

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061721\  
 Data File : BP005967.D  
 Acq On : 17 Jun 2021 16:06  
 Operator : CG/JU  
 Sample : M2739-01MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-214MS

Manual Integrations  
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Quant Time: Jun 17 16:58:10 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  | 73623    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.728 | 136  | 277615   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.557 | 164  | 163666   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 346435   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.374 | 240  | 424820   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.786 | 264  | 495023   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 458537   | 99.939  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.105  | 99   | 555261   | 93.369  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.093  | 82   | 346821   | 61.249  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.045 | 330  | 288276   | 102.639 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.181 | 172  | 756514   | 60.697  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 1302102  | 57.393  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.364  | 88   | 77508    | 37.392  | ng    | 99       |
| 3) Pyridine                   | 3.775  | 79   | 207750   | 42.643  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.687  | 42   | 91083    | 40.221  | ng    | 81       |
| 6) Aniline                    | 7.258  | 93   | 237031   | 35.701  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.493  | 128  | 252104   | 47.923  | ng    | 97       |
| 9) Benzaldehyde               | 7.063  | 77   | 154083   | 60.778  | ng    | 98       |
| 10) Phenol                    | 7.128  | 94   | 284609   | 47.907  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.352  | 93   | 218652   | 48.570  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.816  | 146  | 272097   | 46.257  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.963  | 146  | 278246   | 46.383  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.281  | 146  | 267283   | 46.613  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.175  | 79   | 213910   | 47.755  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 188646   | 45.332  | ng    | 98       |
| 17) 2-Methylphenol            | 8.381  | 107  | 194893   | 48.149  | ng    | 98       |
| 18) Hexachloroethane          | 9.005  | 117  | 101305   | 46.686  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.740  | 70   | 164099   | 44.854  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.710  | 107  | 258959   | 47.362  | ng    | 99       |
| 22) Acetophenone              | 8.757  | 105  | 343017   | 46.943  | ng    | 98       |
| 24) Nitrobenzene              | 9.134  | 77   | 249883   | 42.497  | ng    | 98       |
| 25) Isophorone                | 9.663  | 82   | 429185   | 41.043  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.846  | 139  | 132205   | 47.123  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.910  | 122  | 214922   | 51.421  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.146 | 93   | 266163   | 48.770  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.387 | 162  | 227879   | 45.368  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.593 | 180  | 248698   | 44.065  | ng    | 99       |
| 31) Naphthalene               | 10.781 | 128  | 718515   | 44.732  | ng    | 99       |
| 32) Benzoic acid              | 10.087 | 122  | 162451   | 51.365  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.899 | 127  | 99641    | 15.355  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.063 | 225  | 165805   | 43.433  | ng    | 98       |
| 35) Caprolactam               | 11.698 | 113  | 71753    | 49.594  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.028 | 107  | 238662   | 46.795  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.387 | 142  | 512911   | 44.849  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.610 | 142  | 470685   | 43.694  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.757 | 216  | 275169   | 47.765  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.734 | 237  | 287731   | 98.070  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.998 | 196  | 185165   | 46.860  | ng    | 96       |

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.075 | 196  | 201698   | 47.397  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.393 | 154  | 620185   | 46.998  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.440 | 162  | 500917   | 46.486  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.645 | 65   | 136896   | 48.318  | ng    | 94       |
| 49) Acenaphthylene            | 14.281 | 152  | 787711   | 47.648  | ng    | 99       |
| 50) Dimethylphthalate         | 14.016 | 163  | 636017   | 47.264  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.140 | 165  | 140451   | 45.920  | ng    | 97       |
| 52) Acenaphthene              | 14.622 | 154  | 461545   | 45.973  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 91254    | 30.783  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 169594   | 92.429  | ng    | 97       |
| 55) Dibenzofuran              | 14.951 | 168  | 740914   | 44.876  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.787 | 139  | 244495   | 101.754 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.922 | 165  | 193751   | 47.363  | ng    | 99       |
| 58) Fluorene                  | 15.604 | 166  | 596898   | 46.401  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.187 | 232  | 179311m  | 47.809  | ng    |          |
| 60) Diethylphthalate          | 15.375 | 149  | 690972   | 51.179  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 305713   | 45.830  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.634 | 138  | 140990   | 46.208  | ng    | 92       |
| 63) Azobenzene                | 15.887 | 77   | 545141   | 44.630  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.687 | 198  | 110156   | 43.269  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.810 | 169  | 527776   | 45.940  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.486 | 248  | 206993   | 46.551  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.604 | 284  | 251587   | 47.204  | ng    | 98       |
| 69) Atrazine                  | 16.769 | 200  | 204853   | 57.313  | ng    | 99       |
| 70) Pentachlorophenol         | 16.957 | 266  | 328636   | 110.893 | ng    | 99       |
| 71) Phenanthrene              | 17.345 | 178  | 973466   | 46.790  | ng    | 99       |
| 72) Anthracene                | 17.433 | 178  | 1001085  | 48.891  | ng    | 99       |
| 73) Carbazole                 | 17.710 | 167  | 920458   | 46.822  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.251 | 149  | 1162865  | 51.055  | ng    | 99       |
| 75) Fluoranthene              | 19.304 | 202  | 1267868  | 50.181  | ng    | 98       |
| 77) Benzidine                 | 19.486 | 184  | 503480   | 56.957  | ng    | 99       |
| 78) Pyrene                    | 19.657 | 202  | 1321622  | 44.563  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.522 | 149  | 584277   | 47.886  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.363 | 228  | 1395049  | 45.492  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.292 | 252  | 434241   | 40.958  | ng    | 98       |
| 83) Chrysene                  | 21.416 | 228  | 1365783  | 45.983  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149  | 1446218  | 80.819  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.198 | 149  | 1595956  | 49.855  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.327 | 276  | 1956363  | 46.215  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.051 | 252  | 1645080  | 48.521  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.098 | 252  | 1517314  | 46.151  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.680 | 252  | 1564383  | 49.078  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.345 | 278  | 1661302  | 45.596  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.109 | 276  | 1651058  | 45.872  | ng    | 99       |

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

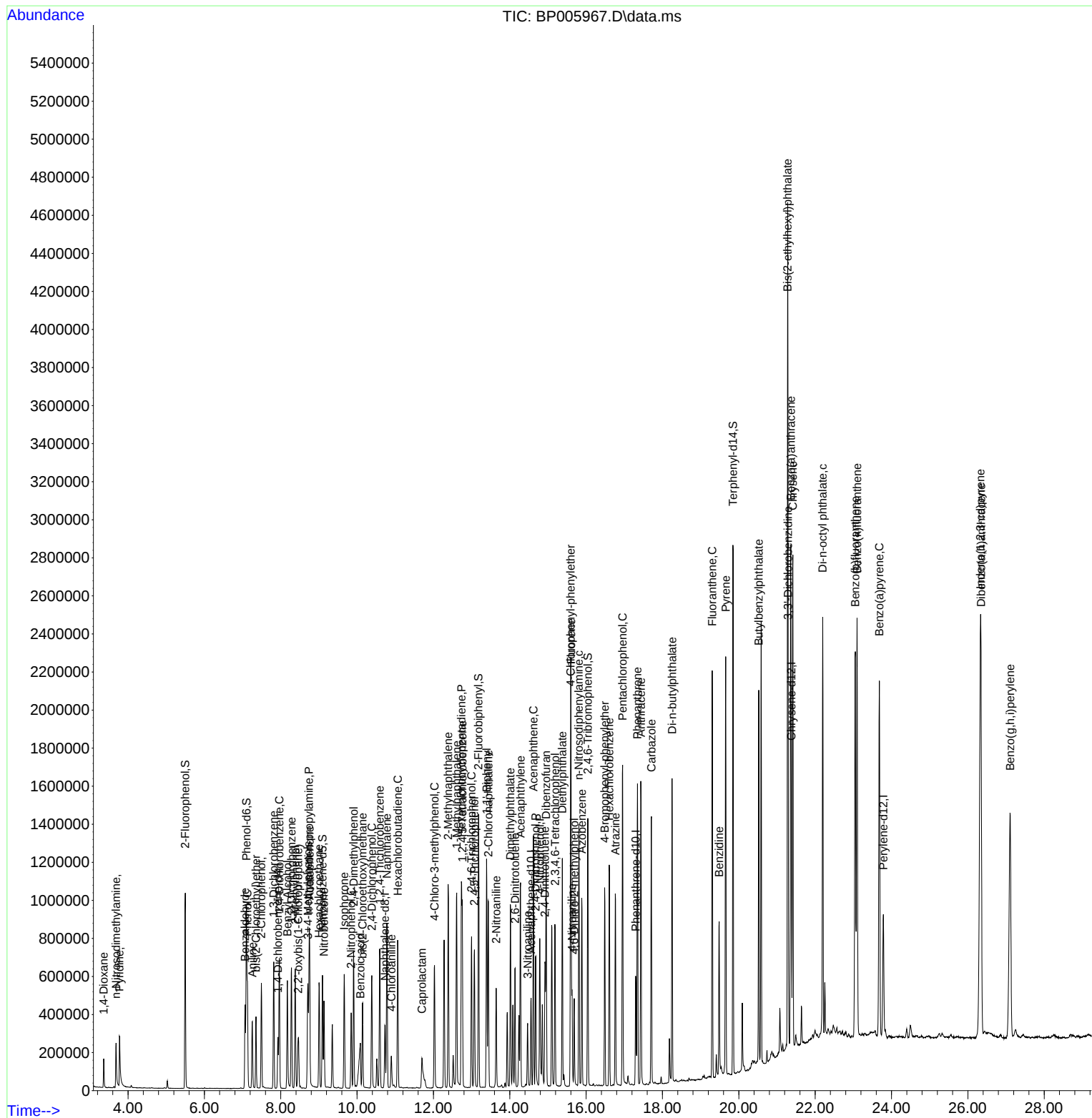
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061721\  
 Data File : BP005967.D  
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 Sample : M2739-01MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

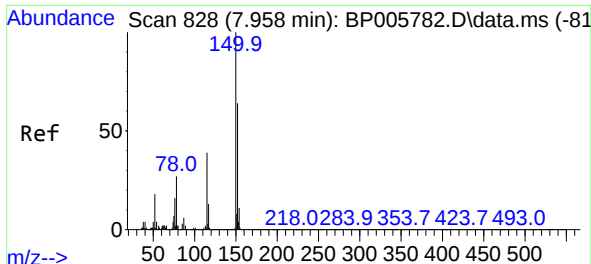
Instrument :  
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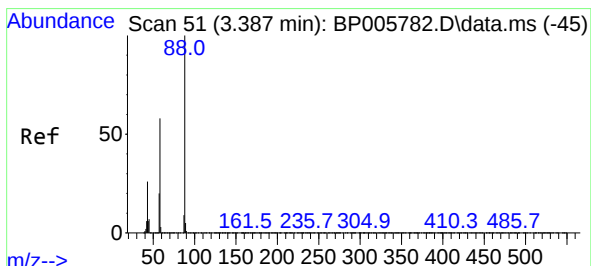
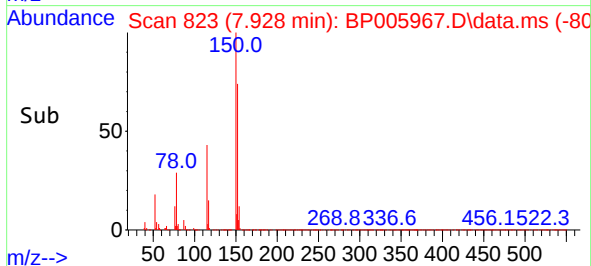
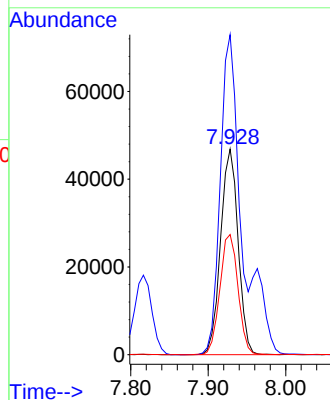
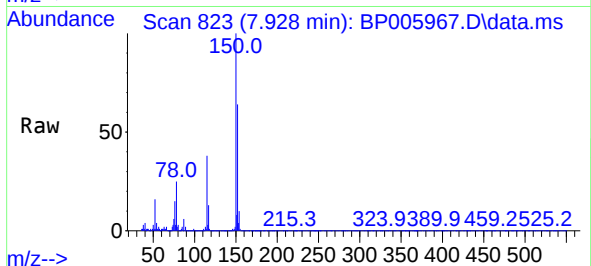
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 823  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion:152 Resp: 73623  
Ion Ratio Lower Upper  
152 100  
150 155.6 125.6 188.4  
115 58.5 48.5 72.7

