

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061721\  
 Data File : BP005968.D  
 Acq On : 17 Jun 2021 16:40  
 Operator : CG/JU  
 Sample : M2739-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-214MSD

Quant Time: Jun 17 17:26:17 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 16 11:35:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.928  | 152  | 75634    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.734 | 136  | 281990   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.557 | 164  | 171745   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 353453   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.374 | 240  | 423463   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.786 | 264  | 488398   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 475514   | 100.884 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.105  | 99   | 571135   | 93.485  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.093  | 82   | 358698   | 62.364  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.045 | 330  | 296249   | 100.516 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.181 | 172  | 784105   | 59.951  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 1340926  | 59.294  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.364  | 88   | 77714    | 36.494  | ng    | 98       |
| 3) Pyridine                   | 3.781  | 79   | 217884   | 43.534  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.687  | 42   | 94143    | 40.467  | ng    | 82       |
| 6) Aniline                    | 7.258  | 93   | 238793   | 35.010  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.493  | 128  | 261547   | 48.396  | ng    | 98       |
| 9) Benzaldehyde               | 7.069  | 77   | 158923   | 61.020  | ng    | 97       |
| 10) Phenol                    | 7.128  | 94   | 298746   | 48.950  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.352  | 93   | 224835   | 48.616  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.816  | 146  | 280424   | 46.405  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.963  | 146  | 290069   | 47.068  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.281  | 146  | 275438   | 46.758  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.175  | 79   | 216721   | 47.097  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 193997   | 45.378  | ng    | 98       |
| 17) 2-Methylphenol            | 8.381  | 107  | 204858   | 49.265  | ng    | 98       |
| 18) Hexachloroethane          | 9.010  | 117  | 103303   | 46.341  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.740  | 70   | 168560   | 44.849  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.710  | 107  | 268165   | 47.742  | ng    | 98       |
| 22) Acetophenone              | 8.757  | 105  | 354745   | 47.795  | ng    | 98       |
| 24) Nitrobenzene              | 9.134  | 77   | 255898   | 42.845  | ng    | 99       |
| 25) Isophorone                | 9.663  | 82   | 449710   | 42.338  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.846  | 139  | 137135   | 48.122  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.910  | 122  | 224131   | 52.793  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.146 | 93   | 275758   | 49.744  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.387 | 162  | 235131   | 46.086  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.593 | 180  | 258360   | 45.067  | ng    | 98       |
| 31) Naphthalene               | 10.781 | 128  | 740506   | 45.386  | ng    | 100      |
| 32) Benzoic acid              | 10.087 | 122  | 166995   | 51.907  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.899 | 127  | 110150   | 16.712  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.063 | 225  | 171833   | 44.314  | ng    | 99       |
| 35) Caprolactam               | 11.704 | 113  | 65133    | 44.320  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 12.028 | 107  | 247855   | 47.843  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.387 | 142  | 524793   | 45.176  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.604 | 142  | 485131   | 44.336  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.757 | 216  | 285608   | 47.245  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.734 | 237  | 277859   | 90.689  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.998 | 196  | 190511   | 45.945  | ng    | 99       |

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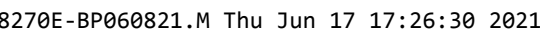
Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-214MSD

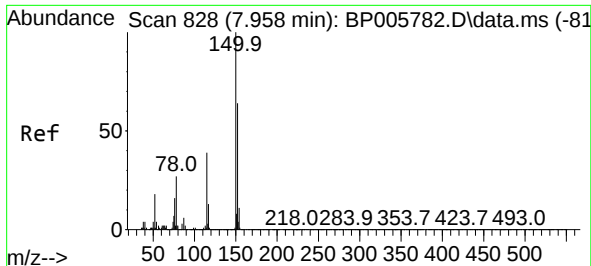
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.075 | 196  | 208558   | 46.703  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.393 | 154  | 646787   | 46.708  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.440 | 162  | 519258   | 45.921  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.645 | 65   | 142318   | 47.869  | ng    | 93       |
| 49) Acenaphthylene            | 14.281 | 152  | 821908   | 47.378  | ng    | 99       |
| 50) Dimethylphthalate         | 14.016 | 163  | 650415   | 46.060  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.140 | 165  | 143558   | 44.728  | ng    | 97       |
| 52) Acenaphthene              | 14.622 | 154  | 474604   | 45.050  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 93223    | 29.968  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 171562   | 89.278  | ng    | 97       |
| 55) Dibenzofuran              | 14.951 | 168  | 766664   | 44.251  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.787 | 139  | 255445   | 101.310 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.922 | 165  | 201993   | 47.055  | ng    | 98       |
| 58) Fluorene                  | 15.604 | 166  | 620810   | 45.990  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 187338   | 47.600  | ng    | 98       |
| 60) Diethylphthalate          | 15.375 | 149  | 695295   | 49.076  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 317481   | 45.356  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.628 | 138  | 148169   | 46.277  | ng    | 93       |
| 63) Azobenzene                | 15.886 | 77   | 569444   | 44.427  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.686 | 198  | 112856   | 43.449  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.810 | 169  | 542852   | 46.314  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.486 | 248  | 213041   | 46.960  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.610 | 284  | 257427   | 47.340  | ng    | 96       |
| 69) Atrazine                  | 16.763 | 200  | 211856   | 58.096  | ng    | 98       |
| 70) Pentachlorophenol         | 16.957 | 266  | 331908   | 109.773 | ng    | 99       |
| 71) Phenanthrene              | 17.345 | 178  | 1012354  | 47.693  | ng    | 99       |
| 72) Anthracene                | 17.433 | 178  | 1024961  | 49.063  | ng    | 99       |
| 73) Carbazole                 | 17.710 | 167  | 944792   | 47.105  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.251 | 149  | 1203541  | 51.792  | ng    | 99       |
| 75) Fluoranthene              | 19.304 | 202  | 1294490  | 50.217  | ng    | 98       |
| 77) Benzidine                 | 19.486 | 184  | 608438   | 69.051  | ng    | 99       |
| 78) Pyrene                    | 19.657 | 202  | 1357871  | 45.932  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.522 | 149  | 593496   | 48.798  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.363 | 228  | 1397431  | 45.716  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.292 | 252  | 441684   | 41.794  | ng    | 97       |
| 83) Chrysene                  | 21.416 | 228  | 1382951  | 46.710  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149  | 1475454  | 82.717  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.198 | 149  | 1609546  | 50.441  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.327 | 276  | 1941148  | 46.477  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.051 | 252  | 1603559  | 47.938  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.098 | 252  | 1512217  | 46.620  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.680 | 252  | 1541884  | 49.028  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.339 | 278  | 1644388  | 45.744  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.104 | 276  | 1634115  | 46.017  | ng    | 98       |

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

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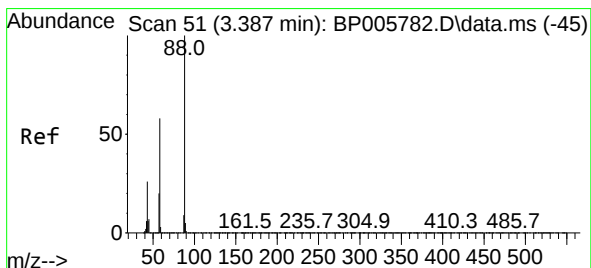
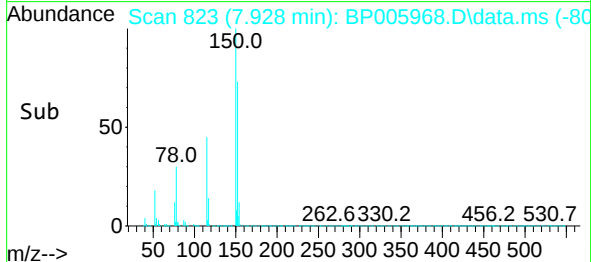
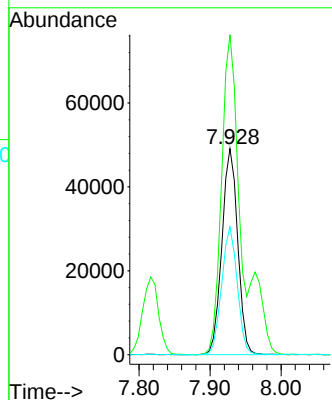
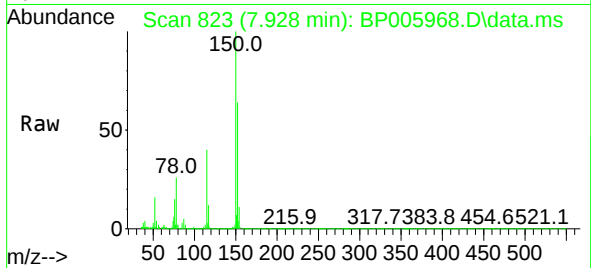




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 823  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

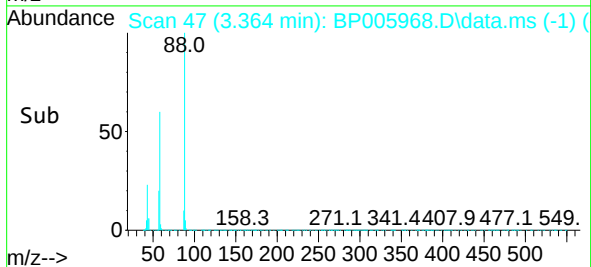
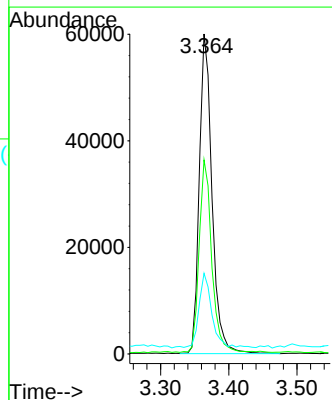
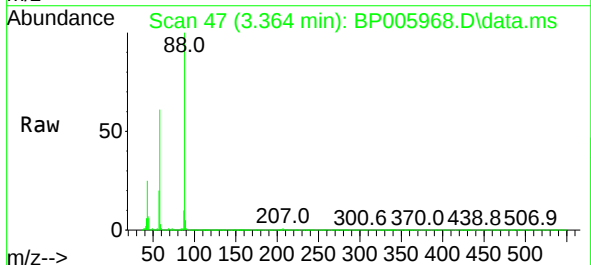
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

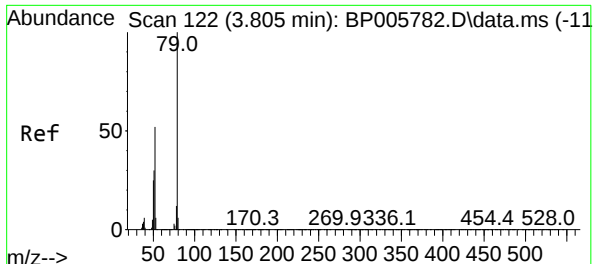
Tgt Ion:152 Resp: 75634  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.6 188.4  
115 62.0 48.5 72.7



#2  
1,4-Dioxane  
Concen: 36.494 ng  
RT: 3.364 min Scan# 47  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 88 Resp: 77714  
Ion Ratio Lower Upper  
88 100  
58 59.8 46.7 70.1  
43 24.0 20.3 30.5

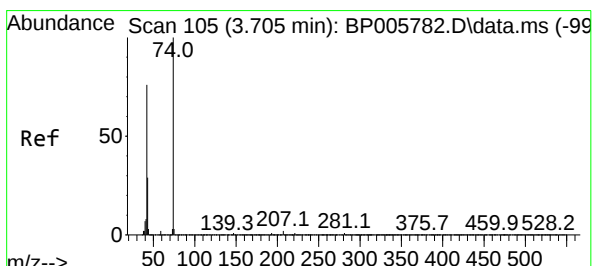
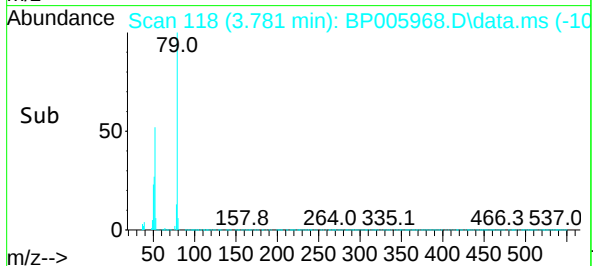
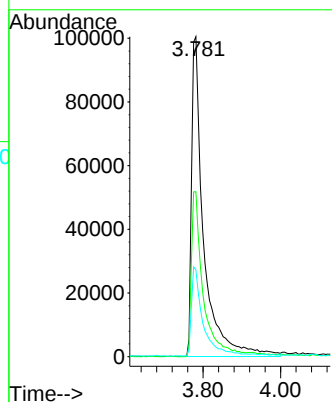
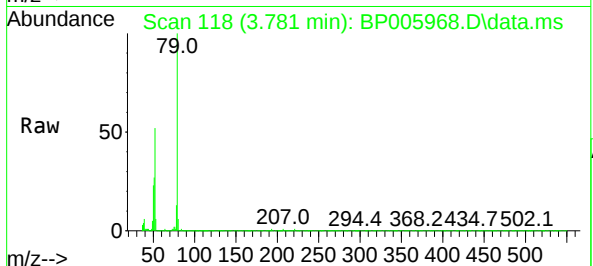




#3  
Pyridine  
Concen: 43.534 ng  
RT: 3.781 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

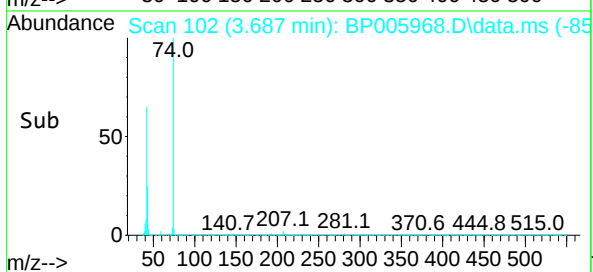
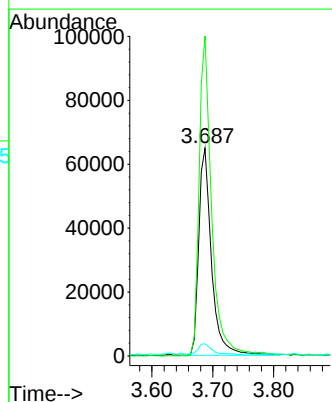
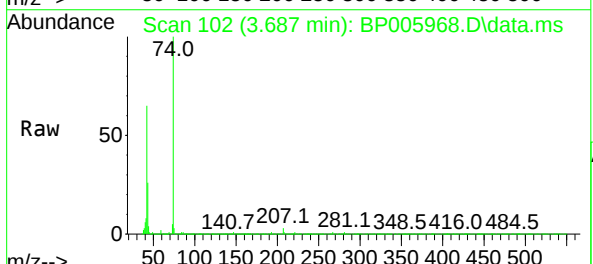
Instrument :  
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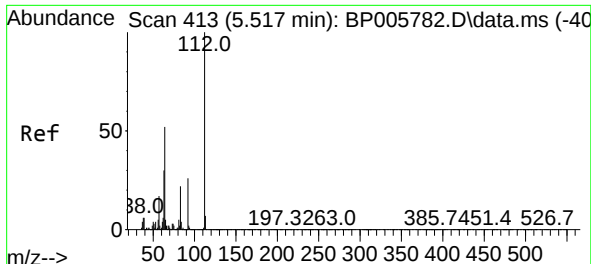
Tgt Ion: 79 Resp: 217884  
Ion Ratio Lower Upper  
79 100  
52 51.5 41.7 62.5  
51 27.1 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 40.467 ng  
RT: 3.687 min Scan# 102  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 42 Resp: 94143  
Ion Ratio Lower Upper  
42 100  
74 154.1 105.4 158.0  
44 5.8 4.2 6.4

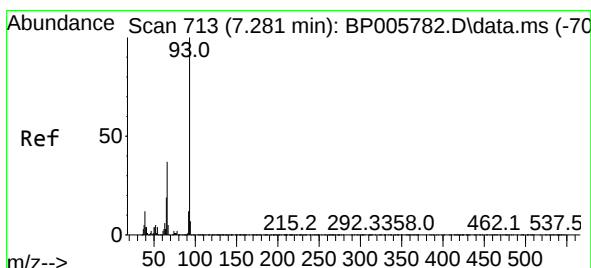
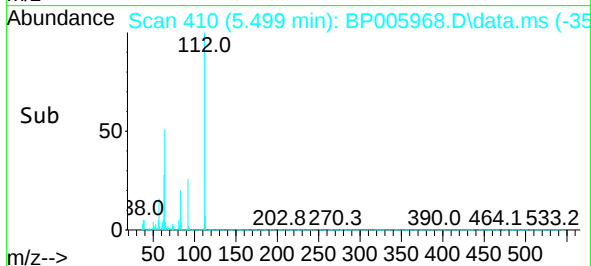
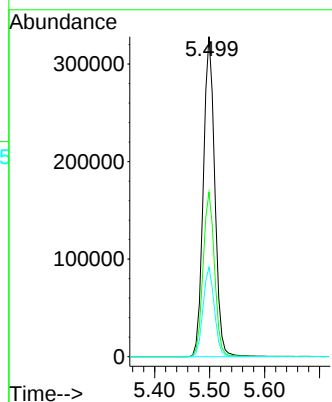
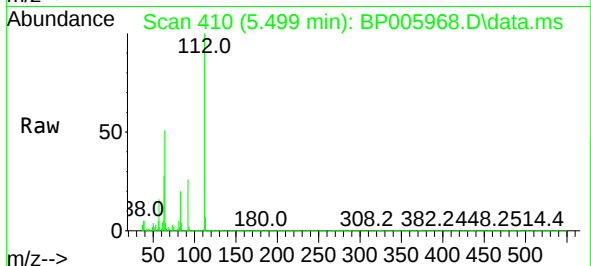




#5  
2-Fluorophenol  
Concen: 100.884 ng  
RT: 5.499 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

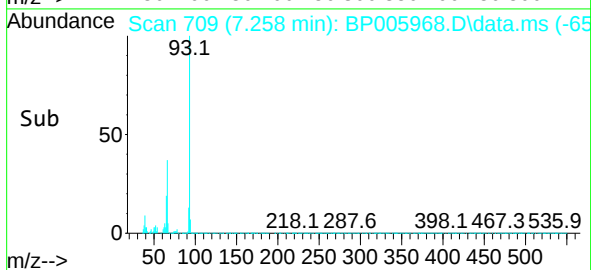
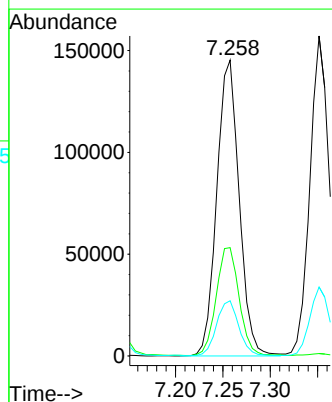
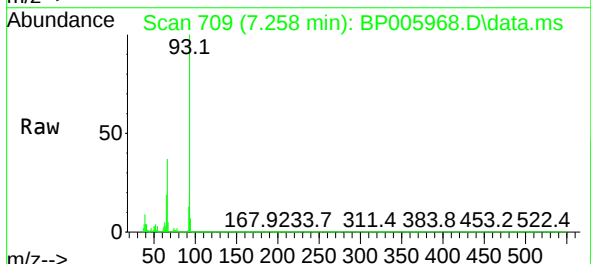
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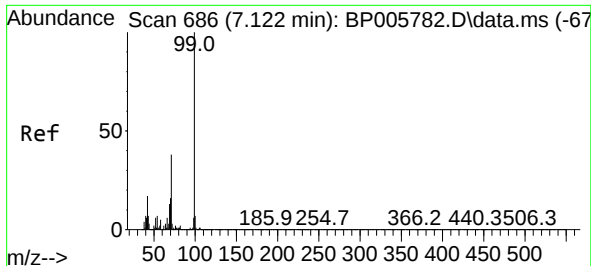
Tgt Ion:112 Resp: 475514  
Ion Ratio Lower Upper  
112 100  
64 51.4 41.4 62.2  
63 28.0 23.8 35.8



#6  
Aniline  
Concen: 35.010 ng  
RT: 7.258 min Scan# 709  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 93 Resp: 238793  
Ion Ratio Lower Upper  
93 100  
66 36.6 29.7 44.5  
65 18.7 15.3 22.9

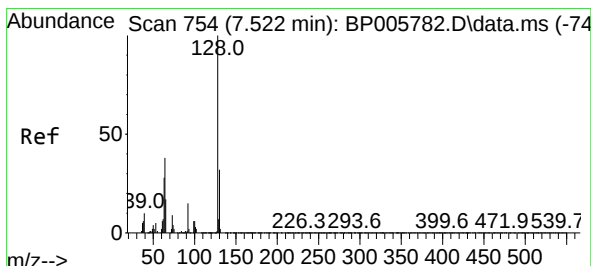
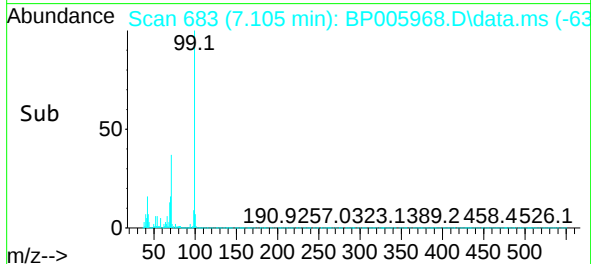
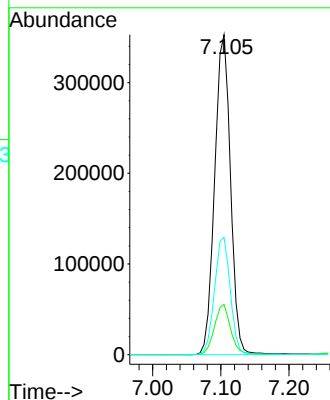
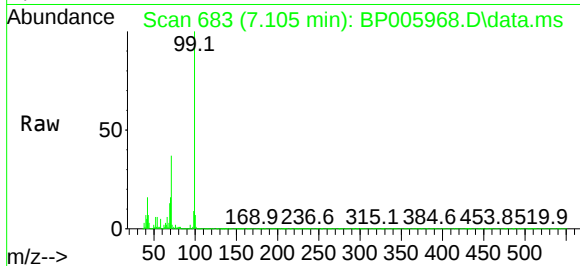




#7  
Phenol-d6  
Concen: 93.485 ng  
RT: 7.105 min Scan# 683  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

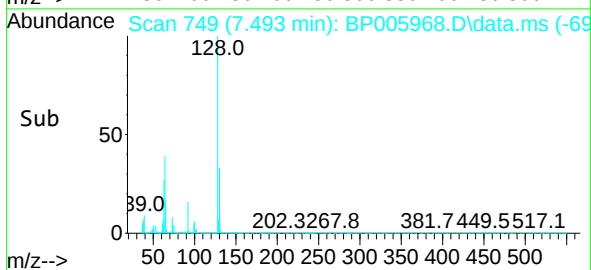
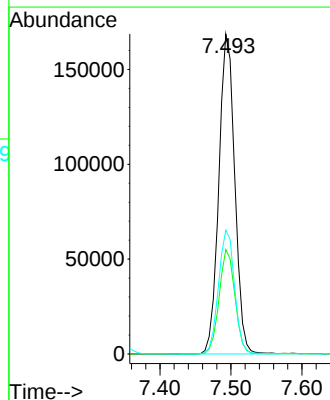
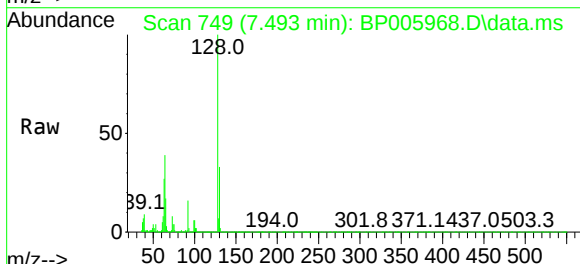
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BNA\_P  
ClientSampleId :  
VNJ-214MSD

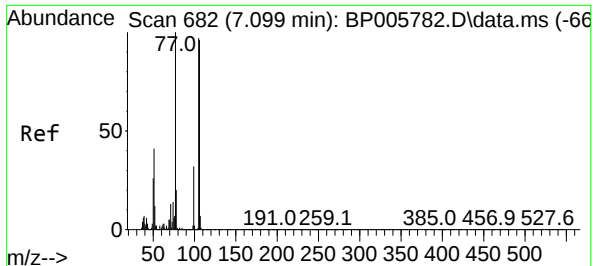
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|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 571135 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 15.7  | 13.4  | 20.0   |
| 71       | 36.6  | 30.6  | 46.0   |



#8  
2-Chlorophenol  
Concen: 48.396 ng  
RT: 7.493 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 261547 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.6  | 12.4  | 52.4   |
| 64       | 38.7  | 20.3  | 60.3   |

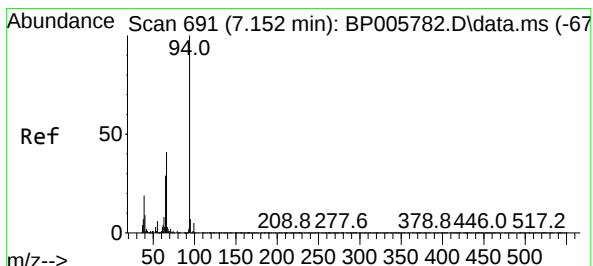
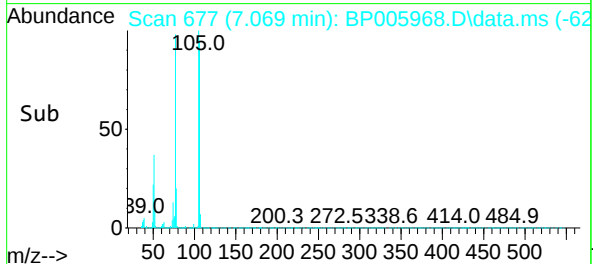
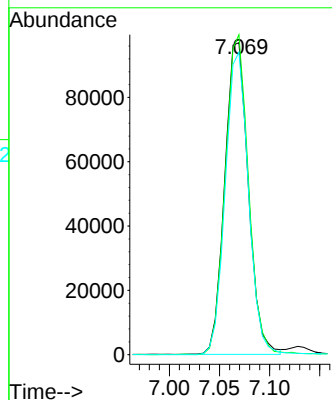
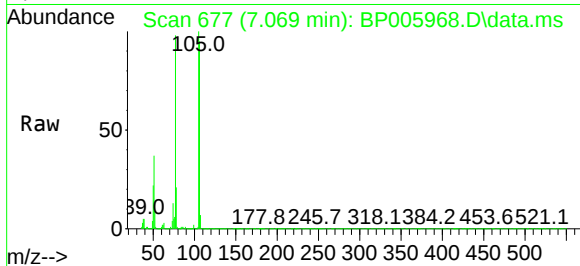




