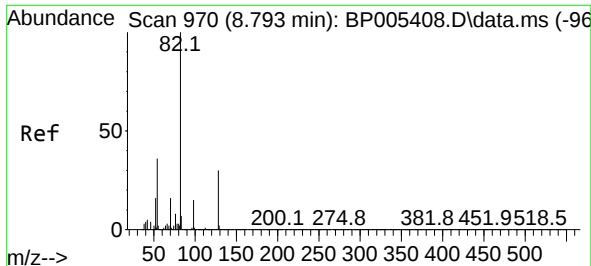
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 84946 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 8.9   | 13.3  |
| 54        | 6.1   | 5.0   | 7.4   |
| 68        | 3.9   | 3.7   | 5.5   |



#22  
Acetophenone  
Concen: 53.61 ng  
RT: 8.457 min Scan# 913  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 130692 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.4   | 0.9   | 1.3    |
| 51        | 21.0  | 18.2  | 27.2   |
| 120       | 19.7  | 17.0  | 25.6   |

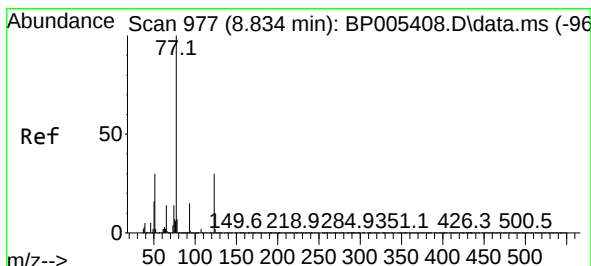
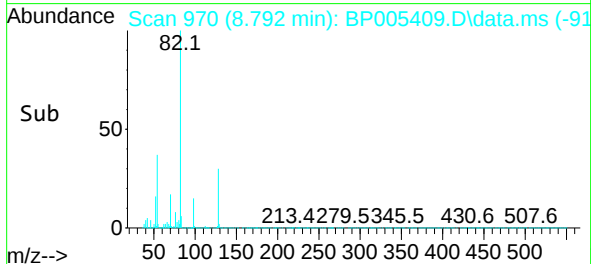
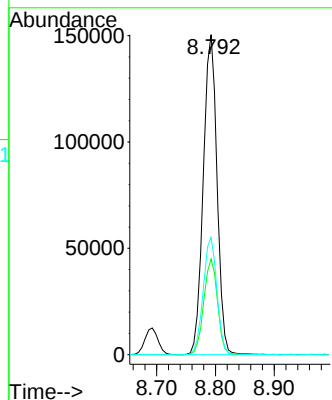
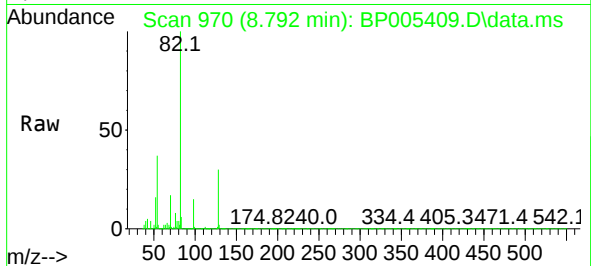




#23  
Nitrobenzene-d5  
Concen: 124.77 ng  
RT: 8.792 min Scan# 970  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

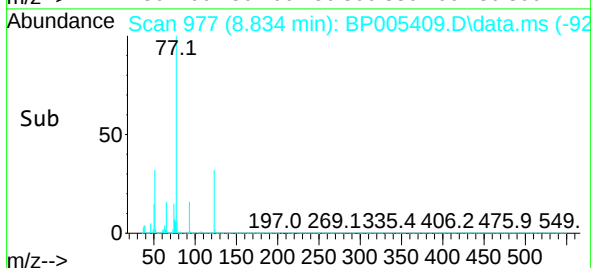
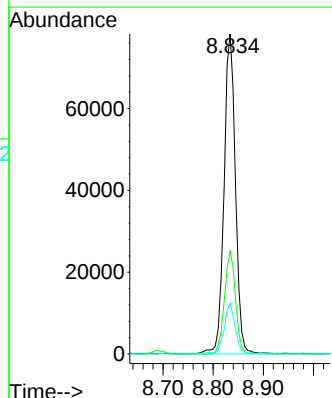
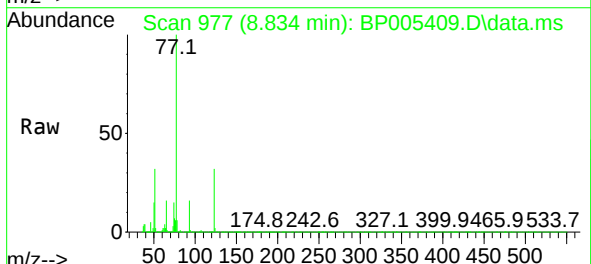
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

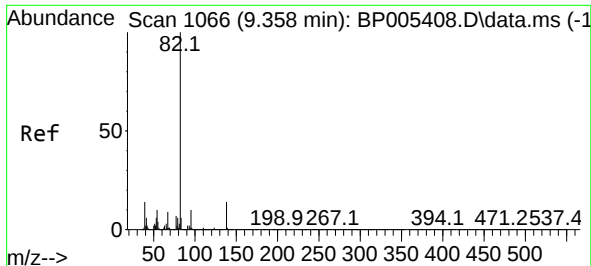
Tgt Ion: 82 Resp: 243692  
Ion Ratio Lower Upper  
82 100  
128 29.9 30.5 45.7#  
54 36.7 33.9 50.9



#24  
Nitrobenzene  
Concen: 58.61 ng  
RT: 8.834 min Scan# 977  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion: 77 Resp: 123746  
Ion Ratio Lower Upper  
77 100  
123 32.1 31.7 47.5  
65 15.8 11.5 17.3

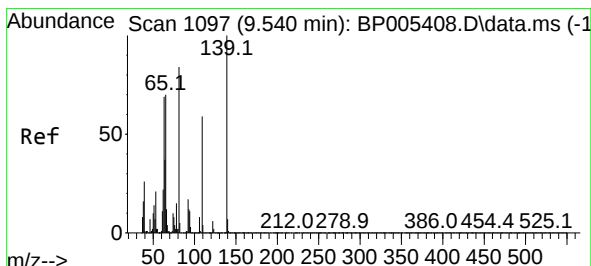
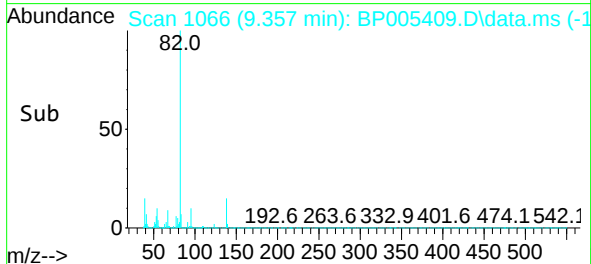
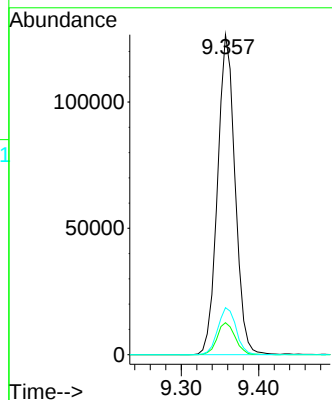
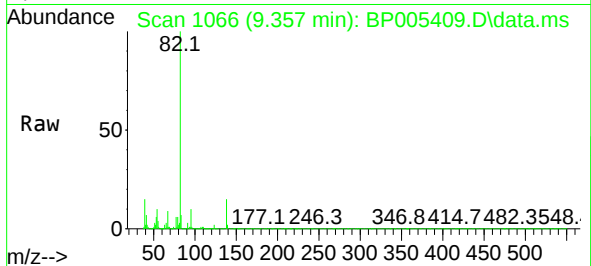




#25  
Isophorone  
Concen: 58.57 ng  
RT: 9.357 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

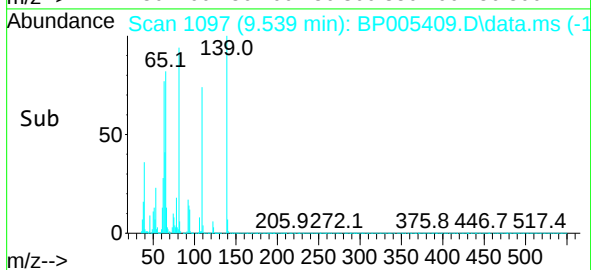
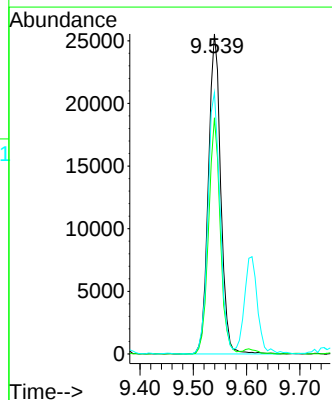
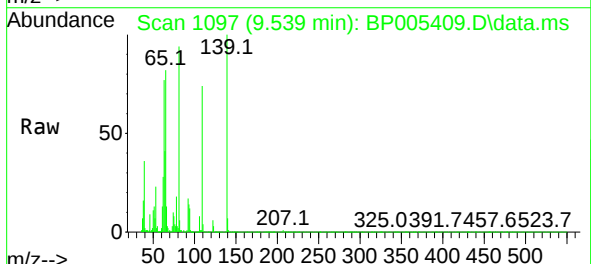
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

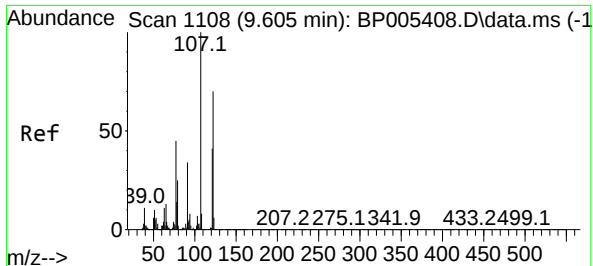
Tgt Ion: 82 Resp: 198797  
Ion Ratio Lower Upper  
82 100  
95 10.0 7.5 11.3  
138 14.7 14.6 22.0



#26  
2-Nitrophenol  
Concen: 60.45 ng  
RT: 9.539 min Scan# 1097  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion: 139 Resp: 41083  
Ion Ratio Lower Upper  
139 100  
109 73.8 40.7 61.1#  
65 81.7 47.8 71.6#

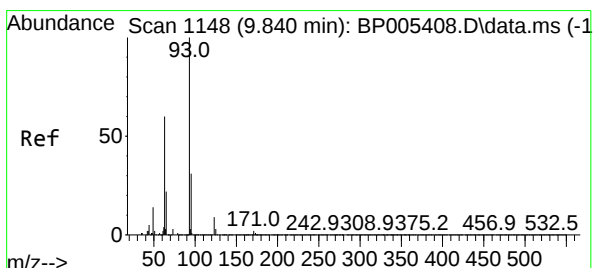
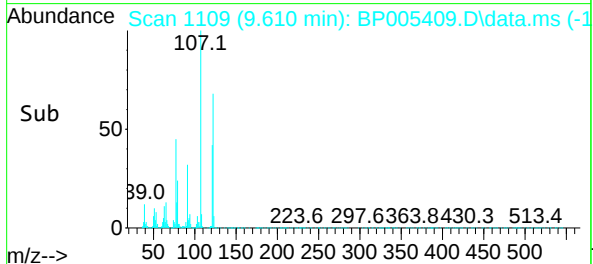
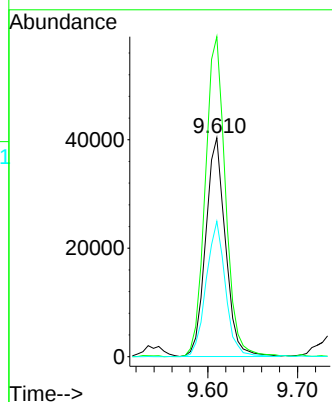
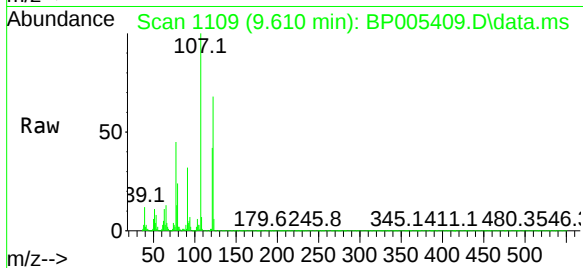




#27  
2,4-Dimethylphenol  
Concen: 53.86 ng  
RT: 9.610 min Scan# 1109  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

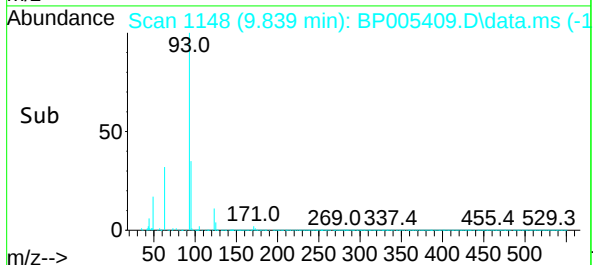
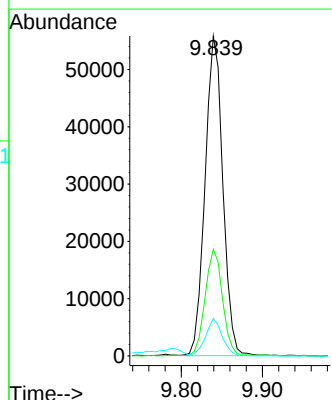
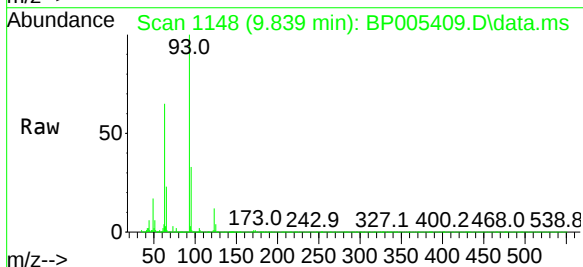
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

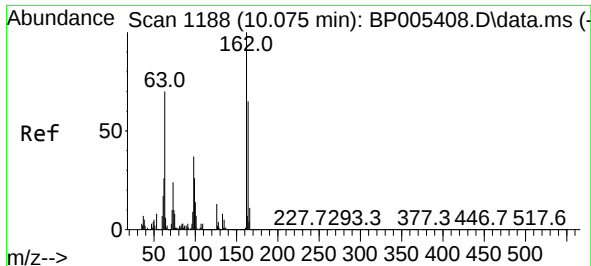
Tgt Ion:122 Resp: 61732  
Ion Ratio Lower Upper  
122 100  
107 146.2 93.8 140.8#  
121 61.8 45.6 68.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 51.84 ng  
RT: 9.839 min Scan# 1148  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion: 93 Resp: 84605  
Ion Ratio Lower Upper  
93 100  
95 33.4 24.9 37.3  
123 11.7 9.5 14.3

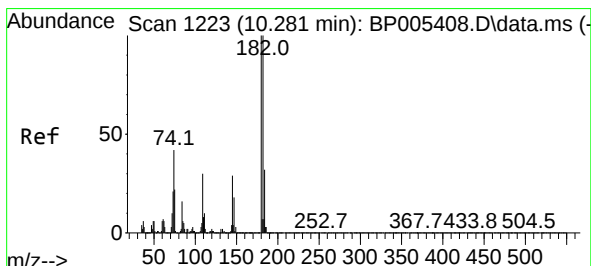
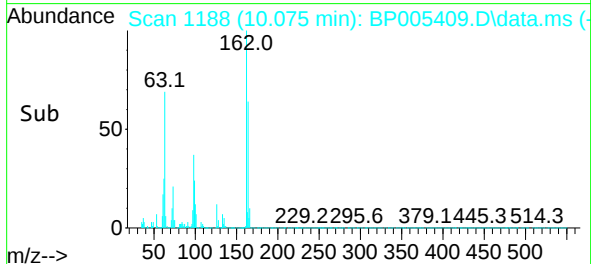
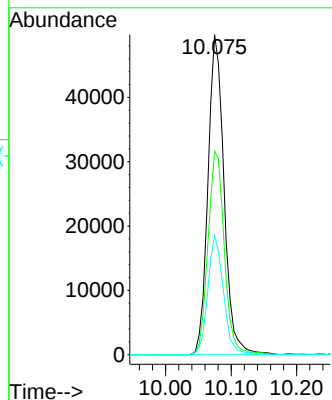
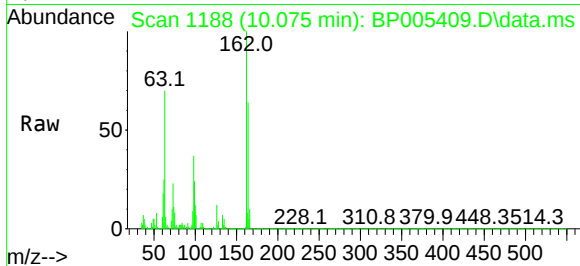




#29  
2,4-Dichlorophenol  
Concen: 55.97 ng  
RT: 10.075 min Scan# 1188  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

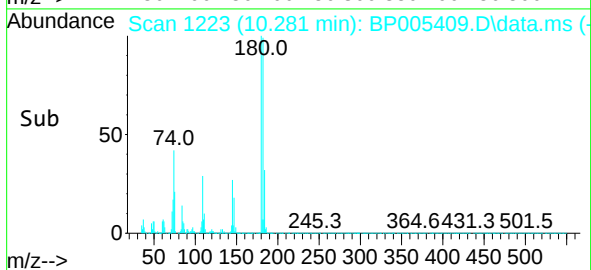
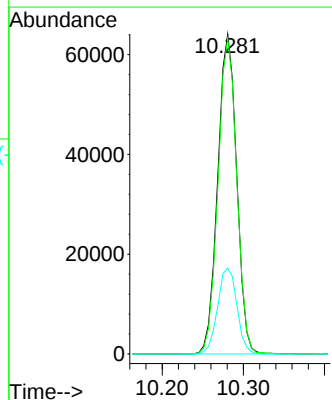
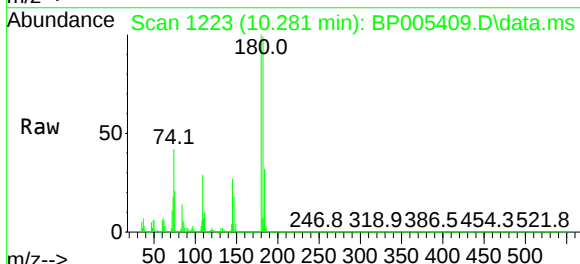
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

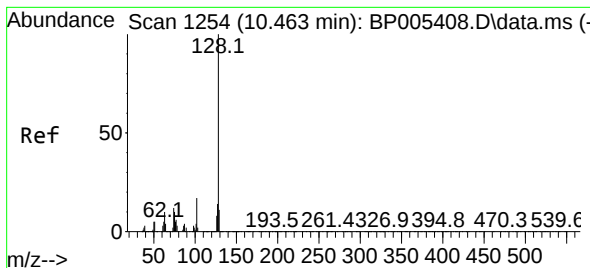
Tgt Ion:162 Resp: 84886  
Ion Ratio Lower Upper  
162 100  
164 63.6 44.1 84.1  
98 37.2 12.6 52.6



#30  
1,2,4-Trichlorobenzene  
Concen: 52.14 ng  
RT: 10.281 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:180 Resp: 103906  
Ion Ratio Lower Upper  
180 100  
182 98.7 77.2 115.8  
145 26.8 21.7 32.5