Instrument :  
BNA\_P  
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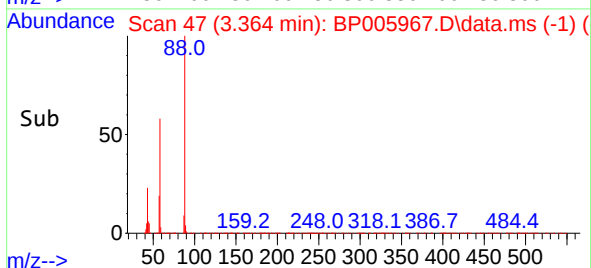
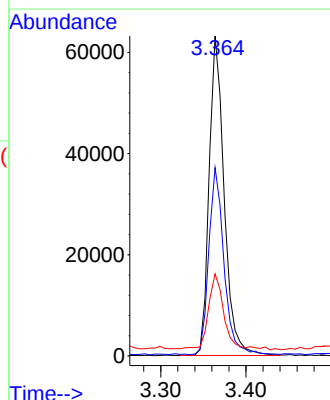
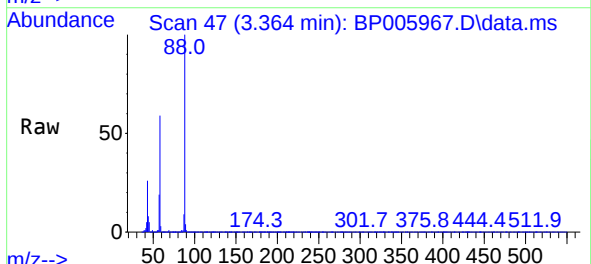
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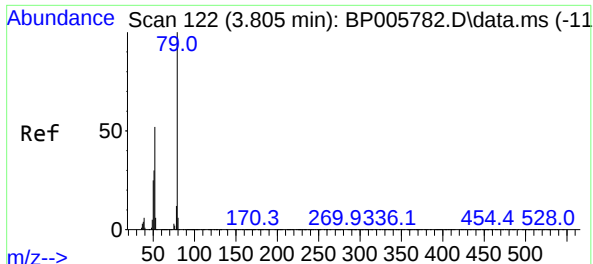
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#2  
1,4-Dioxane  
Concen: 37.392 ng  
RT: 3.364 min Scan# 47  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion: 88 Resp: 77508  
Ion Ratio Lower Upper  
88 100  
58 58.9 46.7 70.1  
43 24.8 20.3 30.5



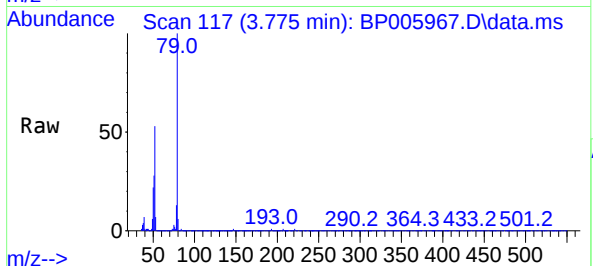


#3  
Pyridine  
Concen: 42.643 ng  
RT: 3.775 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

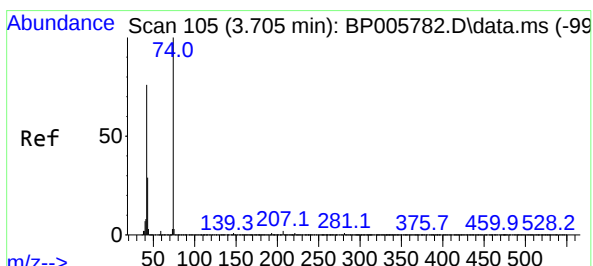
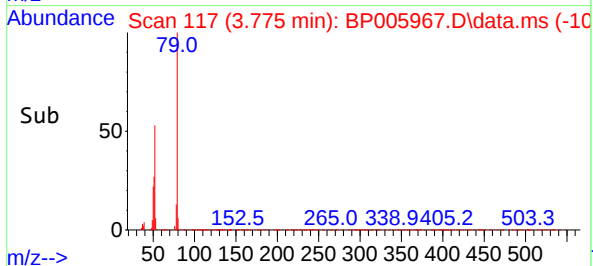
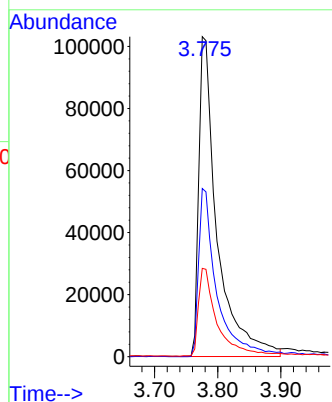
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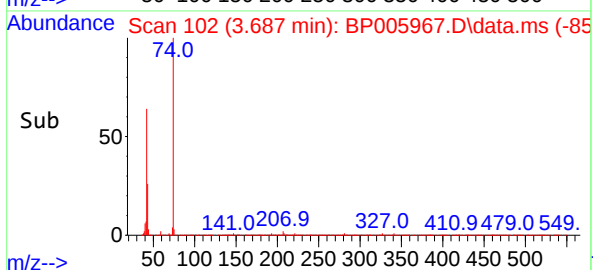
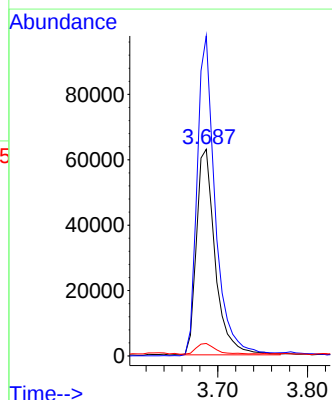
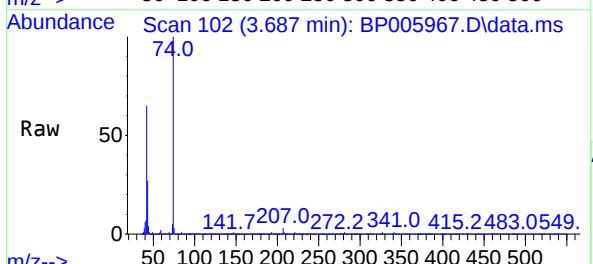


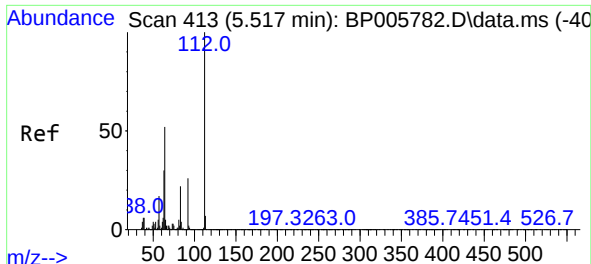
Tgt Ion: 79 Resp: 207750  
Ion Ratio Lower Upper  
79 100  
52 52.6 41.7 62.5  
51 27.6 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 40.221 ng  
RT: 3.687 min Scan# 102  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion: 42 Resp: 91083  
Ion Ratio Lower Upper  
42 100  
74 154.7 105.4 158.0  
44 6.1 4.2 6.4





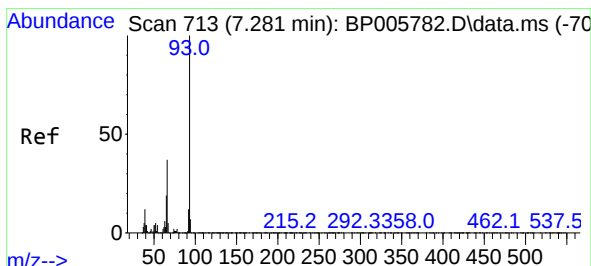
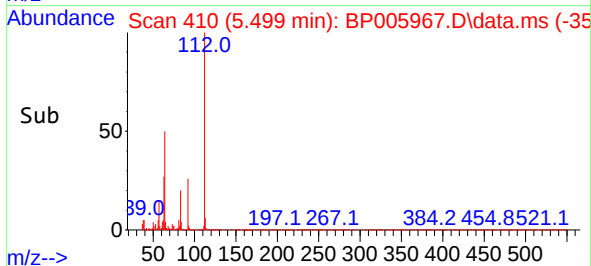
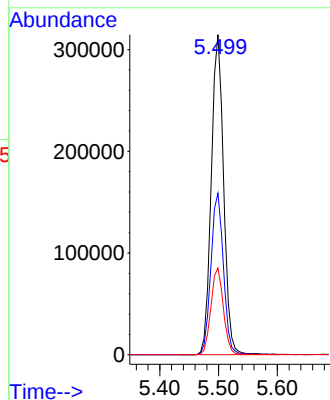
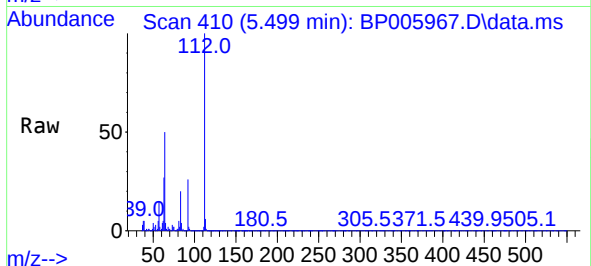
#5  
2-Fluorophenol  
Concen: 99.939 ng  
RT: 5.499 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

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VNJ-214MS

Tgt Ion:112 Resp: 458537  
Ion Ratio Lower Upper  
112 100  
64 50.4 41.4 62.2  
63 27.1 23.8 35.8

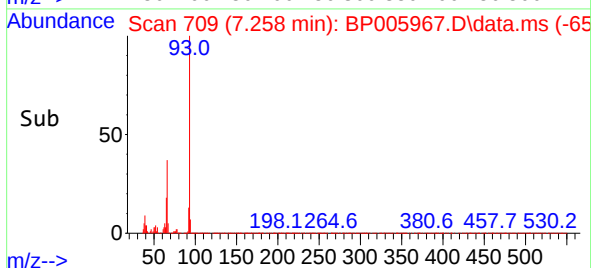
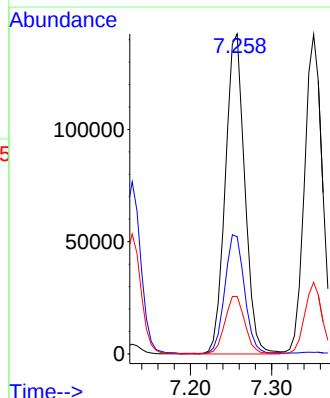
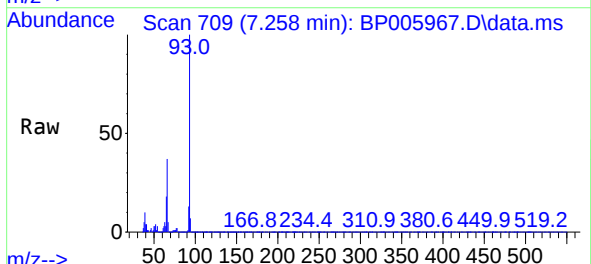
Manual Integrations  
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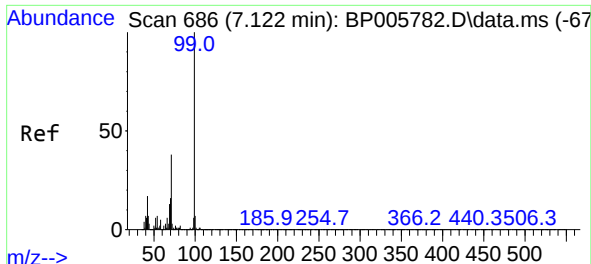
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#6  
Aniline  
Concen: 35.701 ng  
RT: 7.258 min Scan# 709  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion: 93 Resp: 237031  
Ion Ratio Lower Upper  
93 100  
66 36.6 29.7 44.5  
65 18.0 15.3 22.9





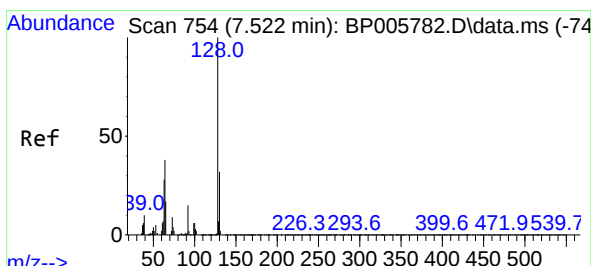
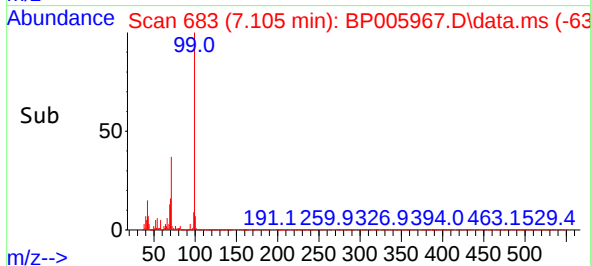
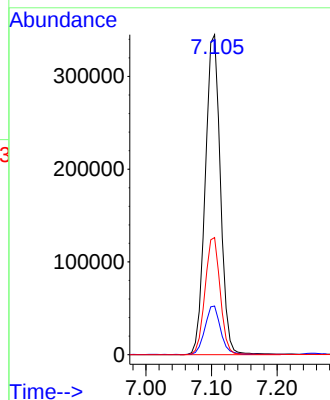
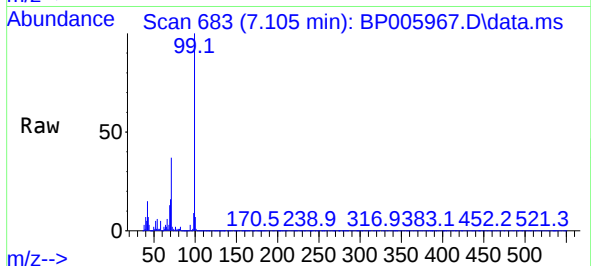
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Phenol-d6  
Concen: 93.369 ng  
RT: 7.105 min Scan# 683  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