#9  
Benzaldehyde  
Concen: 61.020 ng  
RT: 7.069 min Scan# 677  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

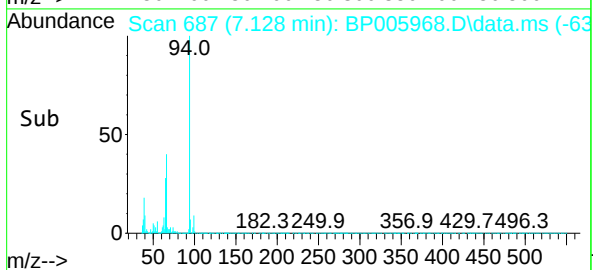
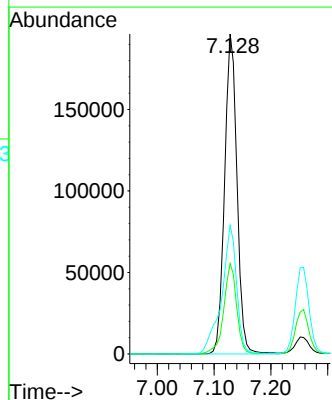
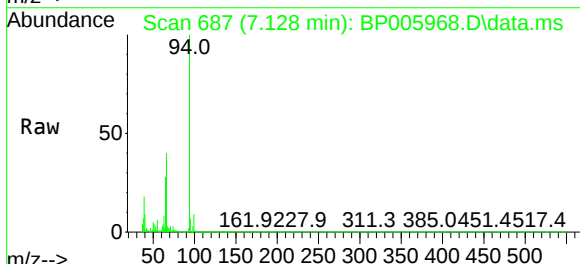
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

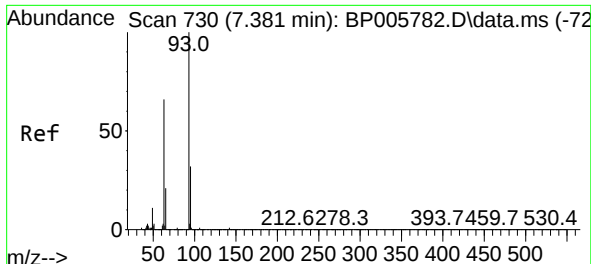
Tgt Ion: 77 Resp: 158923  
Ion Ratio Lower Upper  
77 100  
105 102.6 76.7 116.7  
106 97.0 76.2 116.2



#10  
Phenol  
Concen: 48.950 ng  
RT: 7.128 min Scan# 687  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 94 Resp: 298746  
Ion Ratio Lower Upper  
94 100  
65 28.3 8.8 48.8  
66 40.2 20.7 60.7

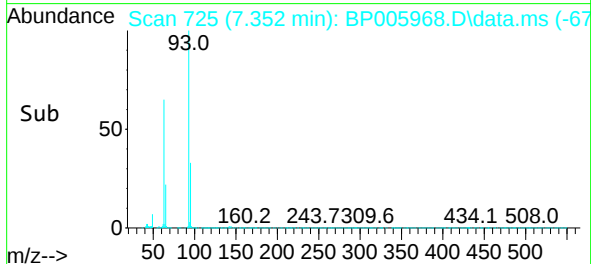
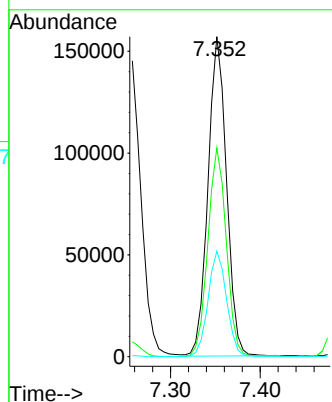
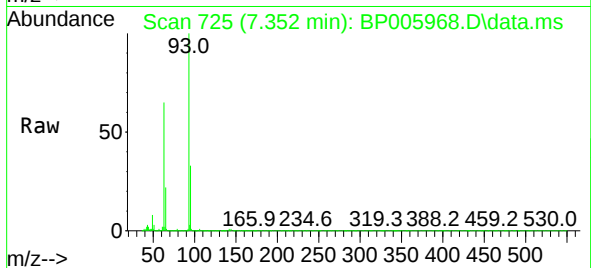




#11  
bis(2-Chloroethyl)ether  
Concen: 48.616 ng  
RT: 7.352 min Scan# 725  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

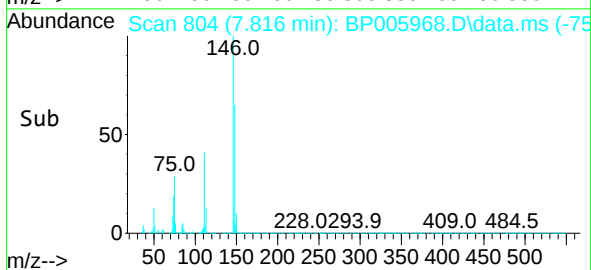
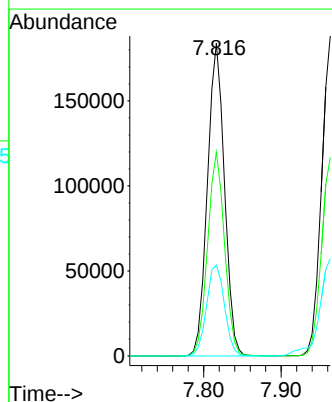
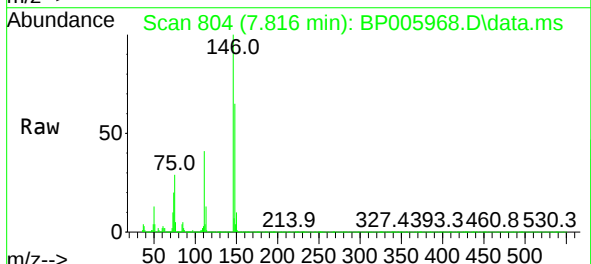
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

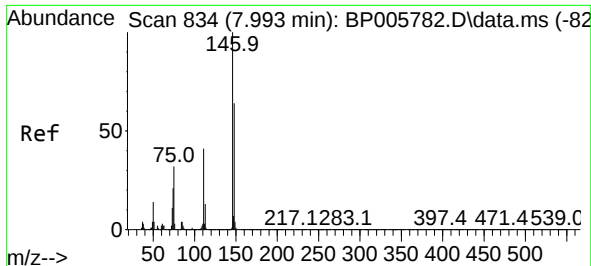
Tgt Ion: 93 Resp: 224835  
Ion Ratio Lower Upper  
93 100  
63 65.3 46.2 86.2  
95 33.0 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 46.405 ng  
RT: 7.816 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:146 Resp: 280424  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.5 77.3  
75 29.1 25.7 38.5

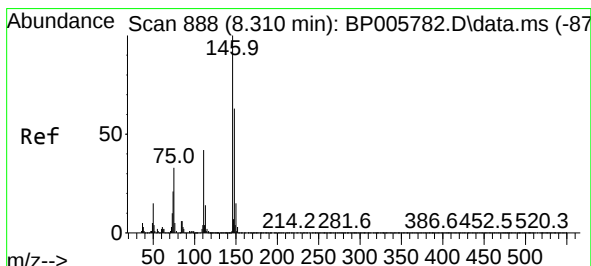
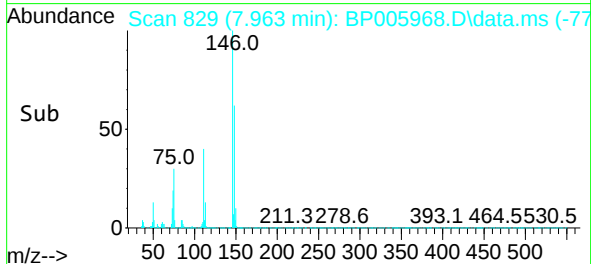
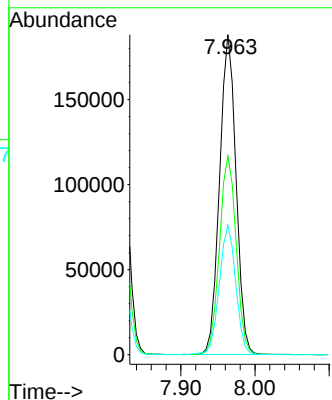
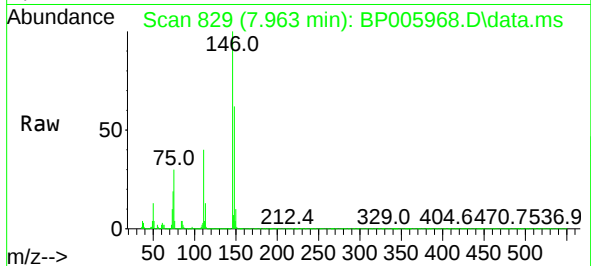




#13  
1,4-Dichlorobenzene  
Concen: 47.068 ng  
RT: 7.963 min Scan# 829  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

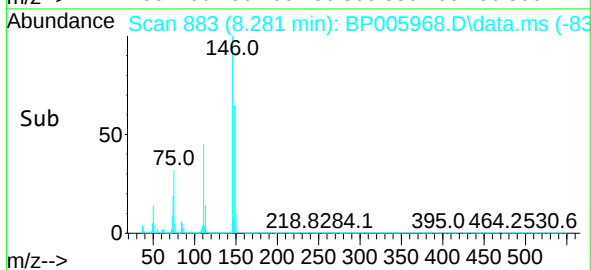
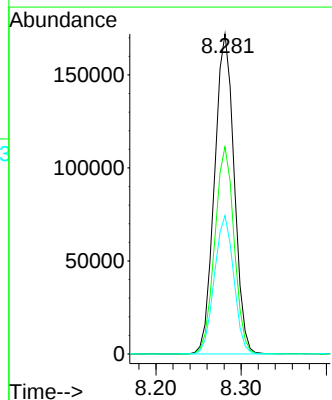
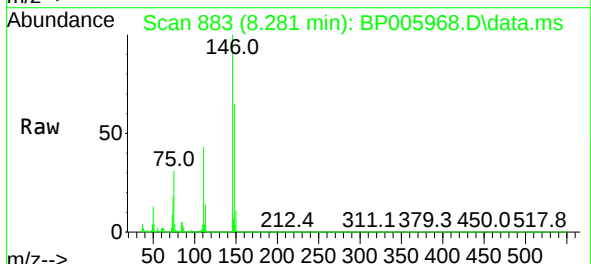
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

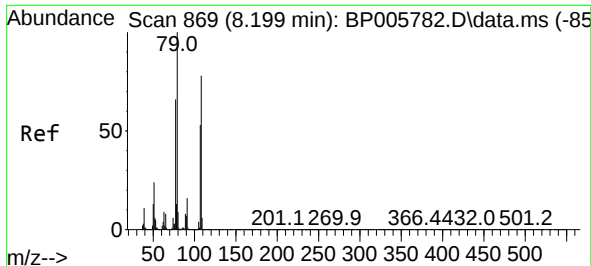
Tgt Ion:146 Resp: 290069  
Ion Ratio Lower Upper  
146 100  
148 62.1 51.3 76.9  
111 40.5 33.0 49.6



#14  
1,2-Dichlorobenzene  
Concen: 46.758 ng  
RT: 8.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:146 Resp: 275438  
Ion Ratio Lower Upper  
146 100  
148 64.7 50.3 75.5  
111 43.3 33.7 50.5

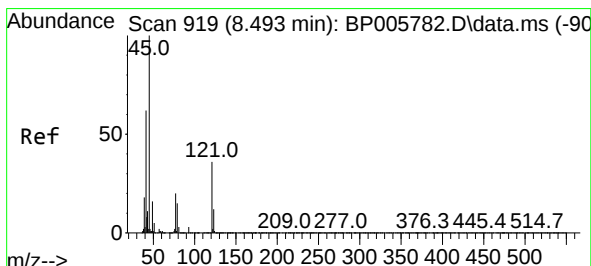
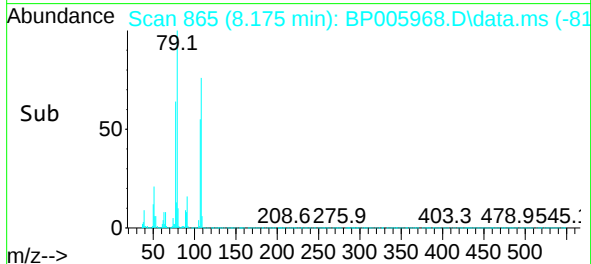
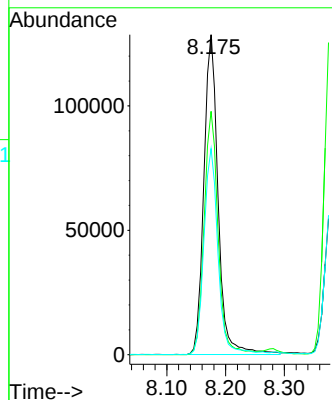
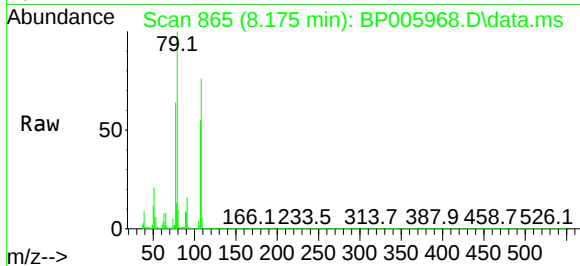




#15  
Benzyl Alcohol  
Concen: 47.097 ng  
RT: 8.175 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

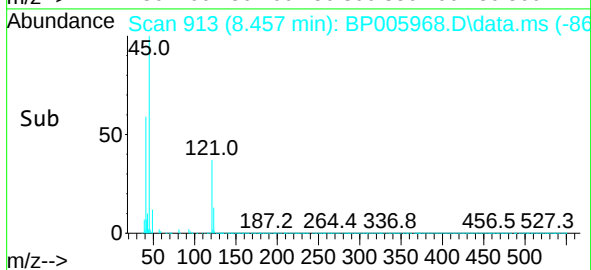
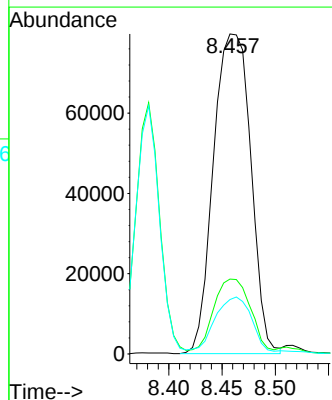
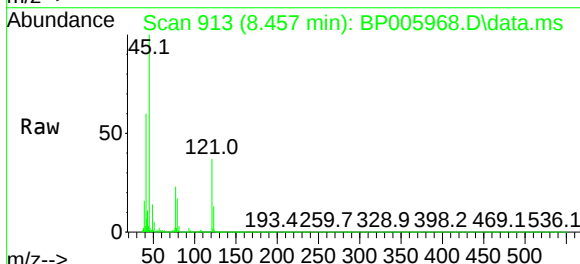
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

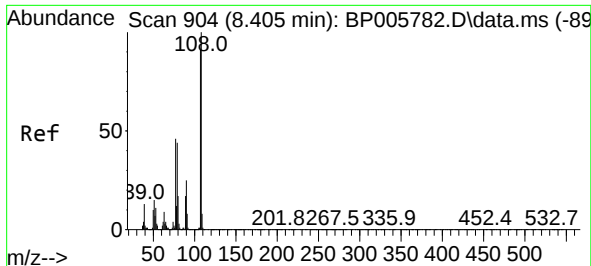
Tgt Ion: 79 Resp: 216721  
Ion Ratio Lower Upper  
79 100  
108 76.1 62.5 93.7  
77 64.4 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.378 ng  
RT: 8.457 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 45 Resp: 193997  
Ion Ratio Lower Upper  
45 100  
77 23.4 2.0 42.0  
79 17.0 0.0 36.7

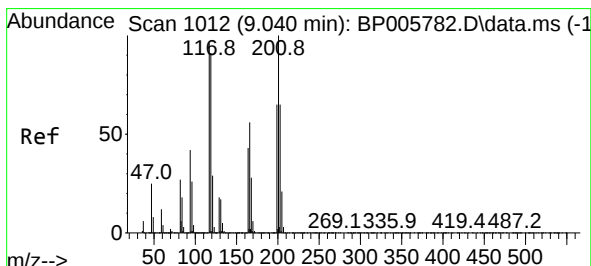
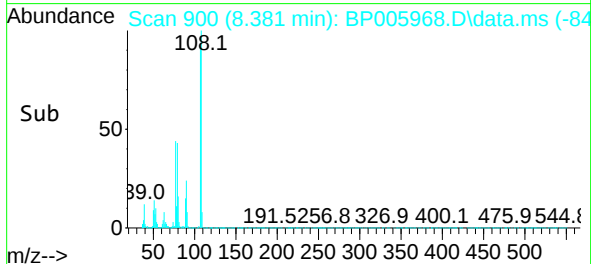
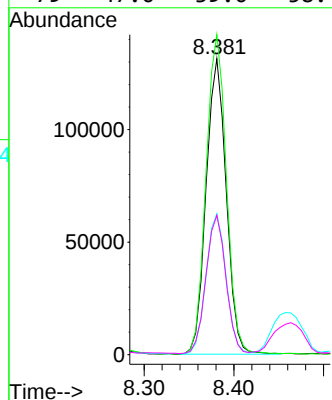
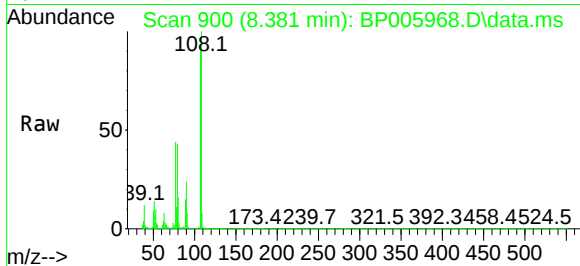




#17  
2-Methylphenol  
Concen: 49.265 ng  
RT: 8.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

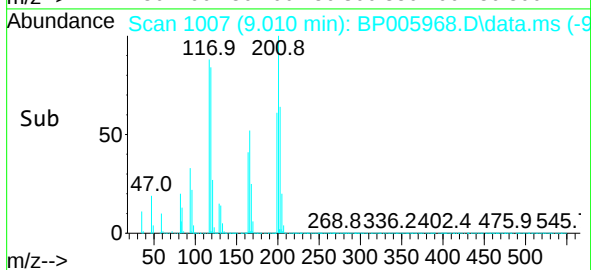
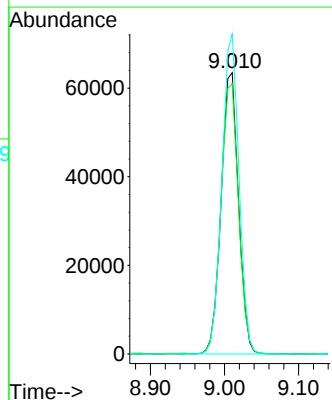
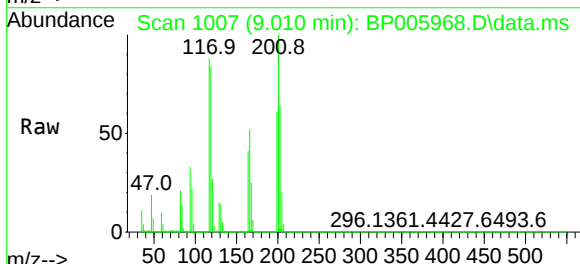
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

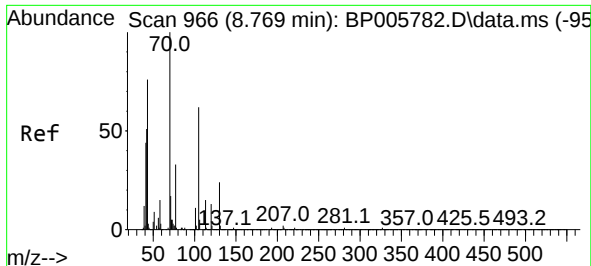
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 204858 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.1 | 87.7  | 131.5  |
| 77       | 47.6  | 40.2  | 60.2   |
| 79       | 47.0  | 39.0  | 58.4   |



#18  
Hexachloroethane  
Concen: 46.341 ng  
RT: 9.010 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 103303 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.1  | 76.2  | 114.2  |
| 201      | 113.8 | 83.4  | 125.0  |

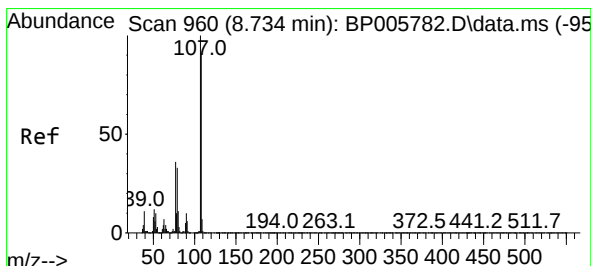
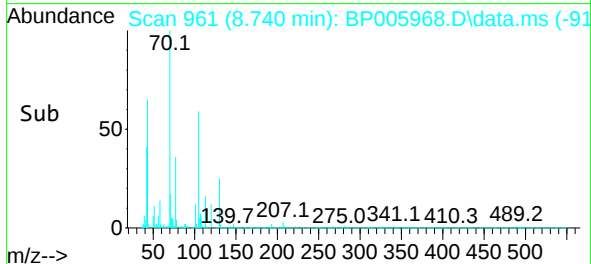
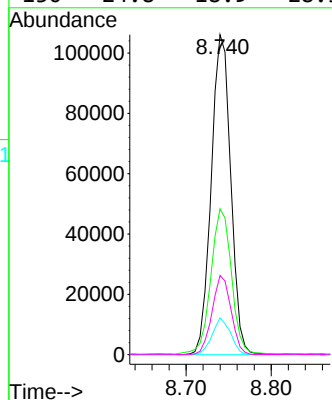
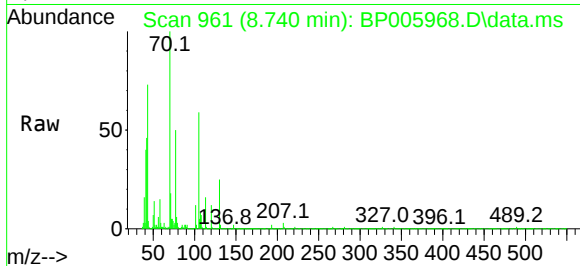




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.849 ng  
RT: 8.740 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

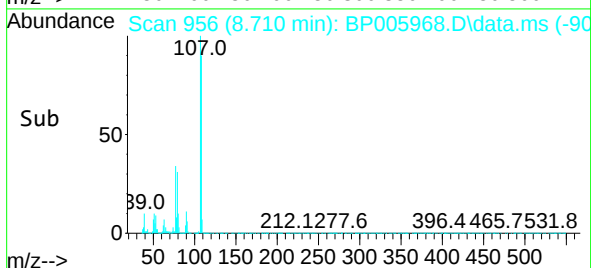
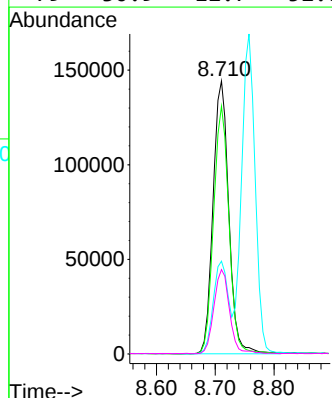
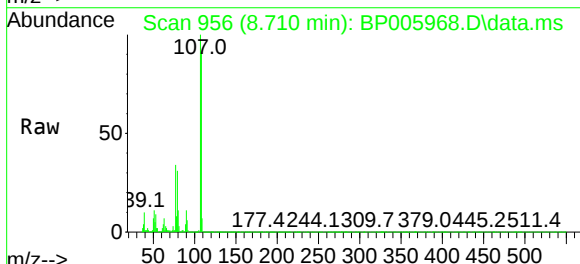
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

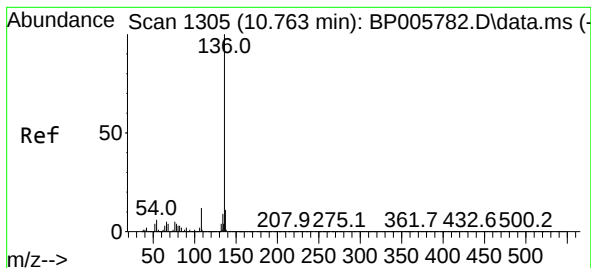
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 168560 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 45.6  | 40.8  | 61.2   |
| 101      | 11.5  | 8.8   | 13.2   |
| 130      | 24.8  | 18.9  | 28.3   |



#20  
3+4-Methylphenols  
Concen: 47.742 ng  
RT: 8.710 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 268165 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.7  | 71.0  | 111.0  |
| 77       | 34.0  | 16.6  | 56.6   |
| 79       | 30.9  | 12.7  | 52.7   |

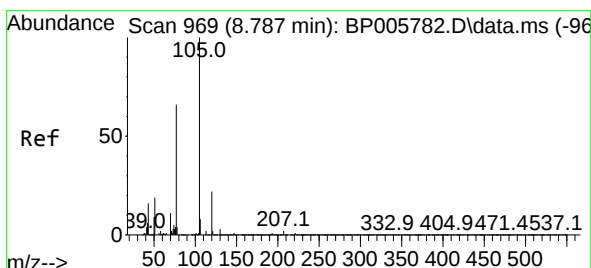
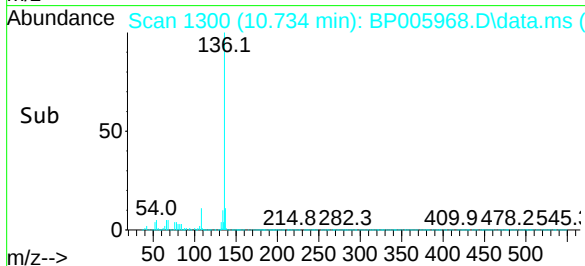
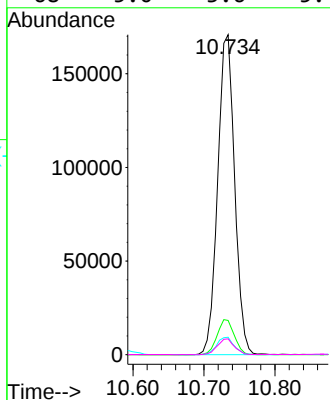
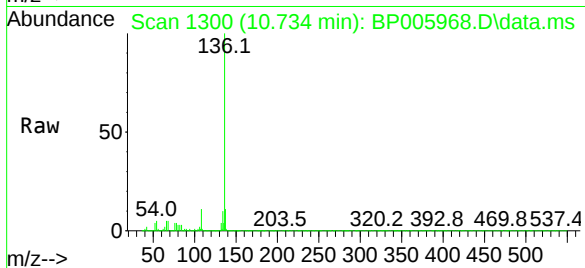