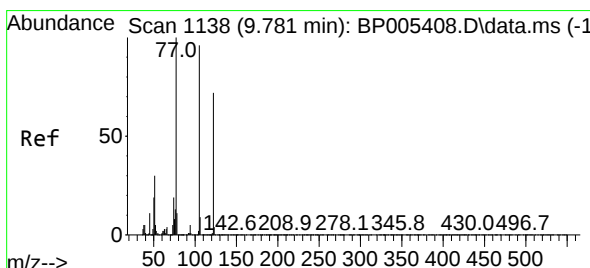
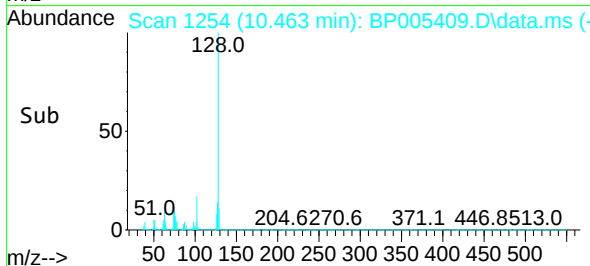
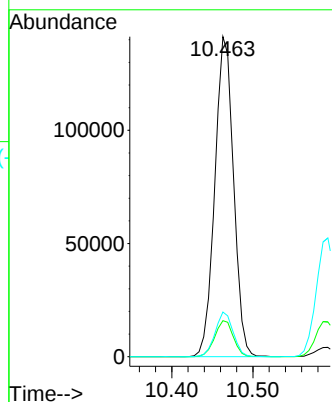
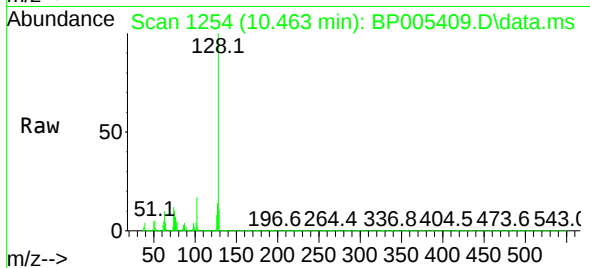




#31  
Naphthalene  
Concen: 50.61 ng  
RT: 10.463 min Scan# 1254  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

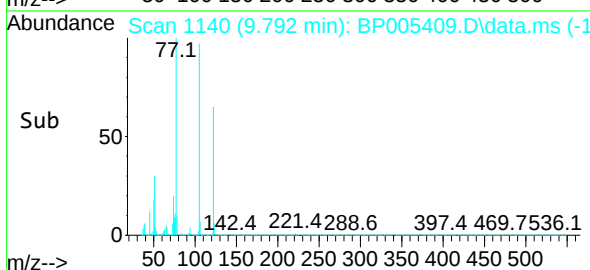
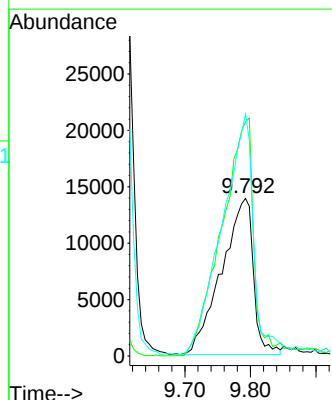
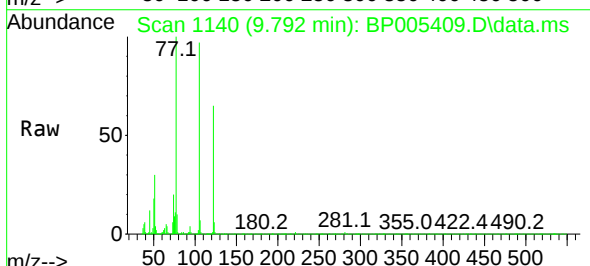
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

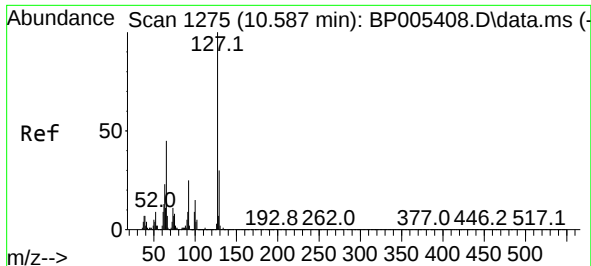
Tgt Ion:128 Resp: 226856  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.0 12.0  
127 13.9 11.1 16.7



#32  
Benzoic acid  
Concen: 62.90 ng  
RT: 9.792 min Scan# 1140  
Delta R.T. 0.011 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:122 Resp: 46929  
Ion Ratio Lower Upper  
122 100  
105 148.7 105.1 145.1#  
77 153.5 69.6 109.6#

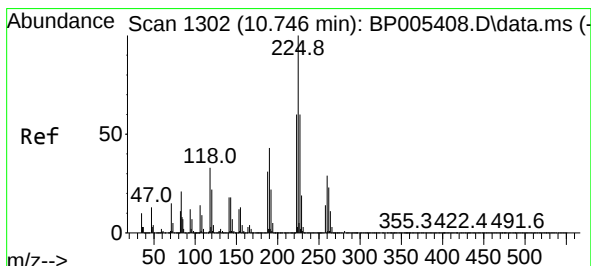
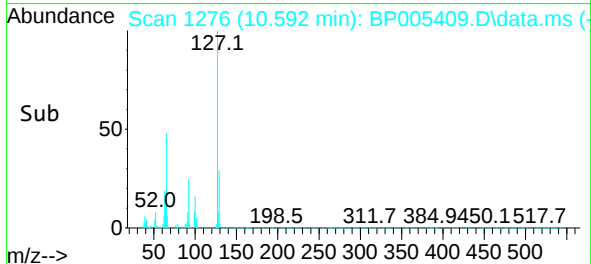
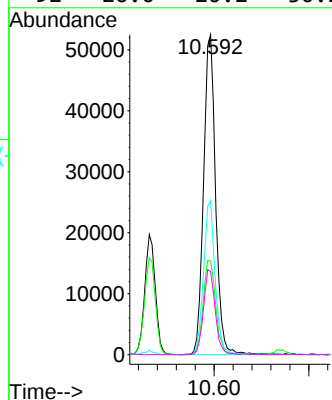
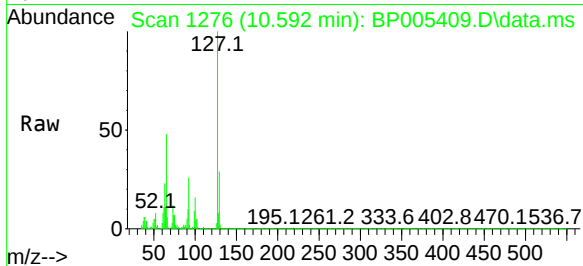




#33  
4-Chloroaniline  
Concen: 54.40 ng  
RT: 10.592 min Scan# 1276  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

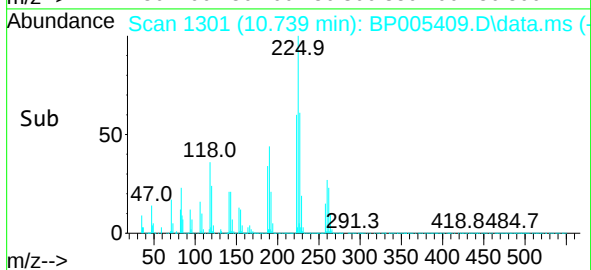
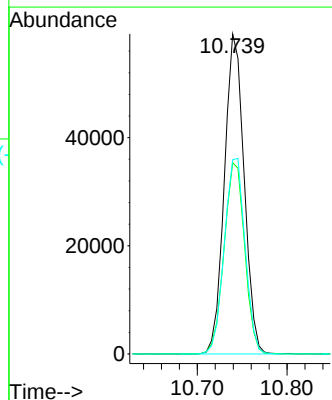
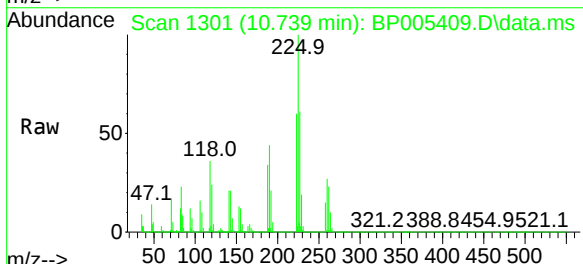
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

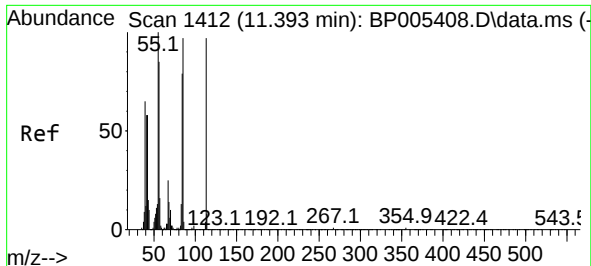
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:127 | Resp: | 92507      |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 29.2  | 25.5 38.3  |
| 65          | 48.2  | 30.0 45.0# |
| 92          | 26.0  | 20.2 30.2  |



#34  
Hexachlorobutadiene  
Concen: 51.07 ng  
RT: 10.739 min Scan# 1301  
Delta R.T. -0.006 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 90290     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 59.7  | 51.1 76.7 |
| 227         | 60.7  | 50.2 75.2 |

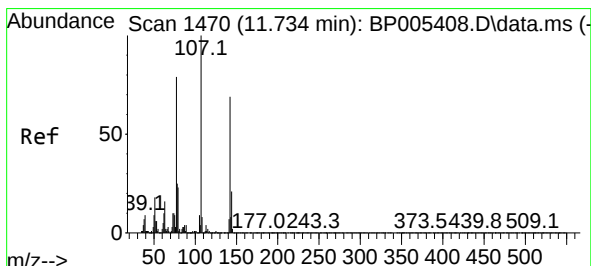
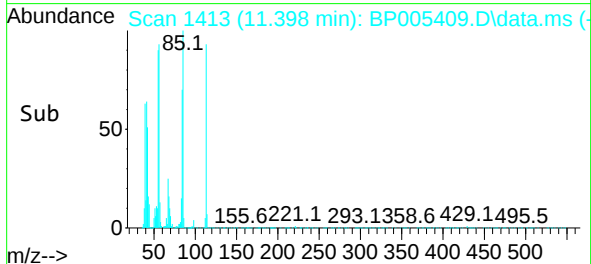
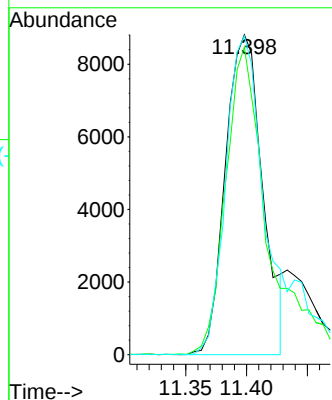
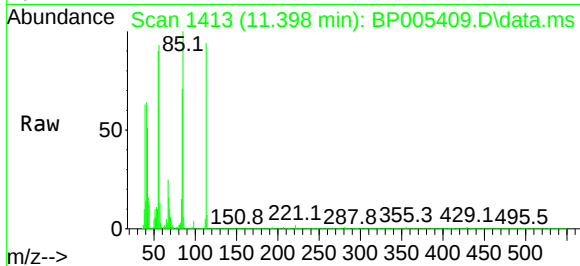




#35  
Caprolactam  
Concen: 44.24 ng  
RT: 11.398 min Scan# 1413  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

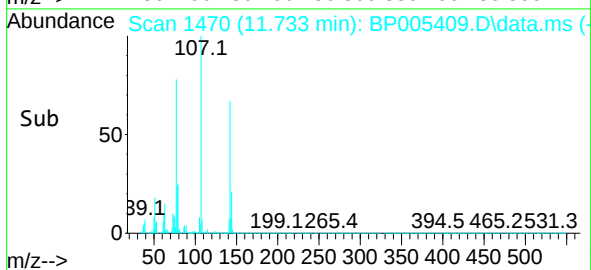
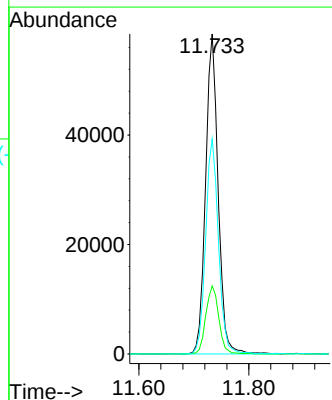
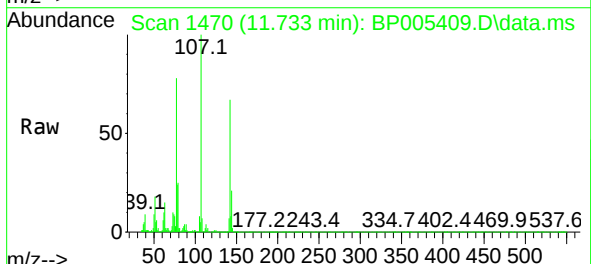
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

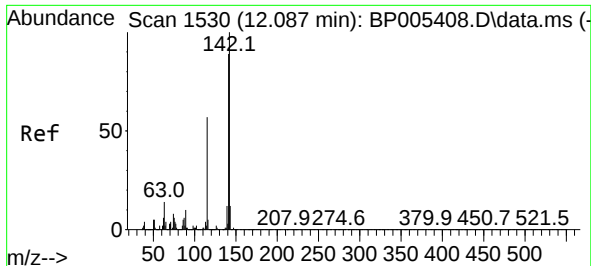
Tgt Ion:113 Resp: 18713  
Ion Ratio Lower Upper  
113 100  
55 96.2 72.0 112.0  
56 99.6 65.1 105.1



#36  
4-Chloro-3-methylphenol  
Concen: 56.50 ng  
RT: 11.733 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:107 Resp: 92431  
Ion Ratio Lower Upper  
107 100  
144 21.2 20.1 30.1  
142 67.2 62.2 93.4

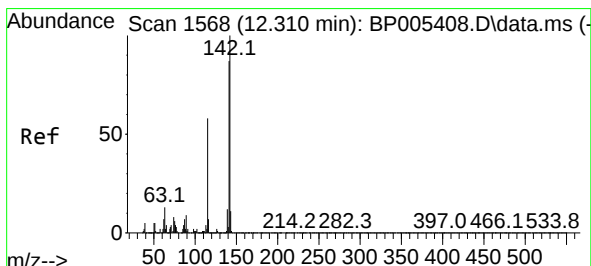
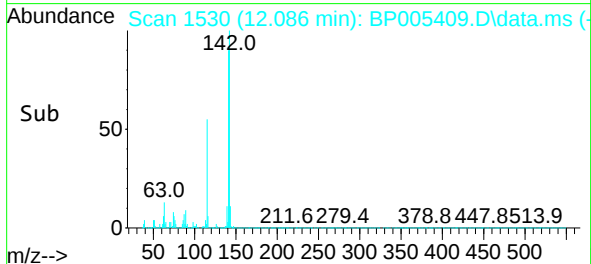
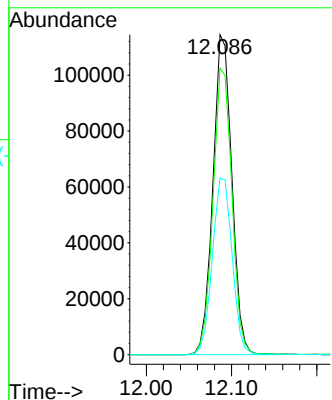
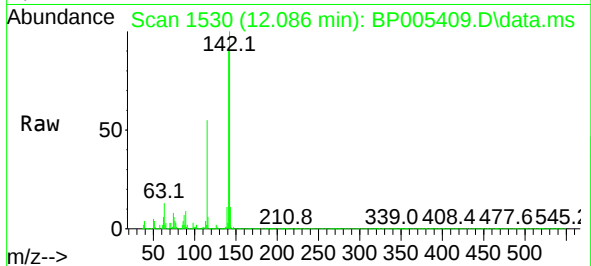




#37  
2-Methylnaphthalene  
Concen: 54.10 ng  
RT: 12.086 min Scan# 1530  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

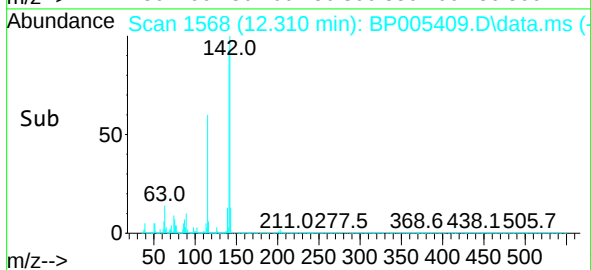
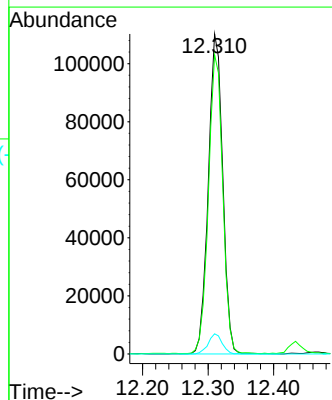
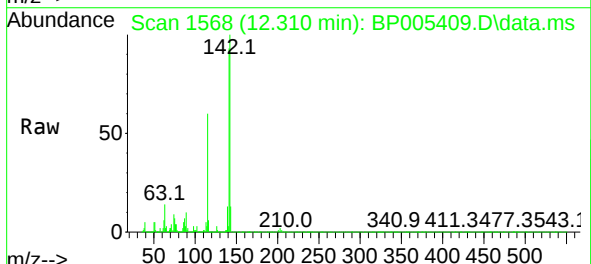
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

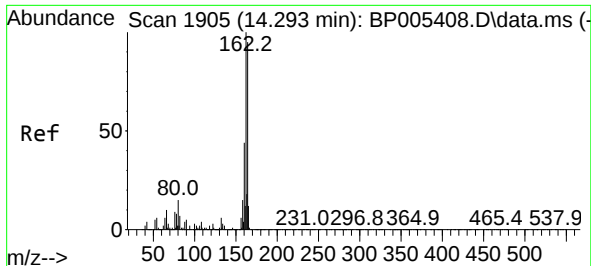
Tgt Ion:142 Resp: 177551  
Ion Ratio Lower Upper  
142 100  
141 89.6 74.7 112.1  
115 55.2 43.8 65.8



#38  
1-Methylnaphthalene  
Concen: 53.74 ng  
RT: 12.310 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:142 Resp: 168507  
Ion Ratio Lower Upper  
142 100  
141 93.5 77.0 115.6  
116 6.3 5.0 7.6

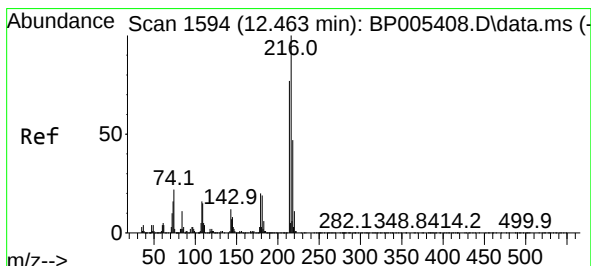
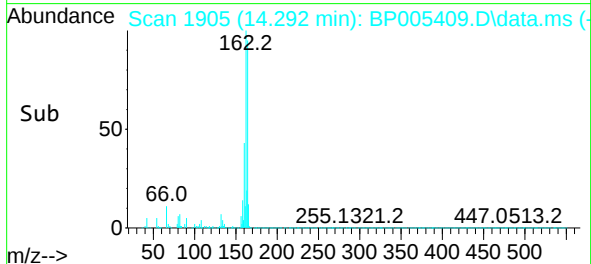
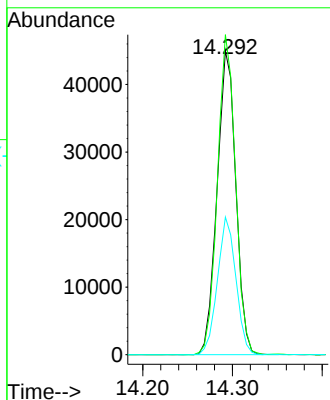
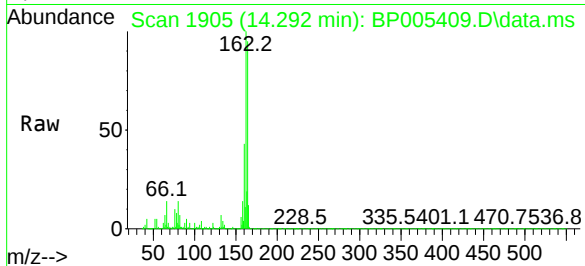