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VNJ-214MS

Tgt Ion: 99 Resp: 555261  
Ion Ratio Lower Upper  
99 100  
42 15.2 13.4 20.0  
71 36.6 30.6 46.0

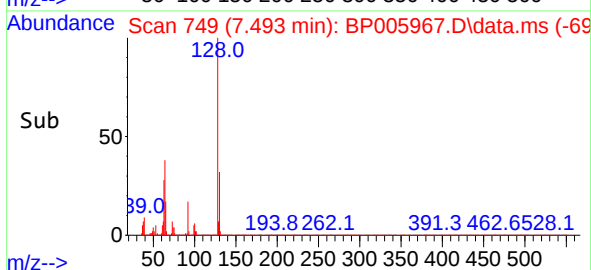
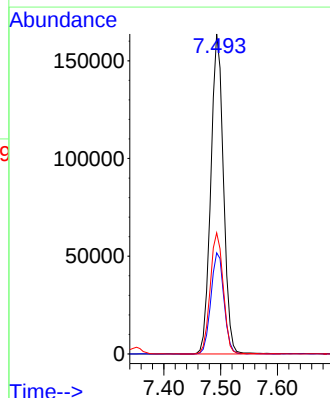
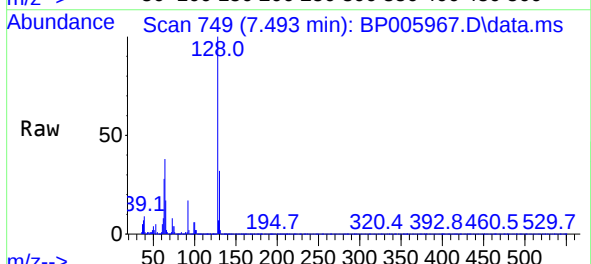
Manual Integrations  
APPROVED

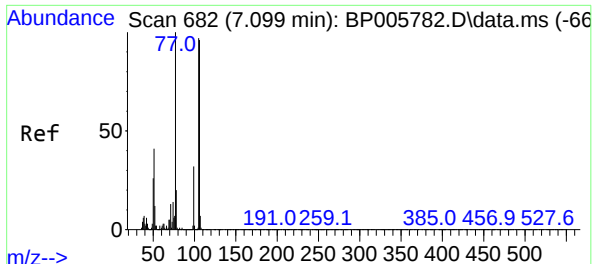
mohammad  
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#8  
2-Chlorophenol  
Concen: 47.923 ng  
RT: 7.493 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion: 128 Resp: 252104  
Ion Ratio Lower Upper  
128 100  
130 31.6 12.4 52.4  
64 37.8 20.3 60.3





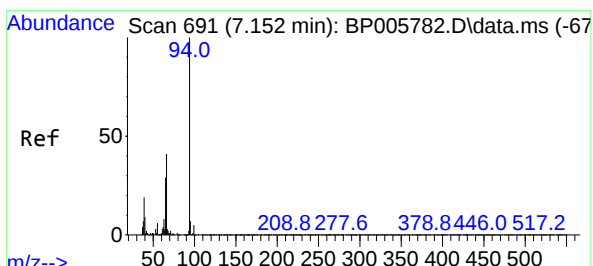
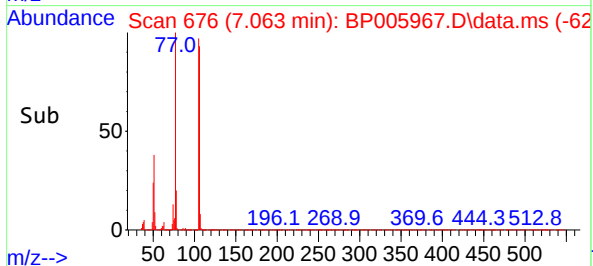
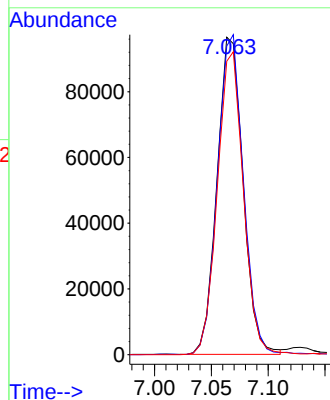
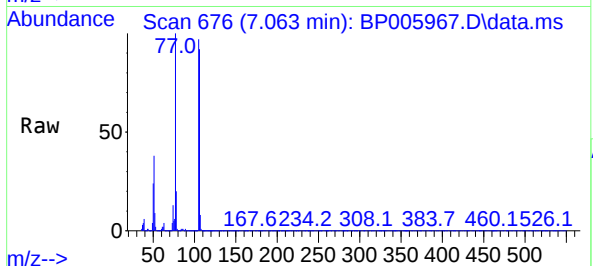
#9  
Benzaldehyde  
Concen: 60.778 ng  
RT: 7.063 min Scan# 676  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

Tgt Ion: 77 Resp: 154083  
Ion Ratio Lower Upper  
77 100  
105 97.2 76.7 116.7  
106 92.4 76.2 116.2

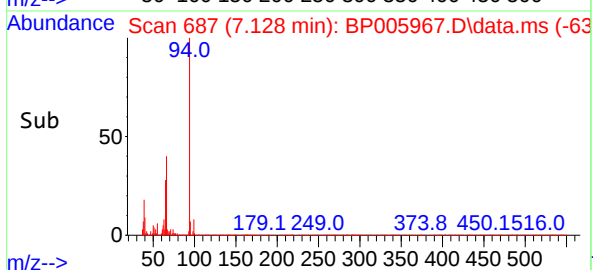
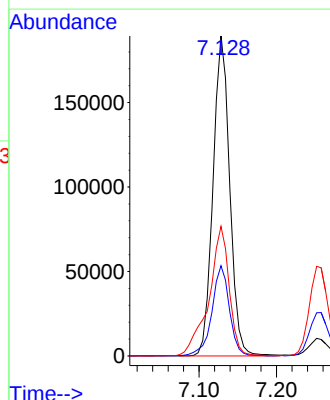
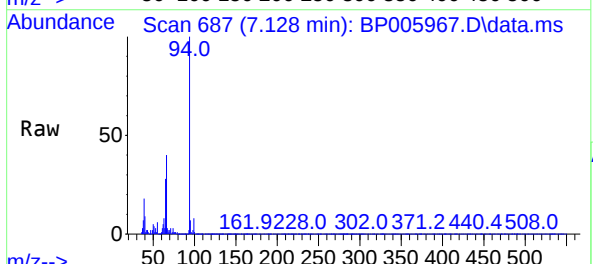
Manual Integrations  
APPROVED

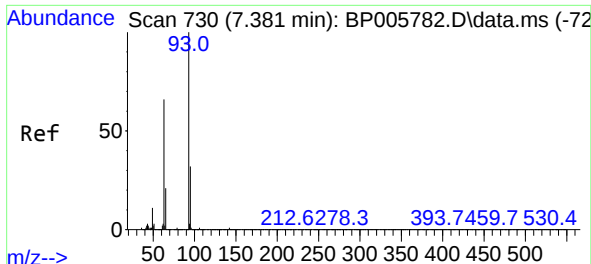
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#10  
Phenol  
Concen: 47.907 ng  
RT: 7.128 min Scan# 687  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

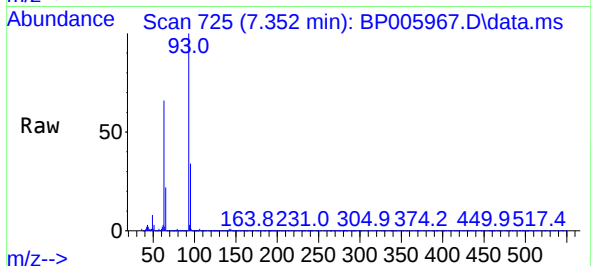
Tgt Ion: 94 Resp: 284609  
Ion Ratio Lower Upper  
94 100  
65 28.2 8.8 48.8  
66 40.5 20.7 60.7





#11  
bis(2-Chloroethyl)ether  
Concen: 48.570 ng  
RT: 7.352 min Scan# 725  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

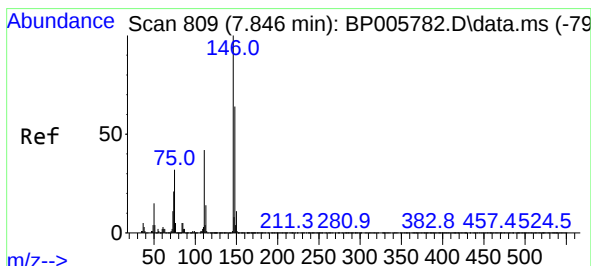
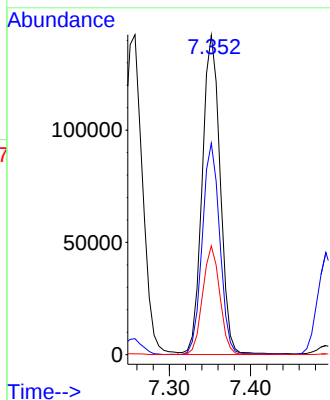
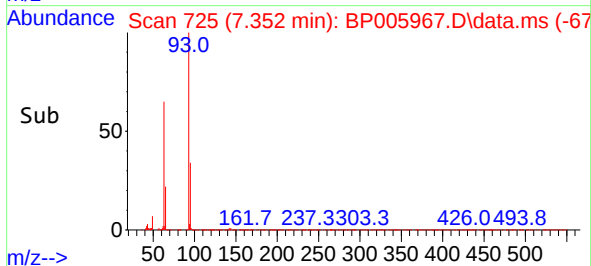
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



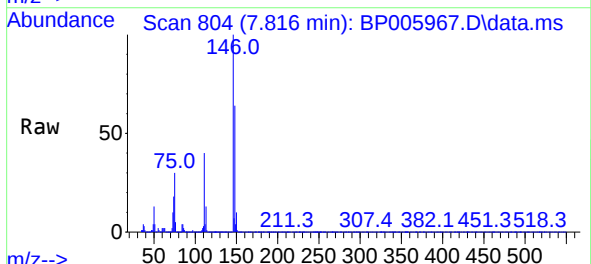
Tgt Ion: 93 Resp: 218652  
Ion Ratio Lower Upper  
93 100  
63 66.2 46.2 86.2  
95 34.1 12.2 52.2

Manual Integrations  
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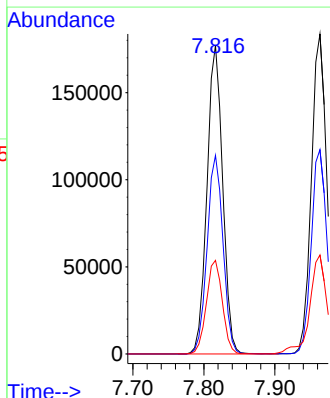
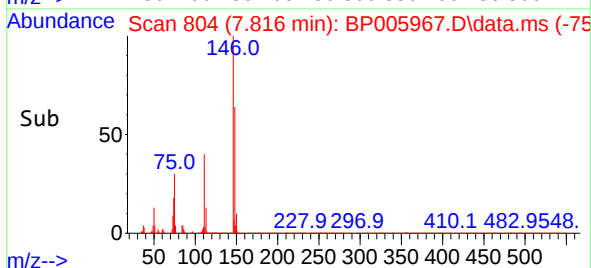
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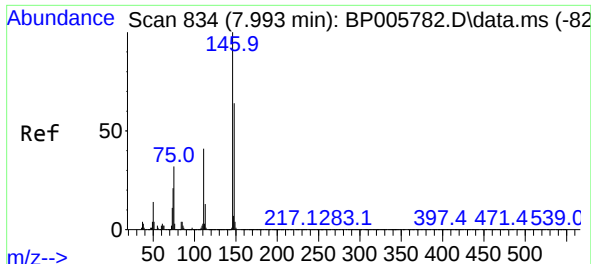


#12  
1,3-Dichlorobenzene  
Concen: 46.257 ng  
RT: 7.816 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