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.734 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

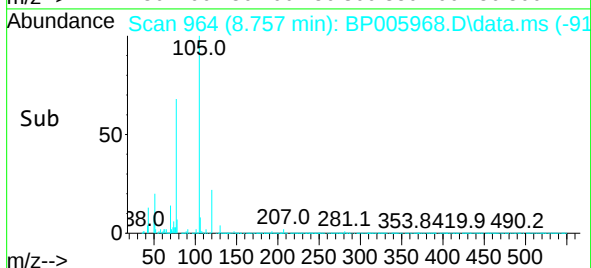
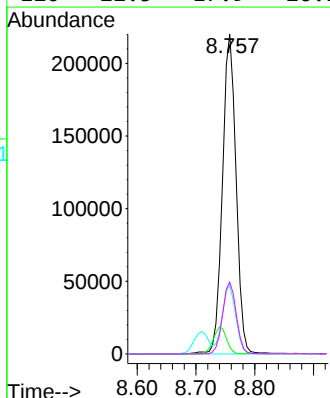
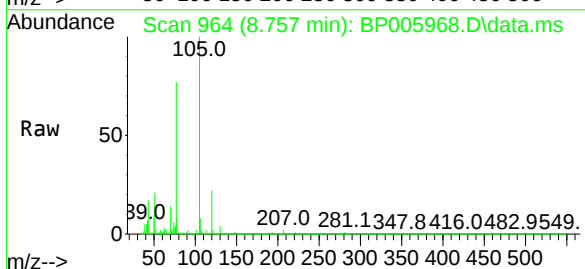
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

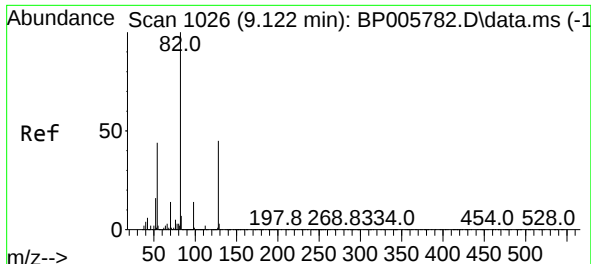
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 281990 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.7  | 8.6   | 12.8   |
| 54        | 5.4   | 4.6   | 6.8    |
| 68        | 5.0   | 3.6   | 5.4    |



#22  
Acetophenone  
Concen: 47.795 ng  
RT: 8.757 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 354745 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.2   | 1.9   | 2.9    |
| 51        | 21.5  | 18.4  | 27.6   |
| 120       | 22.5  | 17.9  | 26.9   |

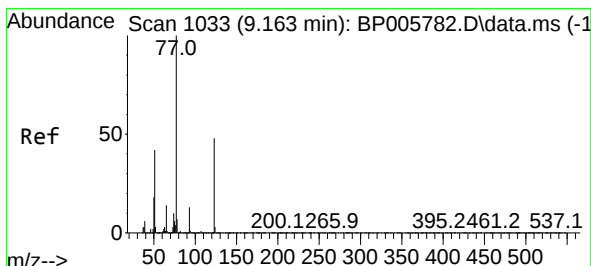
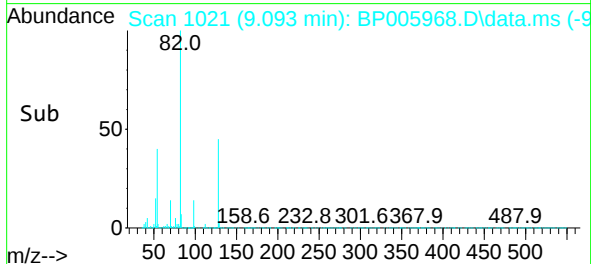
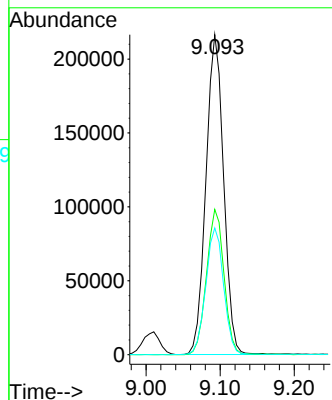
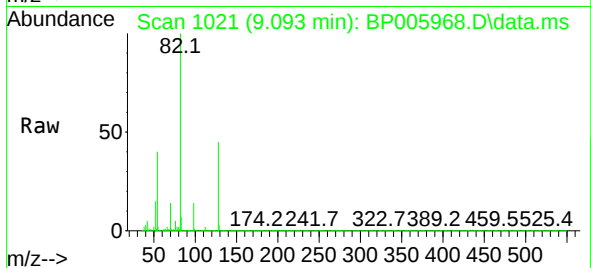




#23  
Nitrobenzene-d5  
Concen: 62.364 ng  
RT: 9.093 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

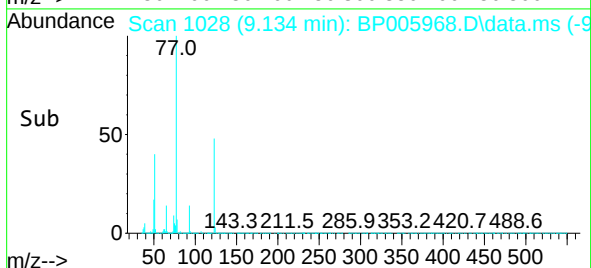
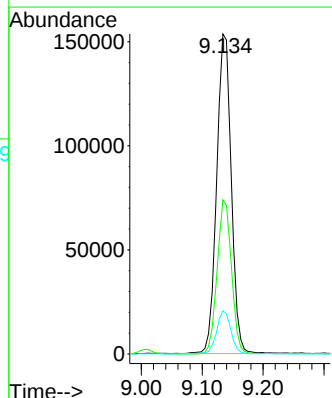
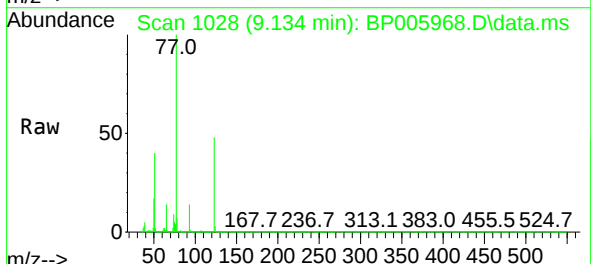
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

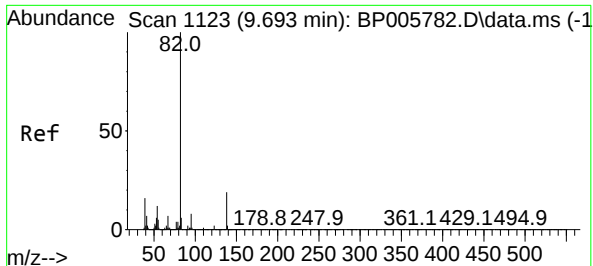
Tgt Ion: 82 Resp: 358698  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.7 53.5  
54 39.6 35.0 52.4



#24  
Nitrobenzene  
Concen: 42.845 ng  
RT: 9.134 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 77 Resp: 255898  
Ion Ratio Lower Upper  
77 100  
123 48.2 38.2 57.2  
65 13.5 11.4 17.2

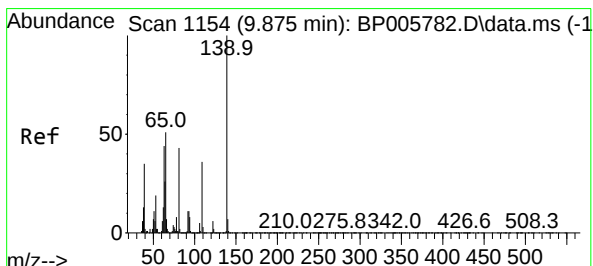
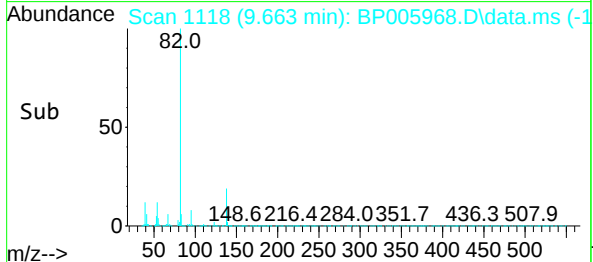
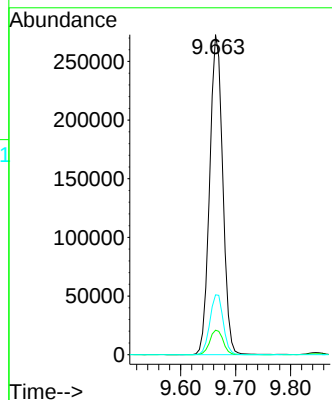
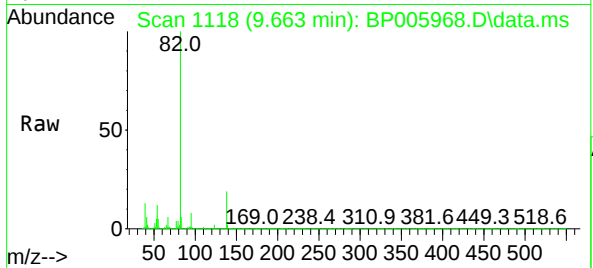




#25  
Isophorone  
Concen: 42.338 ng  
RT: 9.663 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

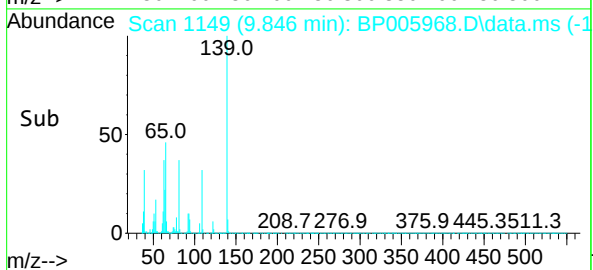
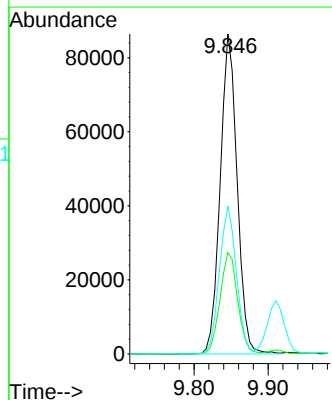
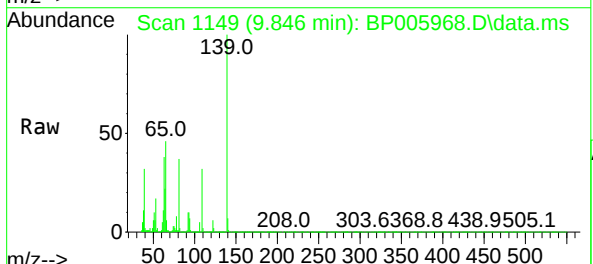
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

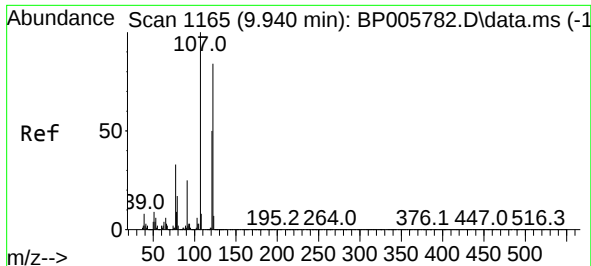
Tgt Ion: 82 Resp: 449710  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.5 9.7  
138 18.7 15.0 22.4



#26  
2-Nitrophenol  
Concen: 48.122 ng  
RT: 9.846 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 139 Resp: 137135  
Ion Ratio Lower Upper  
139 100  
109 31.7 28.8 43.2  
65 46.0 41.0 61.6

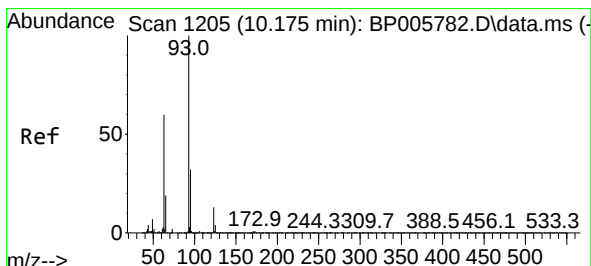
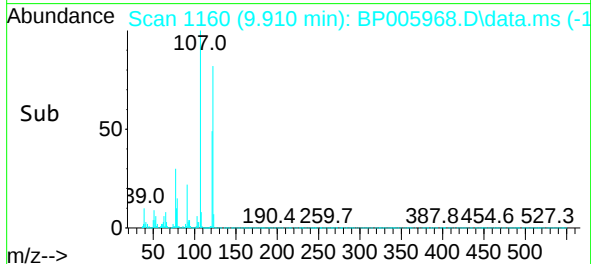
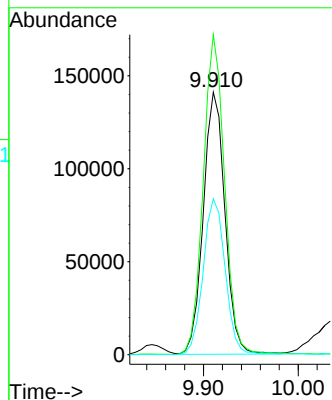
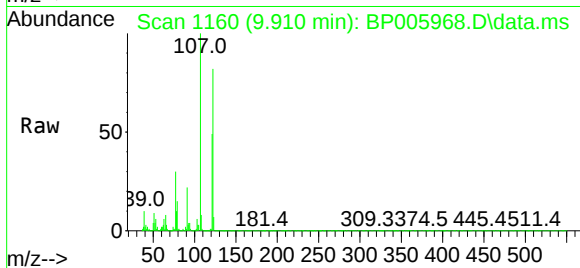




#27  
2,4-Dimethylphenol  
Concen: 52.793 ng  
RT: 9.910 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

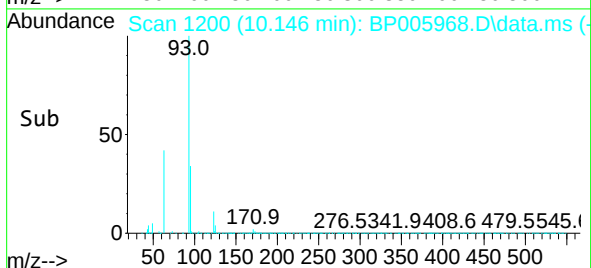
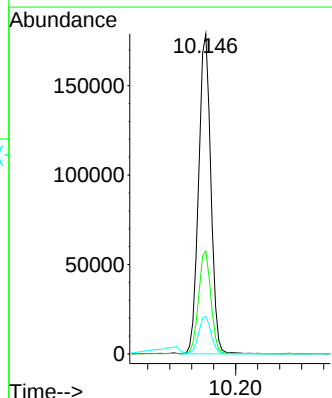
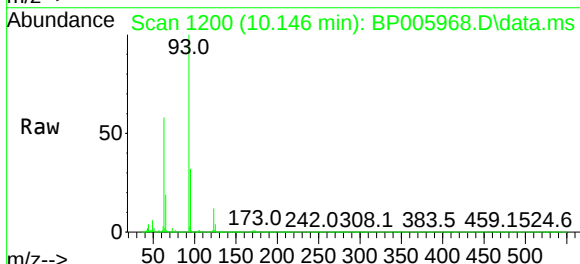
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

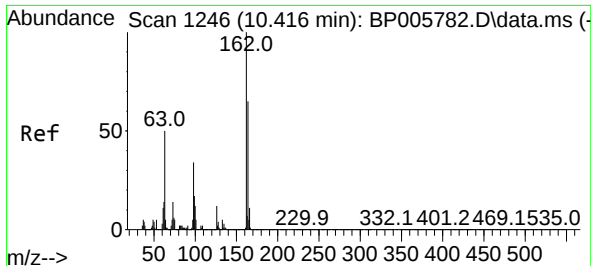
Tgt Ion:122 Resp: 224131  
Ion Ratio Lower Upper  
122 100  
107 121.9 94.5 141.7  
121 59.4 47.4 71.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.744 ng  
RT: 10.146 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 93 Resp: 275758  
Ion Ratio Lower Upper  
93 100  
95 32.2 25.9 38.9  
123 11.8 10.2 15.2

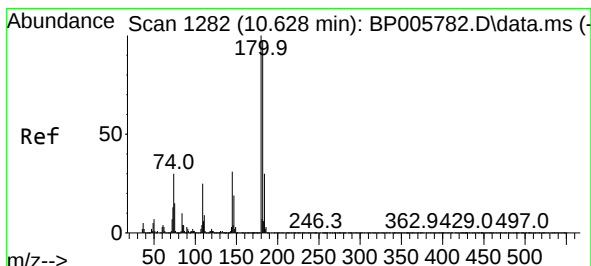
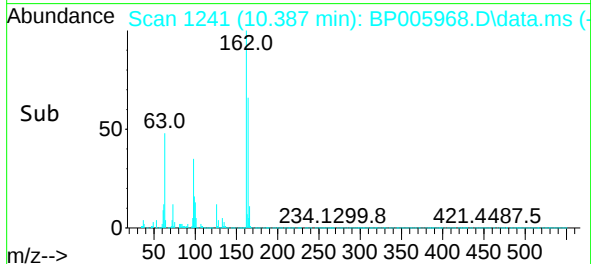
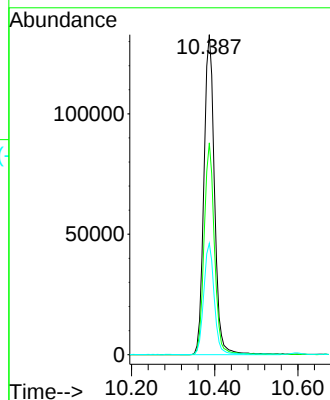
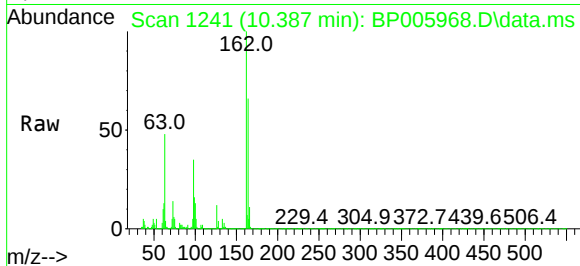




#29  
2,4-Dichlorophenol  
Concen: 46.086 ng  
RT: 10.387 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

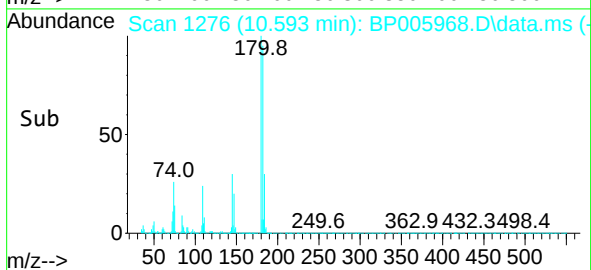
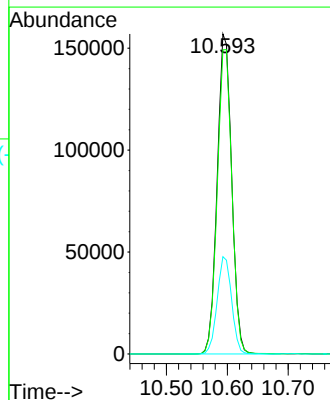
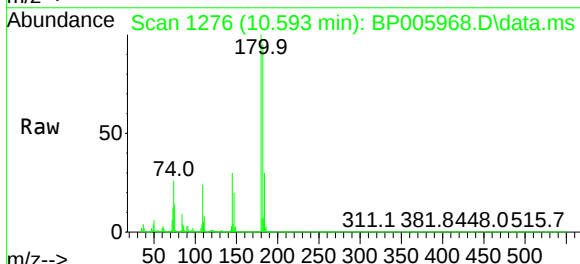
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

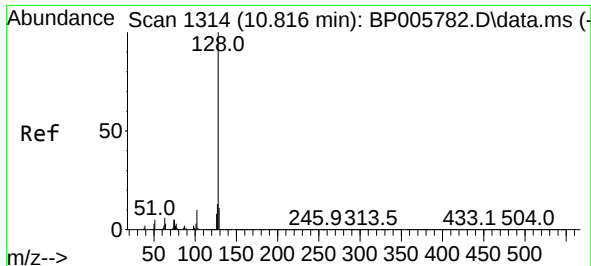
Tgt Ion:162 Resp: 235131  
Ion Ratio Lower Upper  
162 100  
164 66.2 44.9 84.9  
98 34.8 14.3 54.3



#30  
1,2,4-Trichlorobenzene  
Concen: 45.067 ng  
RT: 10.593 min Scan# 1276  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:180 Resp: 258360  
Ion Ratio Lower Upper  
180 100  
182 95.1 77.9 116.9  
145 30.4 24.7 37.1

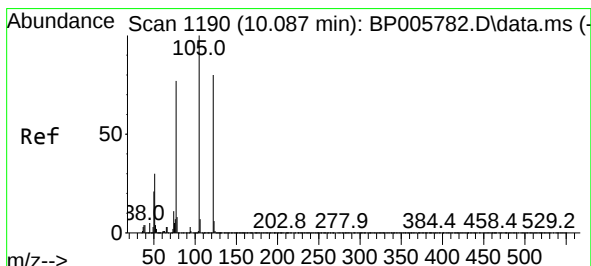
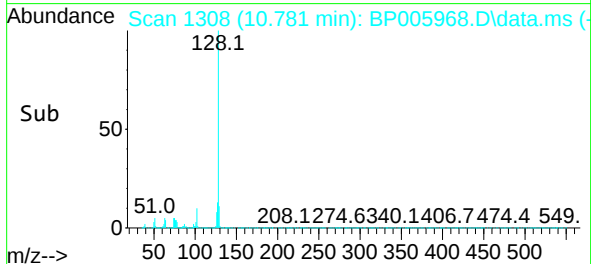
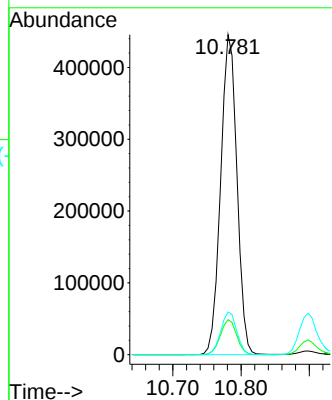
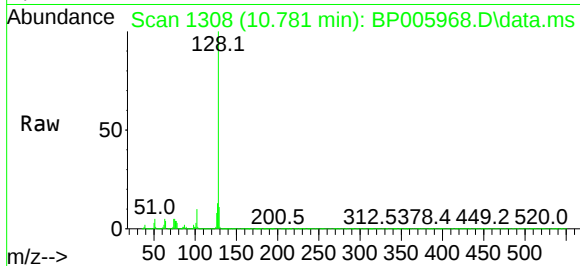




#31  
Naphthalene  
Concen: 45.386 ng  
RT: 10.781 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

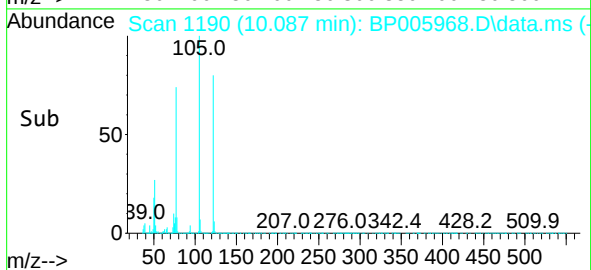
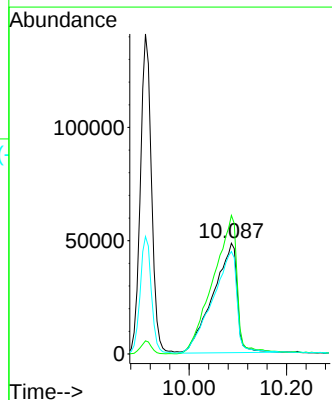
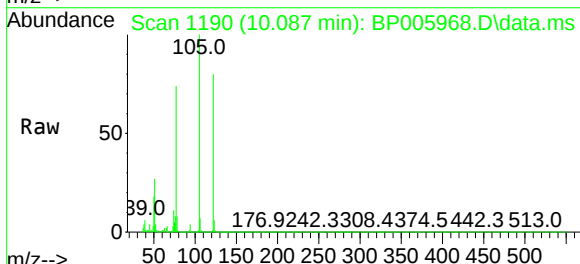
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

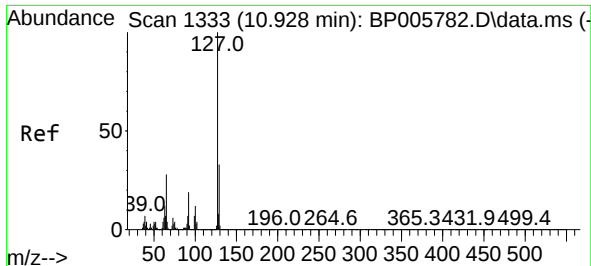
Tgt Ion:128 Resp: 740506  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.4 10.7 16.1



#32  
Benzoic acid  
Concen: 51.907 ng  
RT: 10.087 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:122 Resp: 166995  
Ion Ratio Lower Upper  
122 100  
105 125.1 103.2 143.2  
77 92.6 76.2 116.2

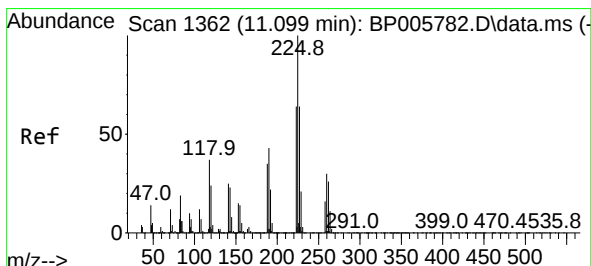
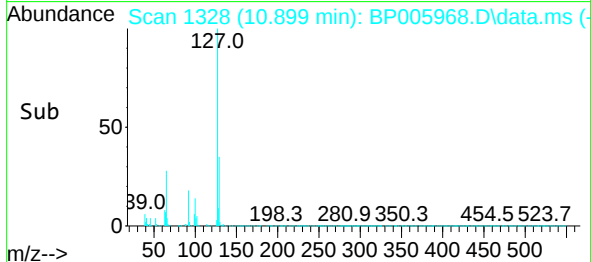
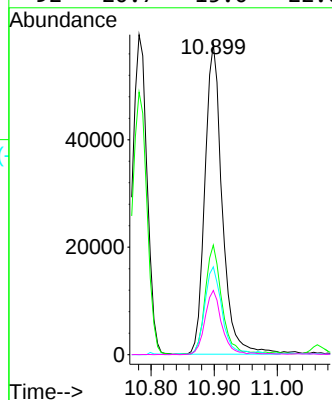
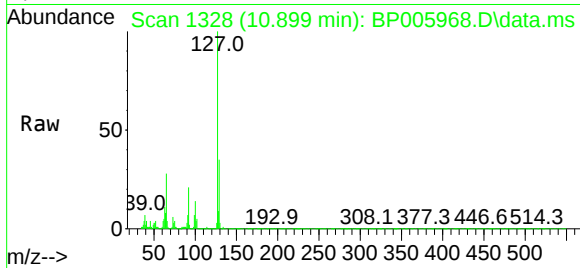