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.292 min Scan# 1905  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

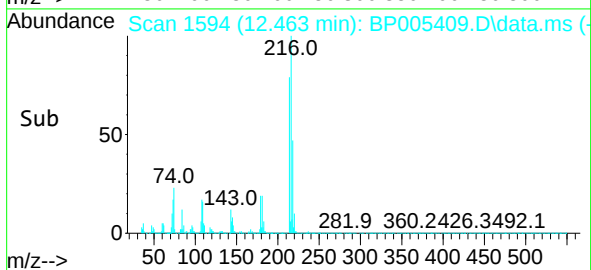
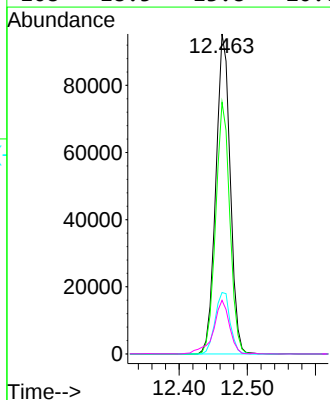
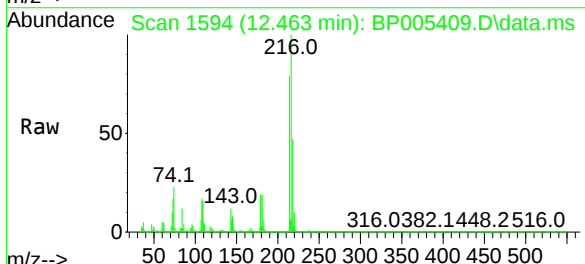
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BNA\_P  
ClientSampleId :  
SSTDICC050

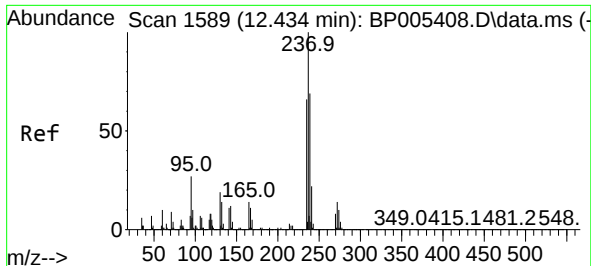
Tgt Ion:164 Resp: 65254  
Ion Ratio Lower Upper  
164 100  
162 105.3 73.5 110.3  
160 45.3 40.6 61.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.12 ng  
RT: 12.463 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:216 Resp: 139532  
Ion Ratio Lower Upper  
216 100  
214 77.6 60.6 91.0  
179 20.1 15.3 22.9  
108 18.5 13.8 20.6

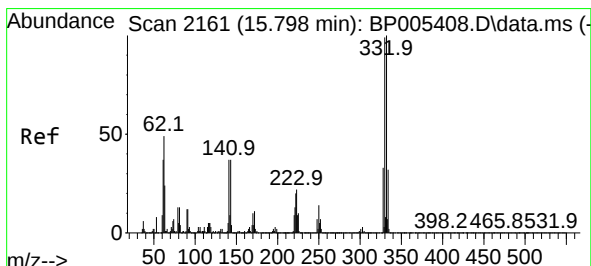
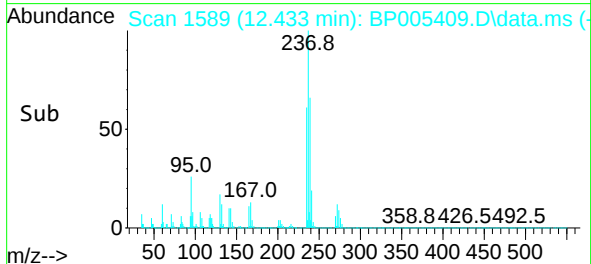
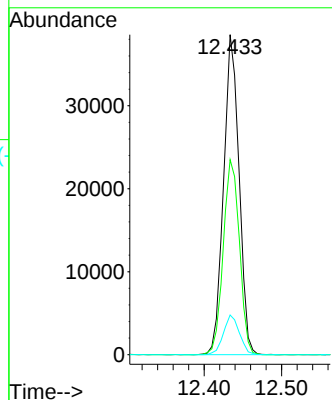
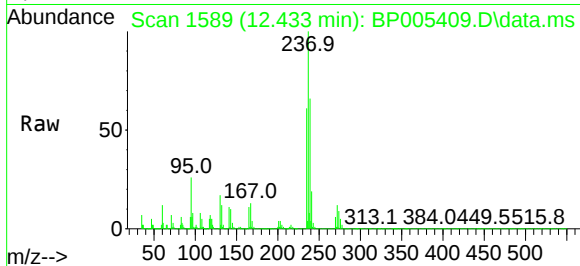




#41  
Hexachlorocyclopentadiene  
Concen: 58.11 ng  
RT: 12.433 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

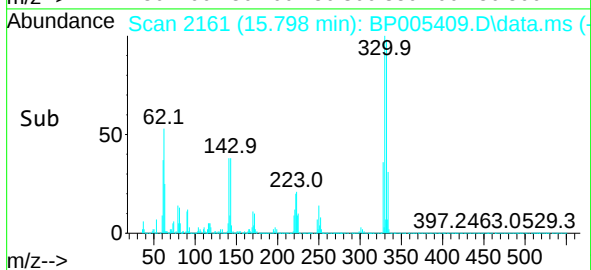
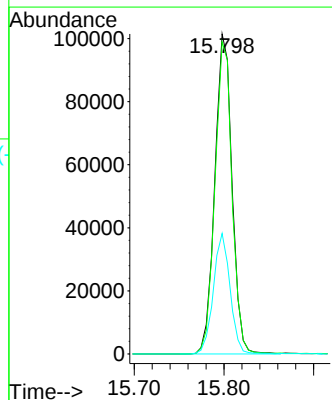
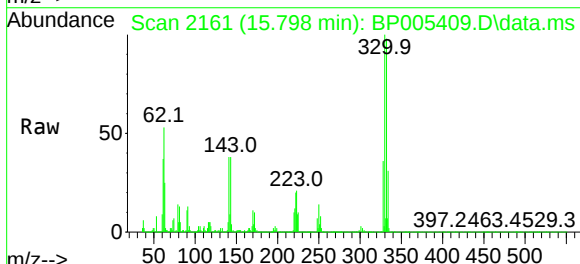
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

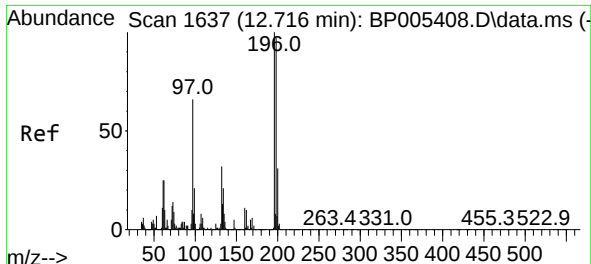
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 60.9  | 40.9  | 80.9  |
| 272     | 12.4  | 0.0   | 34.6  |



#42  
2,4,6-Tribromophenol  
Concen: 108.08 ng  
RT: 15.798 min Scan# 2161  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 76.3  | 114.5 |
| 141     | 36.7  | 22.8  | 34.2  |

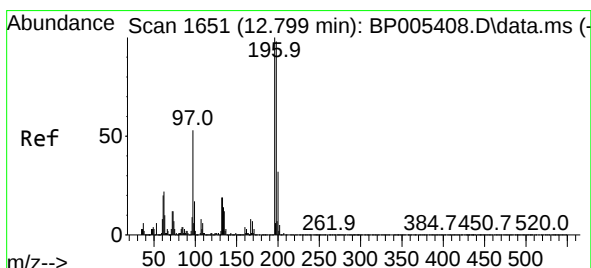
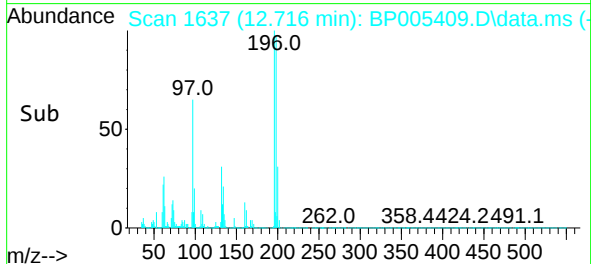
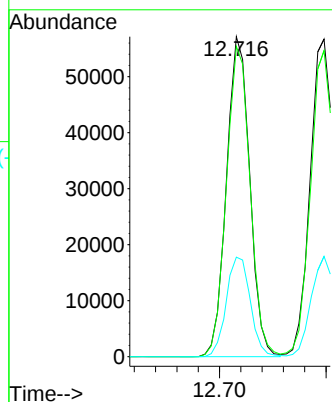
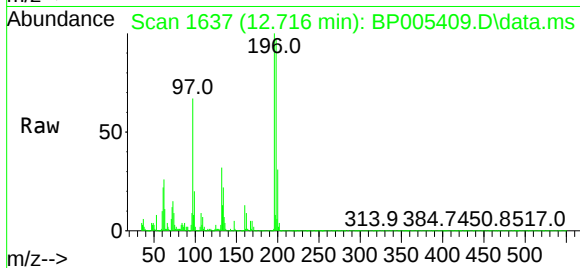




#43  
2,4,6-Trichlorophenol  
Concen: 56.30 ng  
RT: 12.716 min Scan# 1637  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

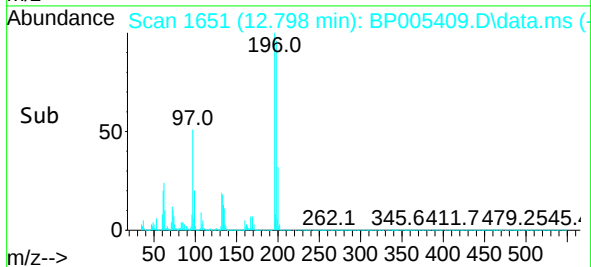
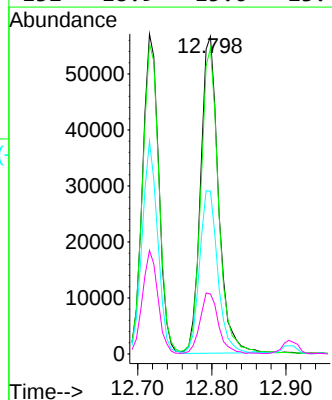
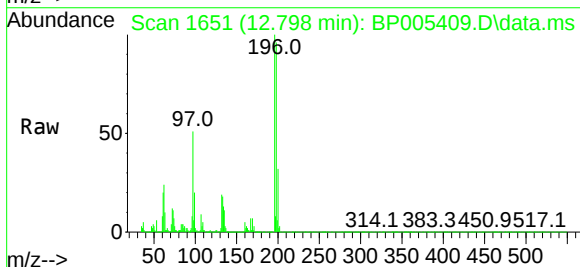
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

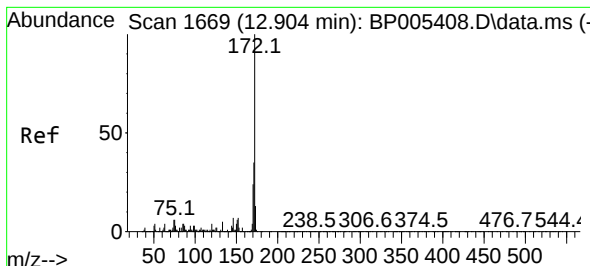
Tgt Ion:196 Resp: 86636  
Ion Ratio Lower Upper  
196 100  
198 97.0 81.4 122.2  
200 31.1 28.2 42.2



#44  
2,4,5-Trichlorophenol  
Concen: 56.23 ng  
RT: 12.798 min Scan# 1651  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:196 Resp: 94461  
Ion Ratio Lower Upper  
196 100  
198 96.4 71.0 106.4  
97 51.2 38.5 57.7  
132 18.9 15.6 23.4

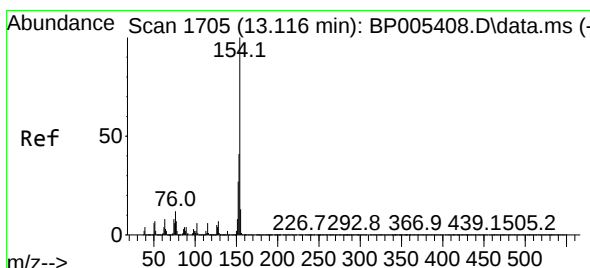
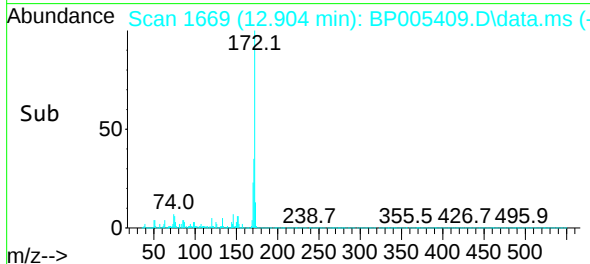
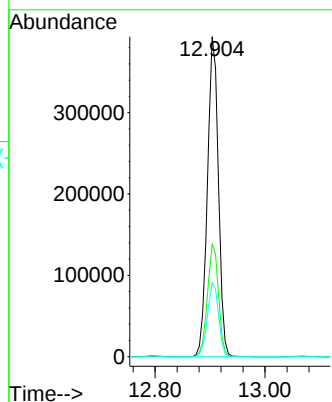
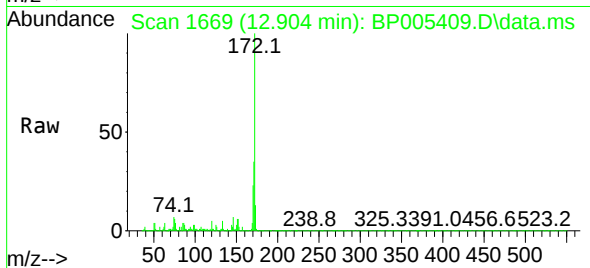




#45  
2-Fluorobiphenyl  
Concen: 107.74 ng  
RT: 12.904 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

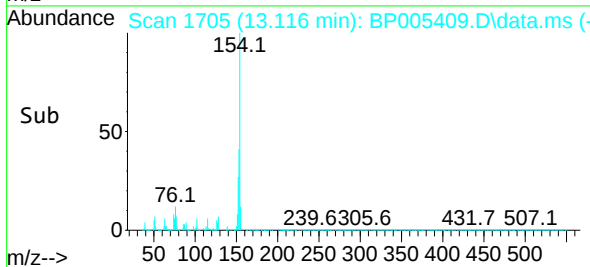
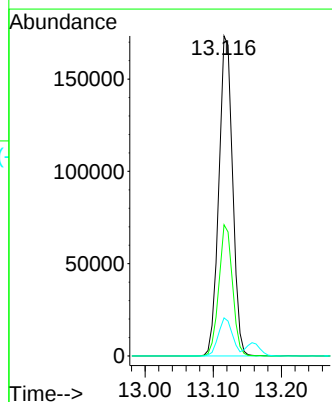
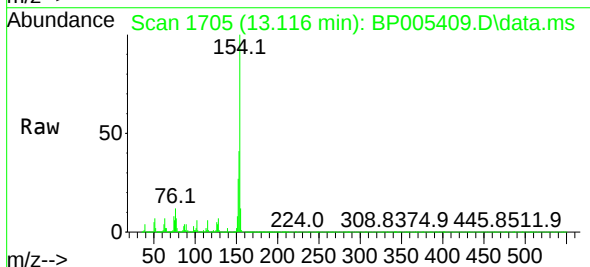
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

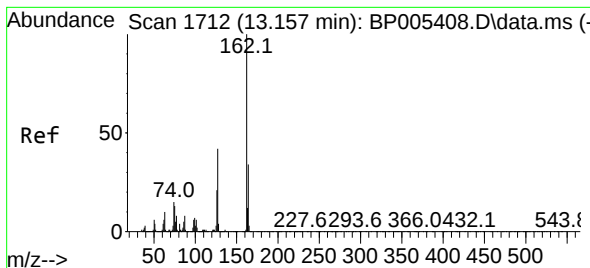
Tgt Ion:172 Resp: 543130  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.1 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 52.49 ng  
RT: 13.116 min Scan# 1705  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:154 Resp: 243779  
Ion Ratio Lower Upper  
154 100  
153 41.0 18.9 58.9  
76 11.9 0.0 32.1

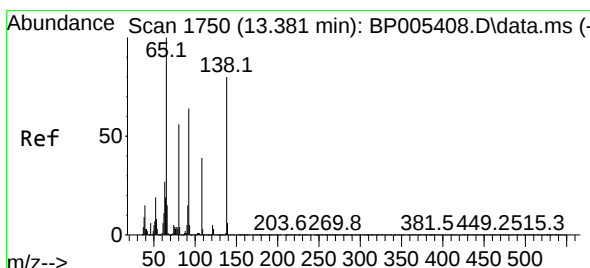
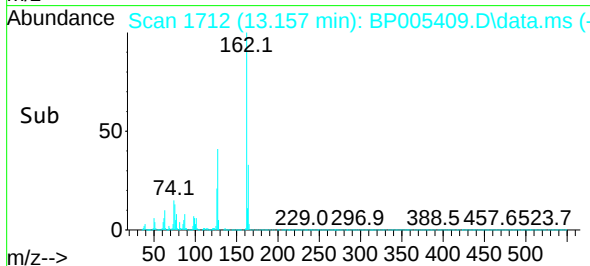
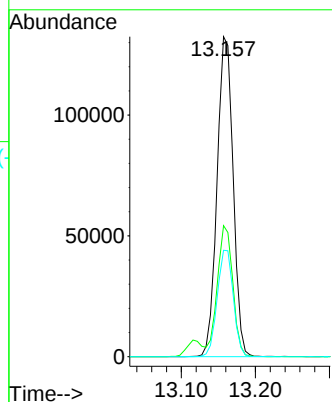
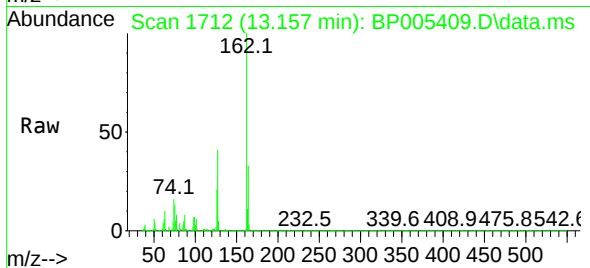




#47  
2-Chloronaphthalene  
Concen: 52.22 ng  
RT: 13.157 min Scan# 1712  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

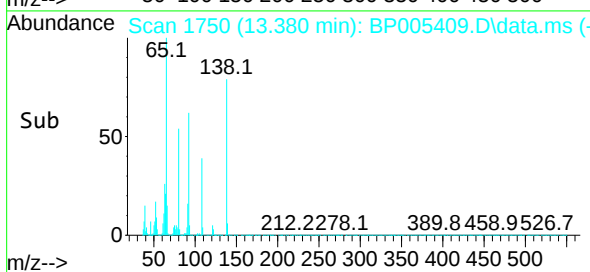
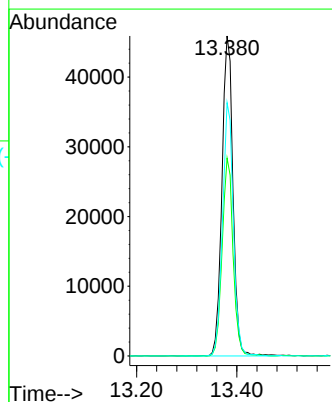
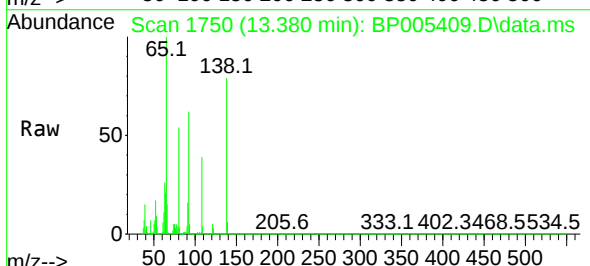
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