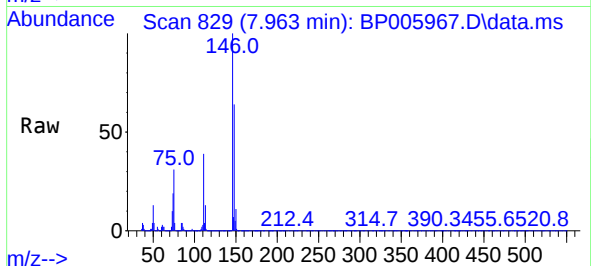
Tgt Ion: 146 Resp: 272097  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.5 77.3  
75 30.3 25.7 38.5





#13  
1,4-Dichlorobenzene  
Concen: 46.383 ng  
RT: 7.963 min Scan# 829  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

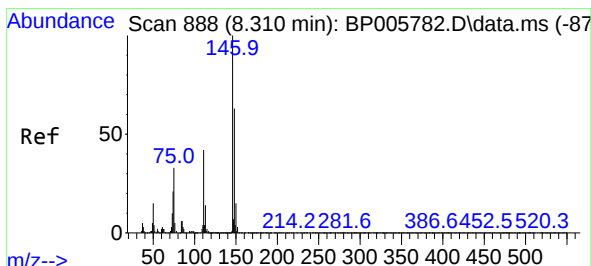
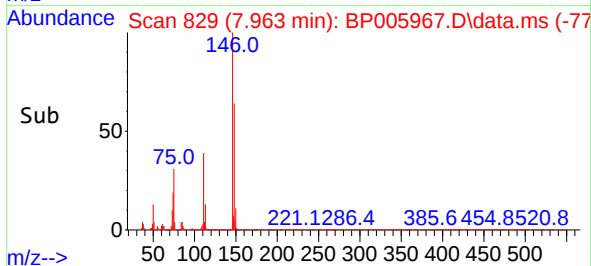
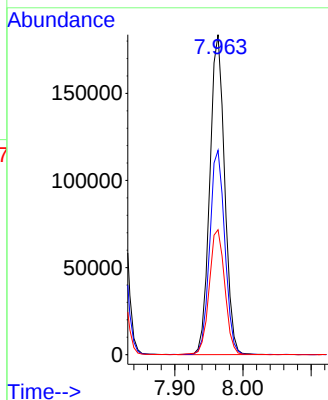
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



Tgt Ion:146 Resp: 278246  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.3 76.9  
111 39.1 33.0 49.6

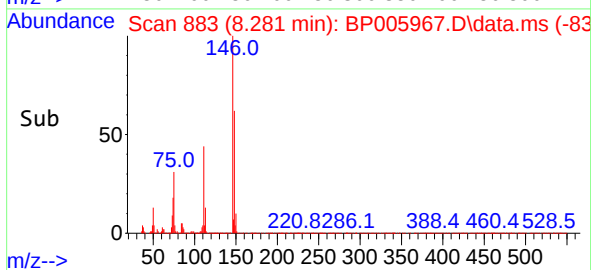
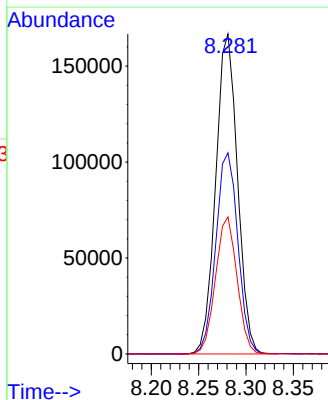
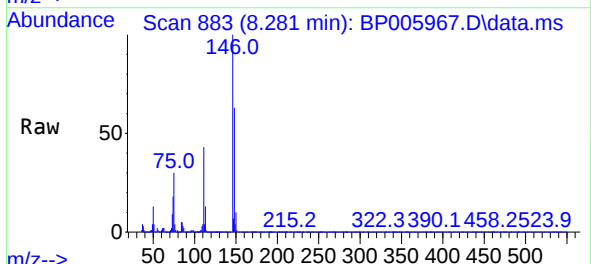
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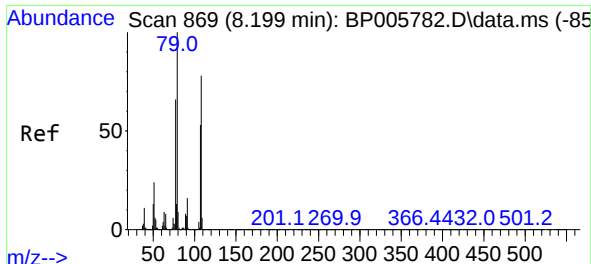
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#14  
1,2-Dichlorobenzene  
Concen: 46.613 ng  
RT: 8.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

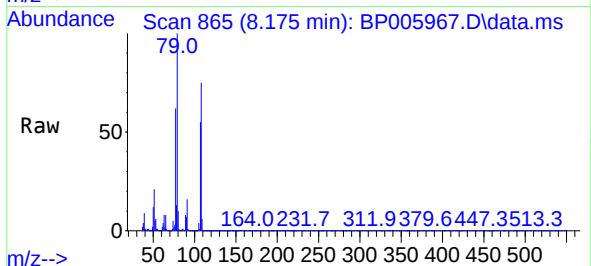
Tgt Ion:146 Resp: 267283  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.3 75.5  
111 42.8 33.7 50.5





#15  
Benzyl Alcohol  
Concen: 47.755 ng  
RT: 8.175 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

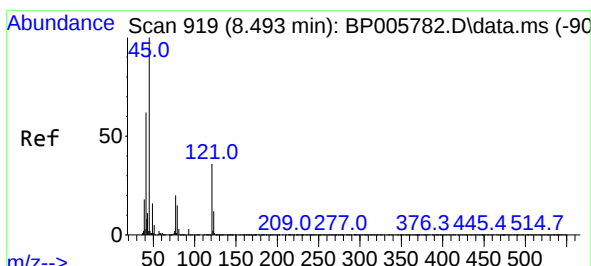
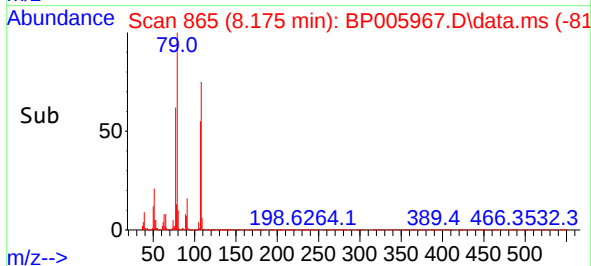
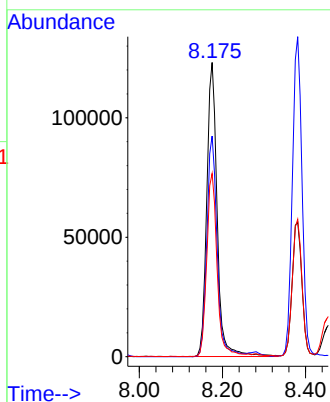
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



Tgt Ion: 79 Resp: 213910  
Ion Ratio Lower Upper  
79 100  
108 75.0 62.5 93.7  
77 62.3 52.9 79.3

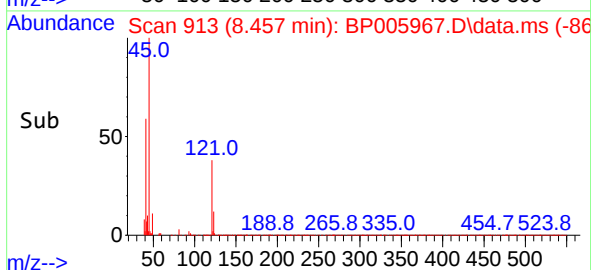
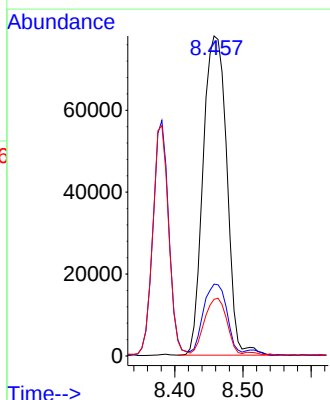
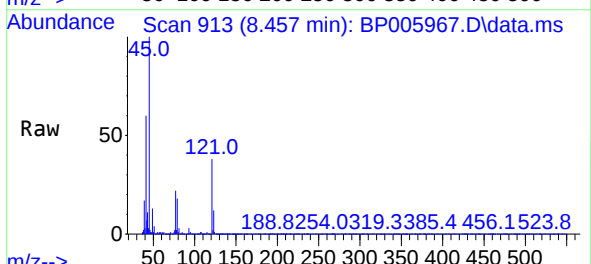
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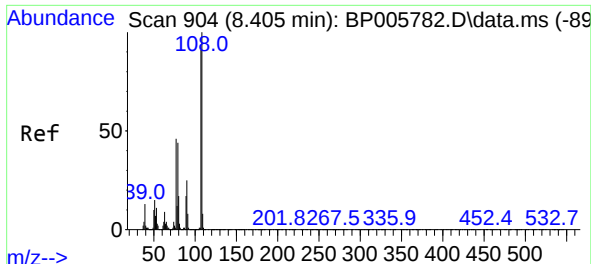
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.332 ng  
RT: 8.457 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

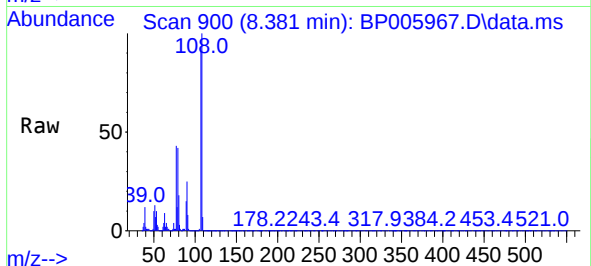
Tgt Ion: 45 Resp: 188646  
Ion Ratio Lower Upper  
45 100  
77 22.4 2.0 42.0  
79 17.7 0.0 36.7





#17  
2-Methylphenol  
Concen: 48.149 ng  
RT: 8.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

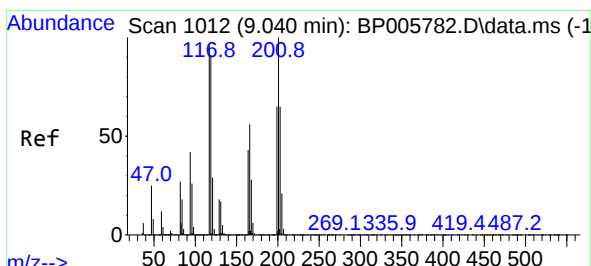
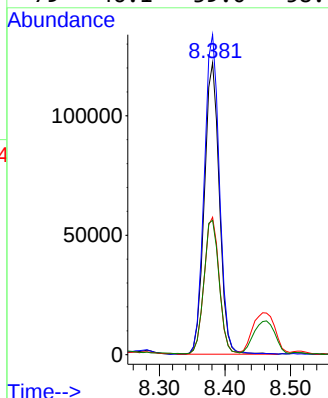
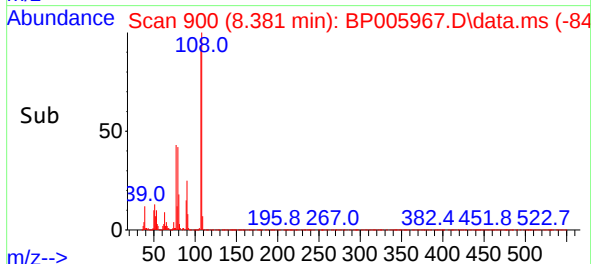
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



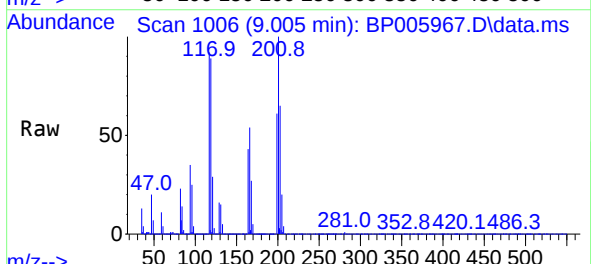
Tgt Ion:107 Resp: 194893  
Ion Ratio Lower Upper  
107 100  
108 109.6 87.7 131.5  
77 47.1 40.2 60.2  
79 46.1 39.0 58.4