#33  
4-Chloroaniline  
Concen: 16.712 ng  
RT: 10.899 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

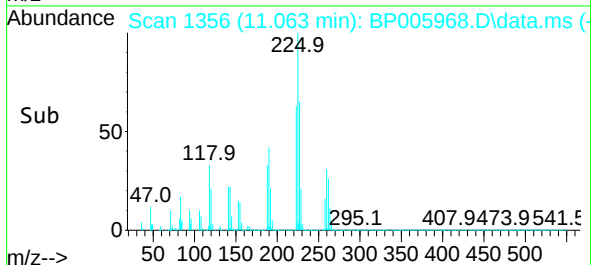
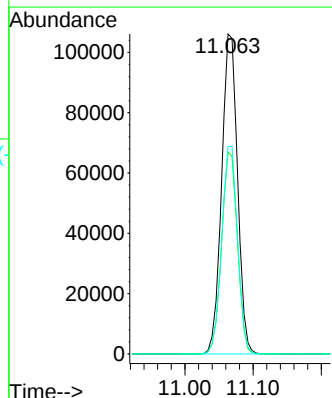
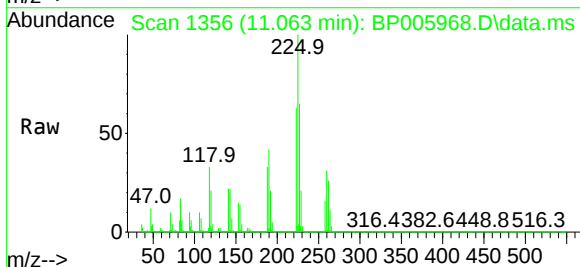
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

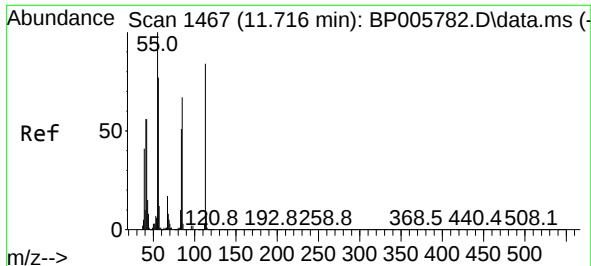
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 110150 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 35.3  | 26.1  | 39.1   |
| 65       | 28.3  | 22.5  | 33.7   |
| 92       | 20.7  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 44.314 ng  
RT: 11.063 min Scan# 1356  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 171833 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 51.0  | 76.6   |
| 227      | 64.7  | 51.4  | 77.2   |

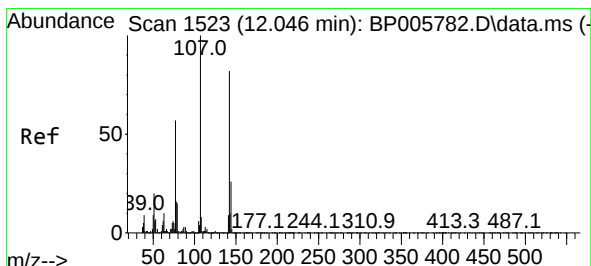
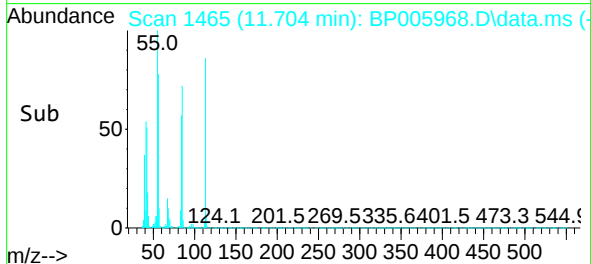
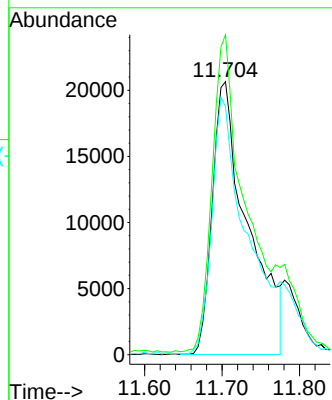
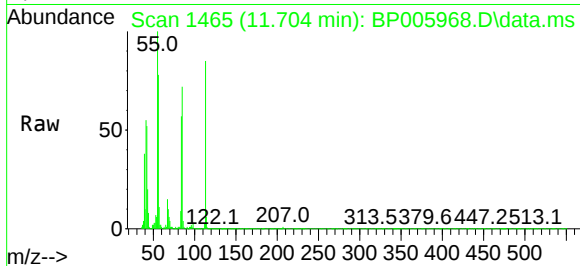




#35  
Caprolactam  
Concen: 44.320 ng  
RT: 11.704 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

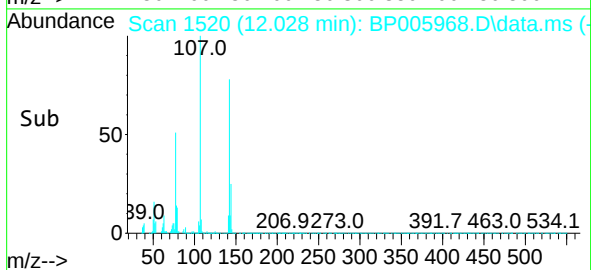
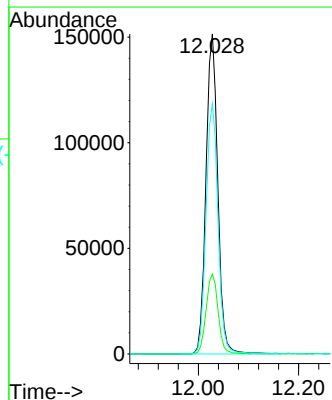
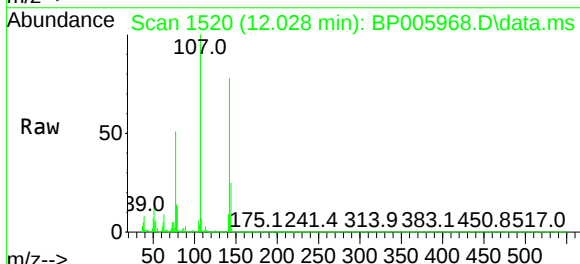
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

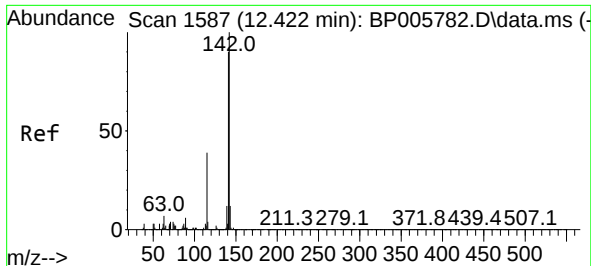
Tgt Ion:113 Resp: 65133  
Ion Ratio Lower Upper  
113 100  
55 117.2 98.9 138.9  
56 90.9 71.7 111.7



#36  
4-Chloro-3-methylphenol  
Concen: 47.843 ng  
RT: 12.028 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:107 Resp: 247855  
Ion Ratio Lower Upper  
107 100  
144 24.9 21.1 31.7  
142 78.1 66.0 99.0

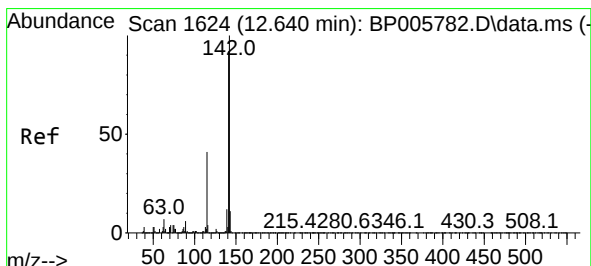
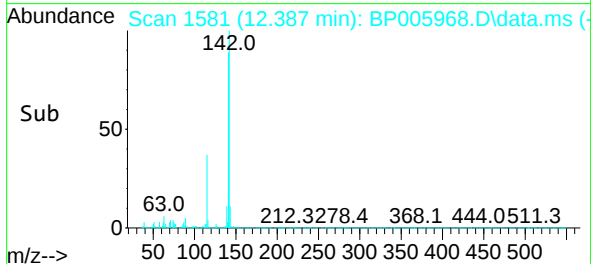
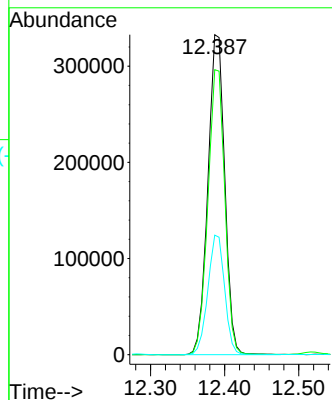
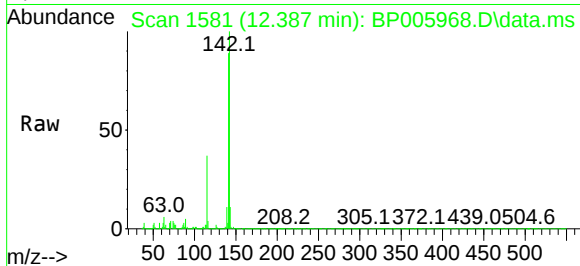




#37  
2-Methylnaphthalene  
Concen: 45.176 ng  
RT: 12.387 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

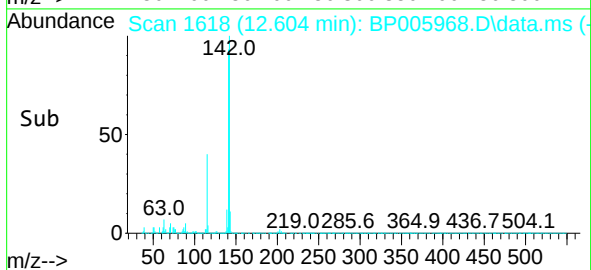
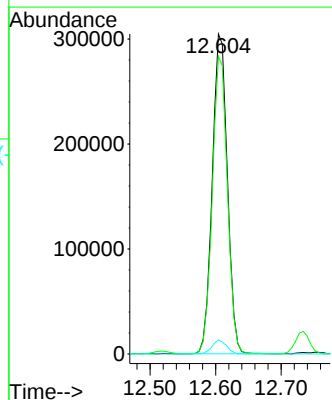
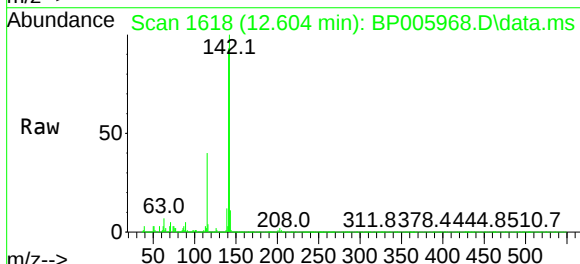
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

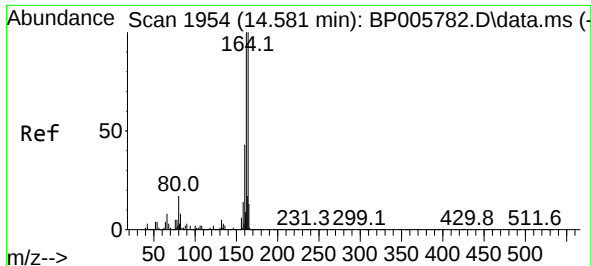
Tgt Ion:142 Resp: 524793  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.8 107.6  
115 37.3 31.6 47.4



#38  
1-Methylnaphthalene  
Concen: 44.336 ng  
RT: 12.604 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:142 Resp: 485131  
Ion Ratio Lower Upper  
142 100  
141 93.0 73.3 109.9  
116 4.4 3.5 5.3

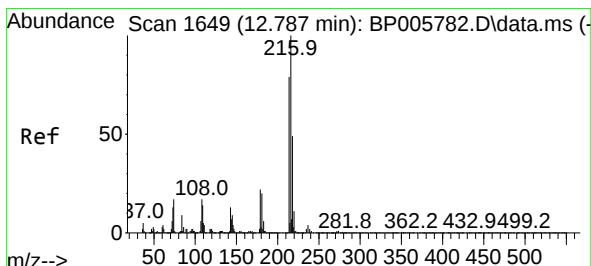
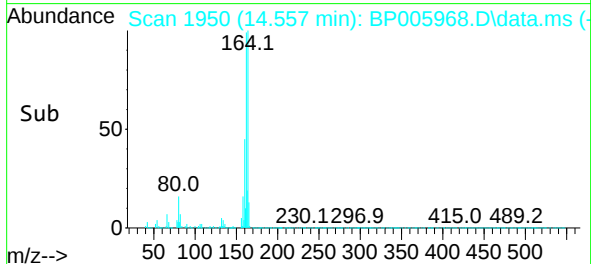
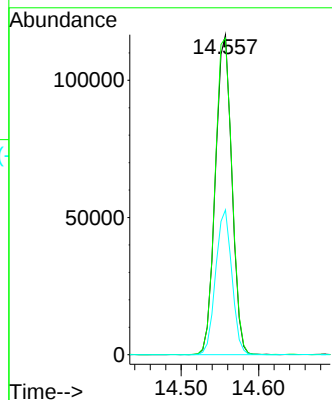
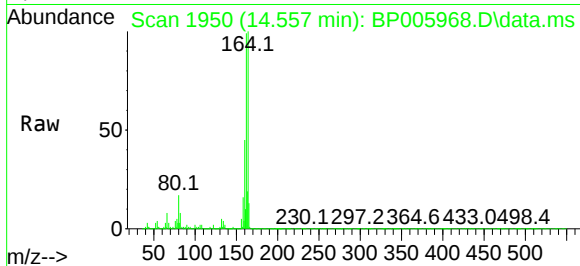




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

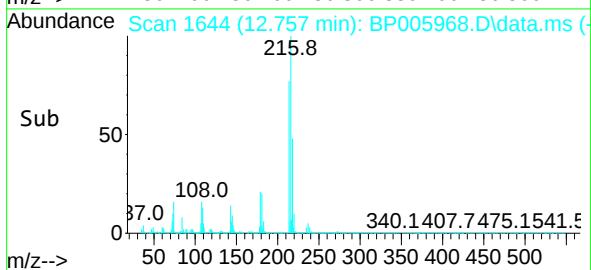
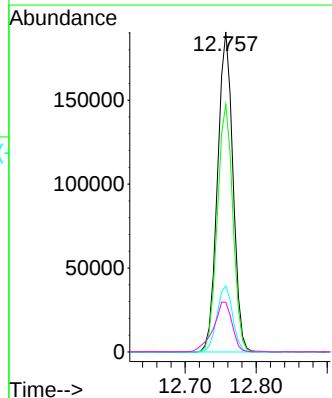
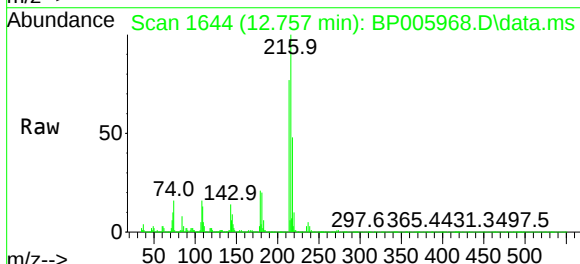
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BNA\_P  
ClientSampleId :  
VNJ-214MSD

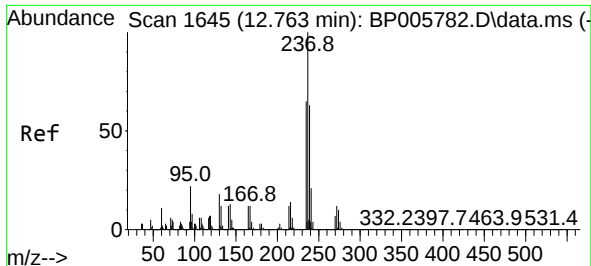
Tgt Ion:164 Resp: 171745  
Ion Ratio Lower Upper  
164 100  
162 99.0 80.2 120.2  
160 45.3 34.5 51.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.245 ng  
RT: 12.757 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:216 Resp: 285608  
Ion Ratio Lower Upper  
216 100  
214 77.9 61.9 92.9  
179 21.0 16.8 25.2  
108 18.9 14.9 22.3

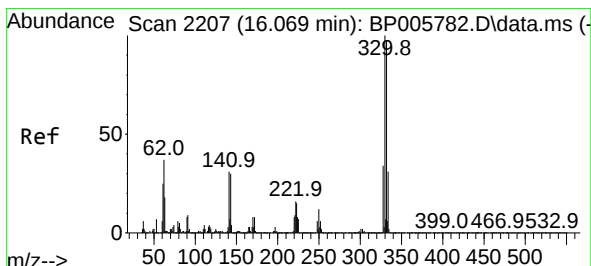
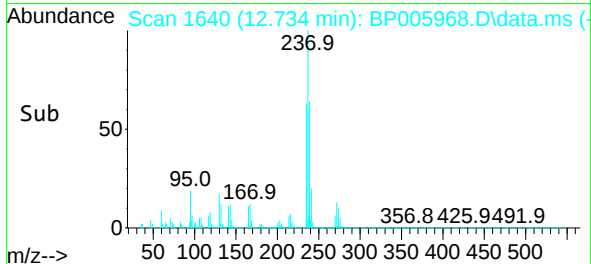
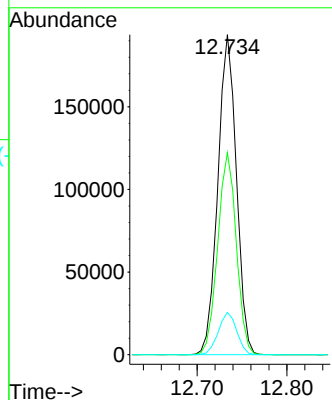
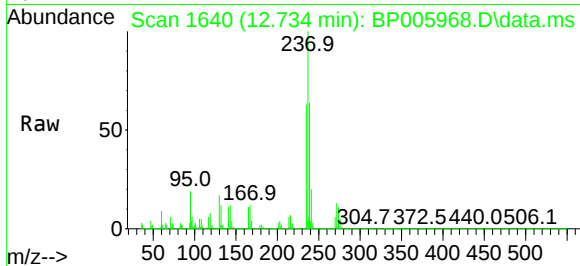




#41  
Hexachlorocyclopentadiene  
Concen: 90.689 ng  
RT: 12.734 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

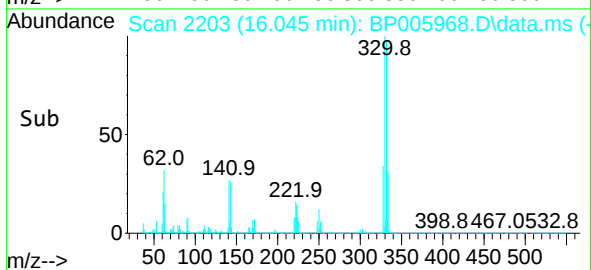
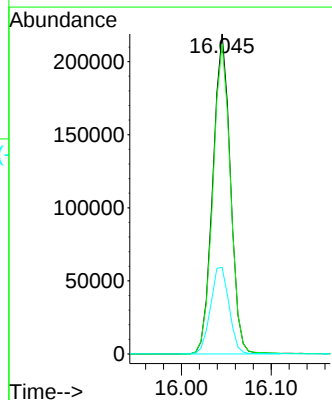
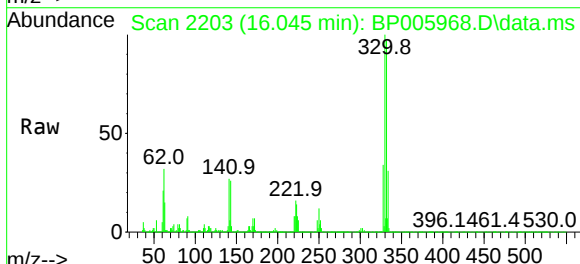
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

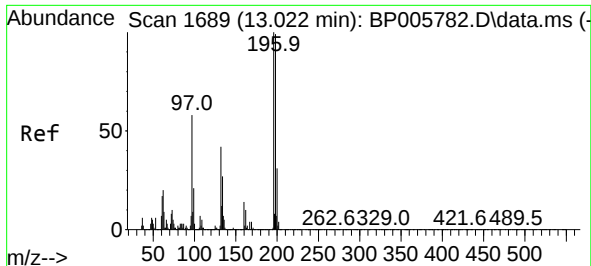
Tgt Ion:237 Resp: 277859  
Ion Ratio Lower Upper  
237 100  
235 63.2 44.5 84.5  
272 13.2 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 100.516 ng  
RT: 16.045 min Scan# 2203  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:330 Resp: 296249  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.8 116.8  
141 28.9 25.4 38.2

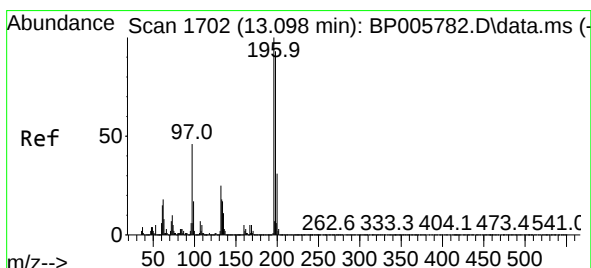
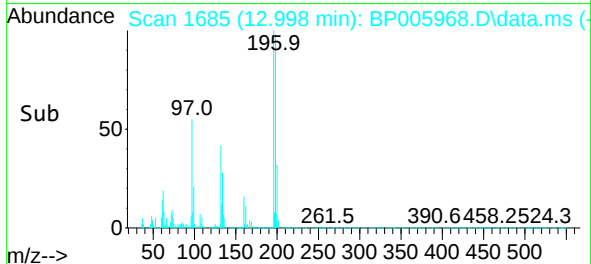
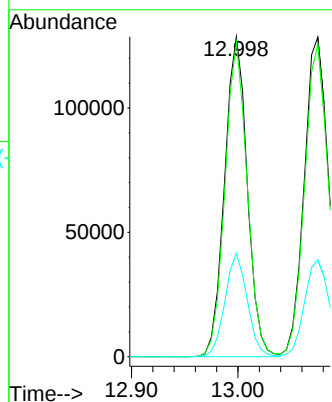
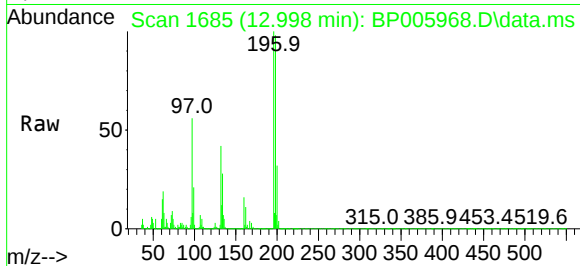




#43  
2,4,6-Trichlorophenol  
Concen: 45.945 ng  
RT: 12.998 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

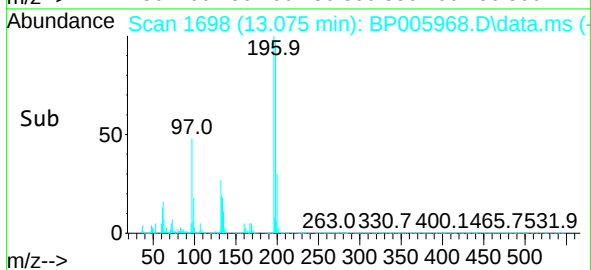
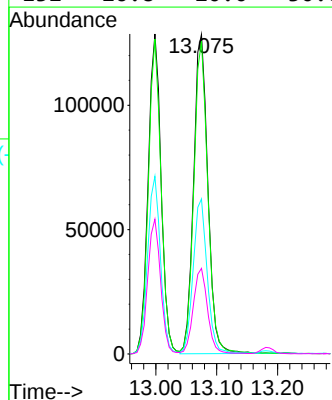
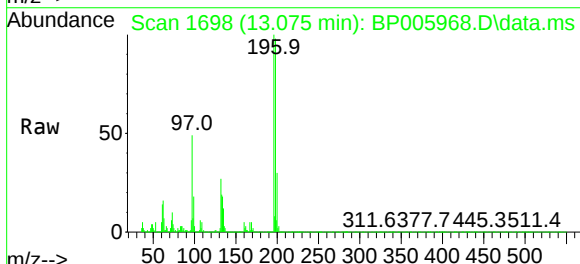
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

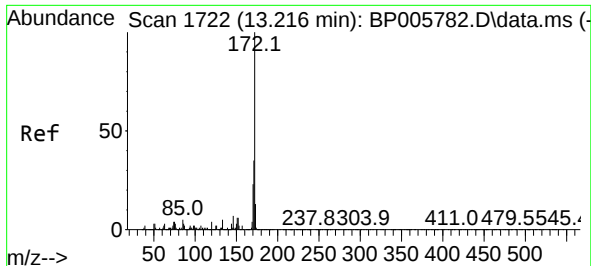
Tgt Ion:196 Resp: 190511  
Ion Ratio Lower Upper  
196 100  
198 98.4 79.5 119.3  
200 32.3 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 46.703 ng  
RT: 13.075 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:196 Resp: 208558  
Ion Ratio Lower Upper  
196 100  
198 97.8 74.7 112.1  
97 48.5 37.4 56.0  
132 26.8 20.0 30.0