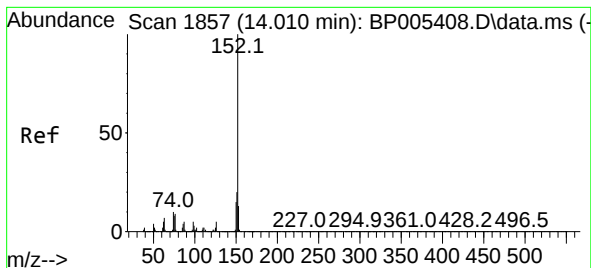
Tgt Ion:162 Resp: 199704  
Ion Ratio Lower Upper  
162 100  
127 41.0 31.4 47.0  
164 33.3 26.6 39.8



#48  
2-Nitroaniline  
Concen: 66.72 ng  
RT: 13.380 min Scan# 1750  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion: 65 Resp: 70047  
Ion Ratio Lower Upper  
65 100  
92 61.9 48.8 73.2  
138 79.1 69.5 104.3





#49

Acenaphthylene

Concen: 53.53 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.005 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

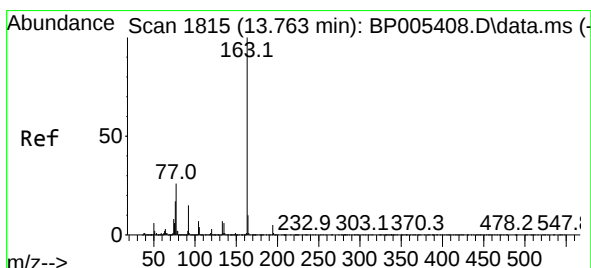
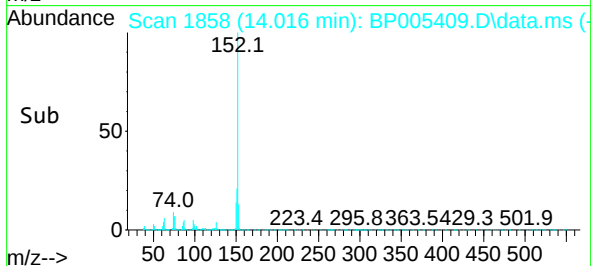
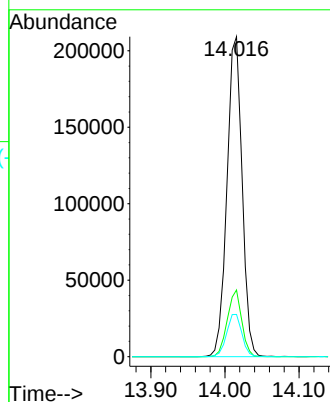
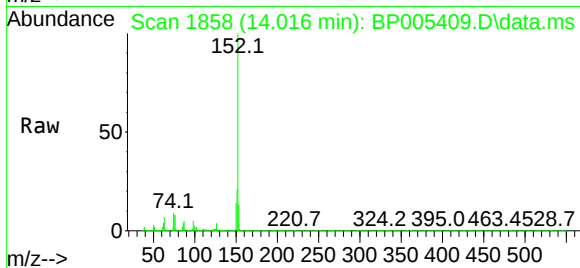
Tgt Ion:152 Resp: 296241

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 55.72 ng

RT: 13.763 min Scan# 1815

Delta R.T. -0.001 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

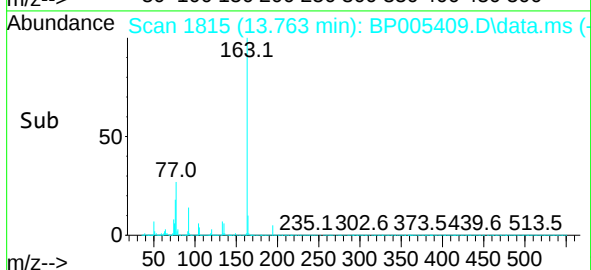
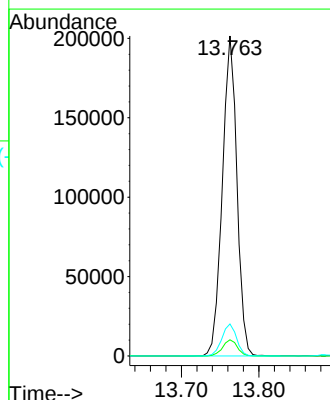
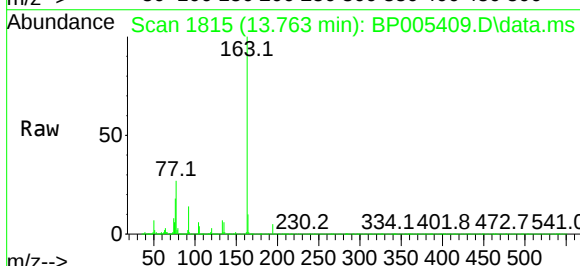
Tgt Ion:163 Resp: 263896

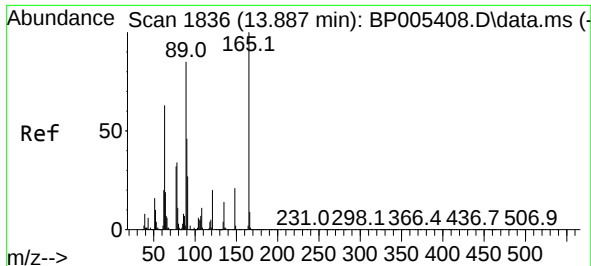
Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

164 10.0 8.1 12.1

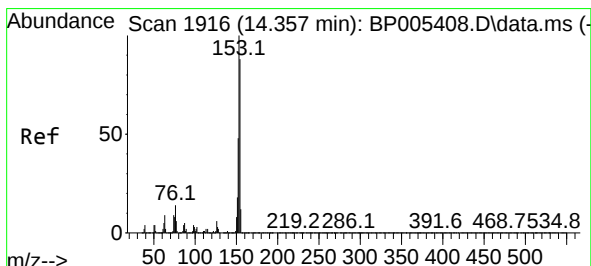
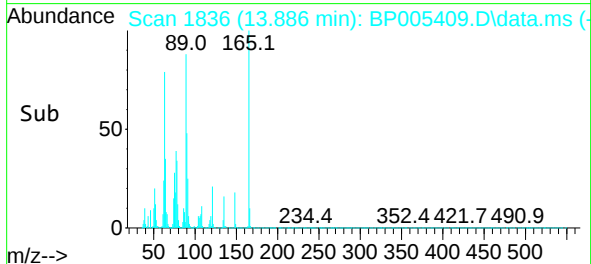
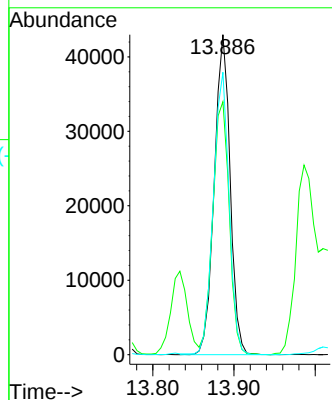
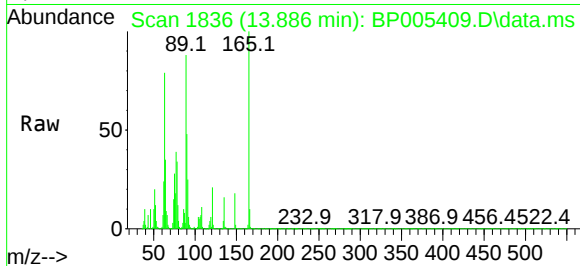




#51  
2,6-Dinitrotoluene  
Concen: 56.41 ng  
RT: 13.886 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

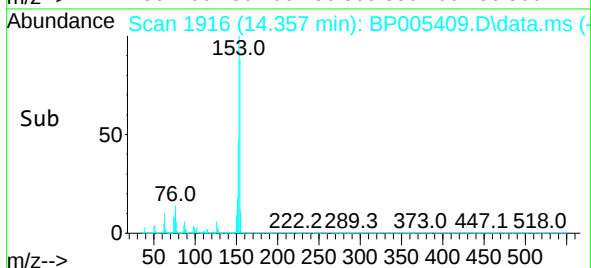
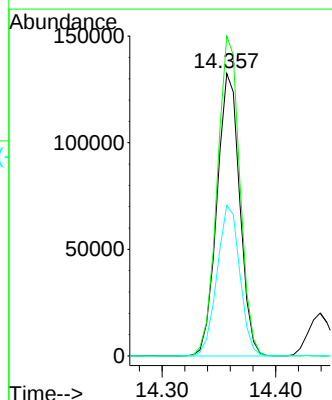
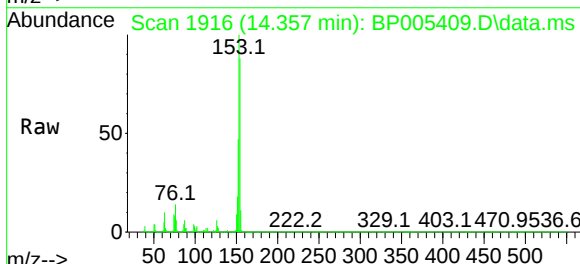
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

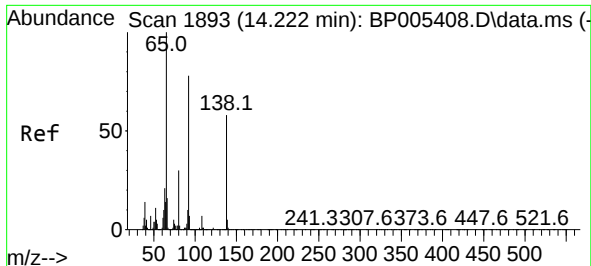
Tgt Ion:165 Resp: 58273  
Ion Ratio Lower Upper  
165 100  
63 79.0 67.4 101.0  
89 88.2 73.8 110.6



#52  
Acenaphthene  
Concen: 52.89 ng  
RT: 14.357 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:154 Resp: 184668  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.9 136.3  
152 53.3 48.5 72.7

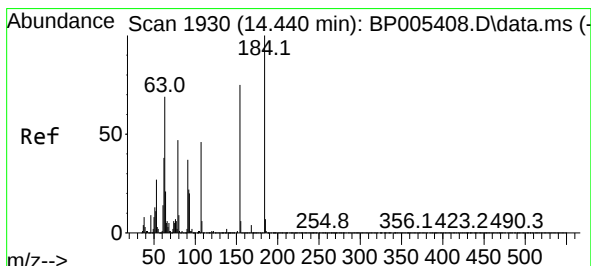
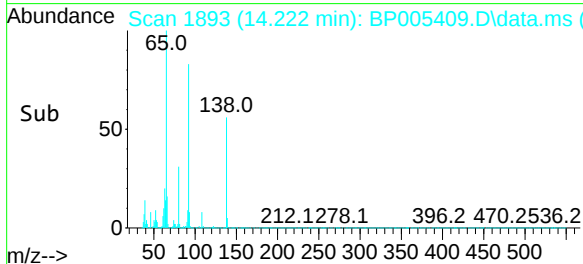
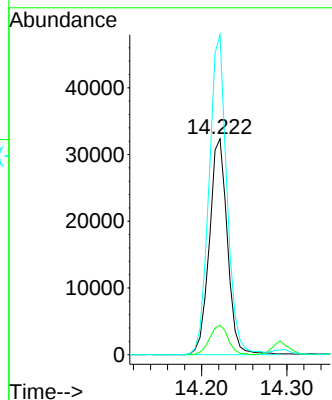
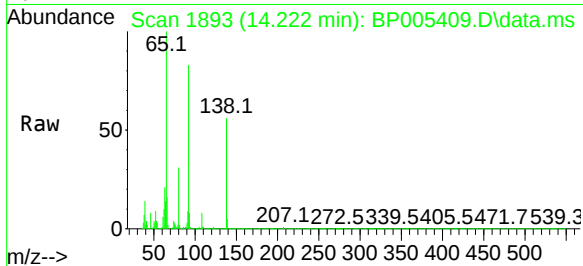




#53  
3-Nitroaniline  
Concen: 55.51 ng  
RT: 14.222 min Scan# 1893  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

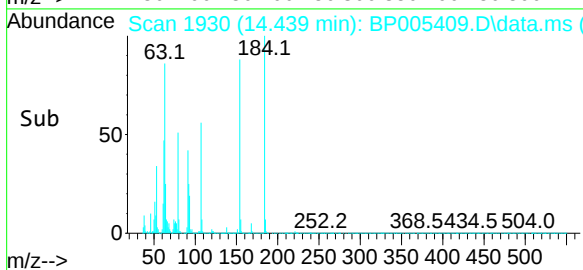
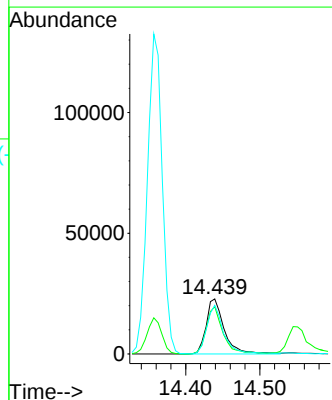
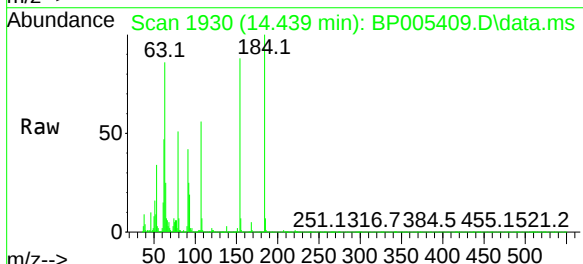
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

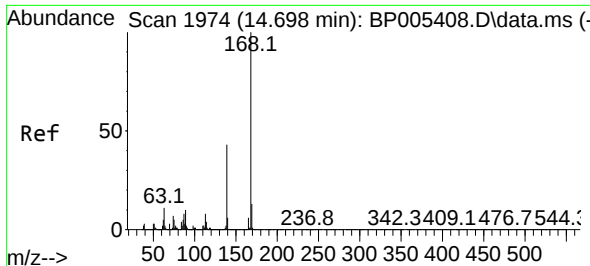
Tgt Ion:138 Resp: 47411  
Ion Ratio Lower Upper  
138 100  
108 13.6 10.2 15.4  
92 148.2 108.1 162.1



#54  
2,4-Dinitrophenol  
Concen: 65.40 ng  
RT: 14.439 min Scan# 1930  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:184 Resp: 38501  
Ion Ratio Lower Upper  
184 100  
63 86.0 51.2 76.8#  
154 88.2 55.8 83.8#

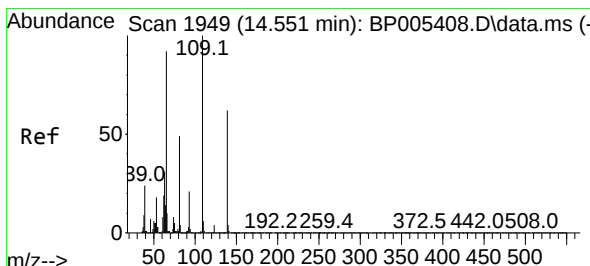
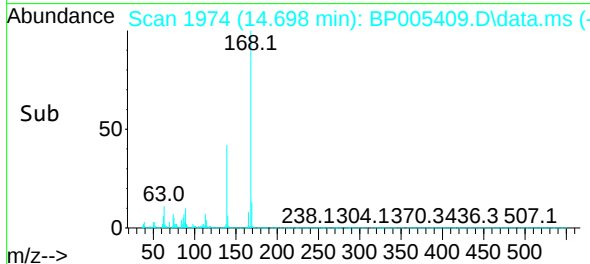
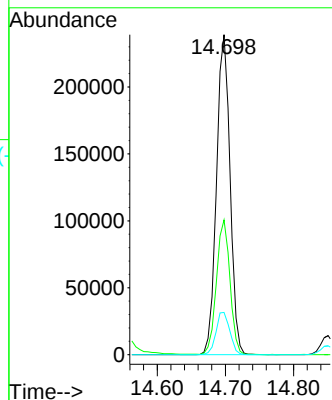
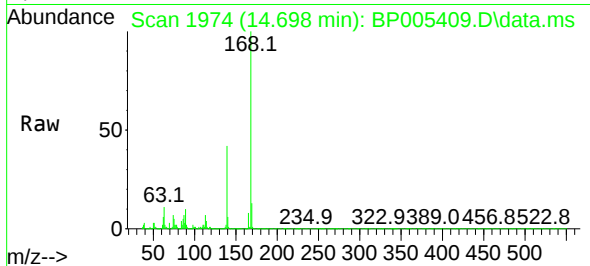




#55  
Dibenzenofuran  
Concen: 52.81 ng  
RT: 14.698 min Scan# 1974  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

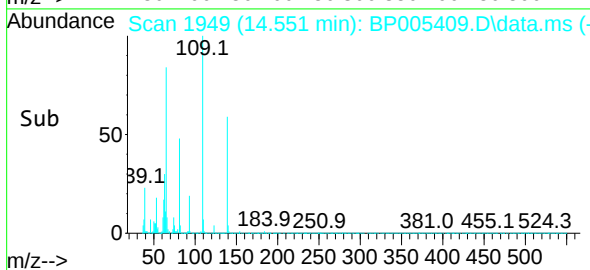
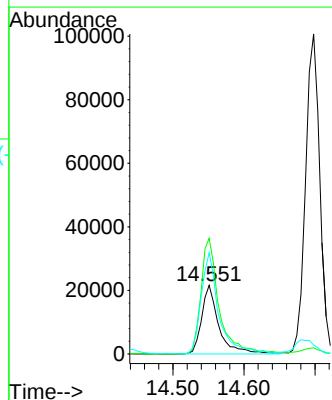
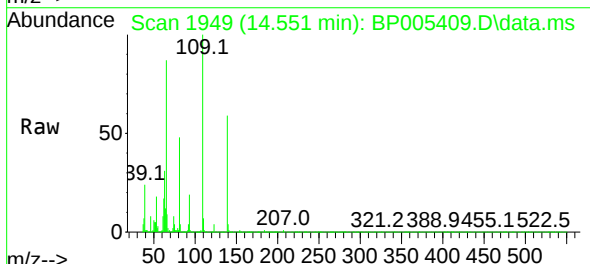
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

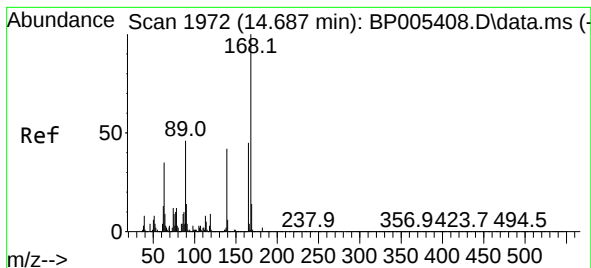
Tgt Ion:168 Resp: 330258  
Ion Ratio Lower Upper  
168 100  
139 42.1 31.4 47.0  
169 13.2 11.4 17.0



#56  
4-Nitrophenol  
Concen: 53.85 ng  
RT: 14.551 min Scan# 1949  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:139 Resp: 36611  
Ion Ratio Lower Upper  
139 100  
109 168.6 122.8 162.8#  
65 147.5 110.0 150.0