Manual Integrations  
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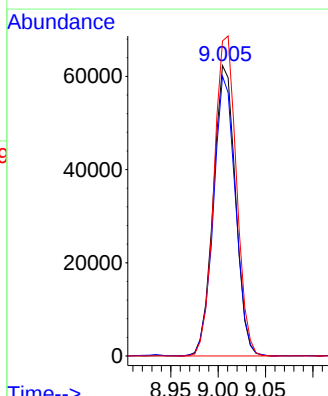
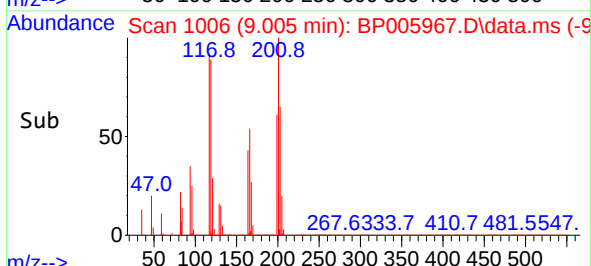
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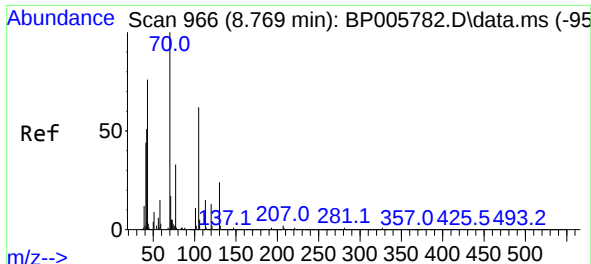


#18  
Hexachloroethane  
Concen: 46.686 ng  
RT: 9.005 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



Tgt Ion:117 Resp: 101305  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.2 114.2  
201 108.5 83.4 125.0

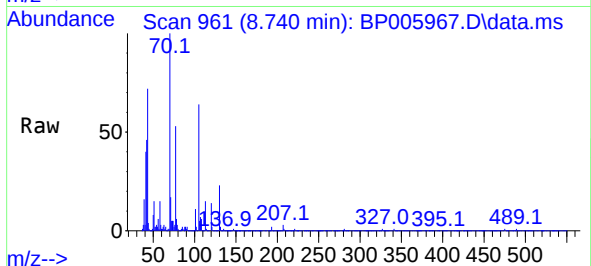




#19

n-Nitroso-di-n-propylamine  
Concen: 44.854 ng  
RT: 8.740 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

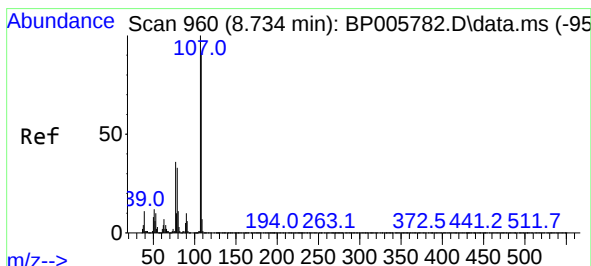
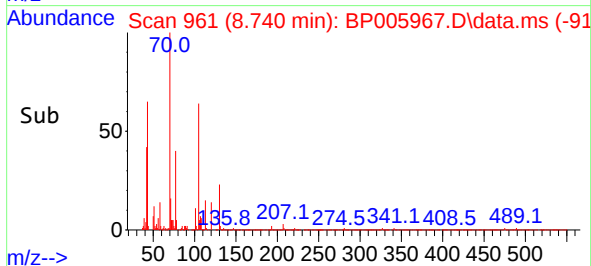
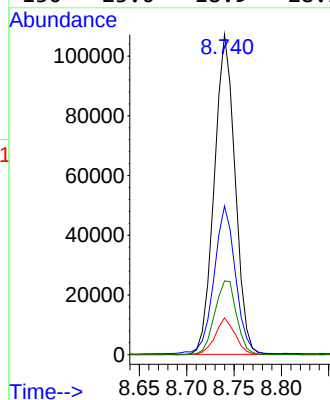


Tgt Ion: 70 Resp: 164099

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 46.5  | 40.8  | 61.2  |
| 101 | 11.5  | 8.8   | 13.2  |
| 130 | 23.0  | 18.9  | 28.3  |

Manual Integrations  
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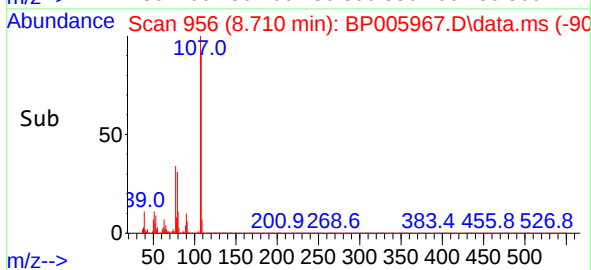
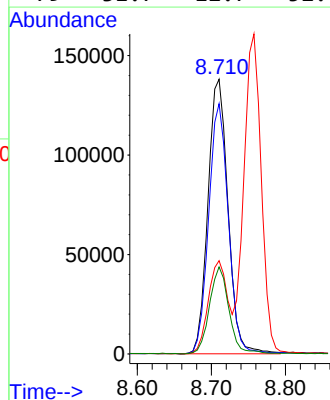
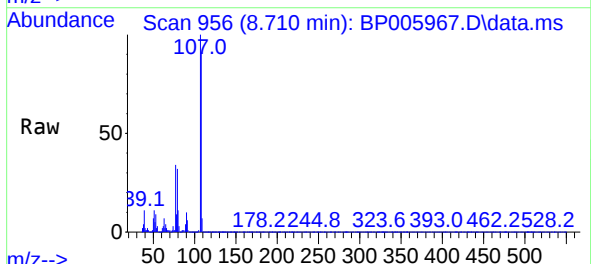


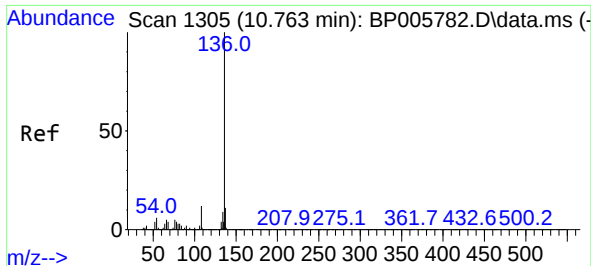
#20

3+4-Methylphenols  
Concen: 47.362 ng  
RT: 8.710 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion: 107 Resp: 258959

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.1  | 71.0  | 111.0 |
| 77  | 33.9  | 16.6  | 56.6  |
| 79  | 31.7  | 12.7  | 52.7  |





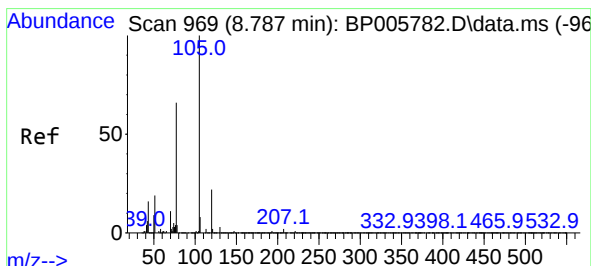
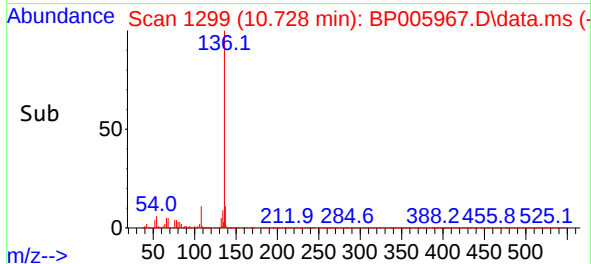
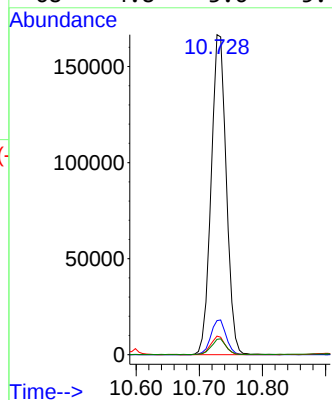
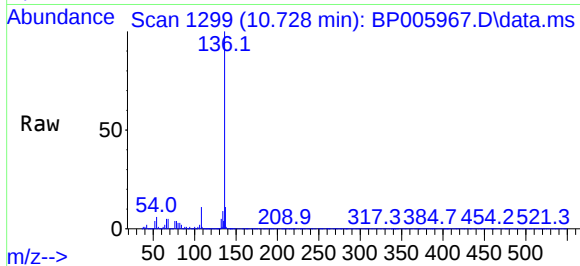
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 277615 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 8.6   | 12.8   |
| 54        | 5.8   | 4.6   | 6.8    |
| 68        | 4.8   | 3.6   | 5.4    |

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

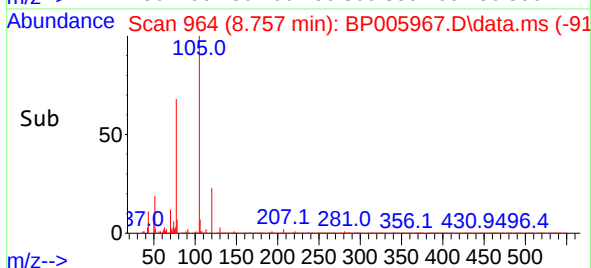
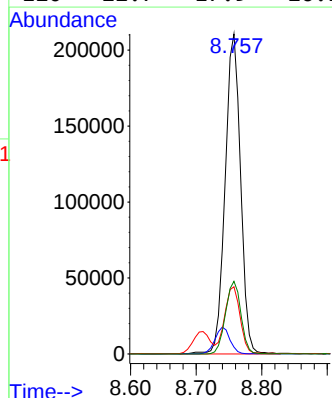
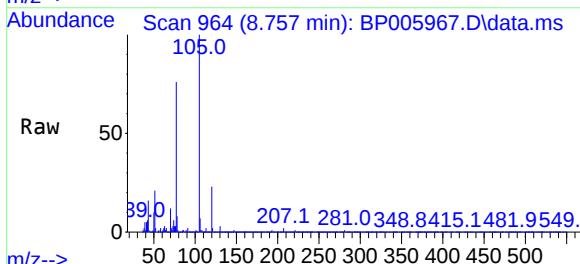
Manual Integrations  
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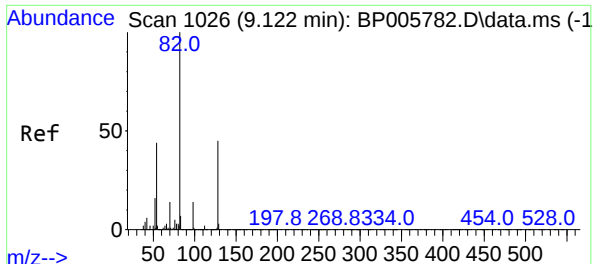
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#22  
Acetophenone  
Concen: 46.943 ng  
RT: 8.757 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 343017 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.1   | 1.9   | 2.9    |
| 51        | 21.0  | 18.4  | 27.6   |
| 120       | 22.7  | 17.9  | 26.9   |





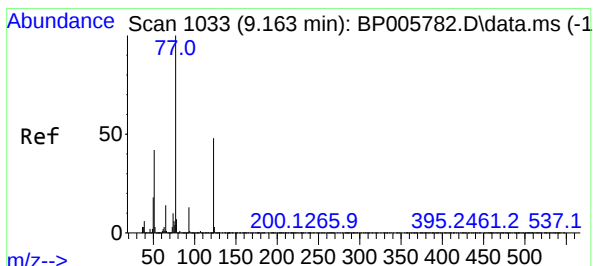
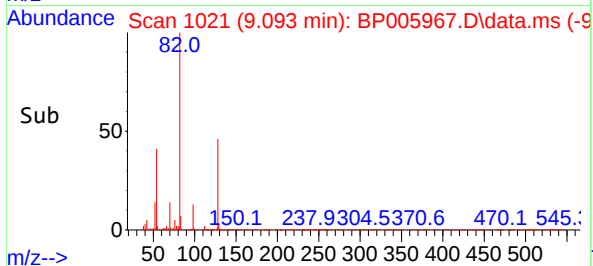
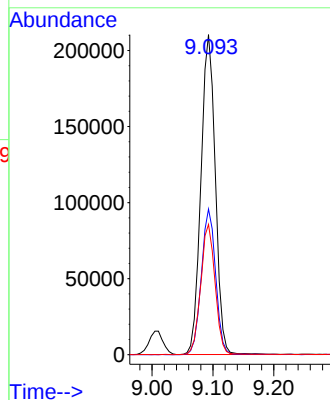
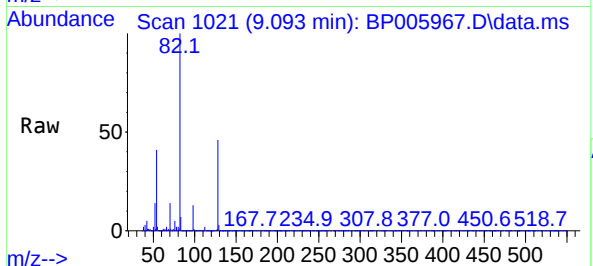
#23  
Nitrobenzene-d5  
Concen: 61.249 ng  
RT: 9.093 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion: 82 Resp: 346821  
Ion Ratio Lower Upper  
82 100  
128 45.5 35.7 53.5  
54 40.7 35.0 52.4