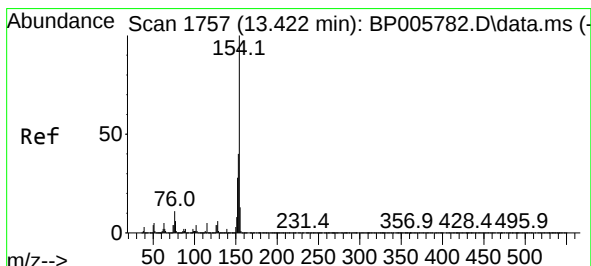
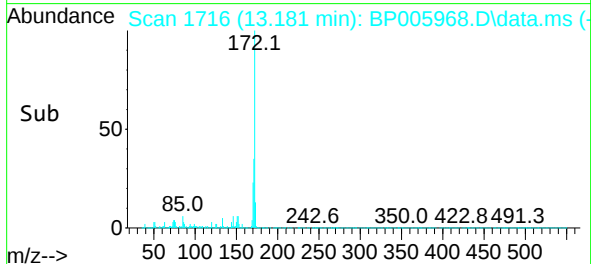
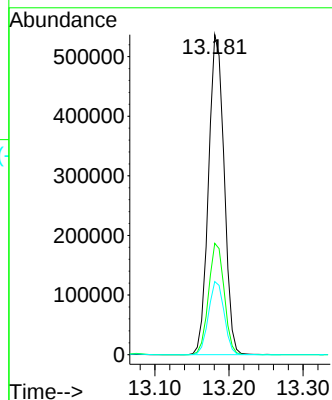
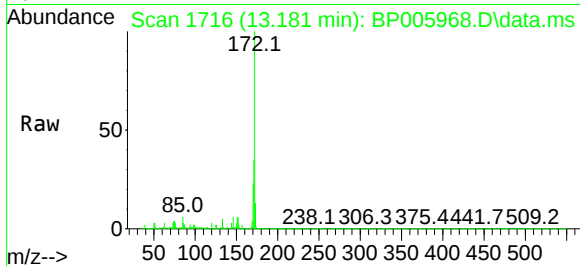




#45  
2-Fluorobiphenyl  
Concen: 59.951 ng  
RT: 13.181 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

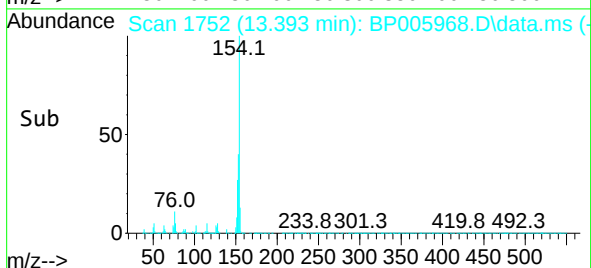
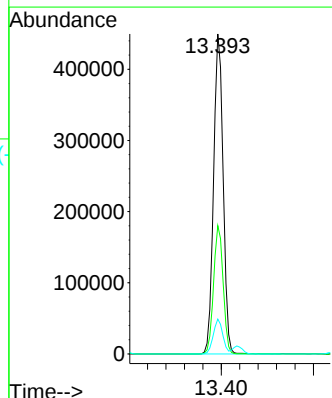
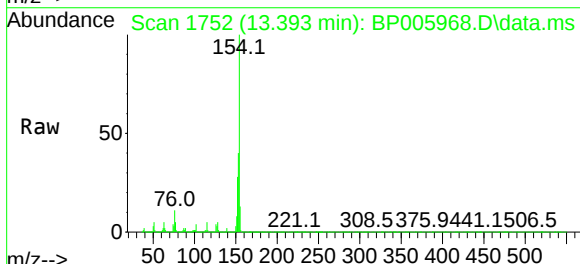
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

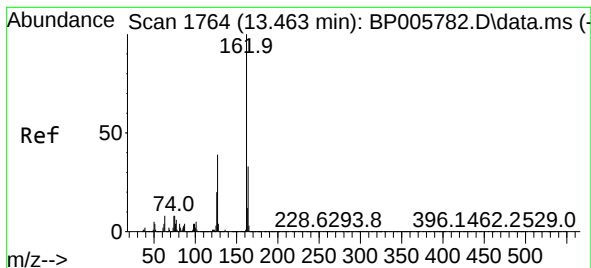
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 784105    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.8  | 27.9 41.9 |
| 170         | 22.9  | 18.6 27.8 |



#46  
1,1'-Biphenyl  
Concen: 46.708 ng  
RT: 13.393 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:154 | Resp: | 646787    |
| Ion Ratio   | Lower | Upper     |
| 154         | 100   |           |
| 153         | 40.1  | 20.4 60.4 |
| 76          | 10.9  | 0.0 30.8  |

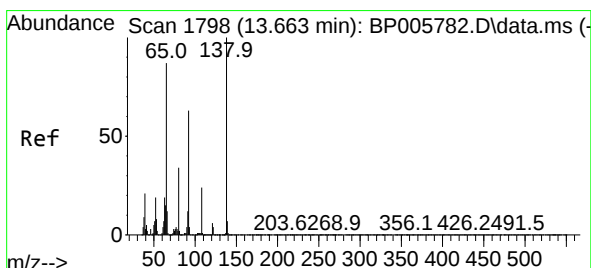
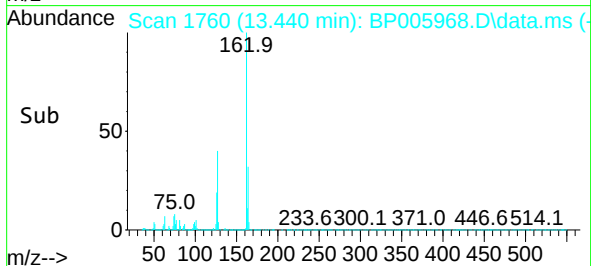
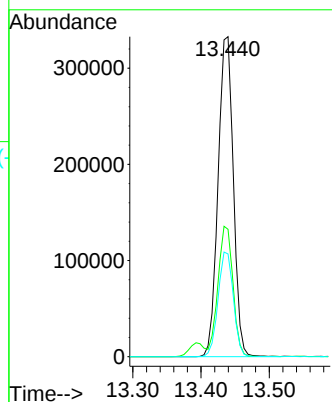
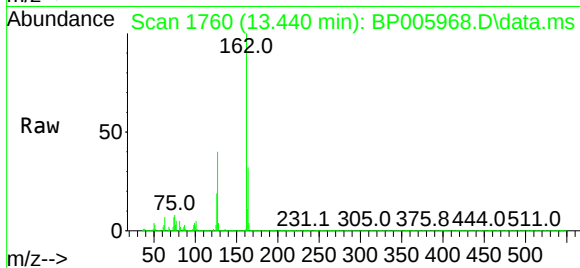




#47  
2-Chloronaphthalene  
Concen: 45.921 ng  
RT: 13.440 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

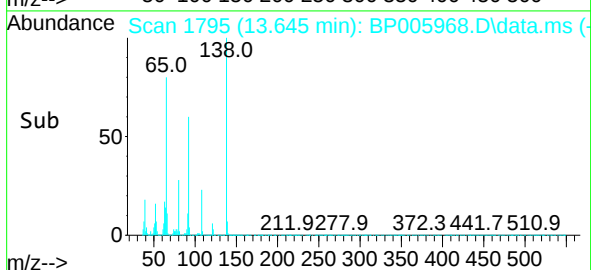
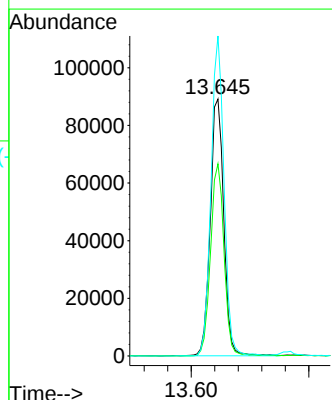
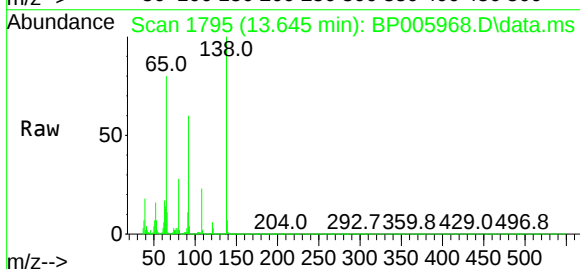
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

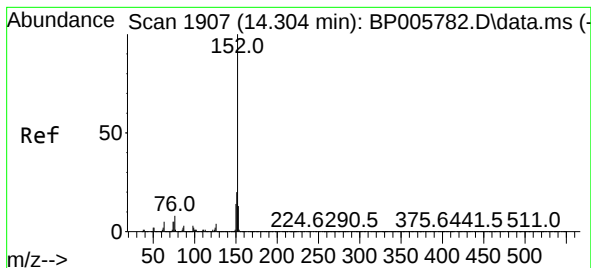
Tgt Ion:162 Resp: 519258  
Ion Ratio Lower Upper  
162 100  
127 39.8 31.4 47.0  
164 32.1 26.6 39.8



#48  
2-Nitroaniline  
Concen: 47.869 ng  
RT: 13.645 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion: 65 Resp: 142318  
Ion Ratio Lower Upper  
65 100  
92 74.8 57.7 86.5  
138 124.5 92.1 138.1





#49

Acenaphthylene

Concen: 47.378 ng

RT: 14.281 min Scan# 1903

Delta R.T. 0.000 min

Lab File: BP005968.D

Acq: 17 Jun 2021 16:40

Instrument :

BNA\_P

ClientSampleId :

VNJ-214MSD

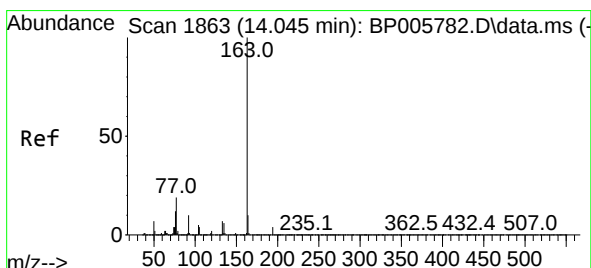
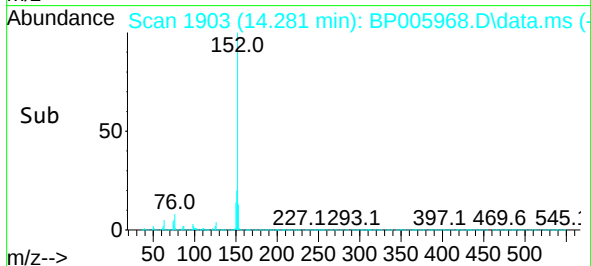
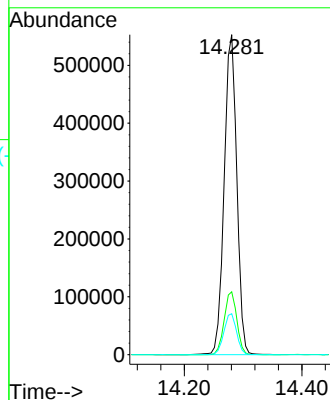
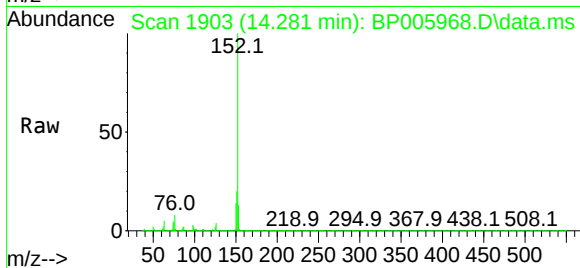
Tgt Ion:152 Resp: 821908

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 12.8 10.6 16.0



#50

Dimethylphthalate

Concen: 46.060 ng

RT: 14.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BP005968.D

Acq: 17 Jun 2021 16:40

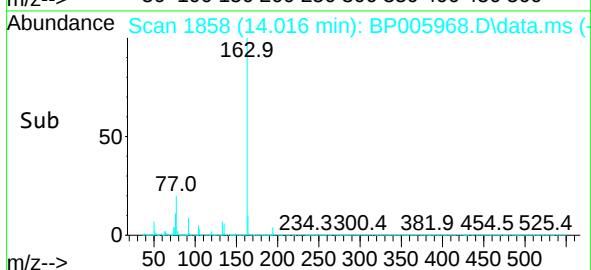
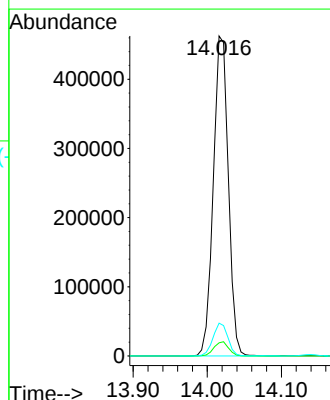
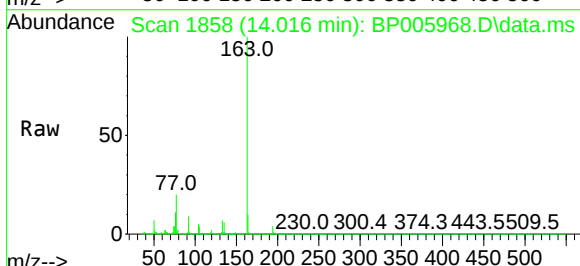
Tgt Ion:163 Resp: 650415

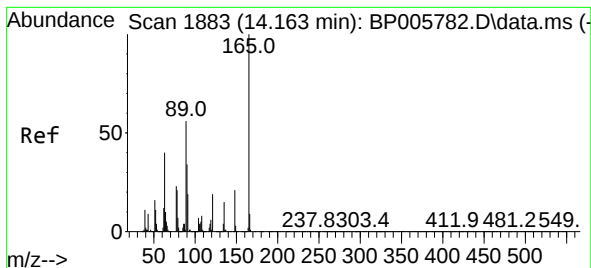
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.3 8.2 12.2

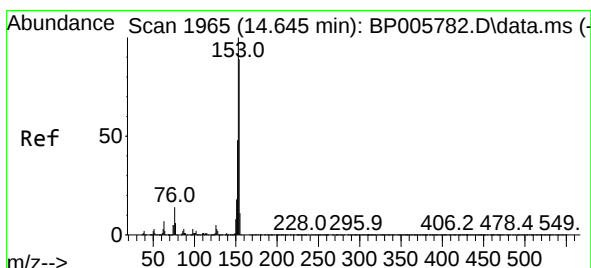
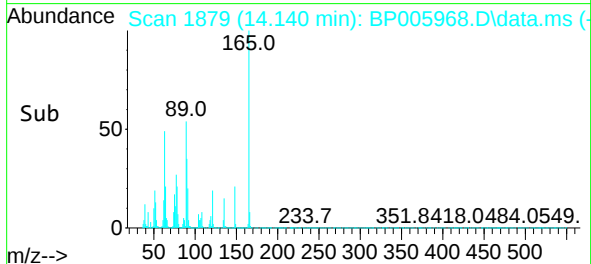
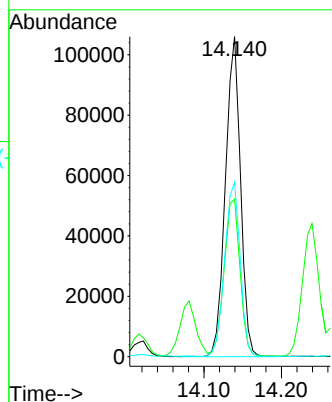
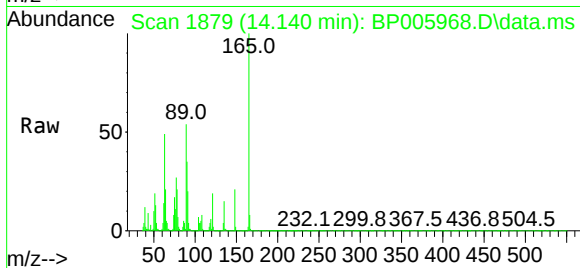




#51  
2,6-Dinitrotoluene  
Concen: 44.728 ng  
RT: 14.140 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

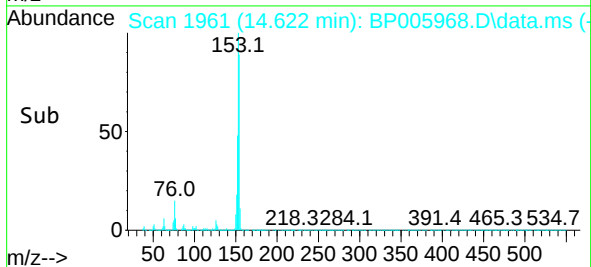
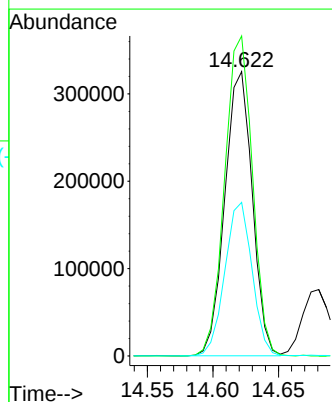
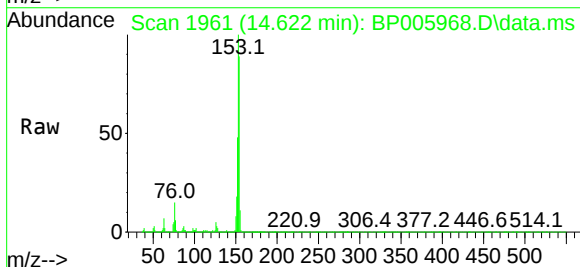
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

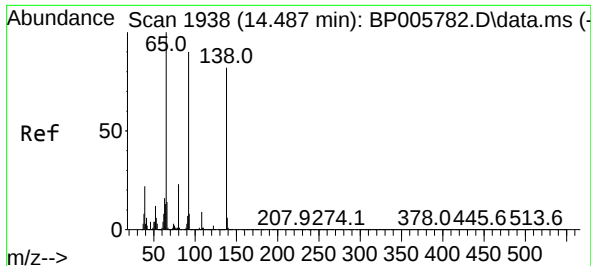
Tgt Ion:165 Resp: 143558  
Ion Ratio Lower Upper  
165 100  
63 49.2 41.3 61.9  
89 54.5 44.8 67.2



#52  
Acenaphthene  
Concen: 45.050 ng  
RT: 14.622 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:154 Resp: 474604  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.4 134.2  
152 54.0 43.0 64.4

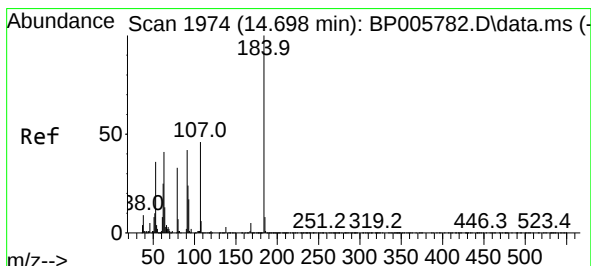
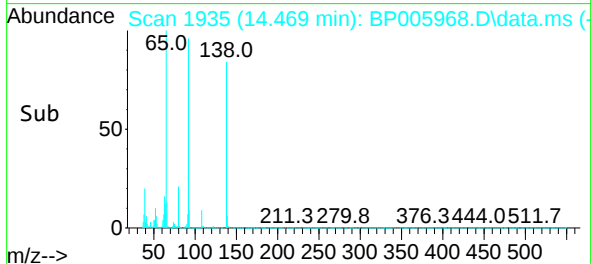
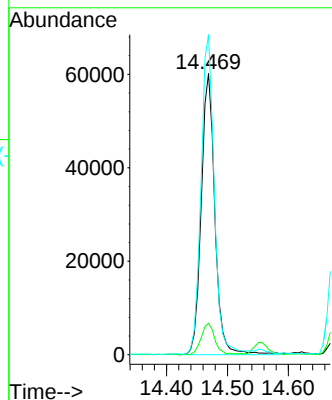
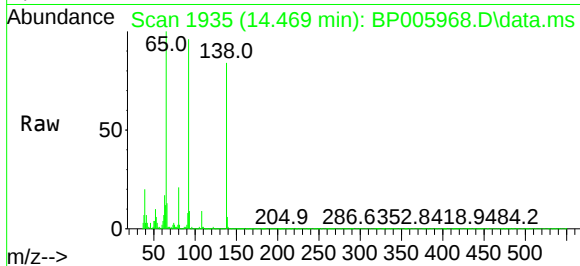




#53  
3-Nitroaniline  
Concen: 29.968 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

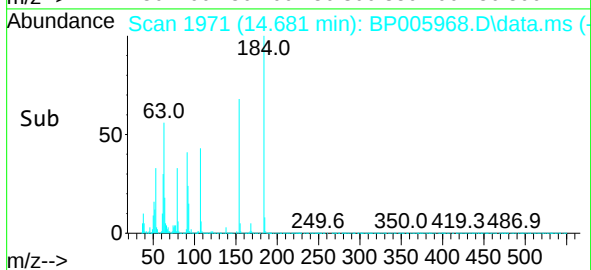
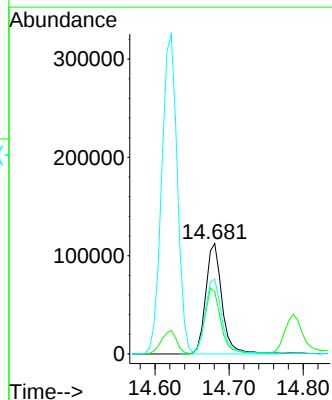
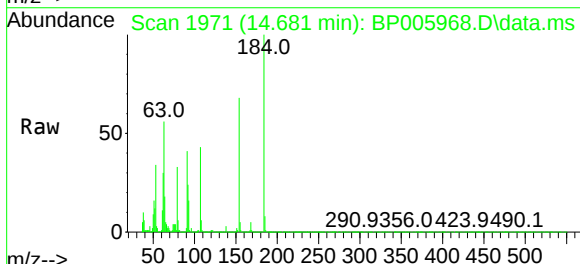
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

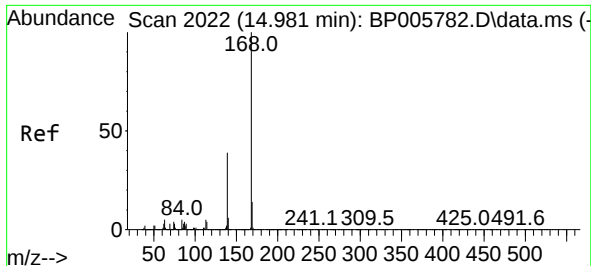
Tgt Ion:138 Resp: 93223  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.4 12.6  
92 113.8 87.8 131.8



#54  
2,4-Dinitrophenol  
Concen: 89.278 ng  
RT: 14.681 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:184 Resp: 171562  
Ion Ratio Lower Upper  
184 100  
63 56.4 47.0 70.6  
154 67.7 52.3 78.5

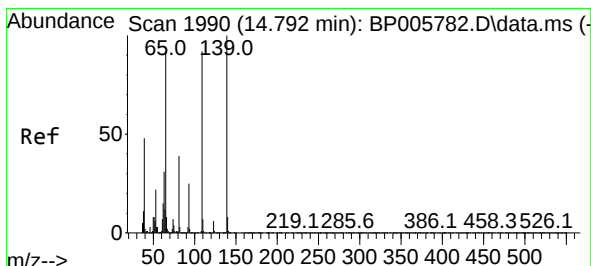
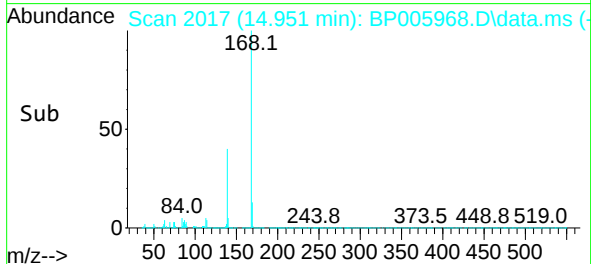
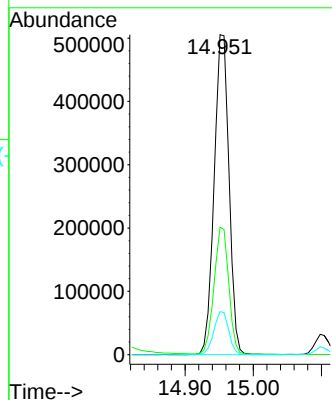
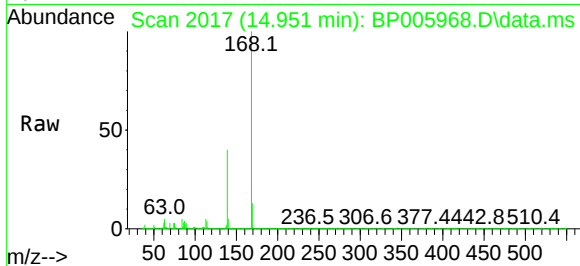




#55  
Dibenzofuran  
Concen: 44.251 ng  
RT: 14.951 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

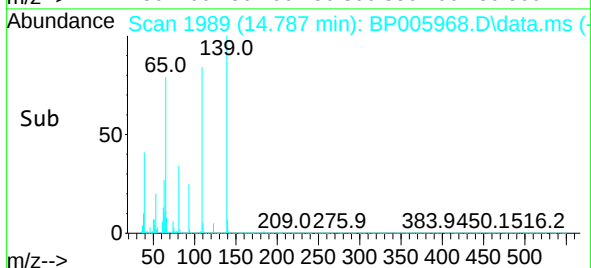
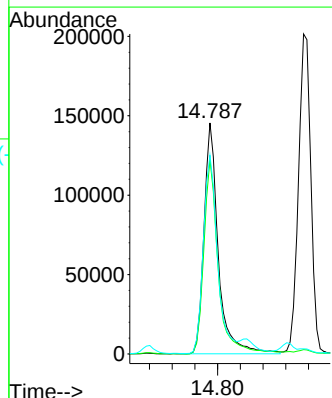
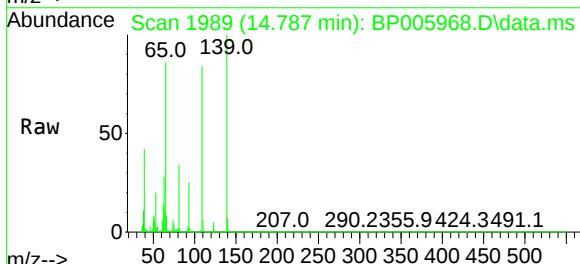
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

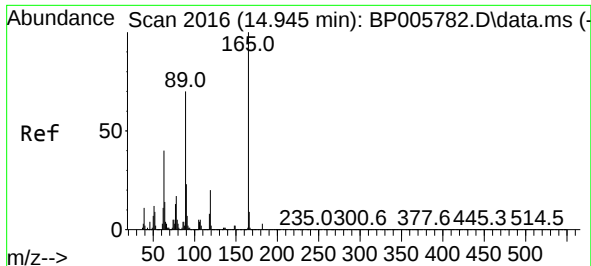
Tgt Ion:168 Resp: 766664  
Ion Ratio Lower Upper  
168 100  
139 39.9 31.0 46.6  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 101.310 ng  
RT: 14.787 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:139 Resp: 255445  
Ion Ratio Lower Upper  
139 100  
109 84.0 72.3 112.3  
65 86.0 72.5 112.5