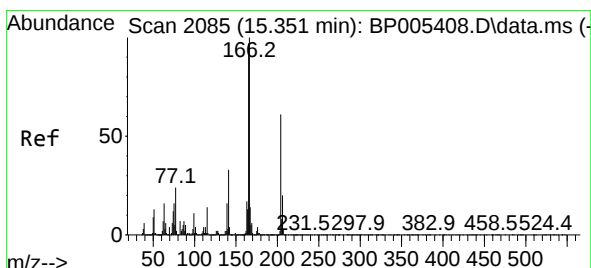
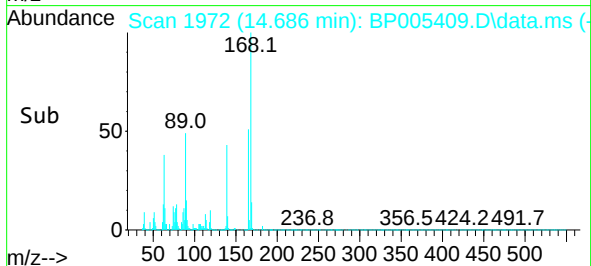
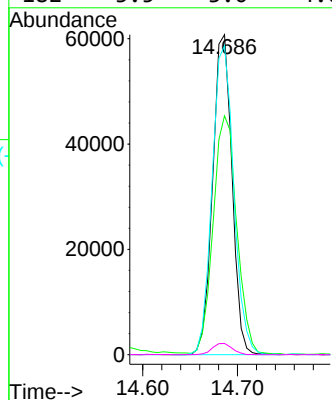
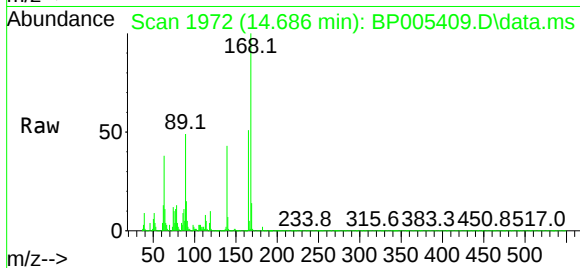




#57  
2,4-Dinitrotoluene  
Concen: 59.61 ng  
RT: 14.686 min Scan# 1972  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

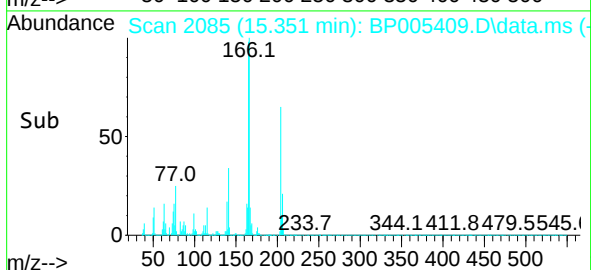
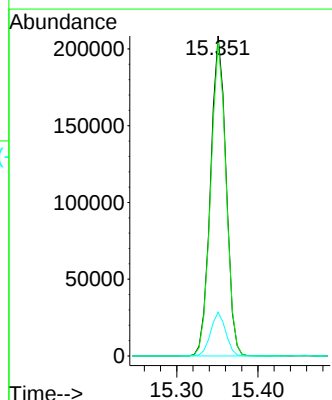
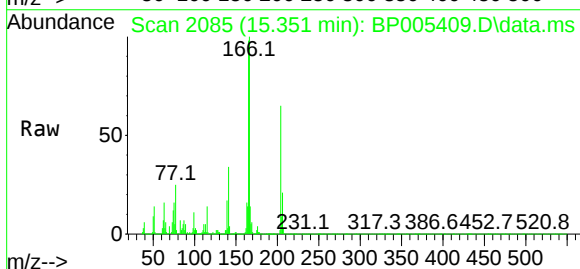
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

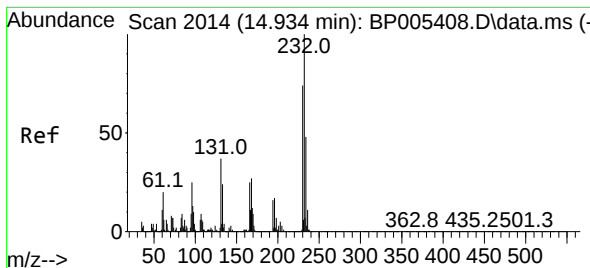
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 86143 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 74.7  | 56.7  | 85.1  |
| 89        | 96.6  | 85.8  | 128.6 |
| 182       | 3.5   | 3.0   | 4.6   |



#58  
Fluorene  
Concen: 55.14 ng  
RT: 15.351 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 276718 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.9  | 78.8  | 118.2  |
| 167       | 13.7  | 10.9  | 16.3   |

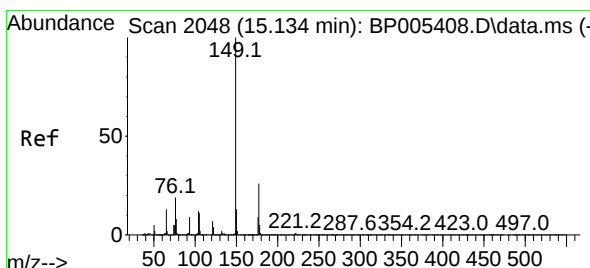
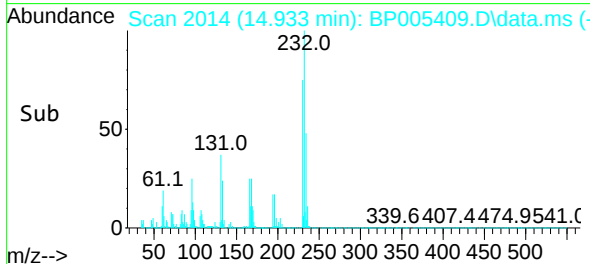
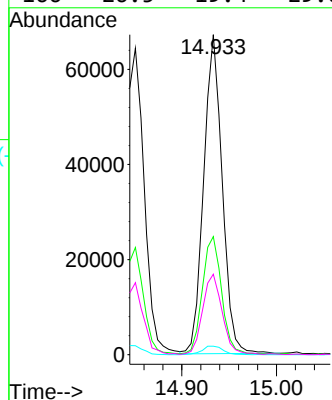
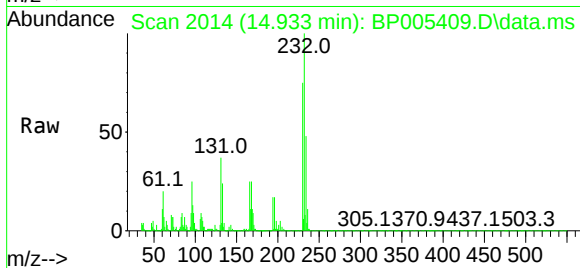




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.23 ng  
RT: 14.933 min Scan# 2014  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

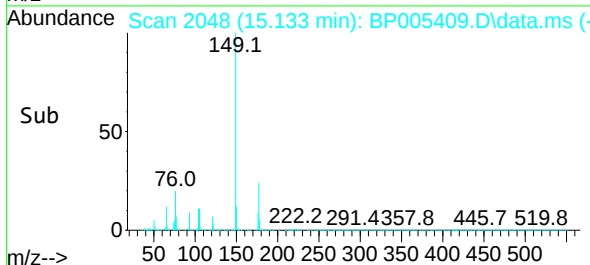
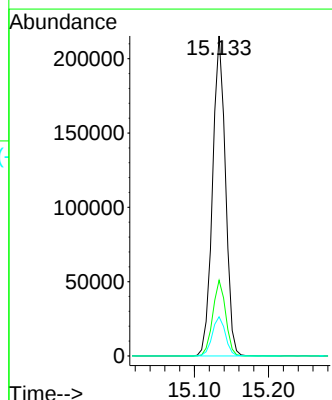
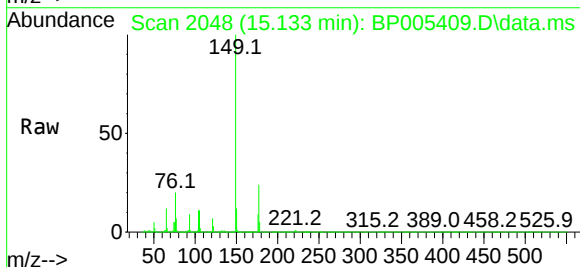
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

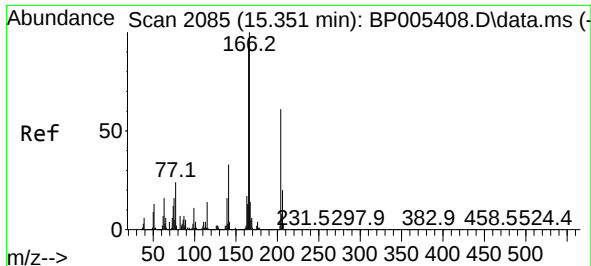
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 91318     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 37.9  | 26.5 39.7 |
| 130         | 3.1   | 2.1 3.1   |
| 166         | 26.5  | 19.4 29.0 |



#60  
Diethylphthalate  
Concen: 58.09 ng  
RT: 15.133 min Scan# 2048  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 259659    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.7  | 19.2 28.8 |
| 150         | 12.3  | 9.9 14.9  |

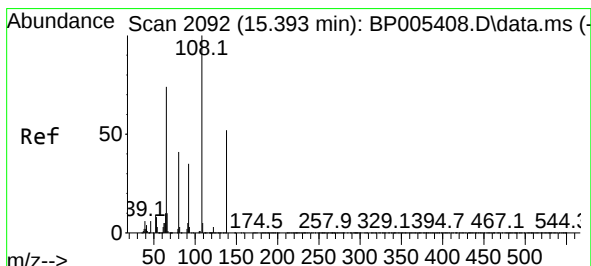
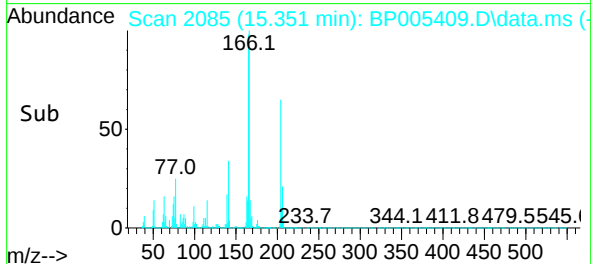
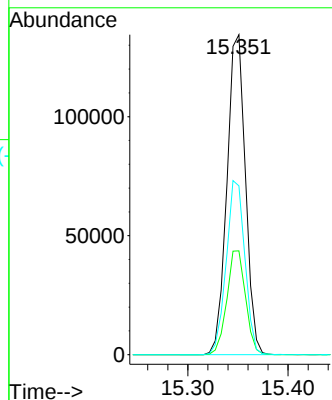
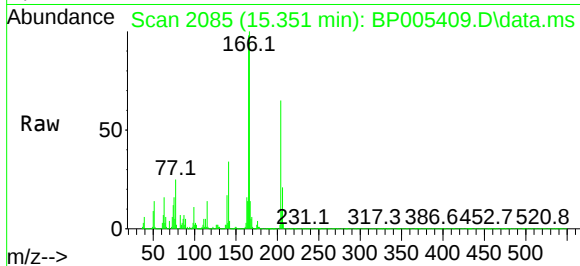




#61  
4-Chlorophenyl-phenylether  
Concen: 53.51 ng  
RT: 15.351 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

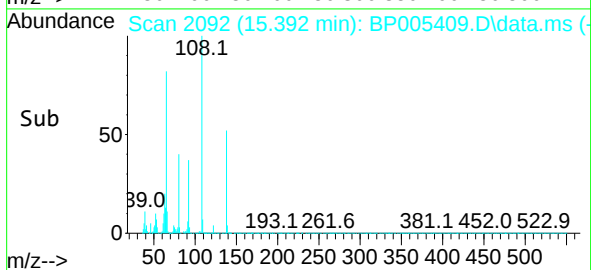
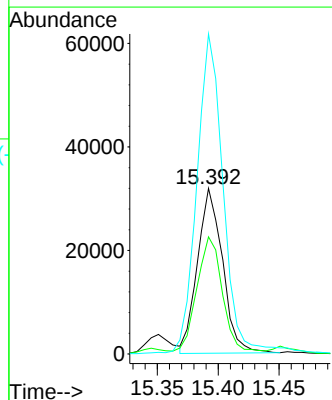
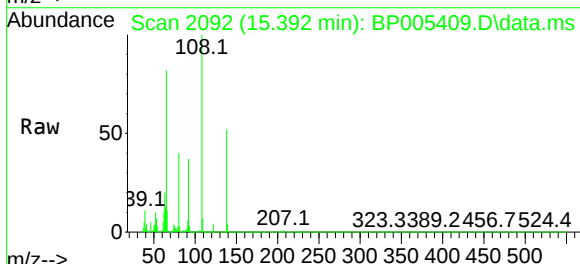
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

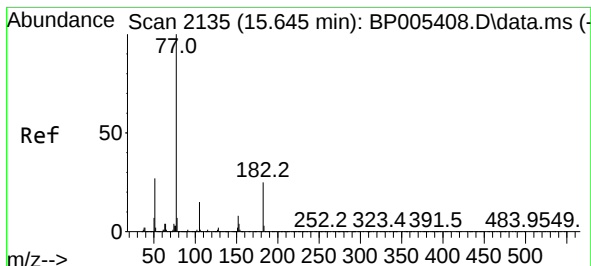
Tgt Ion:204 Resp: 172286  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.0 39.0  
141 52.8 44.2 66.2



#62  
4-Nitroaniline  
Concen: 56.94 ng  
RT: 15.392 min Scan# 2092  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:138 Resp: 45630  
Ion Ratio Lower Upper  
138 100  
92 70.7 50.9 90.9  
108 193.3 154.7 194.7

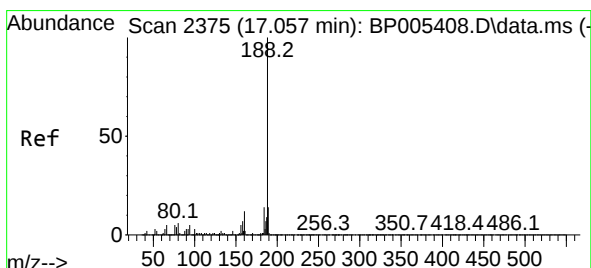
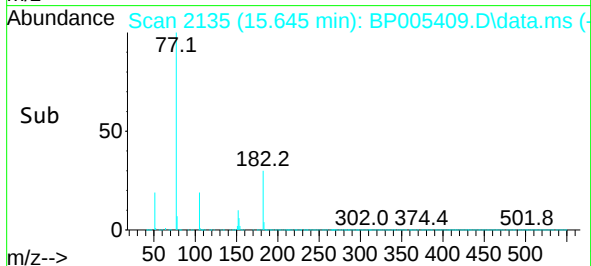
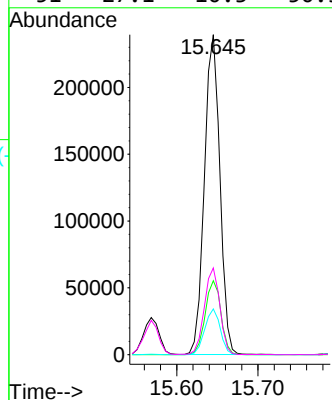
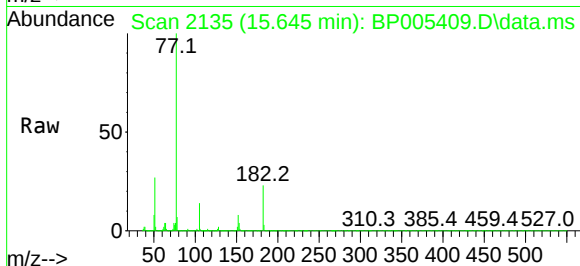




#63  
Azobenzene  
Concen: 60.76 ng  
RT: 15.645 min Scan# 2135  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

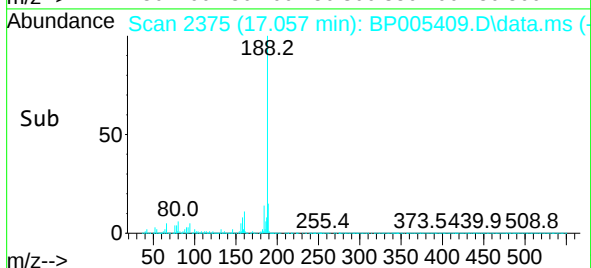
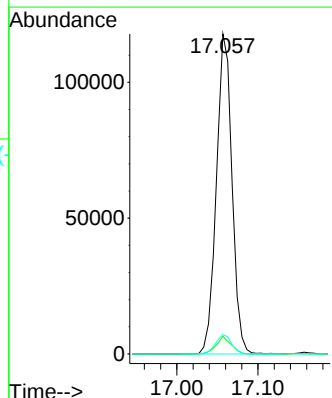
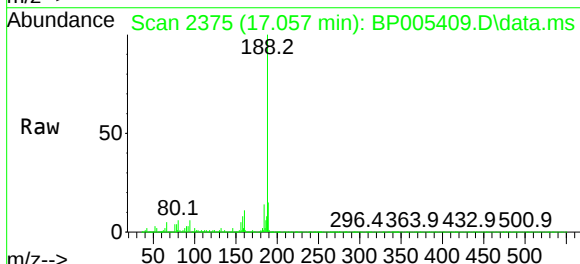
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

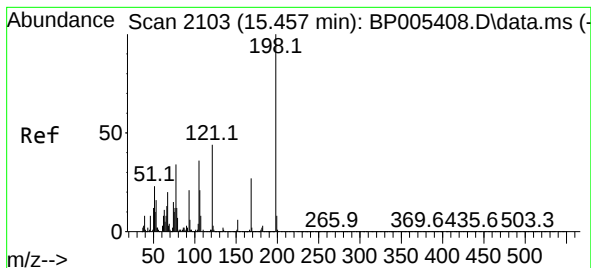
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 316508 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.1    | 5.5 45.5     |
| 105 14.3    | 0.0 36.5     |
| 51 27.1     | 10.3 50.3    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.057 min Scan# 2375  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 157460 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 5.5      | 5.0 7.6      |
| 80 6.1      | 5.9 8.9      |

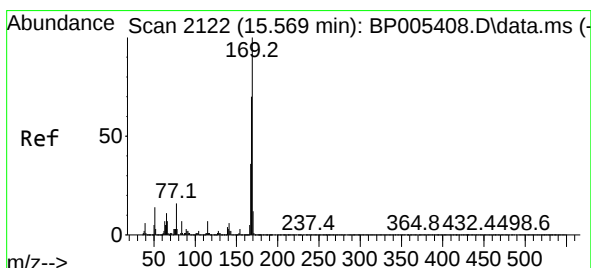
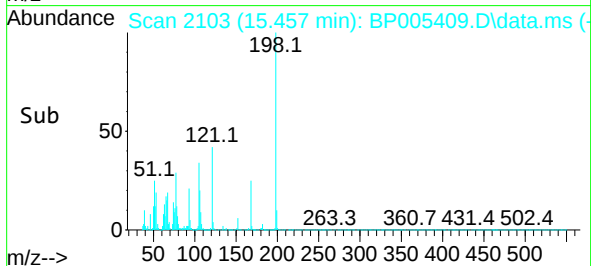
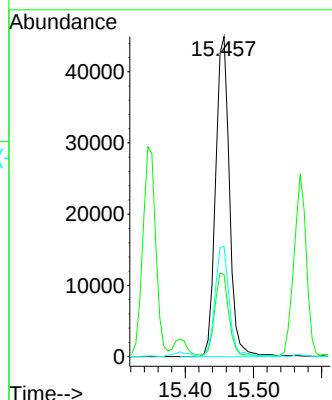
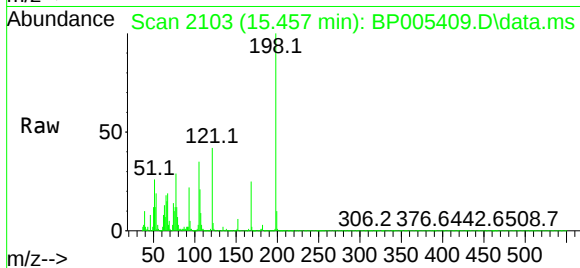




#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.45 ng  
RT: 15.457 min Scan# 2103  
Delta R.T. -0.001 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