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

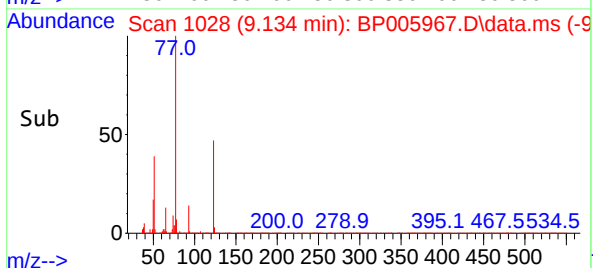
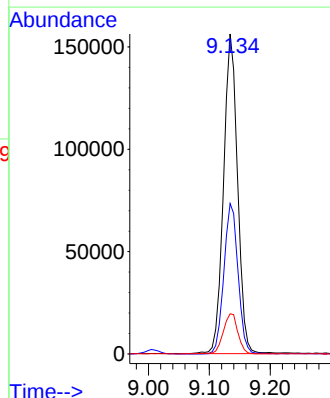
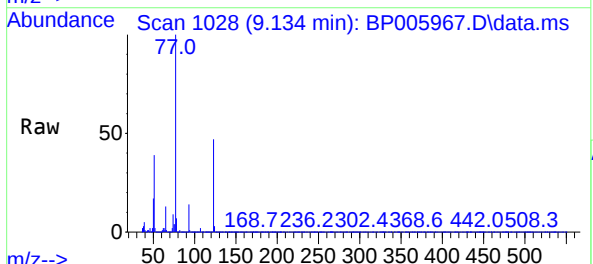
Manual Integrations  
APPROVED

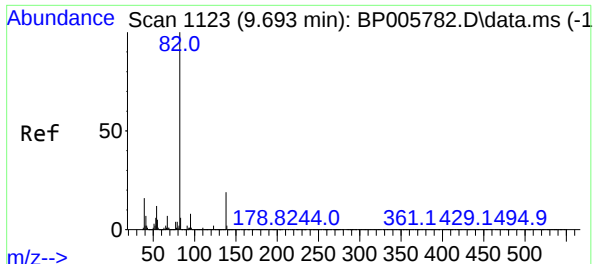
mohammad  
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#24  
Nitrobenzene  
Concen: 42.497 ng  
RT: 9.134 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

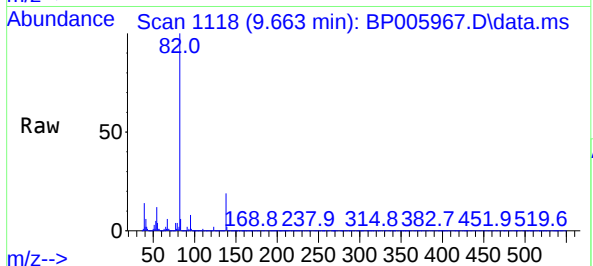
Tgt Ion: 77 Resp: 249883  
Ion Ratio Lower Upper  
77 100  
123 47.0 38.2 57.2  
65 12.6 11.4 17.2





#25  
Isophorone  
Concen: 41.043 ng  
RT: 9.663 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

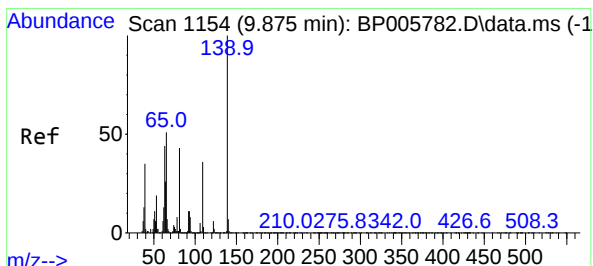
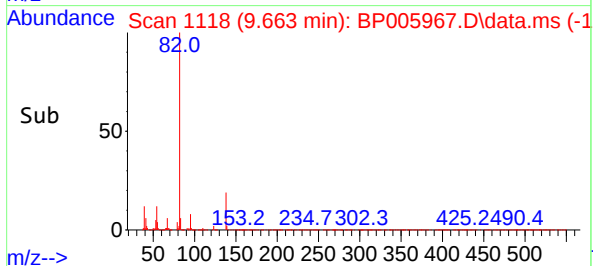
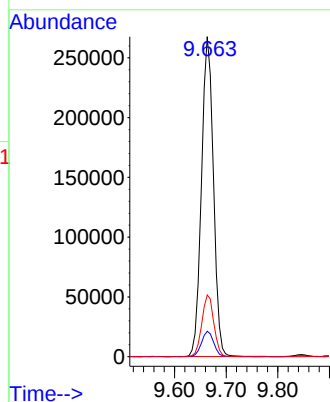
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



Tgt Ion: 82 Resp: 429185  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.5 9.7  
138 19.3 15.0 22.4

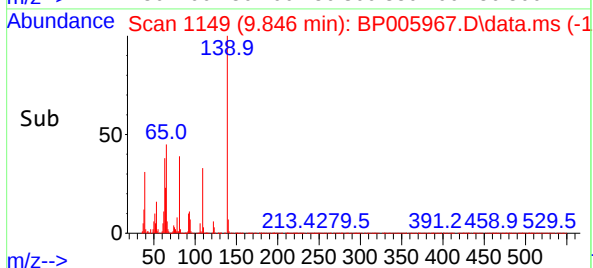
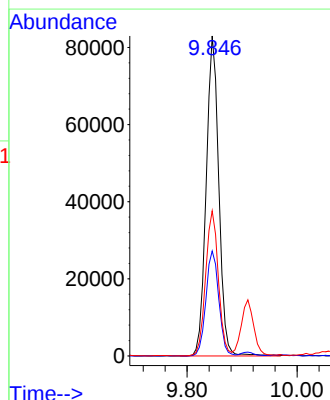
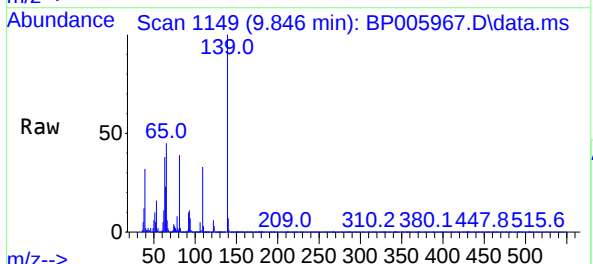
Manual Integrations  
APPROVED

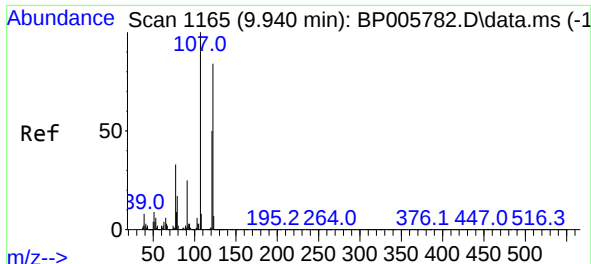
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#26  
2-Nitrophenol  
Concen: 47.123 ng  
RT: 9.846 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion: 139 Resp: 132205  
Ion Ratio Lower Upper  
139 100  
109 32.8 28.8 43.2  
65 45.3 41.0 61.6





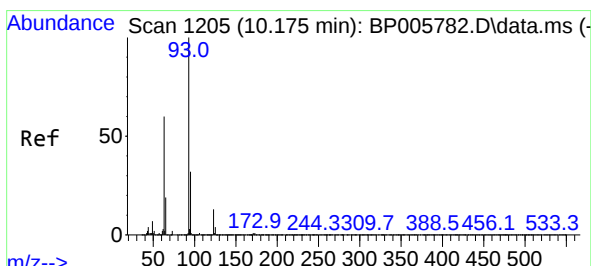
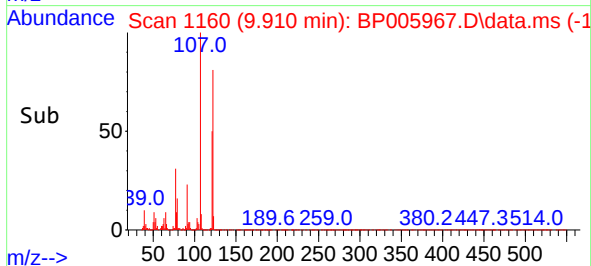
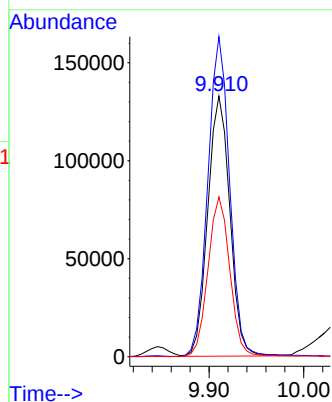
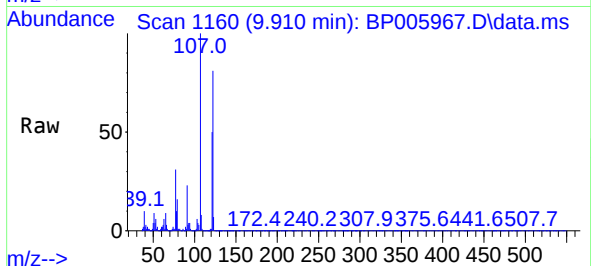
#27  
2,4-Dimethylphenol  
Concen: 51.421 ng  
RT: 9.910 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 214922 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 122.8 | 94.5  | 141.7  |
| 121      | 61.3  | 47.4  | 71.2   |

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

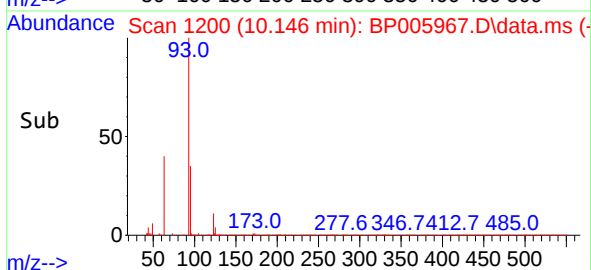
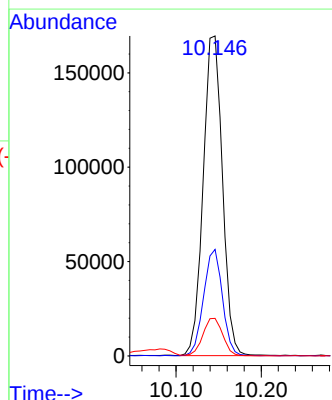
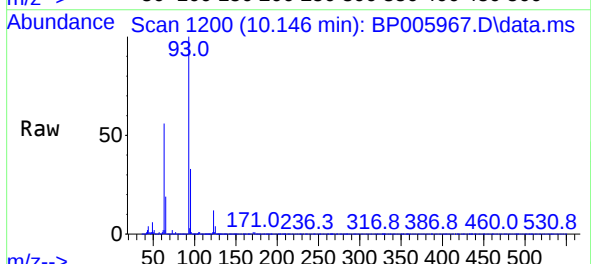
Manual Integrations  
APPROVED

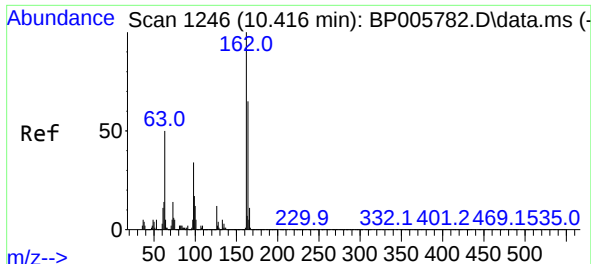
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#28  
bis(2-Chloroethoxy)methane  
Concen: 48.770 ng  
RT: 10.146 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

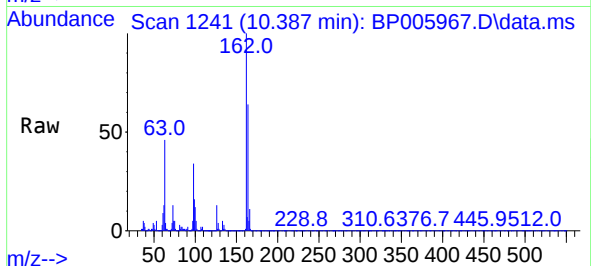
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 266163 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.3  | 25.9  | 38.9   |
| 123      | 11.8  | 10.2  | 15.2   |





#29  
2,4-Dichlorophenol  
Concen: 45.368 ng  
RT: 10.387 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