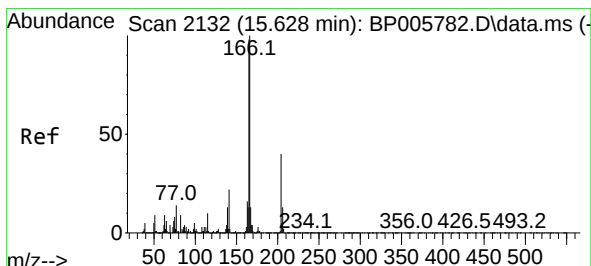
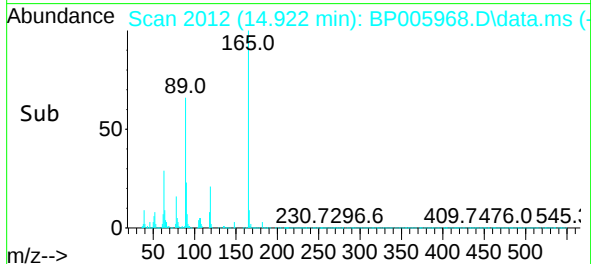
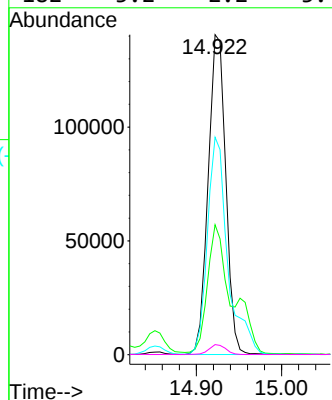
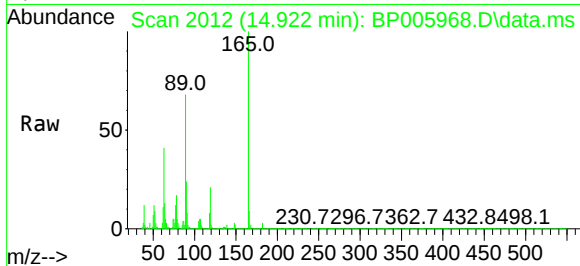




#57  
2,4-Dinitrotoluene  
Concen: 47.055 ng  
RT: 14.922 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

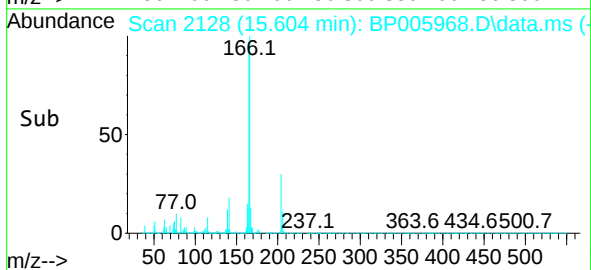
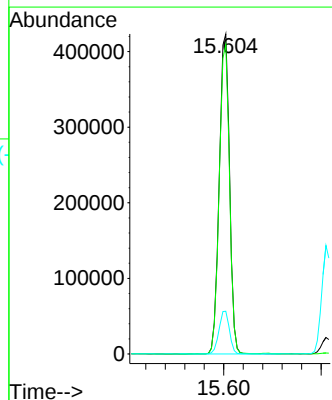
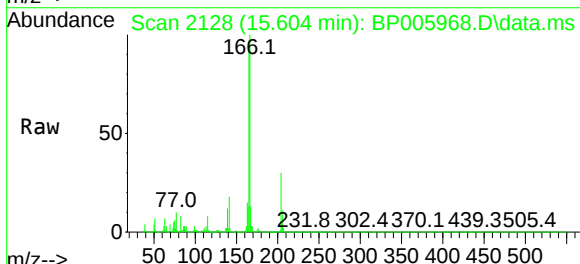
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

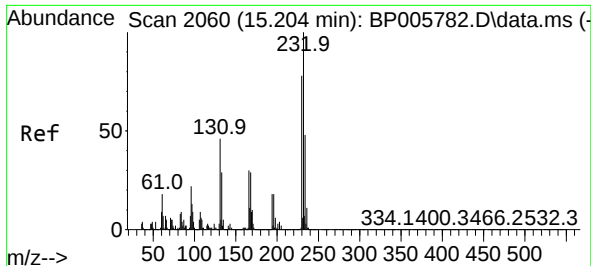
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 201993    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 40.6  | 32.3 48.5 |
| 89          | 68.0  | 55.9 83.9 |
| 182         | 3.2   | 2.2 3.4   |



#58  
Fluorene  
Concen: 45.990 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 620810     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 96.7  | 78.0 117.0 |
| 167         | 13.3  | 10.5 15.7  |

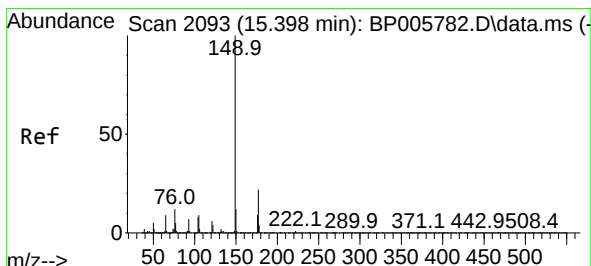
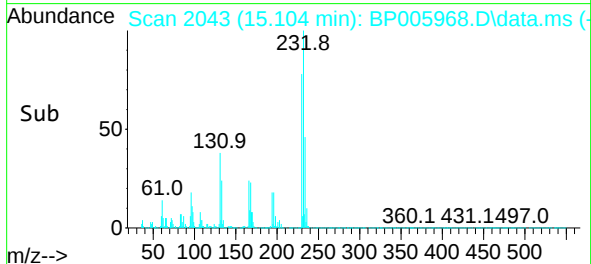
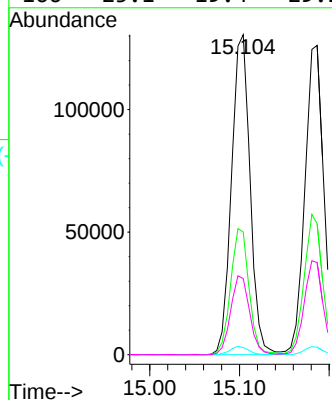
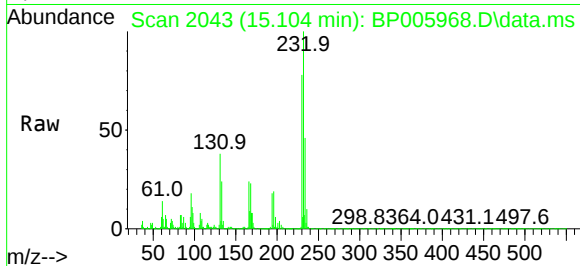




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.600 ng  
RT: 15.104 min Scan# 2043  
Delta R.T. -0.082 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

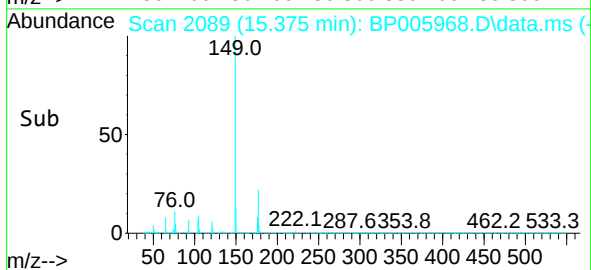
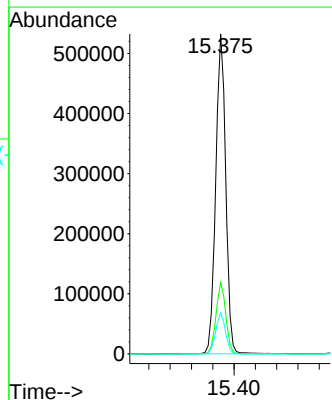
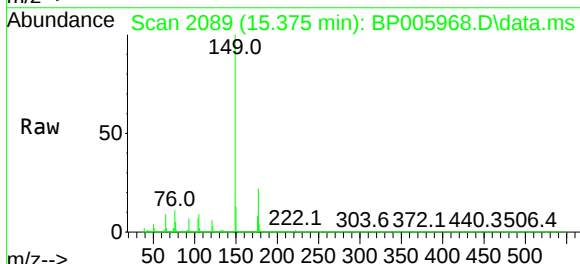
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

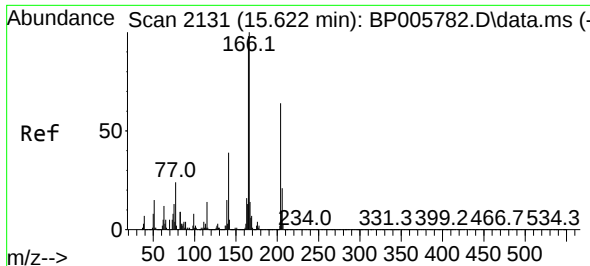
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 187338 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 39.1  | 32.2  | 48.4   |
| 130       | 2.6   | 2.0   | 3.0    |
| 166       | 25.1  | 19.4  | 29.2   |



#60  
Diethylphthalate  
Concen: 49.076 ng  
RT: 15.375 min Scan# 2089  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 695295 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.3  | 17.5  | 26.3   |
| 150       | 12.9  | 9.9   | 14.9   |

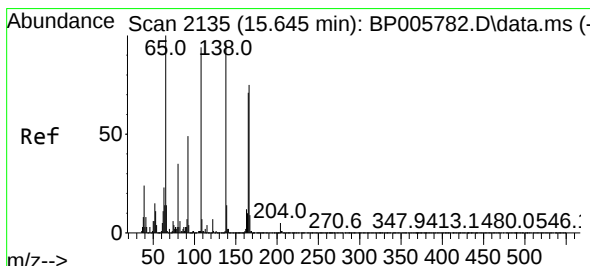
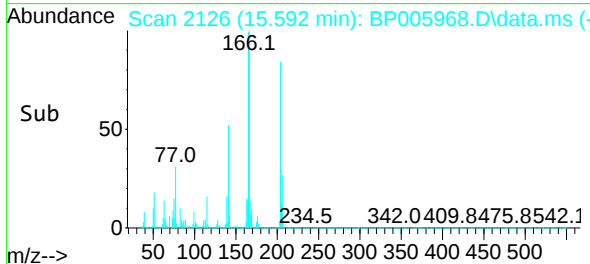
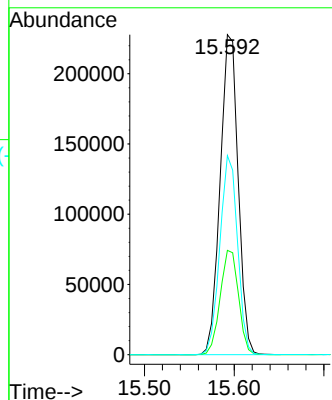
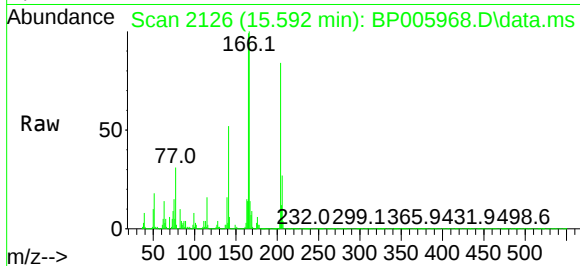




#61  
4-Chlorophenyl-phenylether  
Concen: 45.356 ng  
RT: 15.592 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

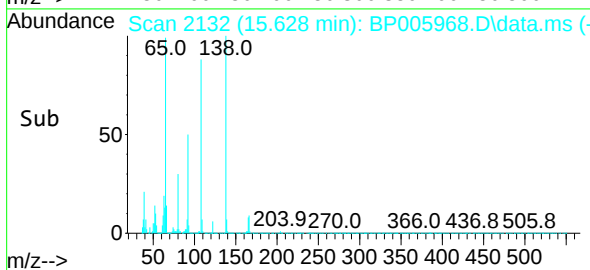
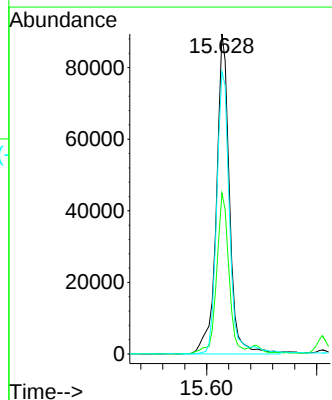
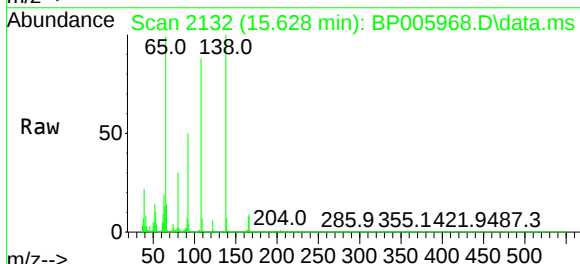
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BNA\_P  
ClientSampleId :  
VNJ-214MSD

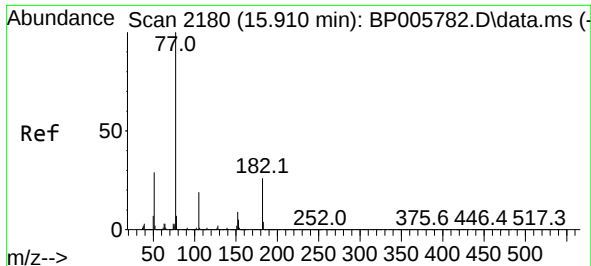
Tgt Ion:204 Resp: 317481  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 62.2 48.6 73.0



#62  
4-Nitroaniline  
Concen: 46.277 ng  
RT: 15.628 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:138 Resp: 148169  
Ion Ratio Lower Upper  
138 100  
92 50.3 31.2 71.2  
108 88.2 78.6 118.6

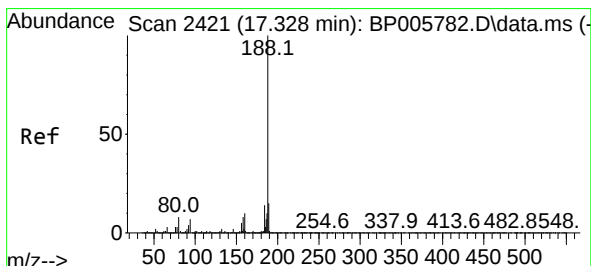
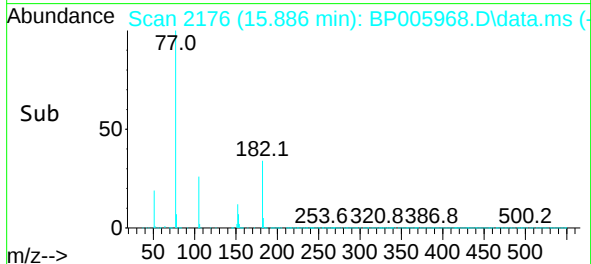
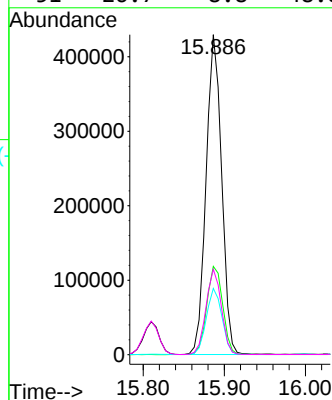
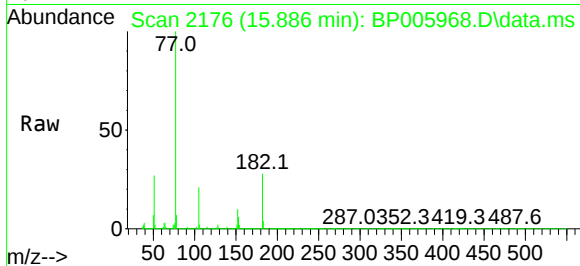




#63  
Azobenzene  
Concen: 44.427 ng  
RT: 15.886 min Scan# 2176  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

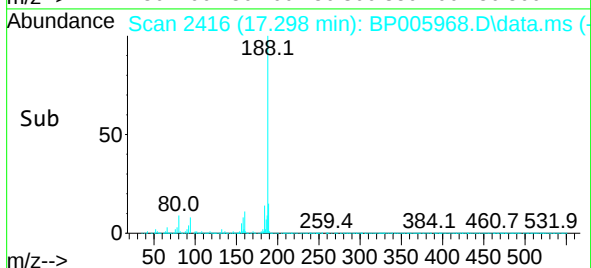
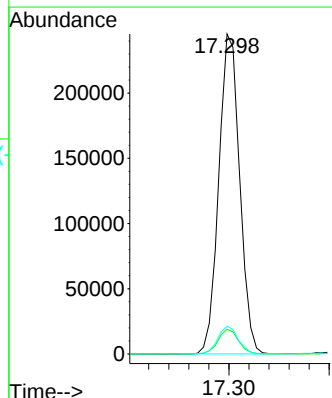
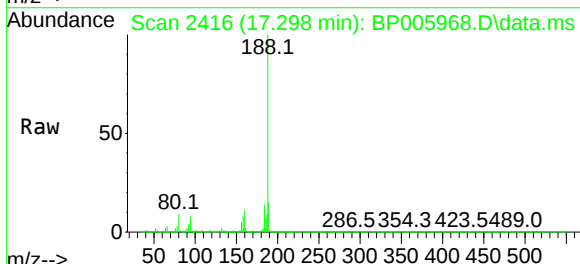
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

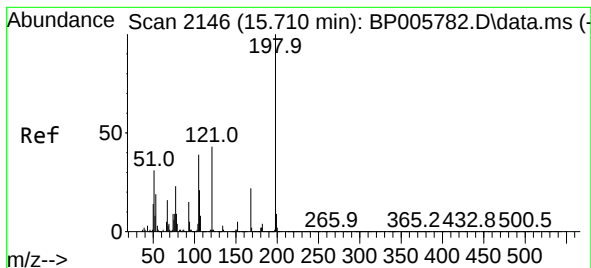
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 569444 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.6    | 6.0 46.0     |
| 105 20.7    | 0.0 38.8     |
| 51 26.7     | 8.8 48.8     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 353453 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 7.7       | 5.6 8.4      |
| 80 8.6       | 6.3 9.5      |

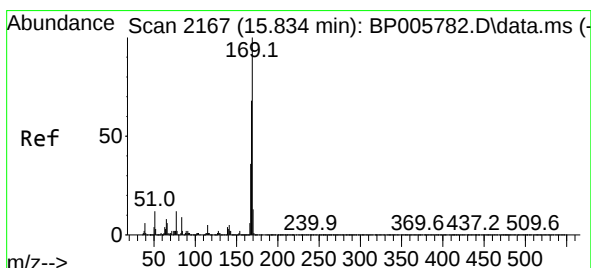
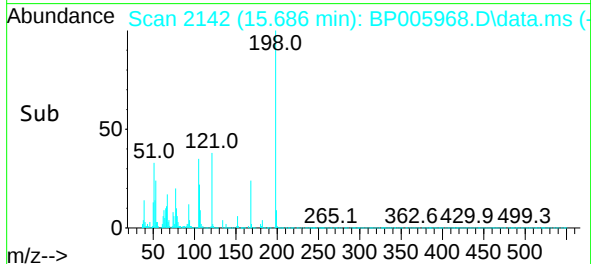
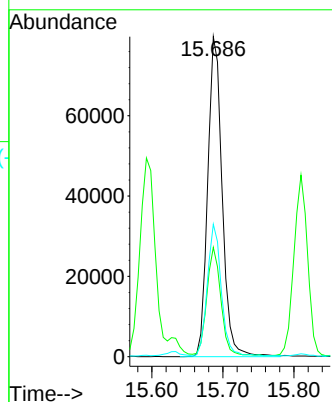
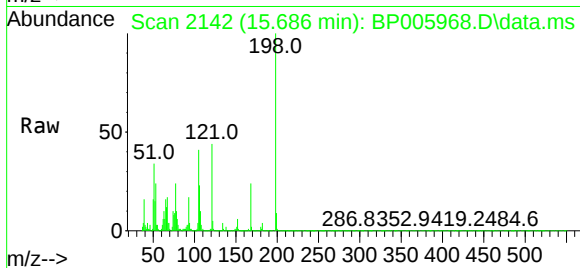




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.449 ng  
RT: 15.686 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

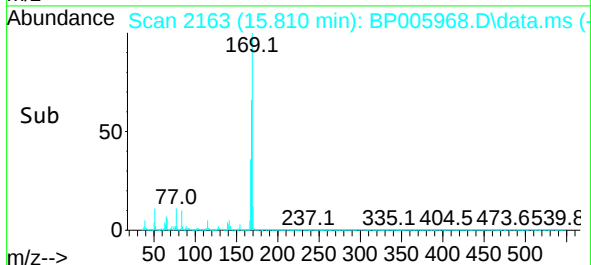
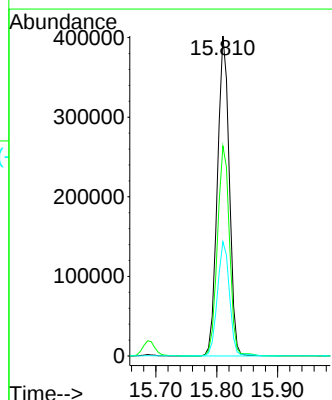
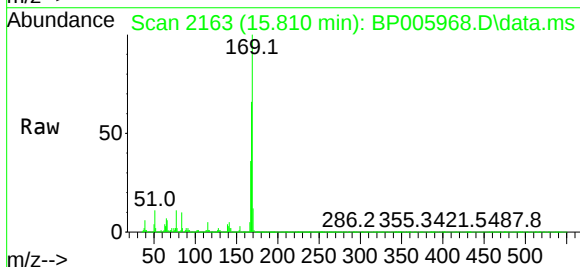
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

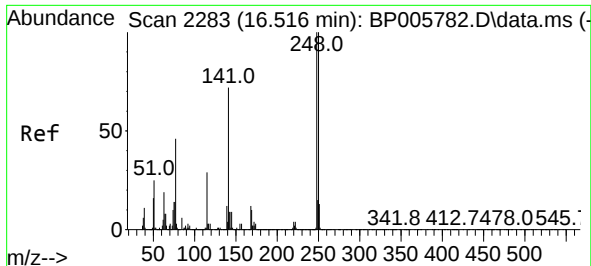
Tgt Ion:198 Resp: 112856  
Ion Ratio Lower Upper  
198 100  
51 34.1 14.0 54.0  
105 41.4 19.5 59.5



#66  
n-Nitrosodiphenylamine  
Concen: 46.314 ng  
RT: 15.810 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:169 Resp: 542852  
Ion Ratio Lower Upper  
169 100  
168 65.6 54.4 81.6  
167 35.7 29.0 43.6

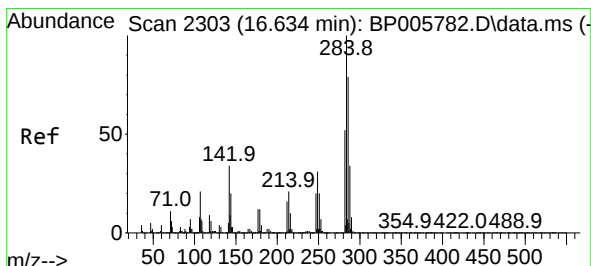
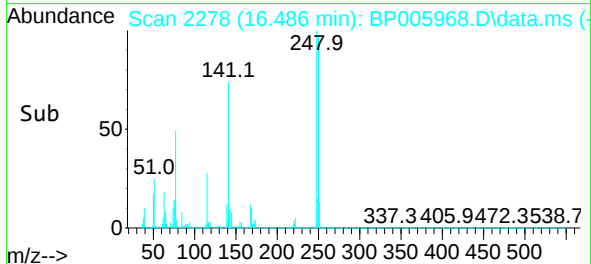
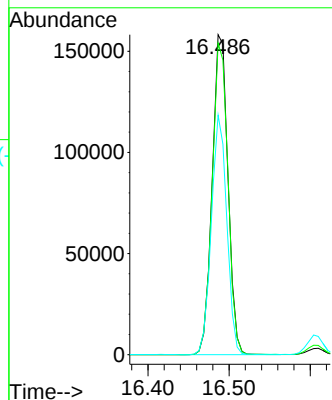
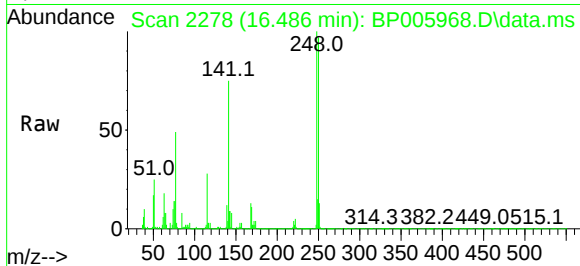




#67  
4-Bromophenyl-phenylether  
Concen: 46.960 ng  
RT: 16.486 min Scan# 2278  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

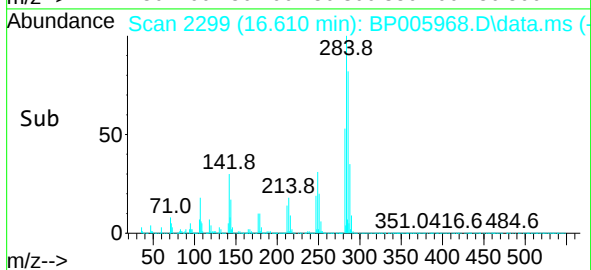
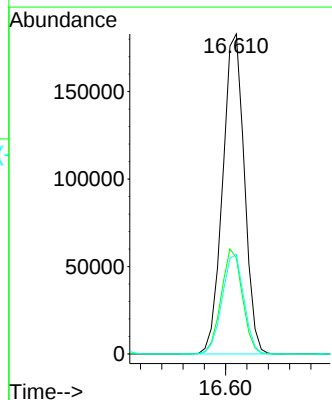
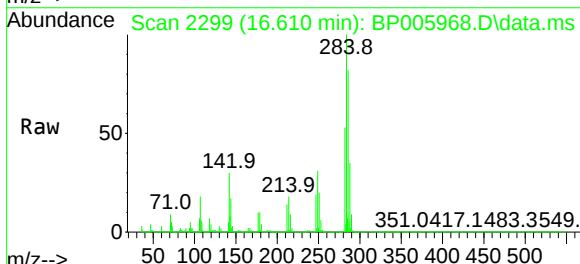
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BNA\_P  
ClientSampleId :  
VNJ-214MSD

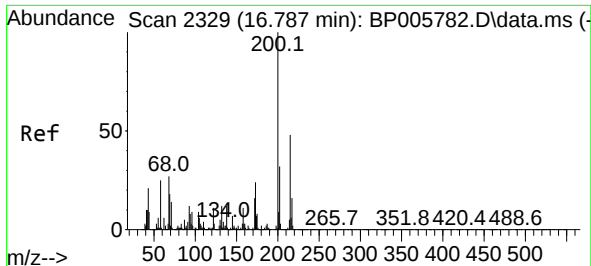
Tgt Ion:248 Resp: 213041  
Ion Ratio Lower Upper  
248 100  
250 97.4 79.8 119.8  
141 74.9 57.8 86.6