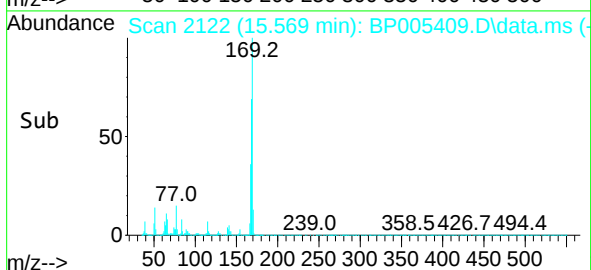
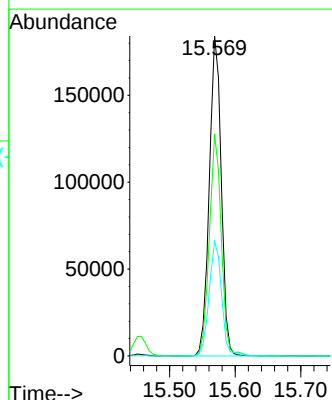
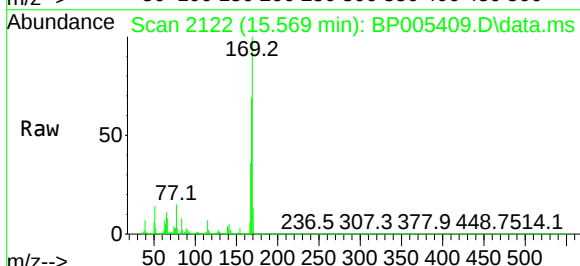
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

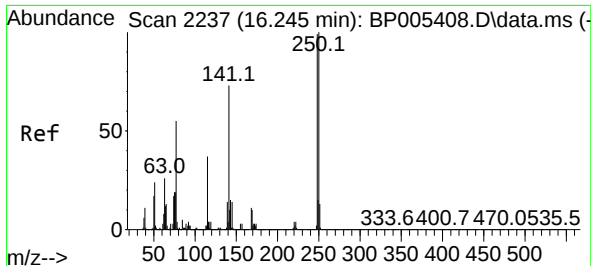
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 25.7  | 10.3  | 50.3  |
| 105     | 34.5  | 13.6  | 53.6  |



#66  
n-Nitrosodiphenylamine  
Concen: 54.36 ng  
RT: 15.569 min Scan# 2122  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.3  | 55.2  | 82.8  |
| 167     | 35.8  | 36.6  | 54.8# |

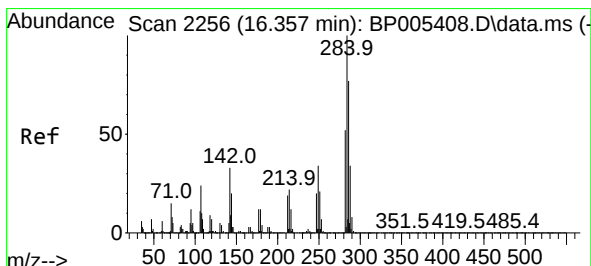
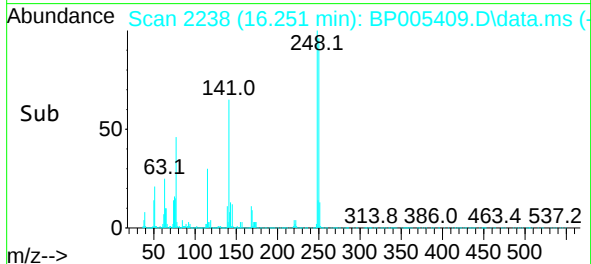
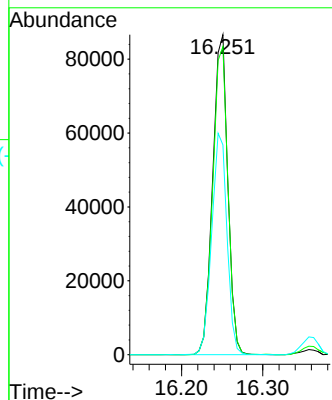
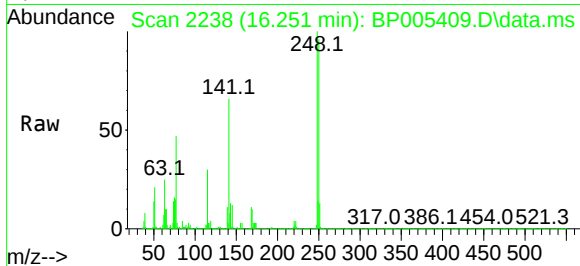




#67  
4-Bromophenyl-phenylether  
Concen: 51.97 ng  
RT: 16.251 min Scan# 2238  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

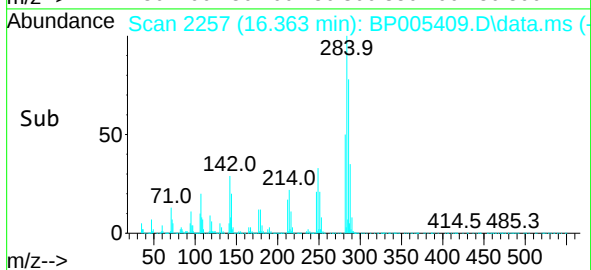
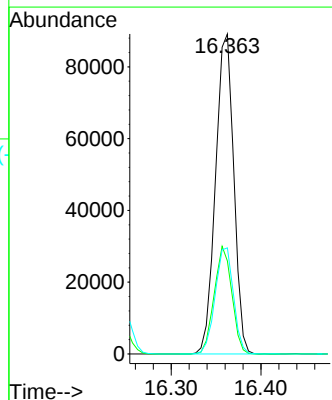
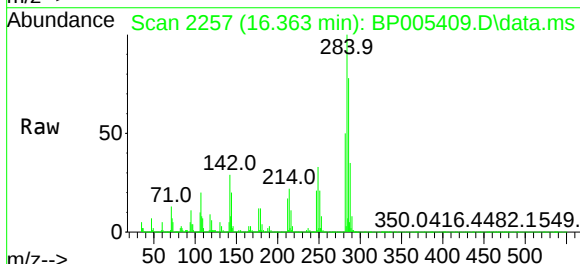
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

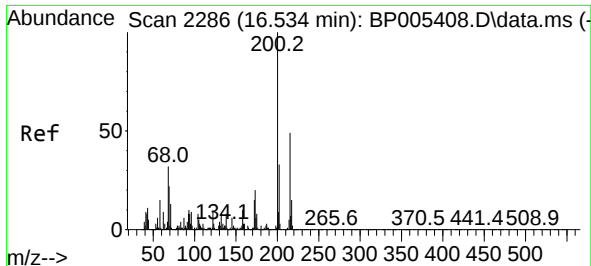
Tgt Ion:248 Resp: 111819  
Ion Ratio Lower Upper  
248 100  
250 96.3 77.5 116.3  
141 65.6 50.1 75.1



#68  
Hexachlorobenzene  
Concen: 49.75 ng  
RT: 16.363 min Scan# 2257  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:284 Resp: 125519  
Ion Ratio Lower Upper  
284 100  
142 29.0 20.8 31.2  
249 33.1 23.7 35.5

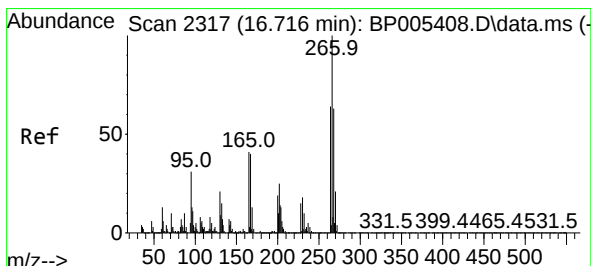
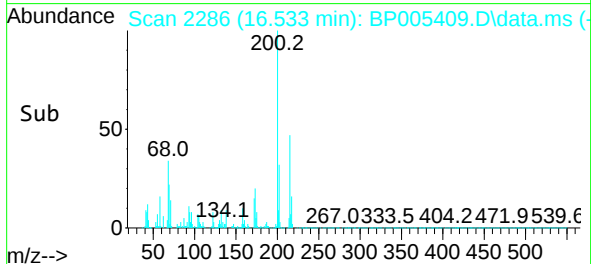
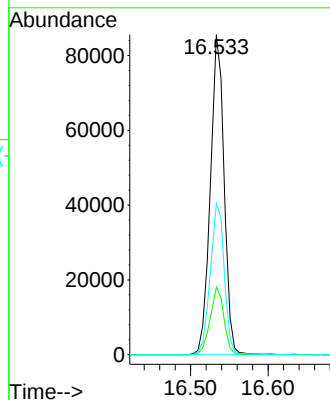
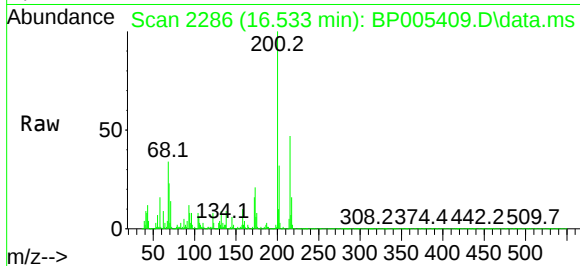




#69  
Atrazine  
Concen: 58.71 ng  
RT: 16.533 min Scan# 2286  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

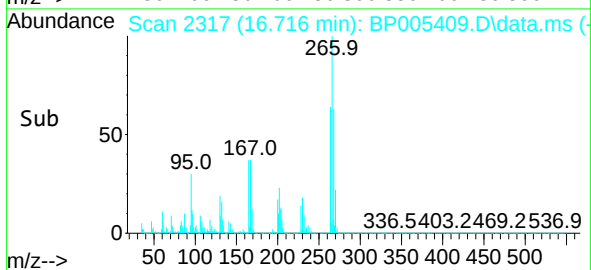
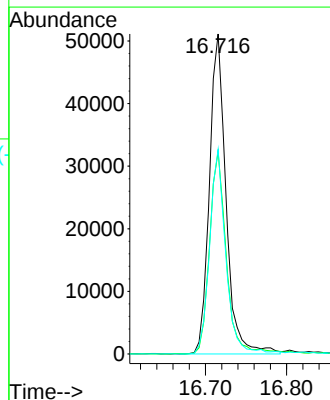
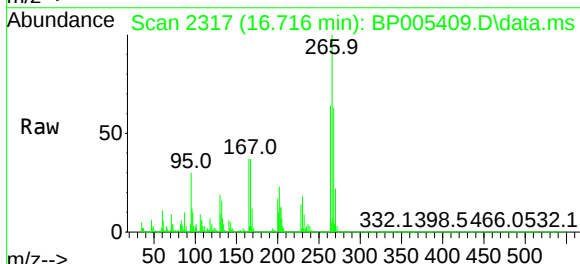
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

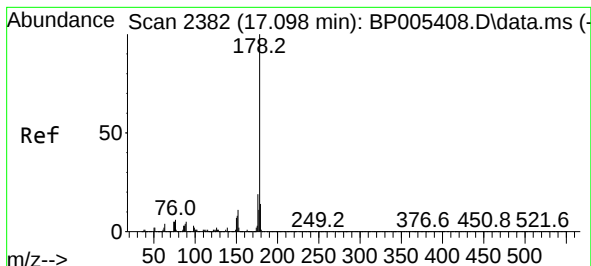
Tgt Ion:200 Resp: 105437  
Ion Ratio Lower Upper  
200 100  
173 21.1 0.7 40.7  
215 47.3 29.0 69.0



#70  
Pentachlorophenol  
Concen: 53.52 ng  
RT: 16.716 min Scan# 2317  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:266 Resp: 72606  
Ion Ratio Lower Upper  
266 100  
268 63.2 49.4 74.0  
264 63.9 53.7 80.5





#71

Phenanthrene

Concen: 51.87 ng

RT: 17.104 min Scan# 2383

Delta R.T. 0.005 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

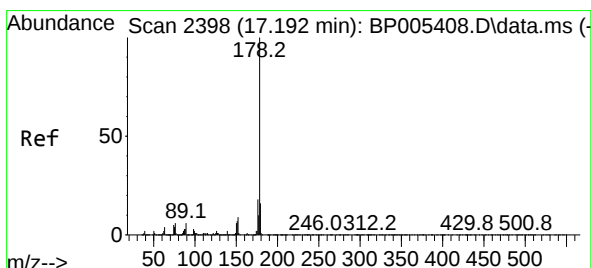
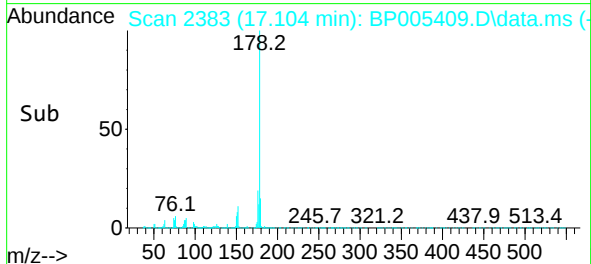
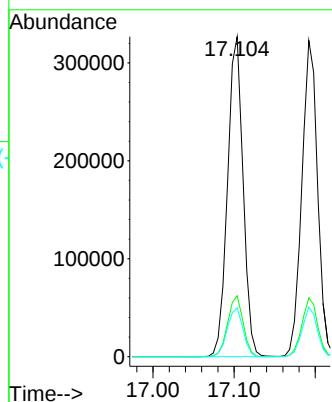
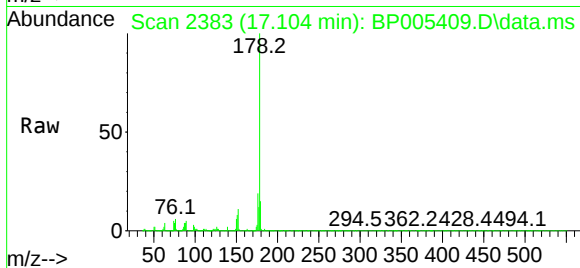
Instrument :

BNA\_P

ClientSampleId :

SSTDIC050

|             |                |
|-------------|----------------|
| Tgt Ion:178 | Resp: 435321   |
| Ion Ratio   | Lower Upper    |
| 178         | 100            |
| 176         | 19.1 15.4 23.2 |
| 179         | 15.3 12.3 18.5 |



#72

Anthracene

Concen: 53.07 ng

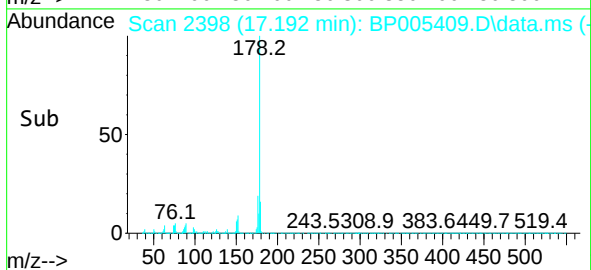
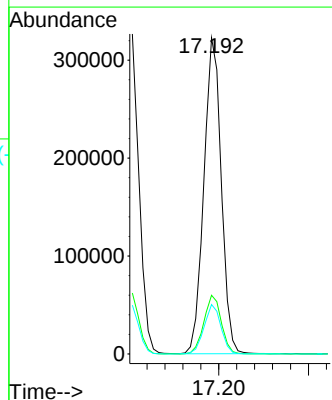
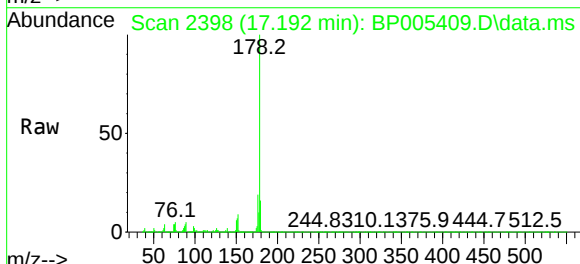
RT: 17.192 min Scan# 2398

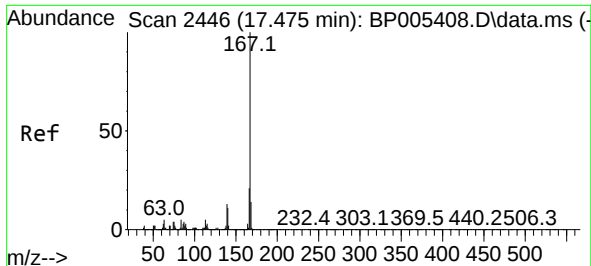
Delta R.T. -0.001 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

|             |                |
|-------------|----------------|
| Tgt Ion:178 | Resp: 433758   |
| Ion Ratio   | Lower Upper    |
| 178         | 100            |
| 176         | 18.6 15.2 22.8 |
| 179         | 15.6 12.6 19.0 |

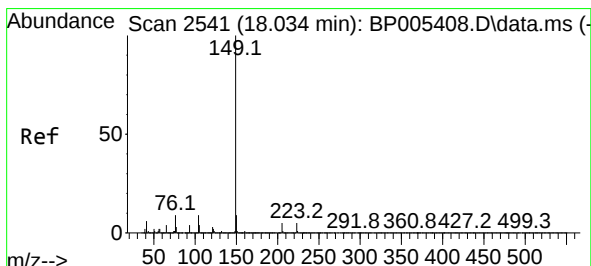
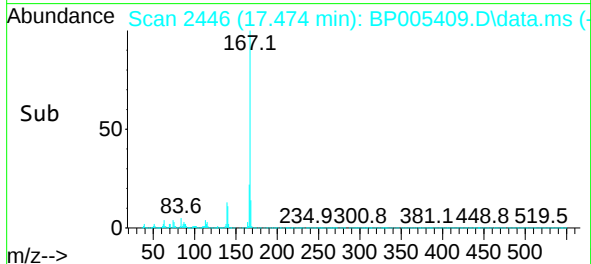
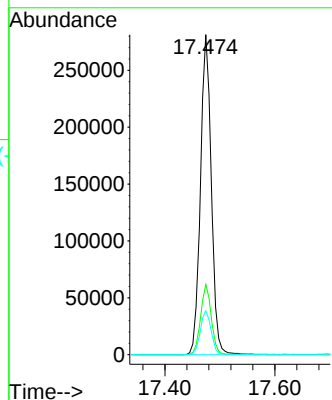
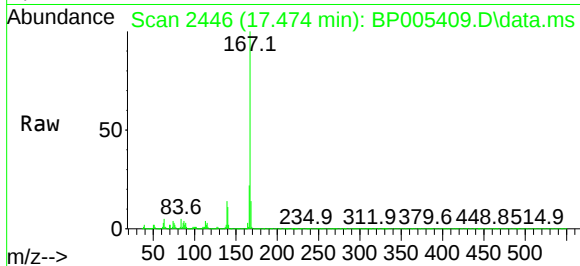




#73  
 Carbazole  
 Concen: 52.69 ng  
 RT: 17.474 min Scan# 2446  
 Delta R.T. -0.000 min  
 Lab File: BP005409.D  
 Acq: 29 Apr 2021 14:28

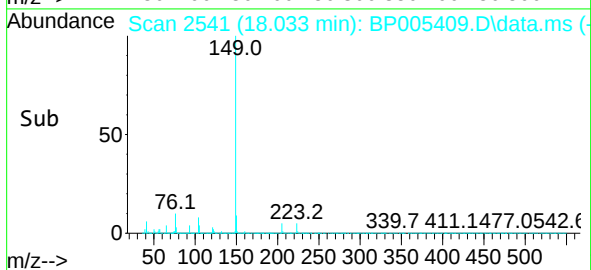
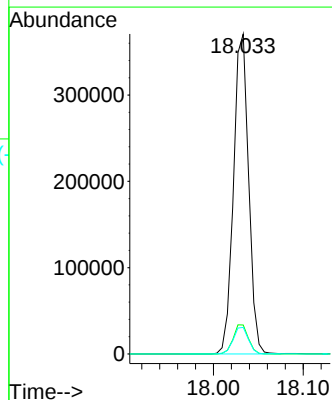
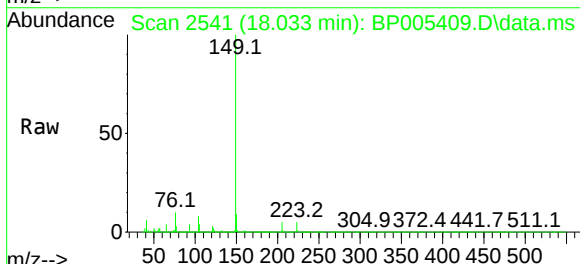
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

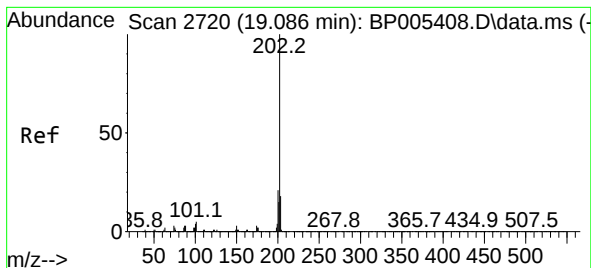
Tgt Ion:167 Resp: 387546  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.0  
 139 13.7 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 62.37 ng  
 RT: 18.033 min Scan# 2541  
 Delta R.T. -0.000 min  
 Lab File: BP005409.D  
 Acq: 29 Apr 2021 14:28