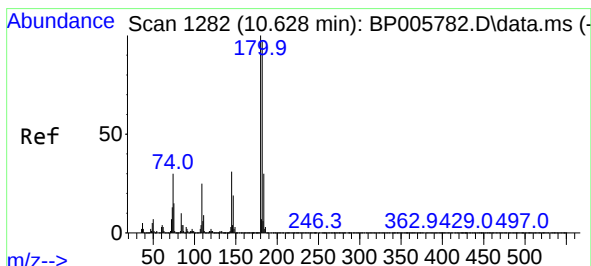
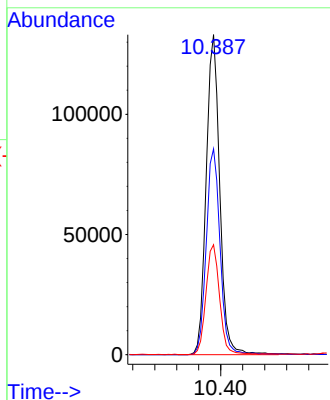
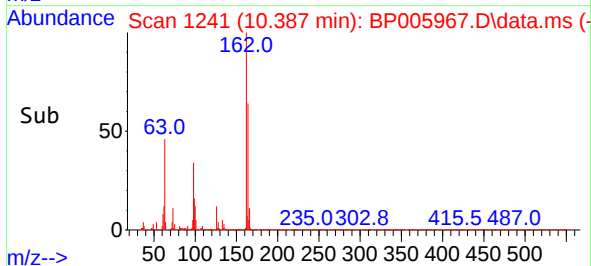
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



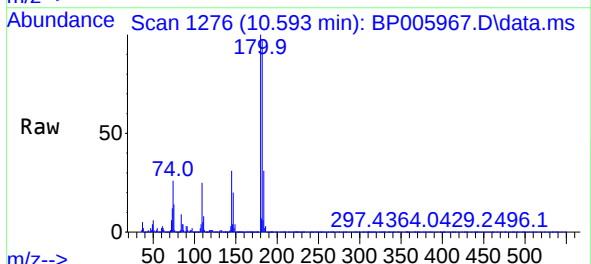
Tgt Ion:162 Resp: 227879  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.9 84.9  
98 34.3 14.3 54.3

Manual Integrations  
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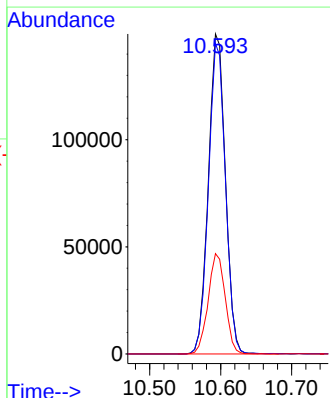
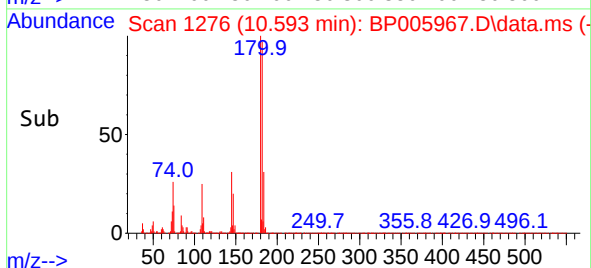
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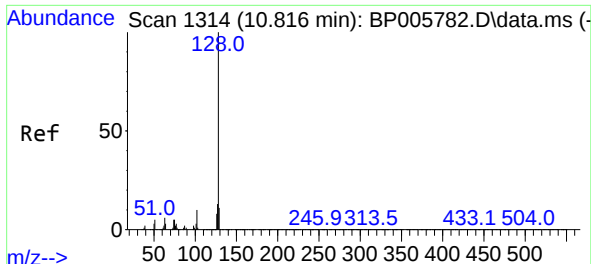


#30  
1,2,4-Trichlorobenzene  
Concen: 44.065 ng  
RT: 10.593 min Scan# 1276  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



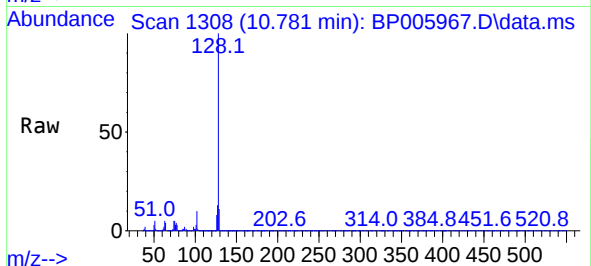
Tgt Ion:180 Resp: 248698  
Ion Ratio Lower Upper  
180 100  
182 97.0 77.9 116.9  
145 31.4 24.7 37.1





#31  
Naphthalene  
Concen: 44.732 ng  
RT: 10.781 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

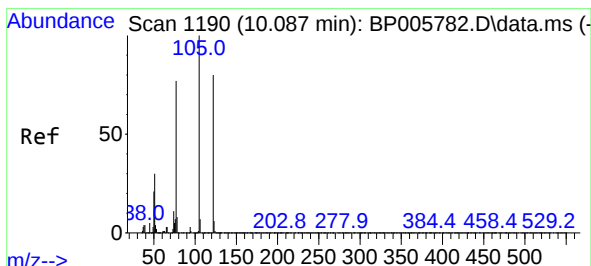
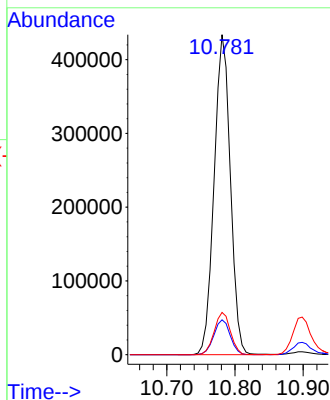
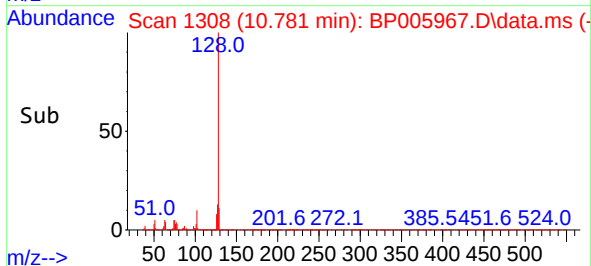
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



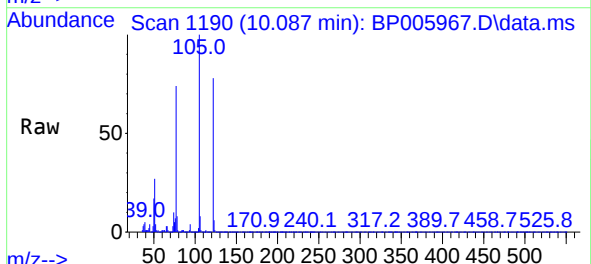
Tgt Ion:128 Resp: 718515  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.6  
127 13.2 10.7 16.1

Manual Integrations  
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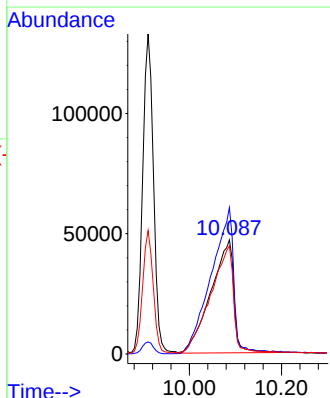
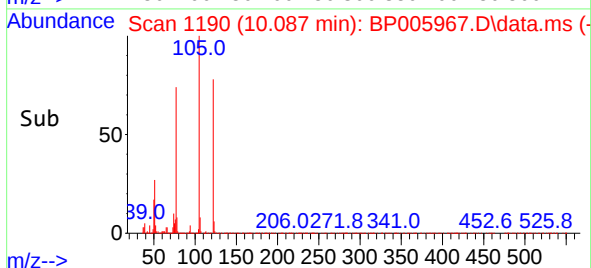
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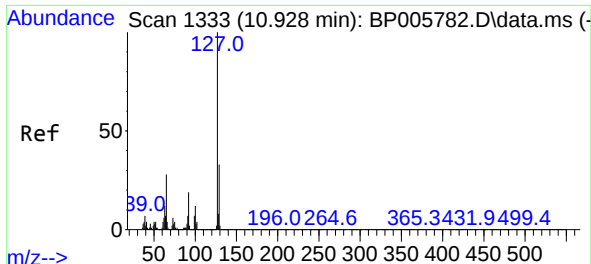


#32  
Benzoic acid  
Concen: 51.365 ng  
RT: 10.087 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



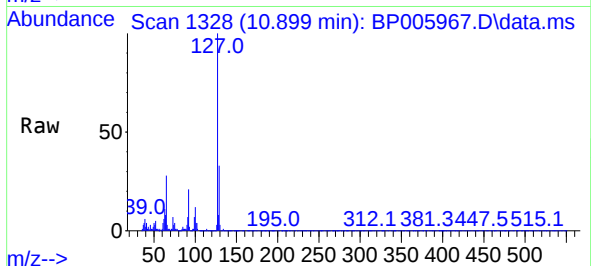
Tgt Ion:122 Resp: 162451  
Ion Ratio Lower Upper  
122 100  
105 128.1 103.2 143.2  
77 94.7 76.2 116.2





#33  
4-Chloroaniline  
Concen: 15.355 ng  
RT: 10.899 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

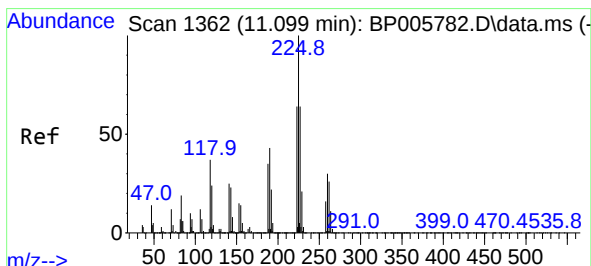
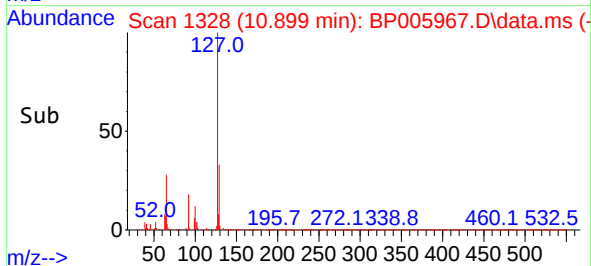
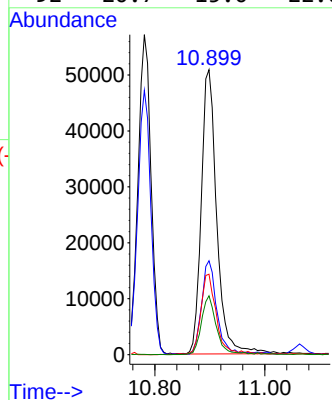
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 99641 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.9  | 26.1  | 39.1  |
| 65        | 28.3  | 22.5  | 33.7  |
| 92        | 20.7  | 15.0  | 22.6  |

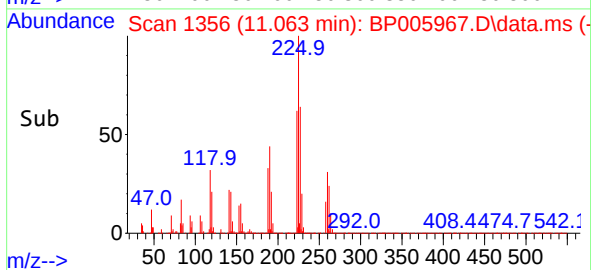
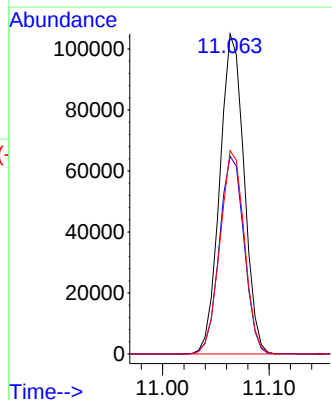
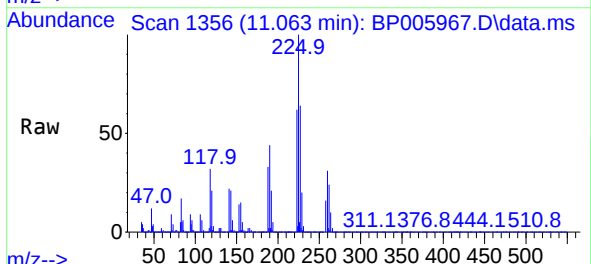
Manual Integrations  
APPROVED

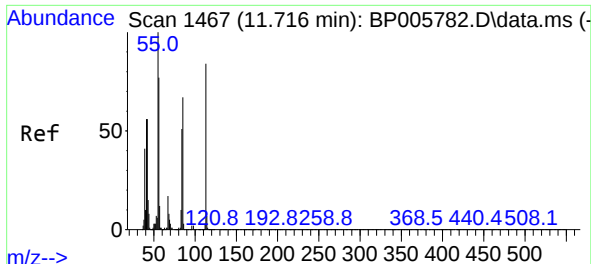
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#34  
Hexachlorobutadiene  
Concen: 43.433 ng  
RT: 11.063 min Scan# 1356  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 165805 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.8  | 51.0  | 76.6   |
| 227       | 63.6  | 51.4  | 77.2   |