#68  
Hexachlorobenzene  
Concen: 47.340 ng  
RT: 16.610 min Scan# 2299  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:284 Resp: 257427  
Ion Ratio Lower Upper  
284 100  
142 30.0 26.9 40.3  
249 31.1 24.5 36.7

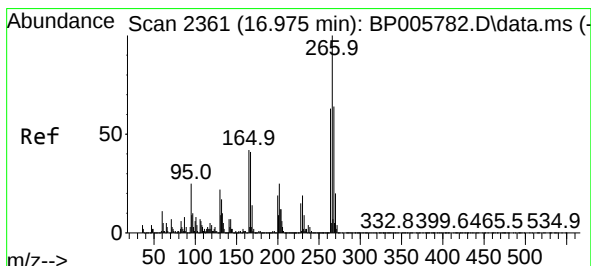
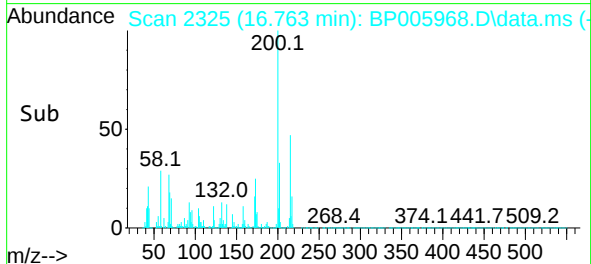
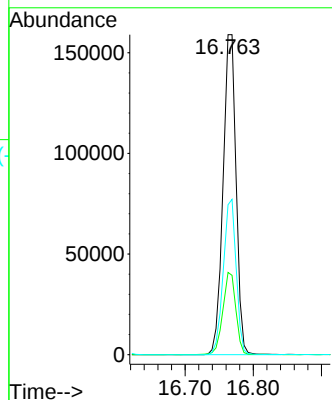
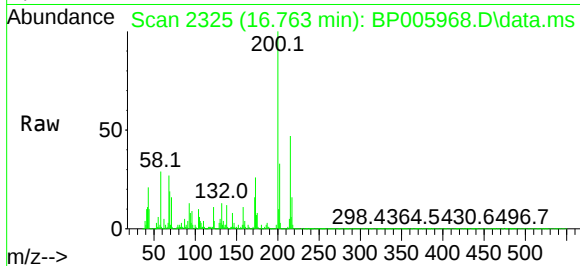




#69  
Atrazine  
Concen: 58.096 ng  
RT: 16.763 min Scan# 2325  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

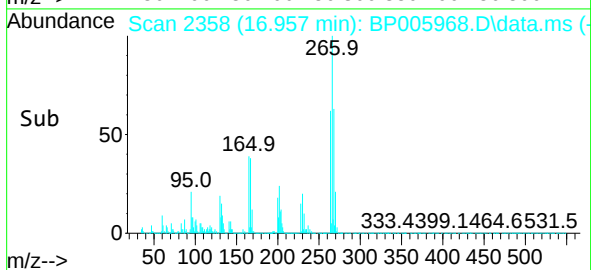
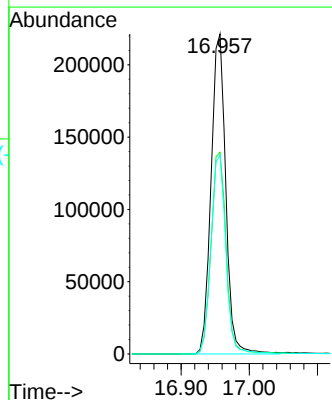
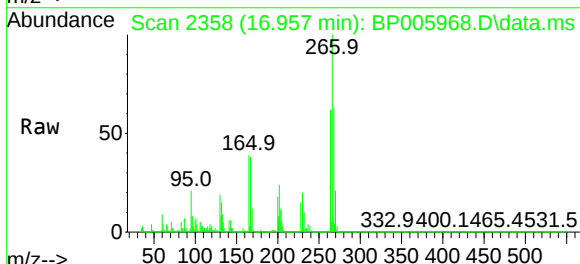
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

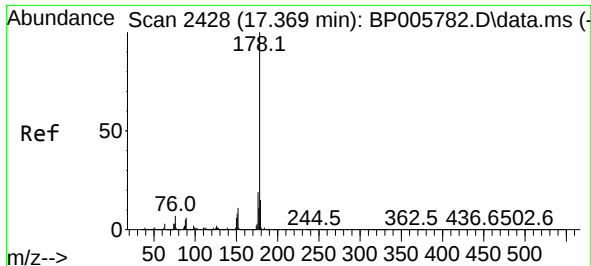
Tgt Ion:200 Resp: 211856  
Ion Ratio Lower Upper  
200 100  
173 25.7 4.1 44.1  
215 46.8 27.7 67.7



#70  
Pentachlorophenol  
Concen: 109.773 ng  
RT: 16.957 min Scan# 2358  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:266 Resp: 331908  
Ion Ratio Lower Upper  
266 100  
268 63.0 51.6 77.4  
264 62.1 50.3 75.5

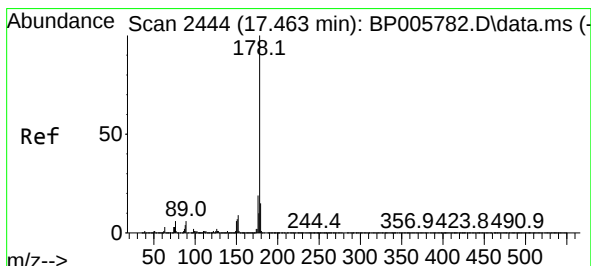
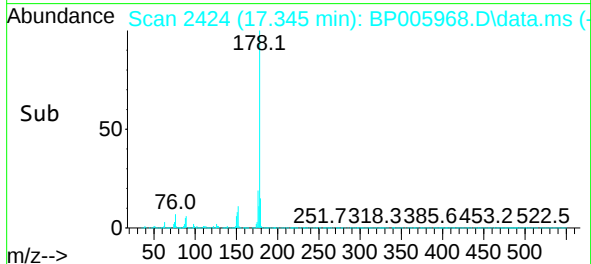
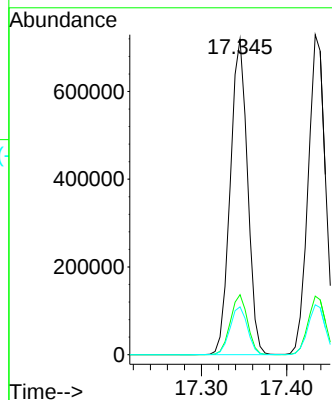
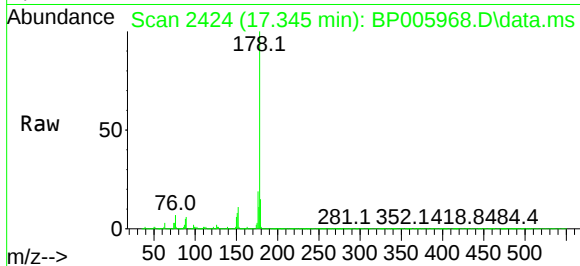




#71  
Phenanthrene  
Concen: 47.693 ng  
RT: 17.345 min Scan# 2424  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

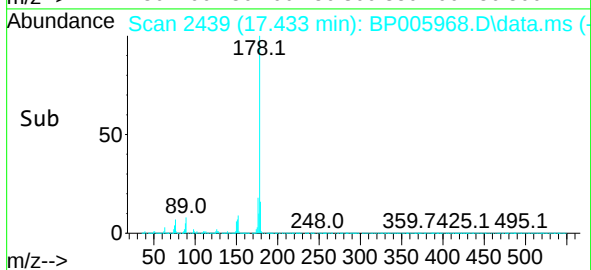
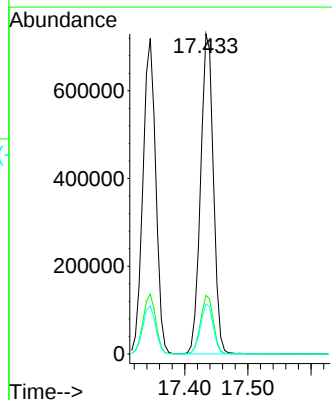
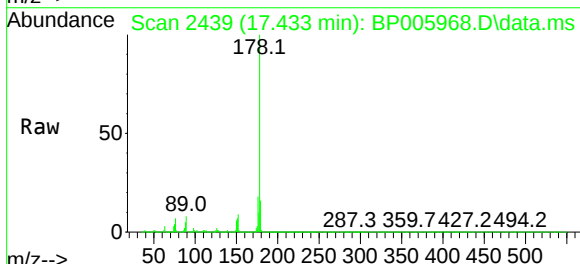
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BNA\_P  
ClientSampleId :  
VNJ-214MSD

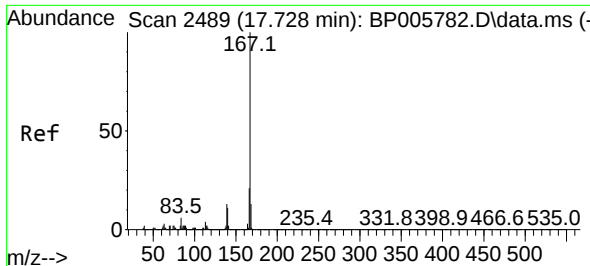
Tgt Ion:178 Resp: 1012354  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.1 22.7  
179 15.2 12.4 18.6



#72  
Anthracene  
Concen: 49.063 ng  
RT: 17.433 min Scan# 2439  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:178 Resp: 1024961  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.9 22.3  
179 15.6 12.2 18.2

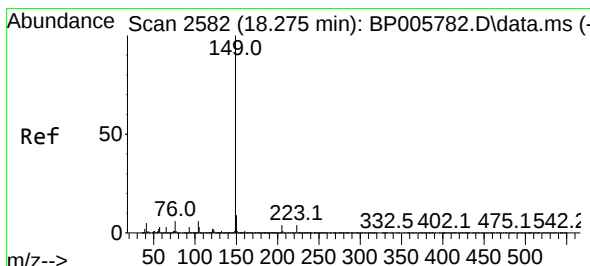
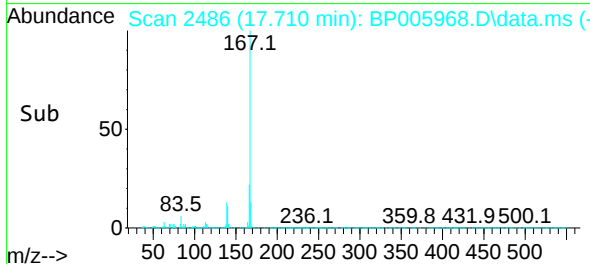
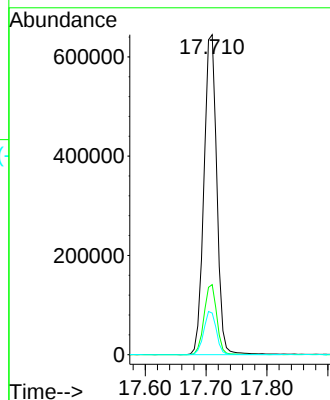
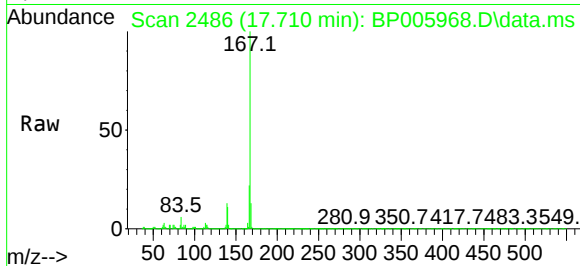




#73  
 Carbazole  
 Concen: 47.105 ng  
 RT: 17.710 min Scan# 2486  
 Delta R.T. 0.000 min  
 Lab File: BP005968.D  
 Acq: 17 Jun 2021 16:40

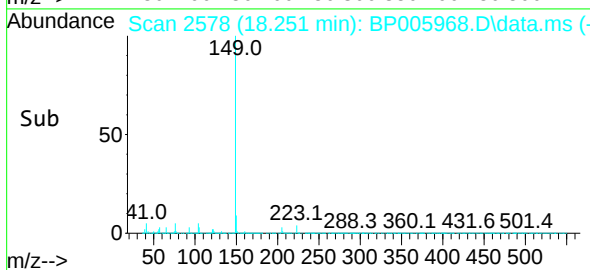
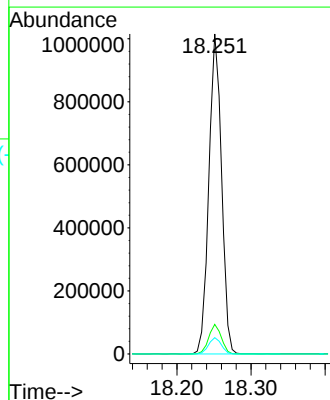
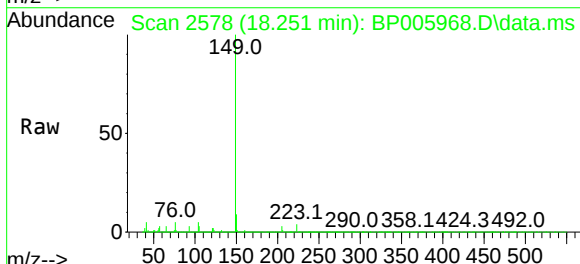
Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-214MSD

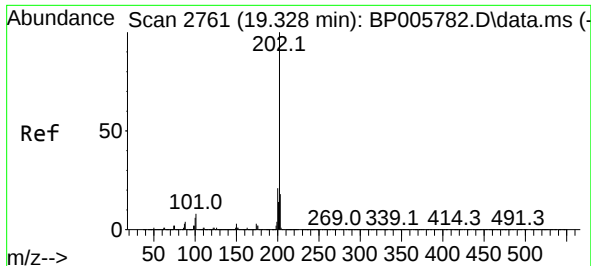
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 944792 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 21.9  | 17.1  | 25.7   |
| 139      | 13.0  | 10.7  | 16.1   |



#74  
 Di-n-butylphthalate  
 Concen: 51.792 ng  
 RT: 18.251 min Scan# 2578  
 Delta R.T. -0.006 min  
 Lab File: BP005968.D  
 Acq: 17 Jun 2021 16:40

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1203541 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 9.3   | 7.3   | 10.9    |
| 104      | 5.1   | 4.5   | 6.7     |

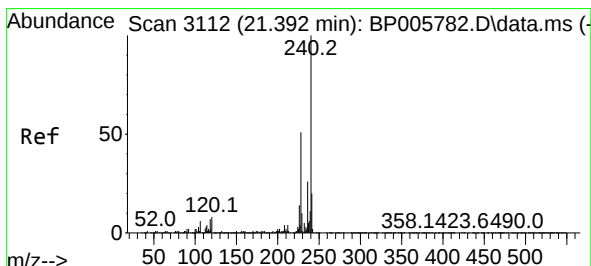
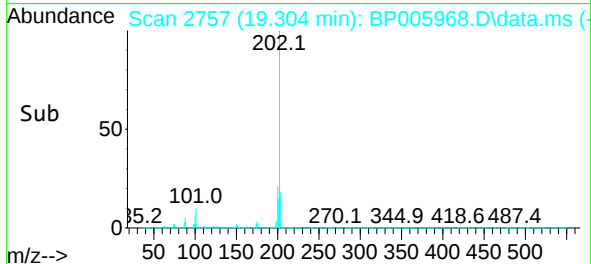
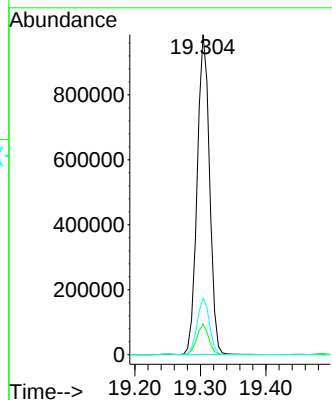
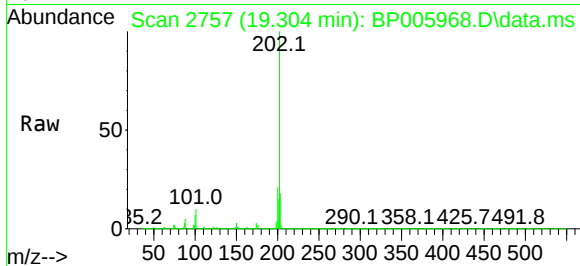




#75  
Fluoranthene  
Concen: 50.217 ng  
RT: 19.304 min Scan# 2757  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

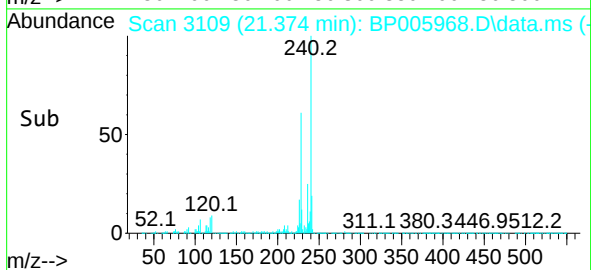
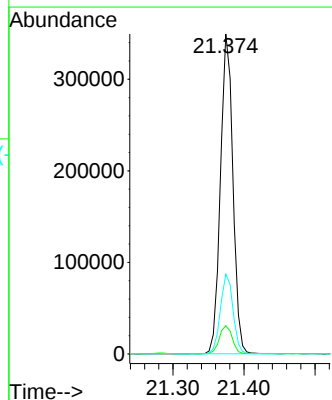
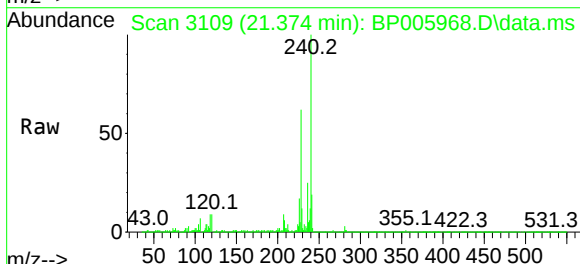
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BNA\_P  
ClientSampleId :  
VNJ-214MSD

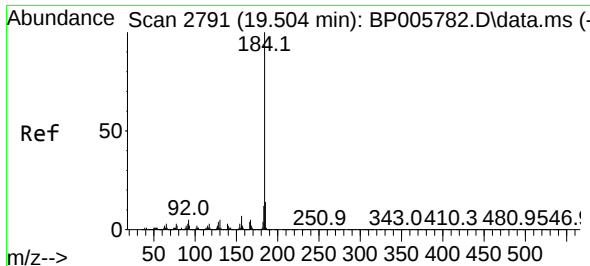
Tgt Ion:202 Resp: 1294490  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 27.6  
203 17.6 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.374 min Scan# 3109  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:240 Resp: 423463  
Ion Ratio Lower Upper  
240 100  
120 8.8 6.5 9.7  
236 24.9 20.6 31.0

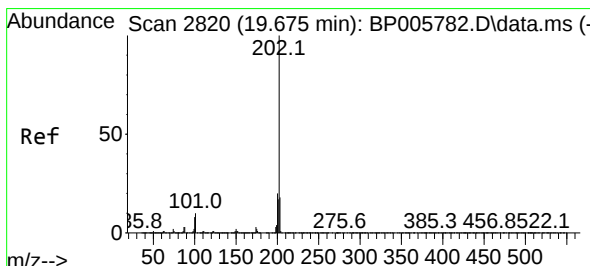
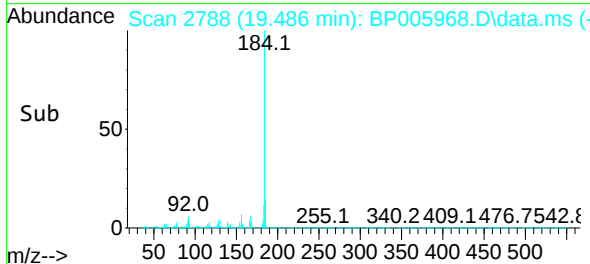
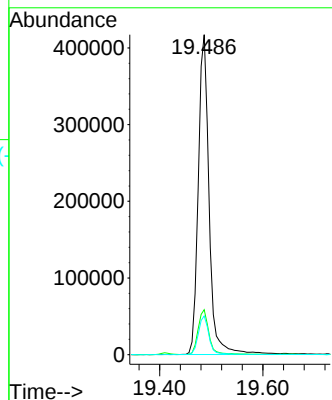
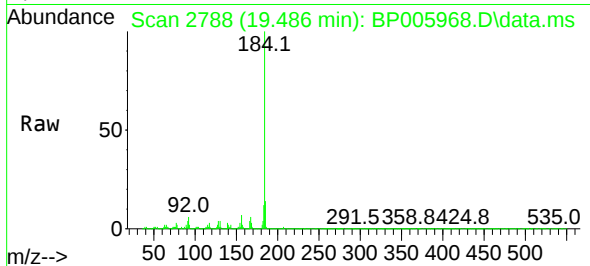




#77  
Benzidine  
Concen: 69.051 ng  
RT: 19.486 min Scan# 2788  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

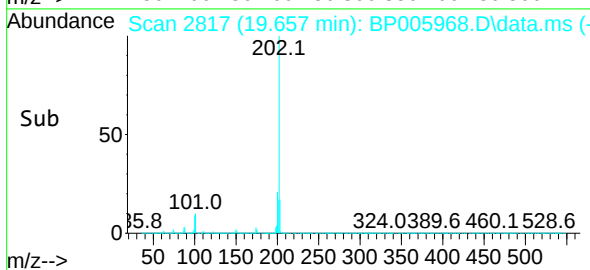
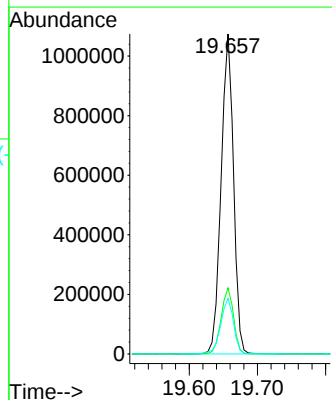
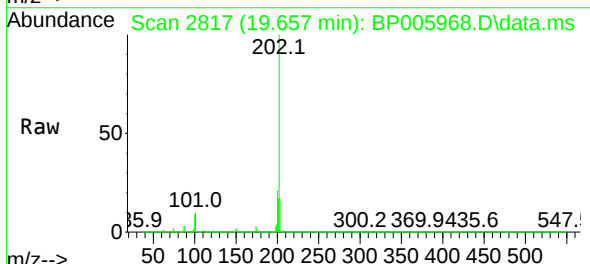
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

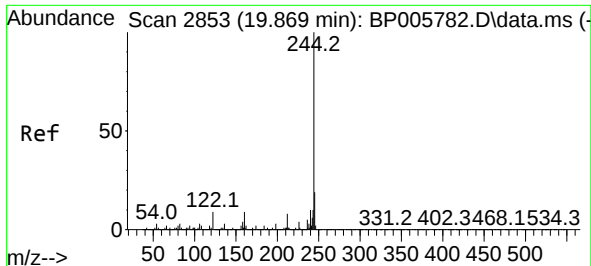
Tgt Ion:184 Resp: 608438  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.0 16.4  
183 12.1 9.5 14.3



#78  
Pyrene  
Concen: 45.932 ng  
RT: 19.657 min Scan# 2817  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:202 Resp: 1357871  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.3 24.5  
203 17.3 14.2 21.2

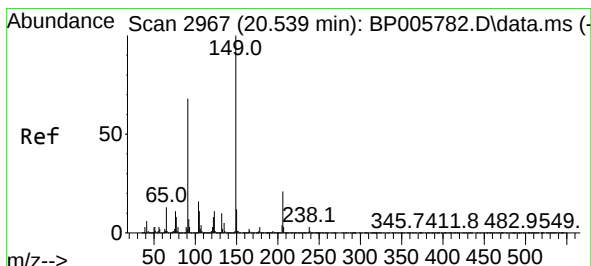
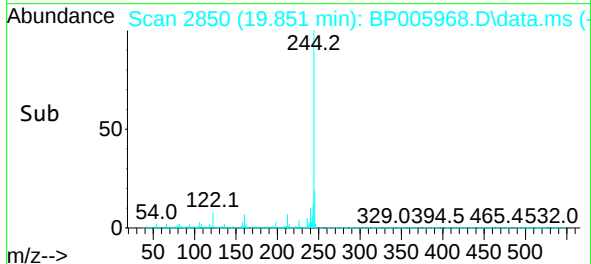
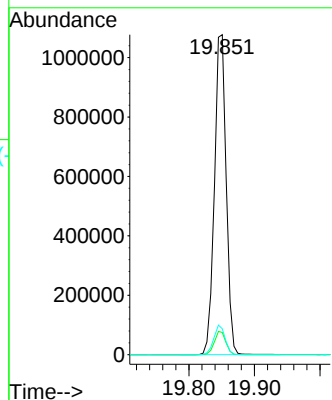
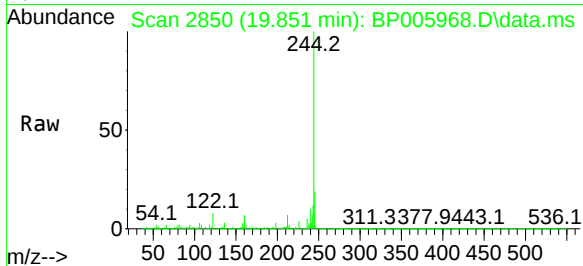




#79  
Terphenyl-d14  
Concen: 59.294 ng  
RT: 19.851 min Scan# 2850  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

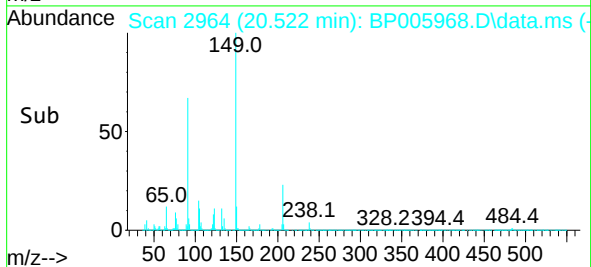
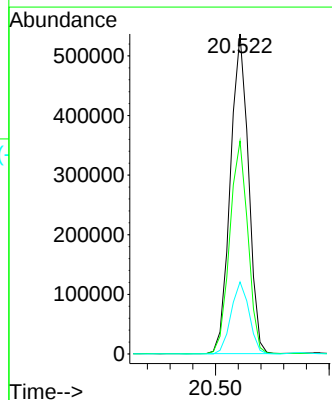
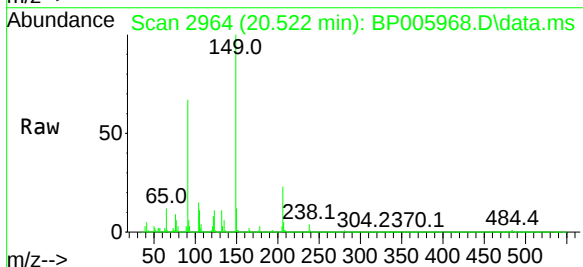
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