Tgt Ion:149 Resp: 433162  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.6 11.4  
 104 8.3 8.9 13.3#

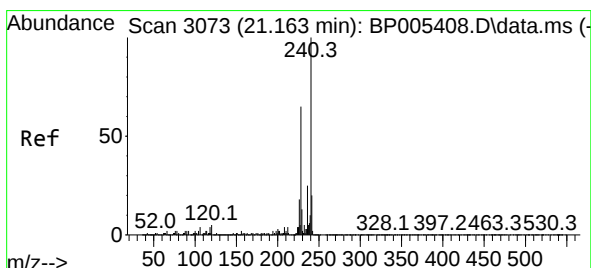
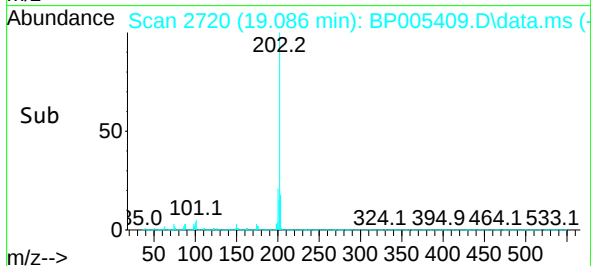
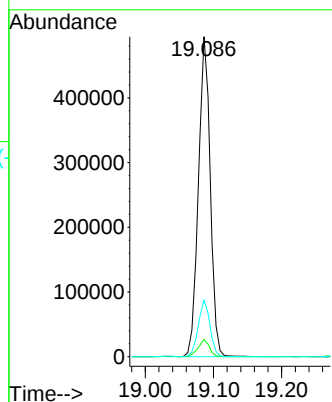
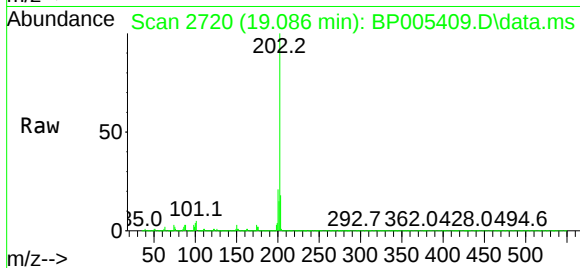




#75  
Fluoranthene  
Concen: 51.52 ng  
RT: 19.086 min Scan# 2720  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

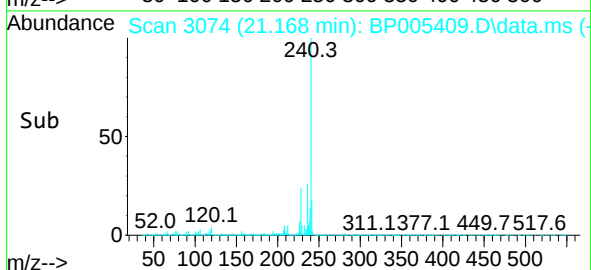
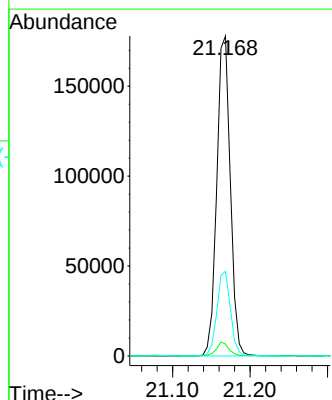
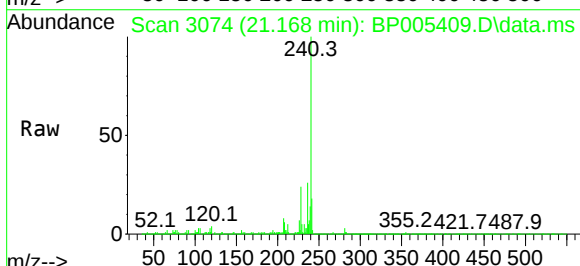
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

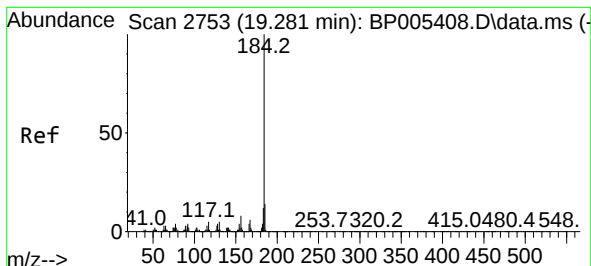
Tgt Ion:202 Resp: 593564  
Ion Ratio Lower Upper  
202 100  
101 5.4 0.0 26.1  
203 17.7 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.168 min Scan# 3074  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:240 Resp: 215663  
Ion Ratio Lower Upper  
240 100  
120 3.7 4.2 6.2#  
236 26.5 20.2 30.2





#77

Benzidine

Concen: 52.66 ng

RT: 19.274 min Scan# 2752

Delta R.T. -0.006 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

Instrument :

BNA\_P

ClientSampleId :

SSTDIC050

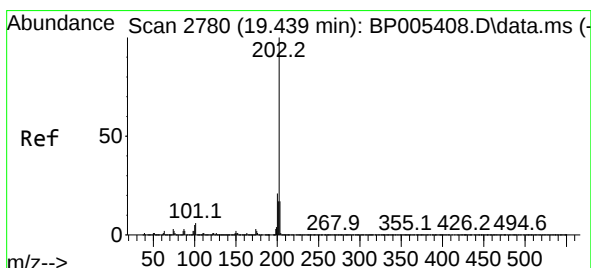
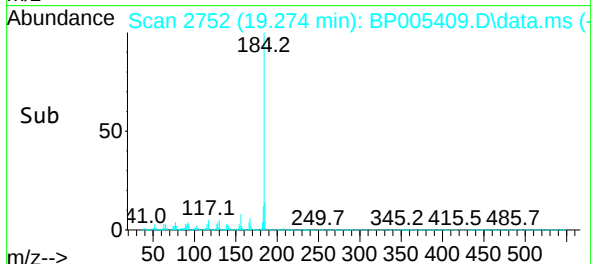
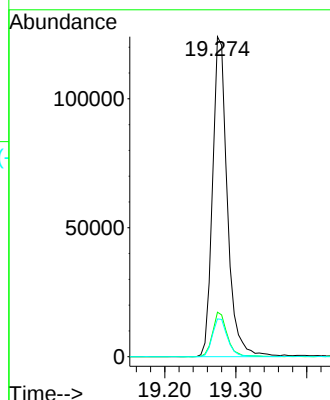
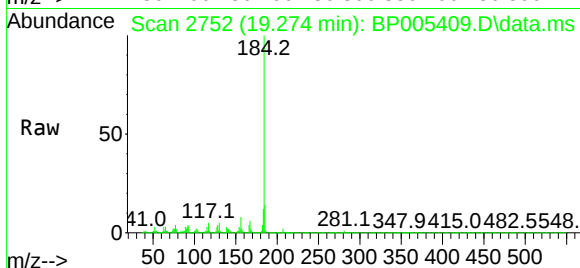
Tgt Ion:184 Resp: 179444

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 11.8 9.8 14.8



#78

Pyrene

Concen: 51.76 ng

RT: 19.439 min Scan# 2780

Delta R.T. -0.000 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

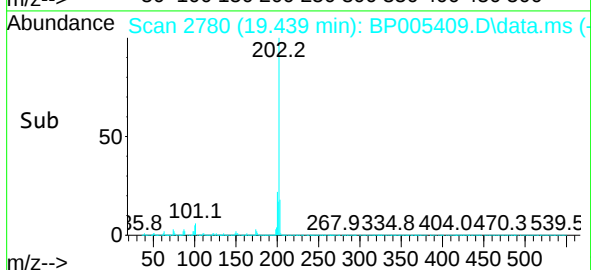
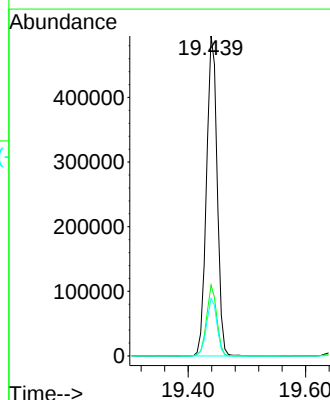
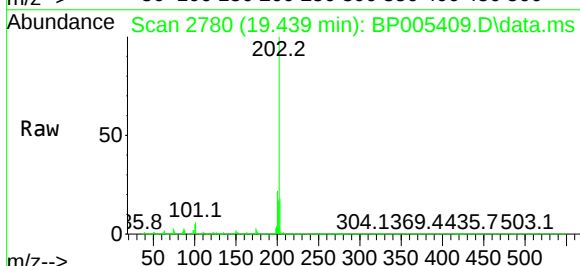
Tgt Ion:202 Resp: 625940

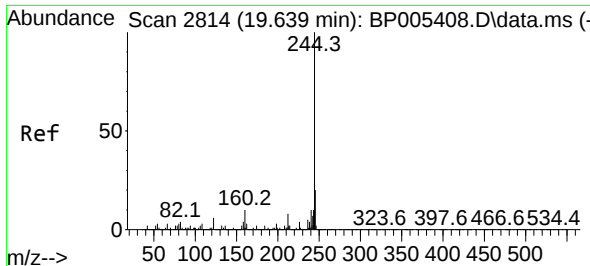
Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

203 18.0 13.8 20.6

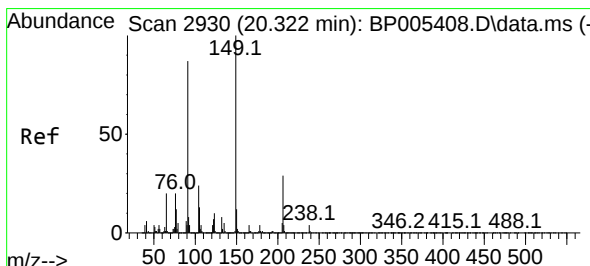
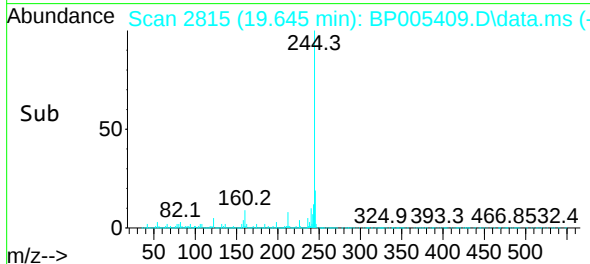
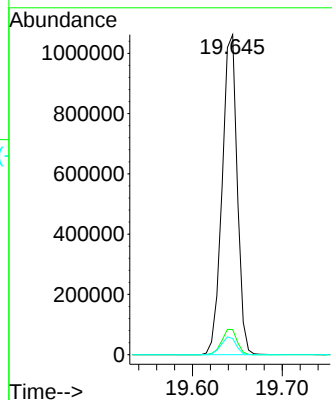
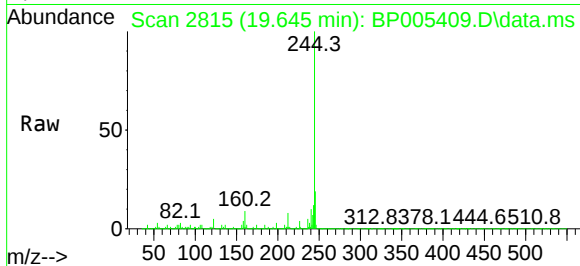




#79  
Terphenyl-d14  
Concen: 106.53 ng  
RT: 19.645 min Scan# 2815  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

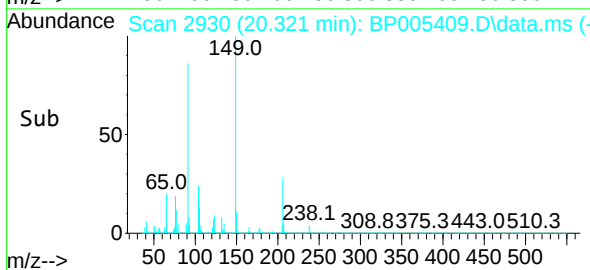
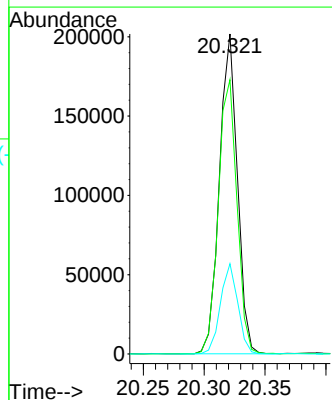
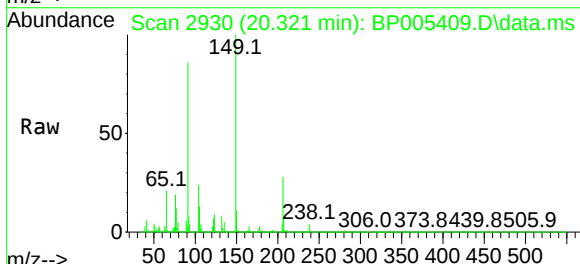
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

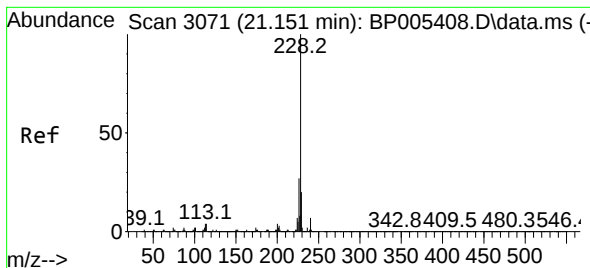
Tgt Ion:244 Resp: 1239805  
Ion Ratio Lower Upper  
244 100  
212 7.8 5.8 8.6  
122 5.0 5.2 7.8#



#80  
Butylbenzylphthalate  
Concen: 75.61 ng  
RT: 20.321 min Scan# 2930  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:149 Resp: 207716  
Ion Ratio Lower Upper  
149 100  
91 85.7 60.2 90.4  
206 28.2 23.9 35.9

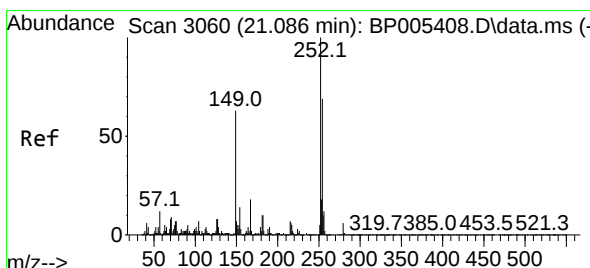
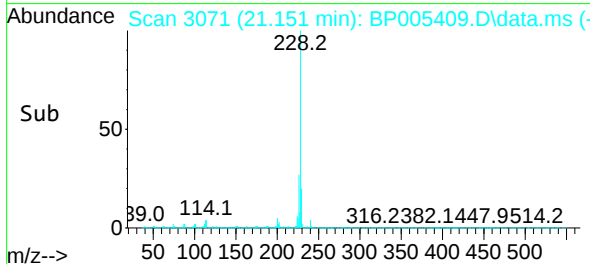
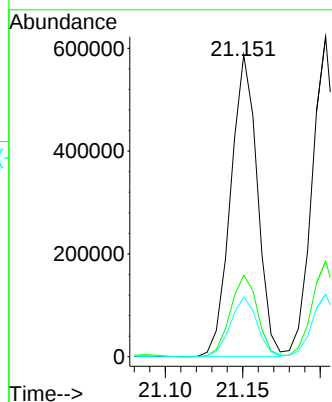
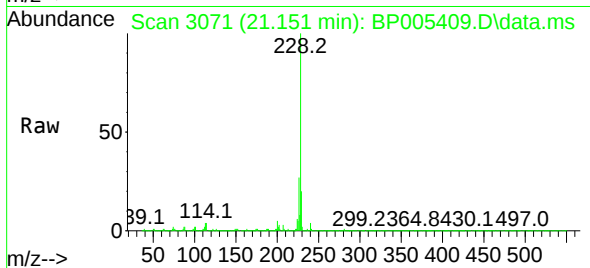




#81  
Benzo(a)anthracene  
Concen: 50.50 ng  
RT: 21.151 min Scan# 3071  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

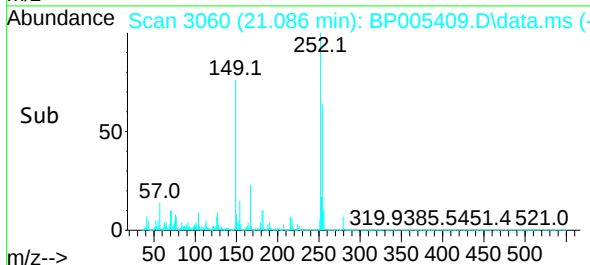
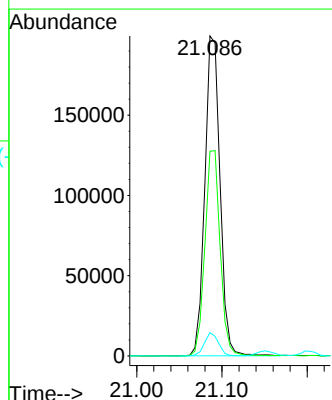
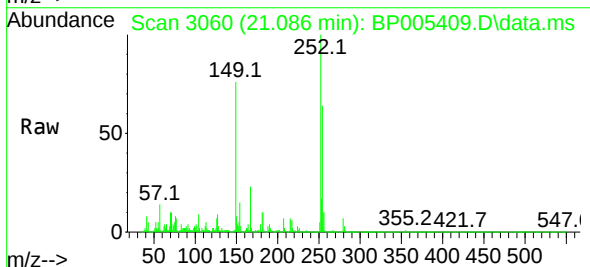
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

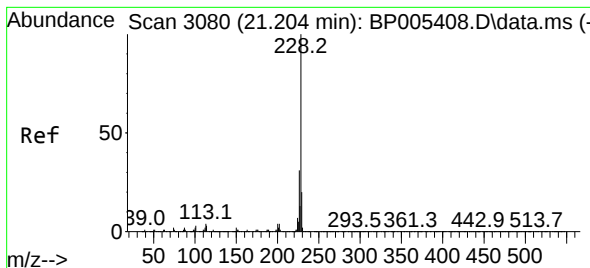
Tgt Ion:228 Resp: 700720  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.2 31.8  
229 19.7 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 57.27 ng  
RT: 21.086 min Scan# 3060  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:252 Resp: 247016  
Ion Ratio Lower Upper  
252 100  
254 64.0 49.9 74.9  
126 7.3 5.5 8.3





#83

Chrysene

Concen: 49.97 ng

RT: 21.204 min Scan# 3080

Delta R.T. -0.001 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

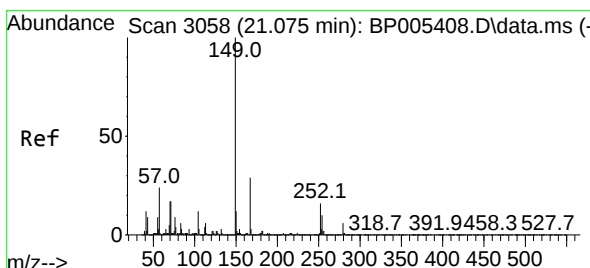
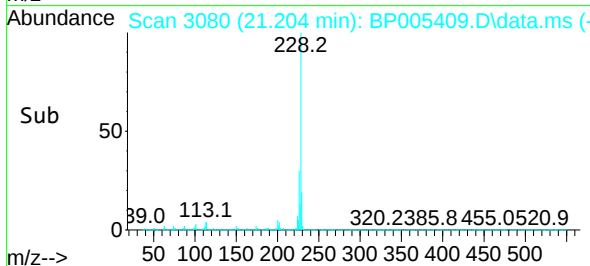
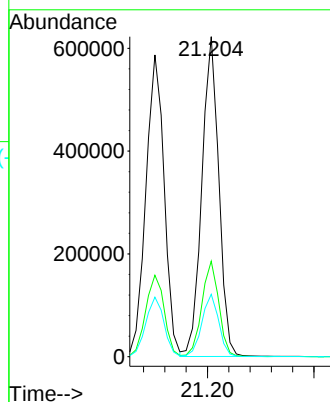
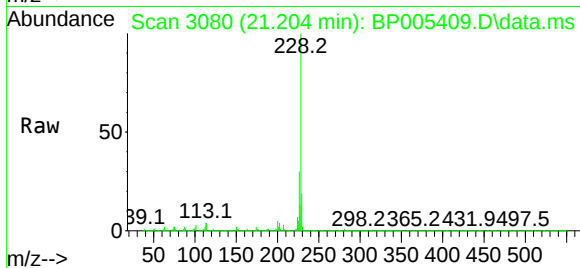
Tgt Ion:228 Resp: 690796

Ion Ratio Lower Upper

228 100

226 29.9 24.8 37.2

229 19.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.95 ng

RT: 21.080 min Scan# 3059

Delta R.T. 0.005 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

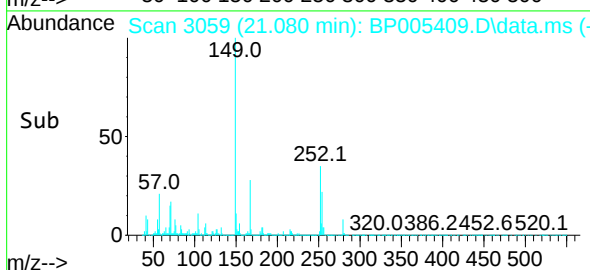
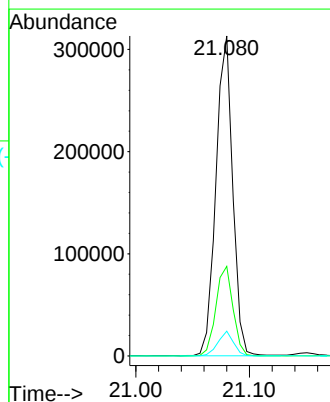
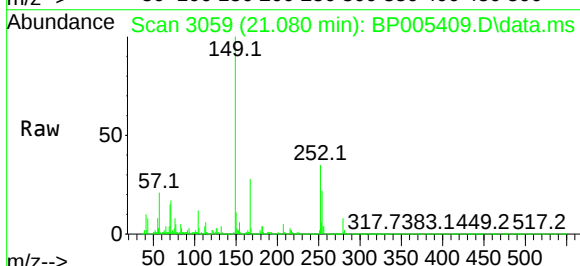
Tgt Ion:149 Resp: 320516

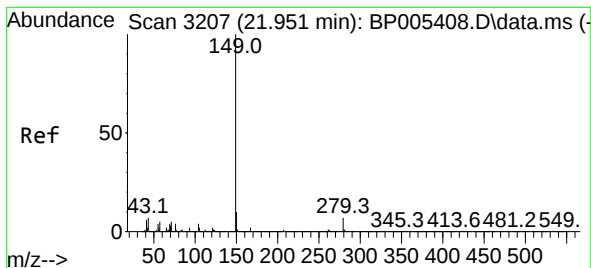
Ion Ratio Lower Upper

149 100

167 28.0 23.8 35.8

279 7.7 5.7 8.5

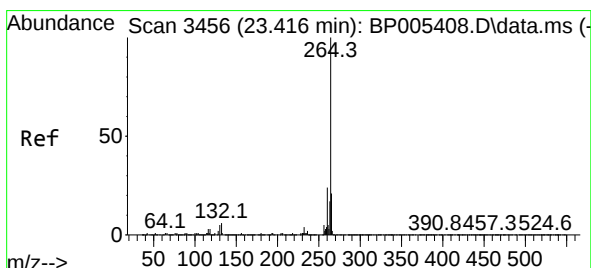
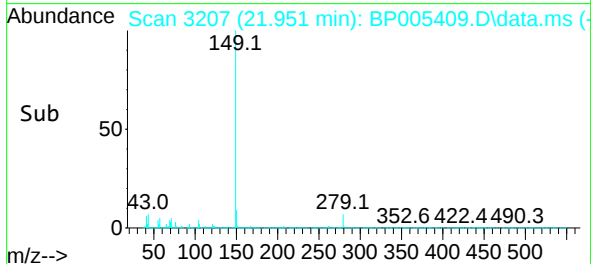
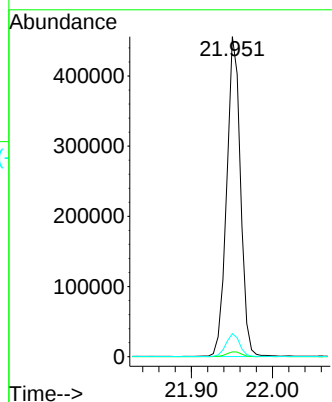
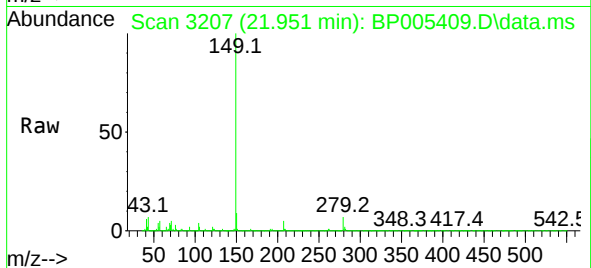




#85  
Di-n-octyl phthalate  
Concen: 65.99 ng  
RT: 21.951 min Scan# 3207  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

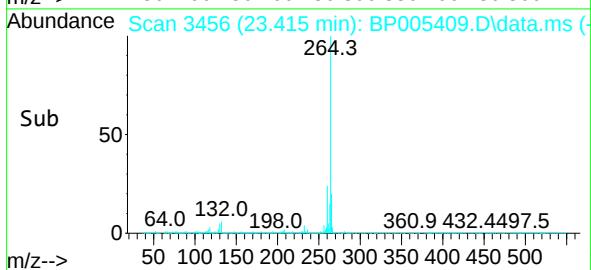
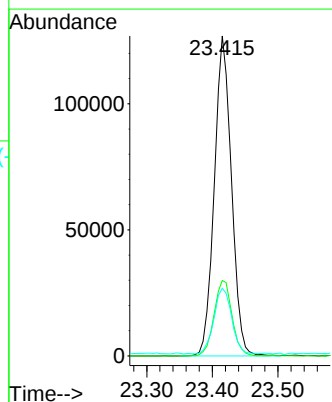
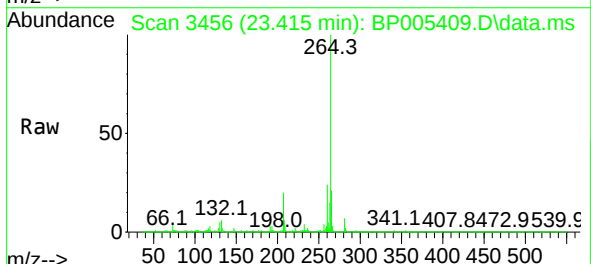
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

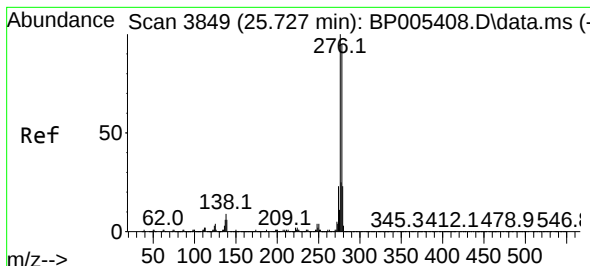
Tgt Ion:149 Resp: 540786  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.5 2.3  
43 7.2 5.1 7.7



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.415 min Scan# 3456  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:264 Resp: 230074  
Ion Ratio Lower Upper  
264 100  
260 23.6 20.6 30.8  
265 21.2 19.0 28.6



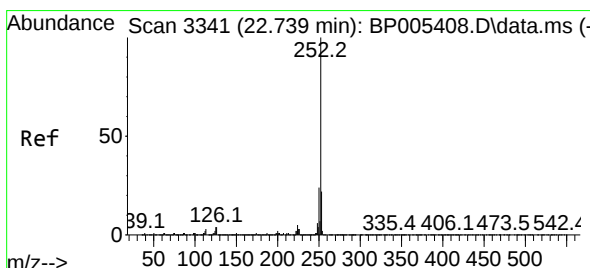
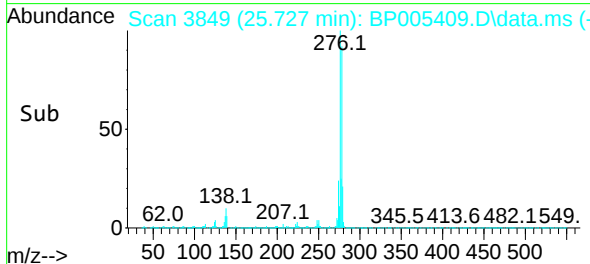
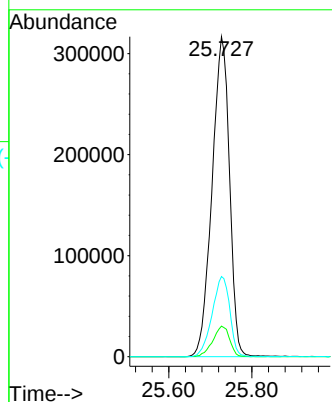
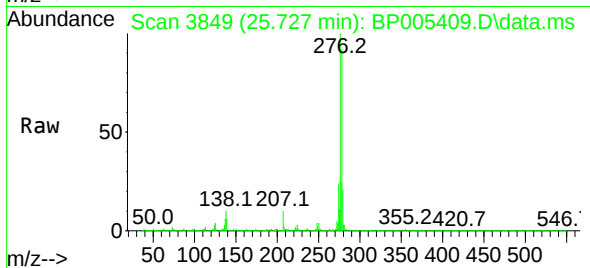


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 52.46 ng  
 RT: 25.727 min Scan# 3849  
 Delta R.T. -0.000 min  
 Lab File: BP005409.D  
 Acq: 29 Apr 2021 14:28

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Tgt Ion: 276 Resp: 922044  

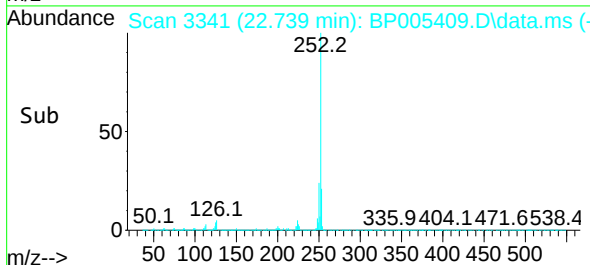
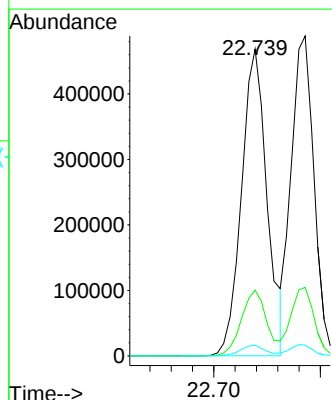
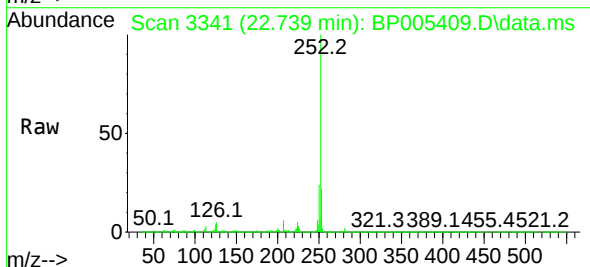
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 9.3   | 8.4   | 12.6  |
| 277 | 25.4  | 20.6  | 31.0  |

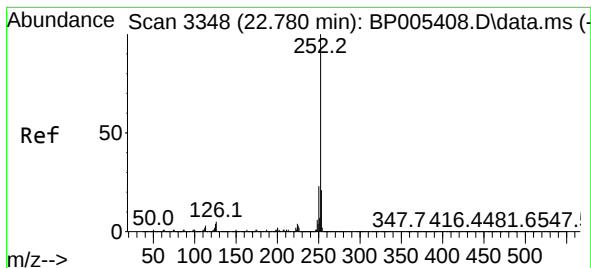


#88  
 Benzo(b)fluoranthene  
 Concen: 51.55 ng  
 RT: 22.739 min Scan# 3341  
 Delta R.T. -0.001 min  
 Lab File: BP005409.D  
 Acq: 29 Apr 2021 14:28

Tgt Ion: 252 Resp: 780844  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.5  | 18.2  | 27.2  |
| 125 | 3.5   | 3.4   | 5.0   |





#89

Benzo(k)fluoranthene

Concen: 48.83 ng

RT: 22.786 min Scan# 3349

Delta R.T. 0.005 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

Instrument :

BNA\_P

ClientSampleId :

SSTDIC050

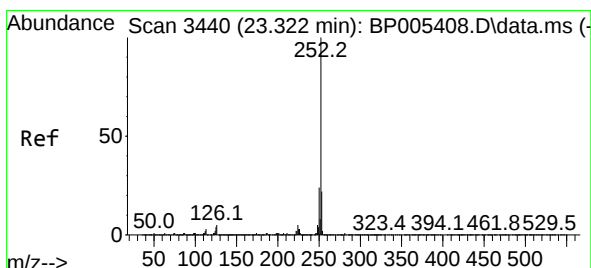
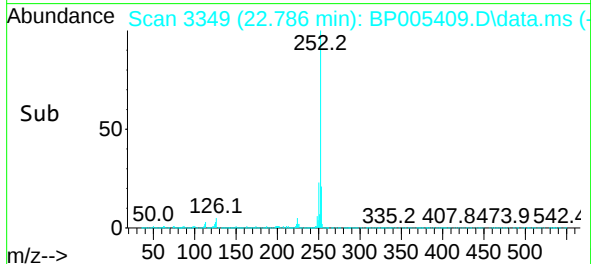
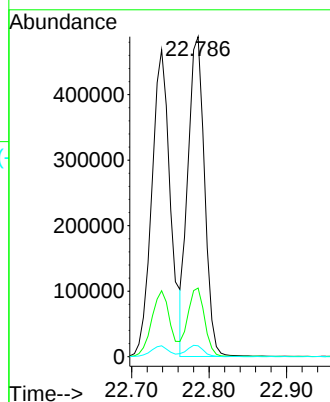
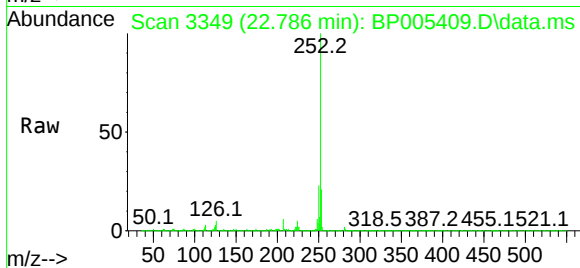
Tgt Ion:252 Resp: 726218

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 3.4 3.8 5.6#



#90

Benzo(a)pyrene

Concen: 50.51 ng

RT: 23.321 min Scan# 3440

Delta R.T. -0.000 min

Lab File: BP005409.D

Acq: 29 Apr 2021 14:28

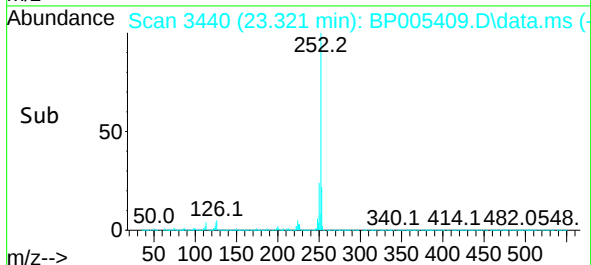
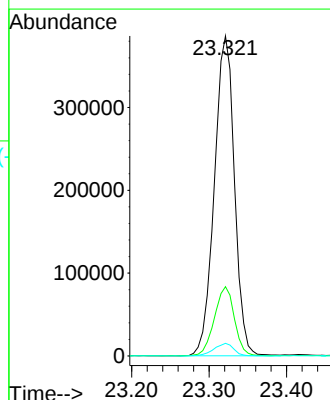
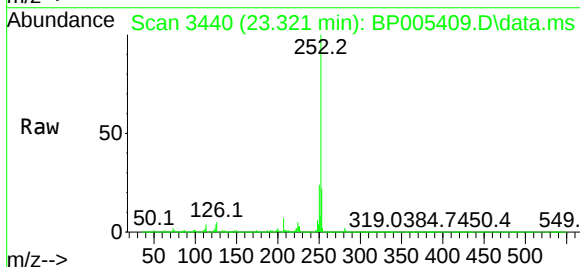
Tgt Ion:252 Resp: 697578

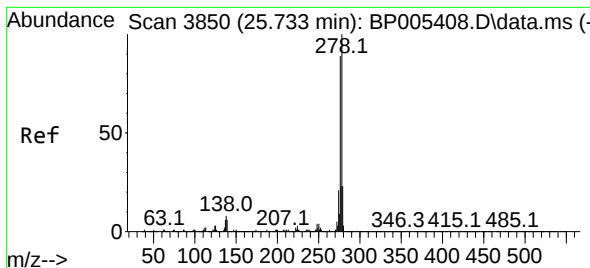
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 3.9 3.8 5.6

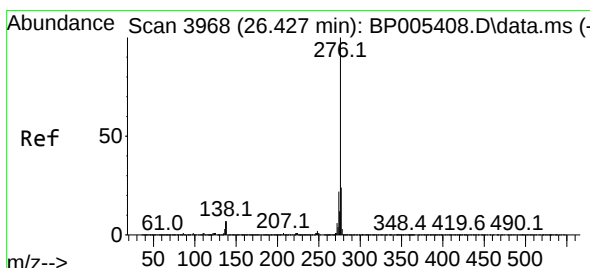
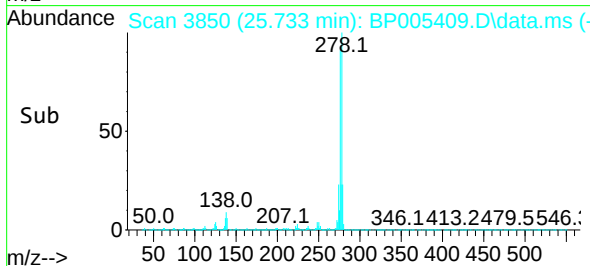
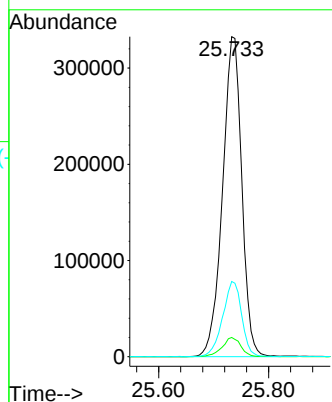
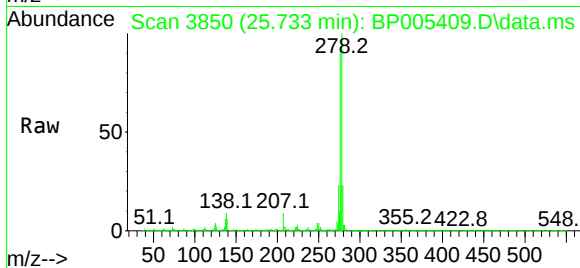




#91  
Dibenzo(a,h)anthracene  
Concen: 53.03 ng  
RT: 25.733 min Scan# 3850  
Delta R.T. -0.000 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDIC050

Tgt Ion:278 Resp: 807274  
Ion Ratio Lower Upper  
278 100  
139 6.0 5.0 7.6  
279 23.5 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 51.72 ng  
RT: 26.433 min Scan# 3969  
Delta R.T. 0.005 min  
Lab File: BP005409.D  
Acq: 29 Apr 2021 14:28

Tgt Ion:276 Resp: 737405  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.8 29.8  
138 7.0 7.7 11.5#