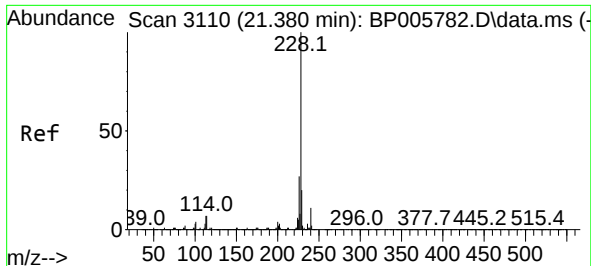
Tgt Ion:244 Resp: 1340926  
Ion Ratio Lower Upper  
244 100  
212 7.0 6.0 9.0  
122 8.1 7.1 10.7



#80  
Butylbenzylphthalate  
Concen: 48.798 ng  
RT: 20.522 min Scan# 2964  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:149 Resp: 593496  
Ion Ratio Lower Upper  
149 100  
91 66.5 54.6 81.8  
206 22.5 16.7 25.1

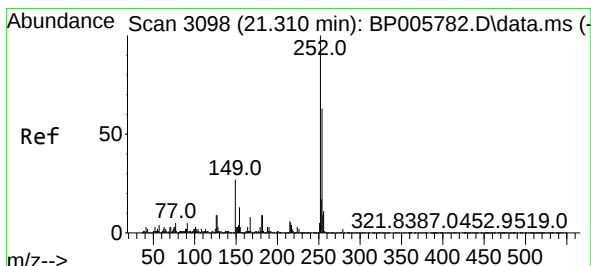
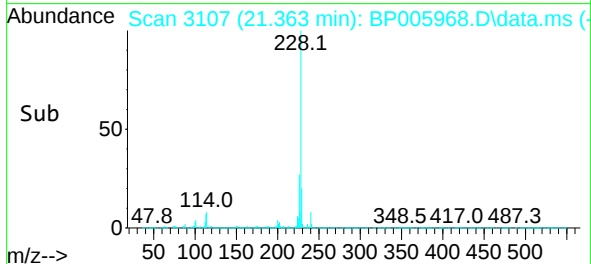
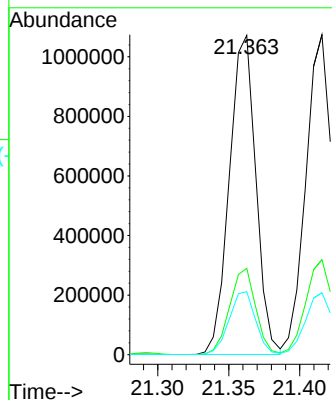
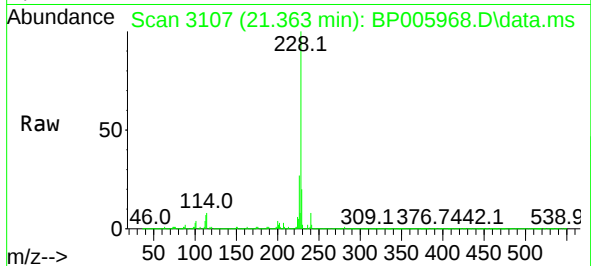




#81  
Benzo(a)anthracene  
Concen: 45.716 ng  
RT: 21.363 min Scan# 3107  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

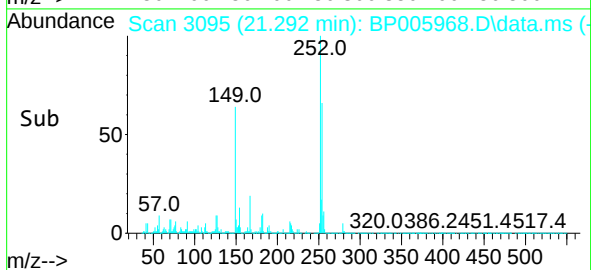
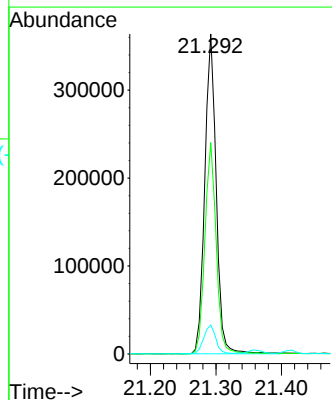
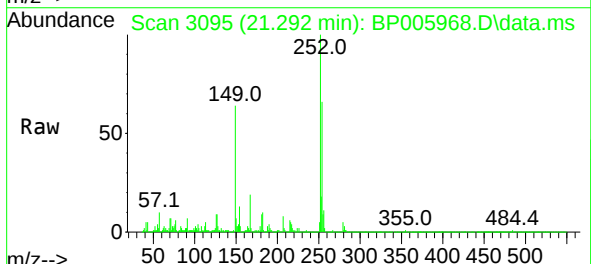
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

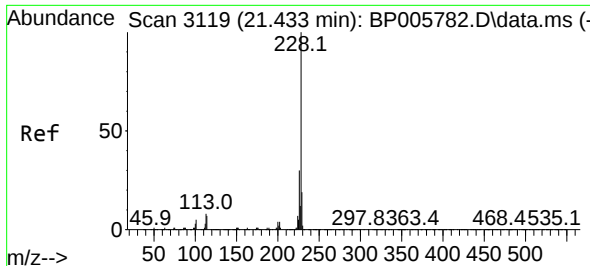
Tgt Ion:228 Resp: 1397431  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.6 32.4  
229 19.7 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 41.794 ng  
RT: 21.292 min Scan# 3095  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:252 Resp: 441684  
Ion Ratio Lower Upper  
252 100  
254 66.1 50.6 76.0  
126 9.1 7.0 10.6

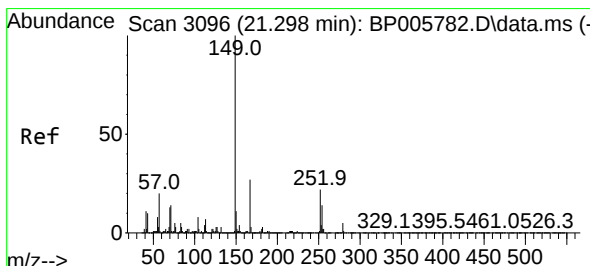
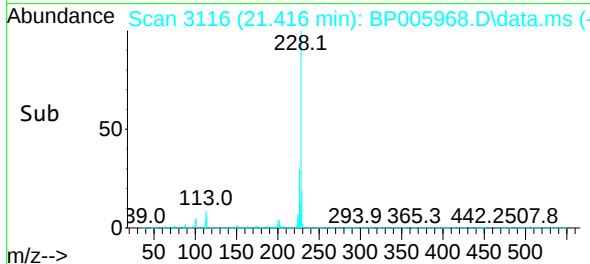
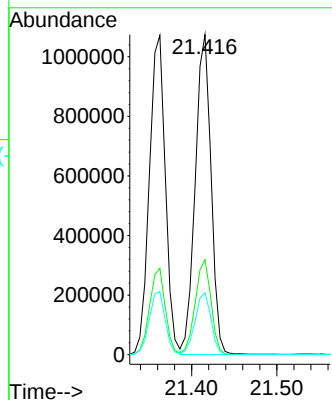
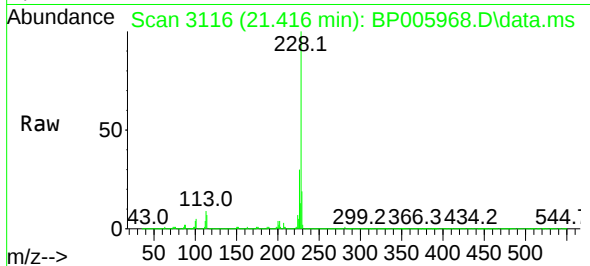




#83  
Chrysene  
Concen: 46.710 ng  
RT: 21.416 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

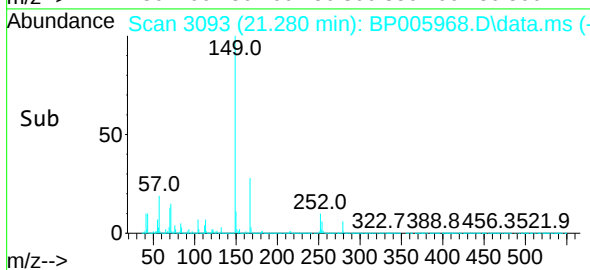
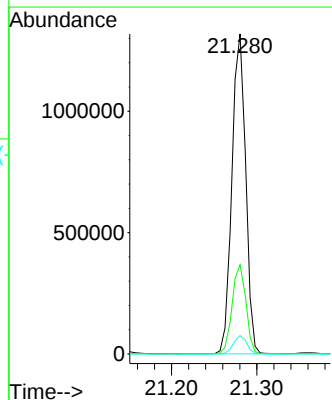
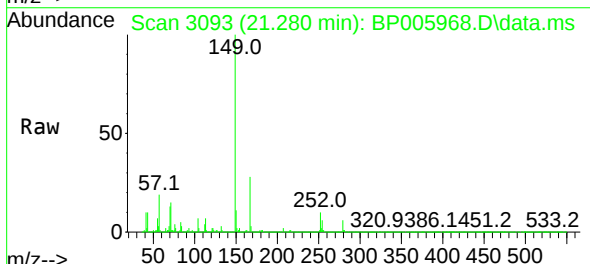
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

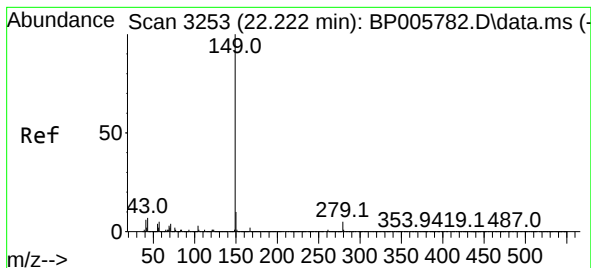
Tgt Ion:228 Resp: 1382951  
Ion Ratio Lower Upper  
228 100  
226 29.7 23.8 35.6  
229 19.3 15.4 23.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 82.717 ng  
RT: 21.280 min Scan# 3093  
Delta R.T. 0.000 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:149 Resp: 1475454  
Ion Ratio Lower Upper  
149 100  
167 27.9 21.9 32.9  
279 5.7 4.3 6.5

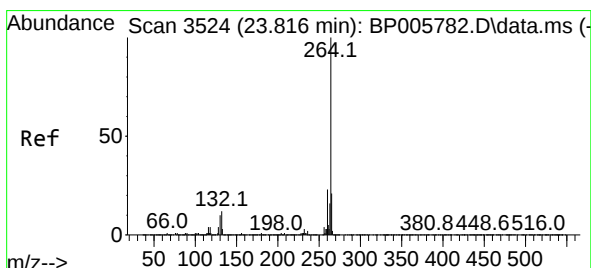
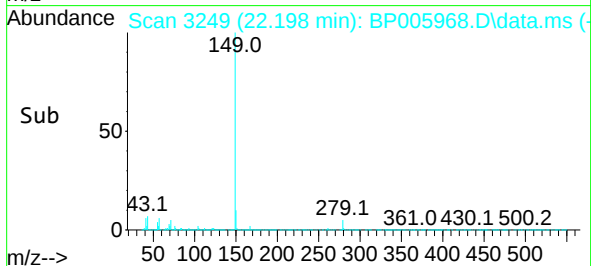
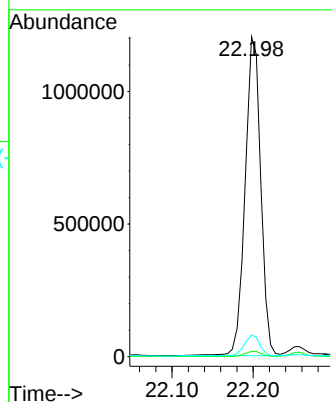
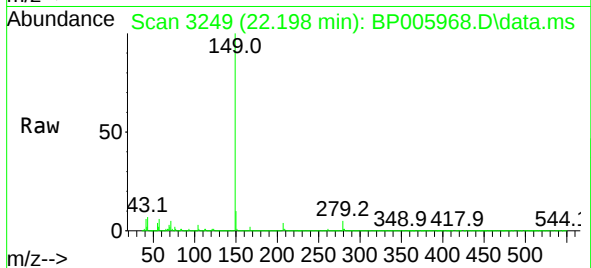




#85  
Di-n-octyl phthalate  
Concen: 50.441 ng  
RT: 22.198 min Scan# 3249  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

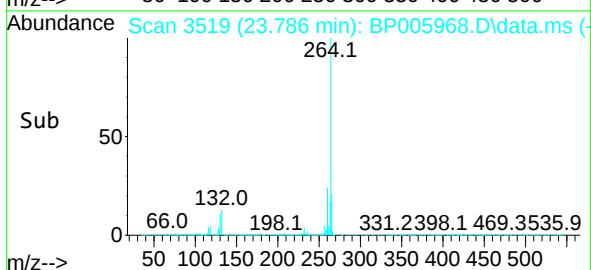
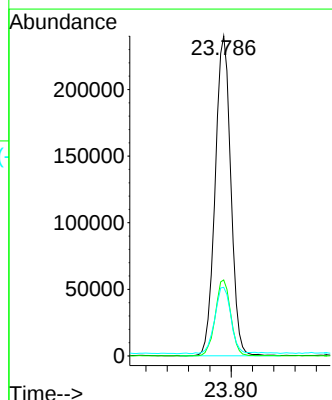
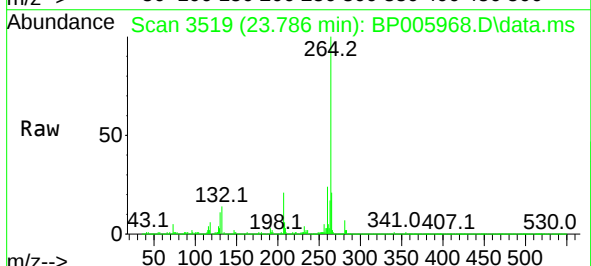
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BNA\_P  
ClientSampleId :  
VNJ-214MSD

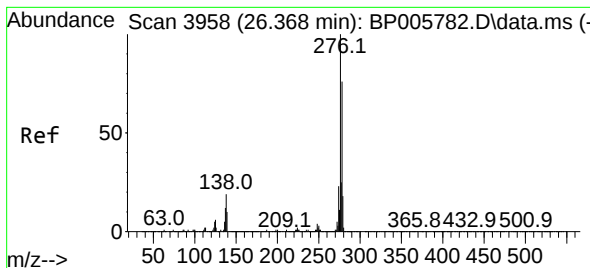
Tgt Ion:149 Resp: 1609546  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 6.4 5.6 8.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.786 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:264 Resp: 488398  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.6 28.0  
265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.477 ng

RT: 26.327 min Scan# 3951

Delta R.T. -0.012 min

Lab File: BP005968.D

Acq: 17 Jun 2021 16:40

Instrument :

BNA\_P

ClientSampleId :

VNJ-214MSD

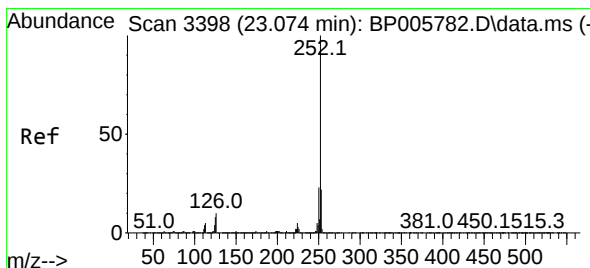
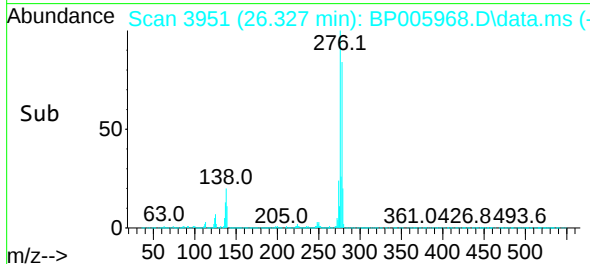
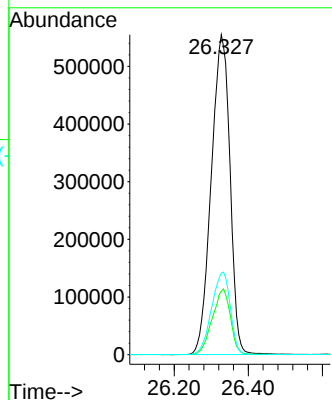
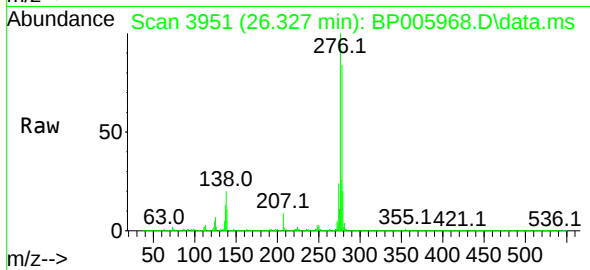
Tgt Ion:276 Resp: 1941148

Ion Ratio Lower Upper

276 100

138 19.9 15.3 22.9

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.938 ng

RT: 23.051 min Scan# 3394

Delta R.T. -0.006 min

Lab File: BP005968.D

Acq: 17 Jun 2021 16:40

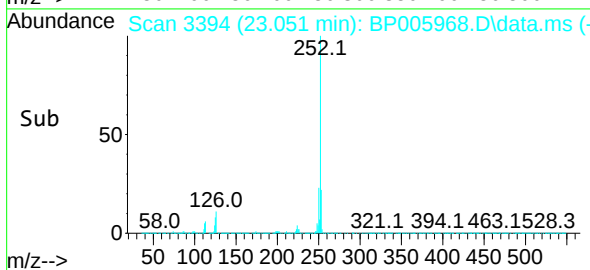
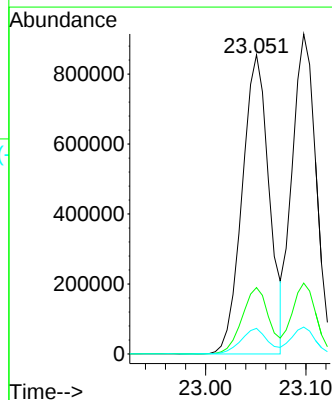
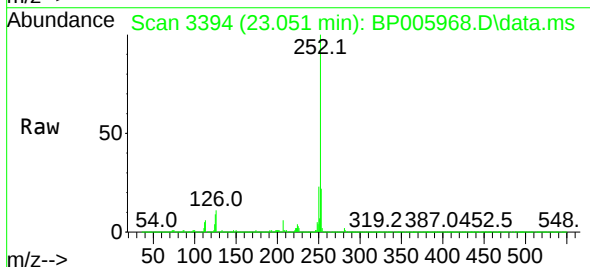
Tgt Ion:252 Resp: 1603559

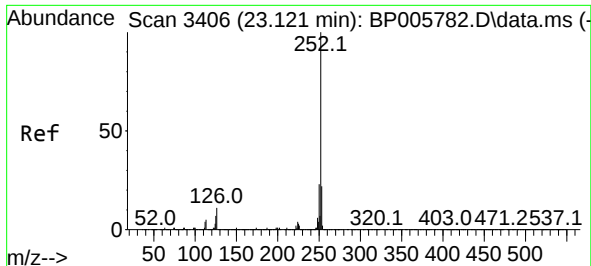
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.5 6.2 9.4

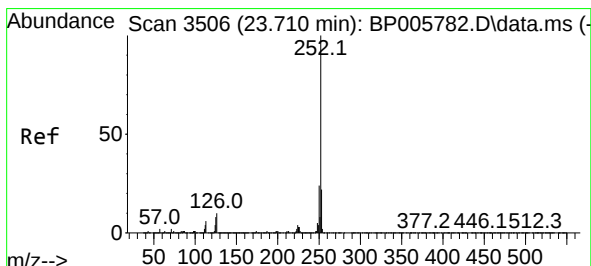
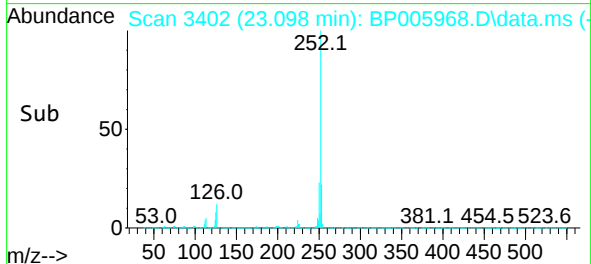
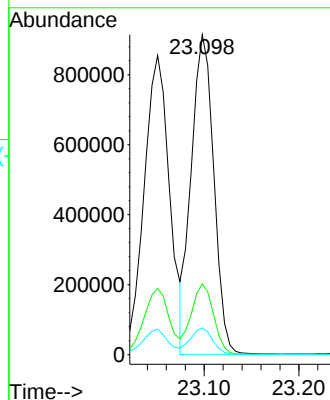
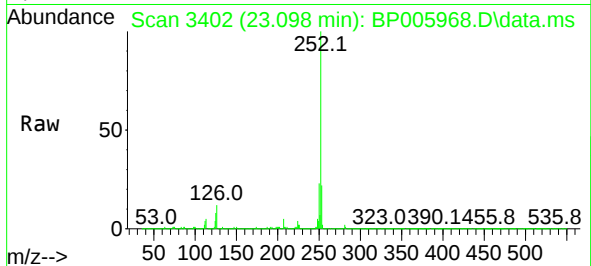




#89  
Benzo(k)fluoranthene  
Concen: 46.620 ng  
RT: 23.098 min Scan# 3402  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

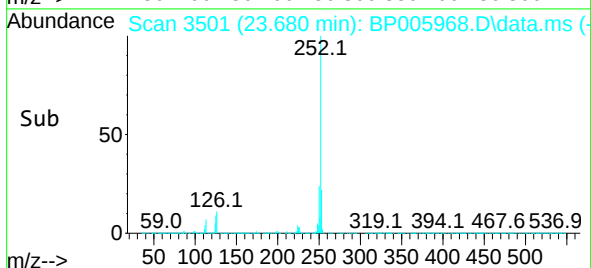
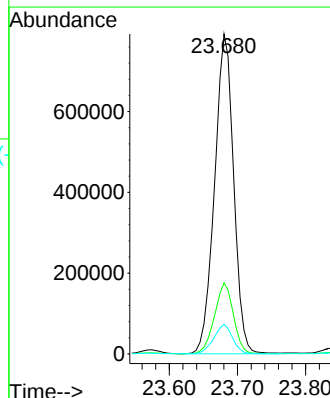
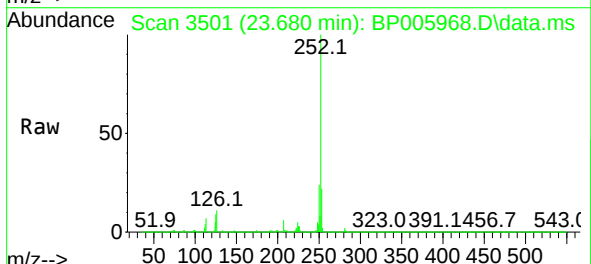
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BNA\_P  
ClientSampleId :  
VNJ-214MSD

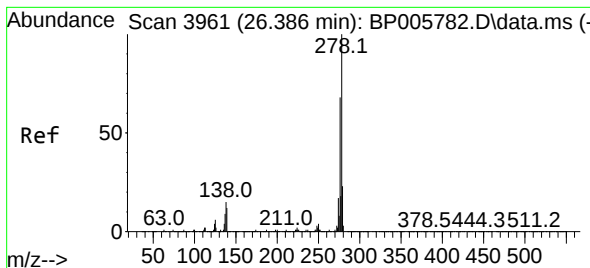
Tgt Ion:252 Resp: 1512217  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 8.4 6.0 9.0



#90  
Benzo(a)pyrene  
Concen: 49.028 ng  
RT: 23.680 min Scan# 3501  
Delta R.T. -0.006 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:252 Resp: 1541884  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.9 26.9  
125 9.3 6.5 9.7

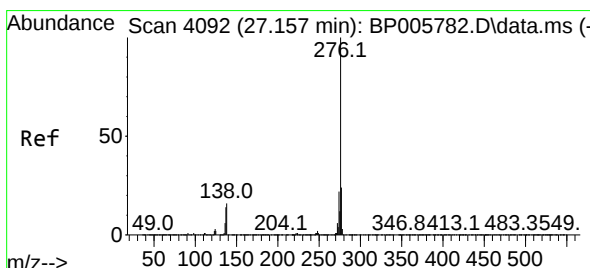
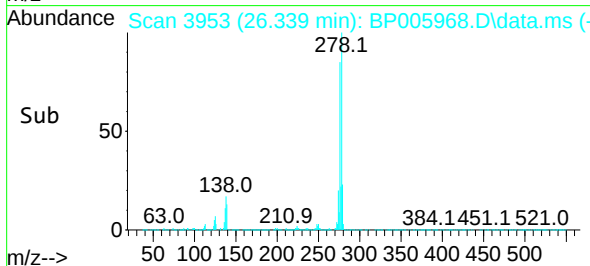
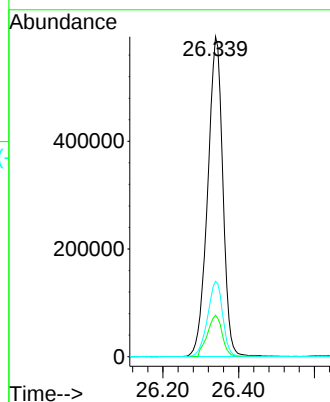
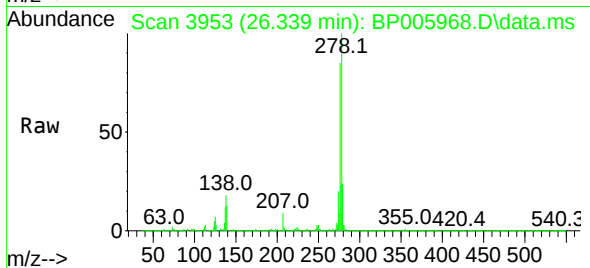




#91  
Dibenzo(a,h)anthracene  
Concen: 45.744 ng  
RT: 26.339 min Scan# 3953  
Delta R.T. -0.012 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MSD

Tgt Ion:278 Resp: 1644388  
Ion Ratio Lower Upper  
278 100  
139 12.9 9.3 13.9  
279 23.5 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 46.017 ng  
RT: 27.104 min Scan# 4083  
Delta R.T. -0.018 min  
Lab File: BP005968.D  
Acq: 17 Jun 2021 16:40

Tgt Ion:276 Resp: 1634115  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.9 28.3  
138 17.6 12.6 18.8