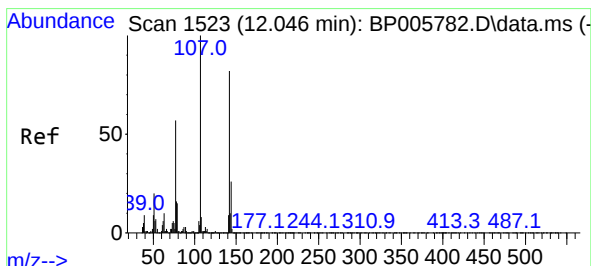
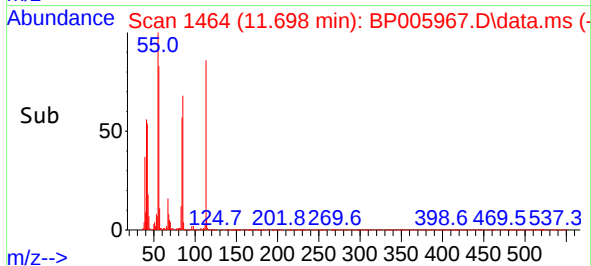
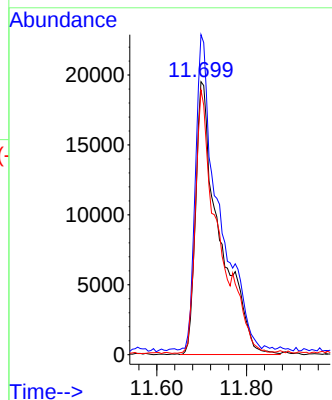
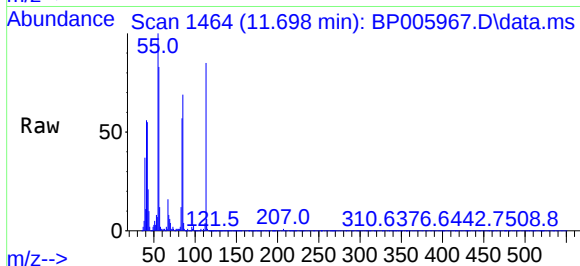
#35  
Caprolactam  
Concen: 49.594 ng  
RT: 11.698 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion:113 Resp: 71753  
Ion Ratio Lower Upper  
113 100  
55 117.3 98.9 138.9  
56 97.0 71.7 111.7

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

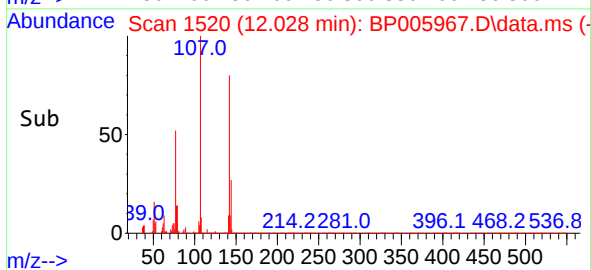
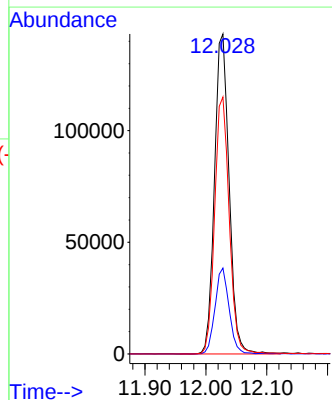
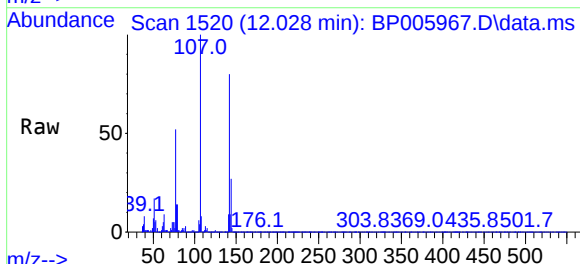
Manual Integrations  
APPROVED

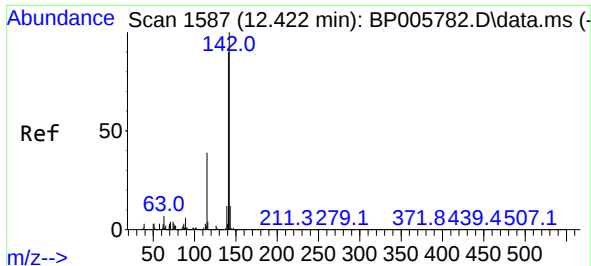
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#36  
4-Chloro-3-methylphenol  
Concen: 46.795 ng  
RT: 12.028 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion:107 Resp: 238662  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.1 31.7  
142 80.3 66.0 99.0





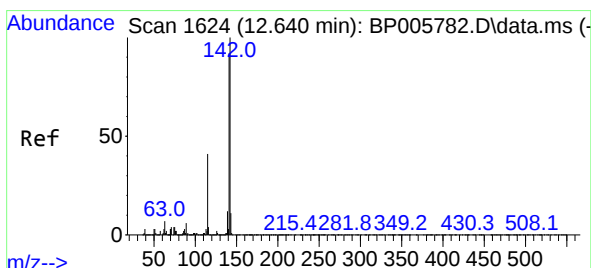
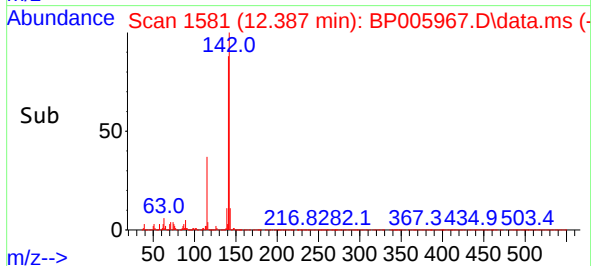
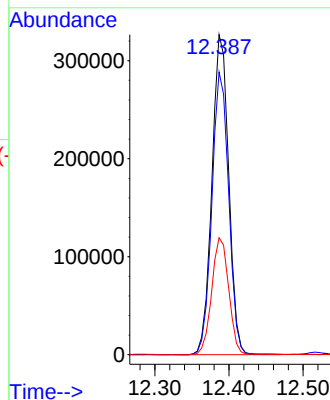
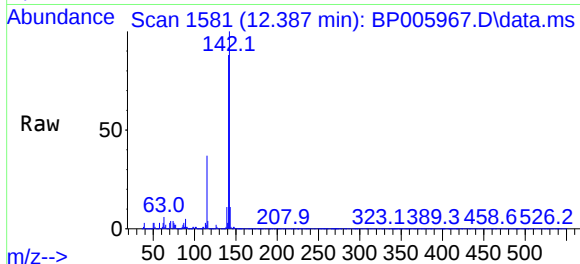
#37  
2-Methylnaphthalene  
Concen: 44.849 ng  
RT: 12.387 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 512911 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 88.3  | 71.8  | 107.6  |
| 115      | 36.6  | 31.6  | 47.4   |

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

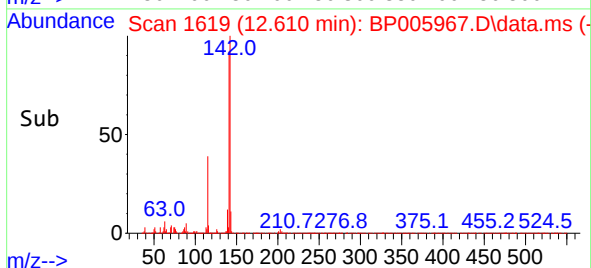
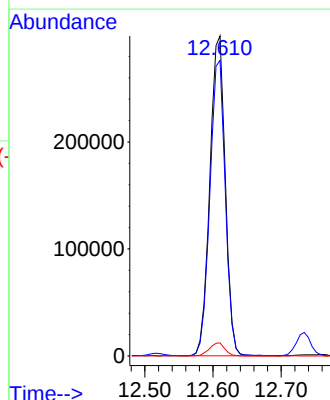
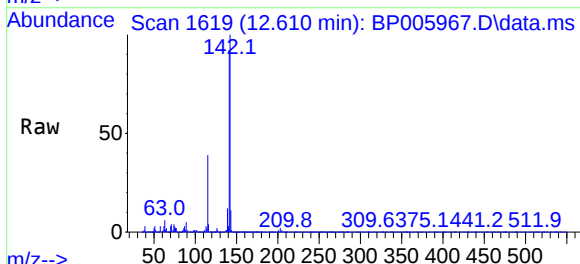
Manual Integrations  
APPROVED

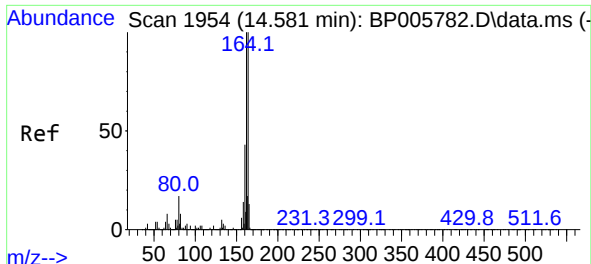
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 43.694 ng  
RT: 12.610 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

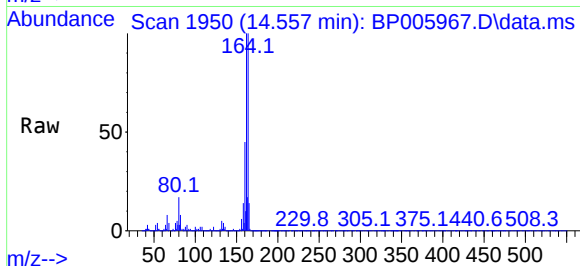
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 470685 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 92.3  | 73.3  | 109.9  |
| 116      | 4.1   | 3.5   | 5.3    |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

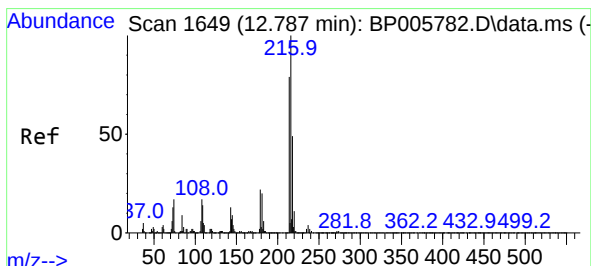
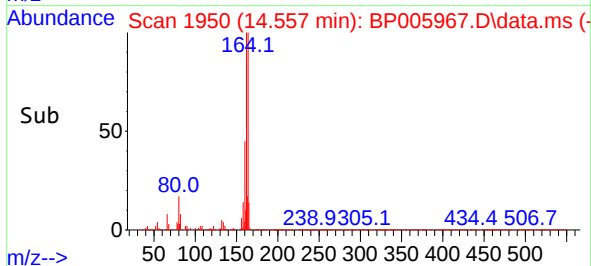
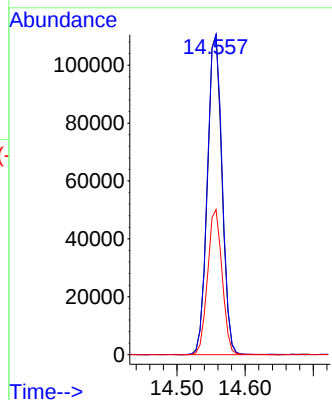
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



Tgt Ion:164 Resp: 163666  
Ion Ratio Lower Upper  
164 100  
162 100.0 80.2 120.2  
160 45.4 34.5 51.7

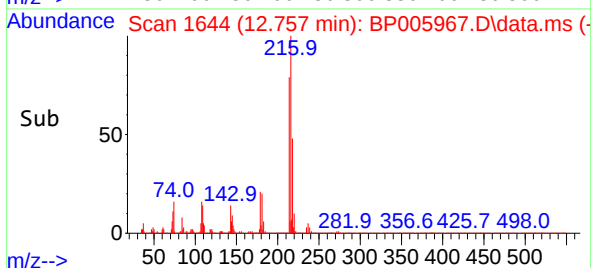
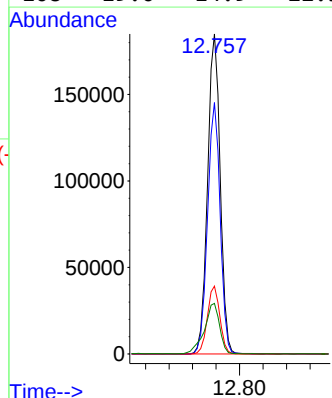
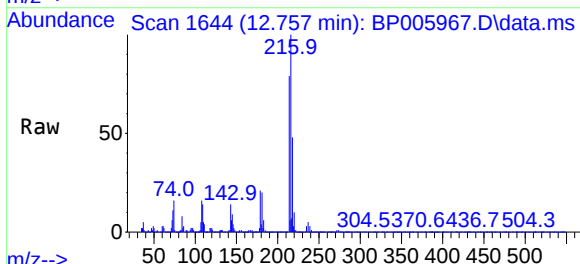
Manual Integrations  
APPROVED

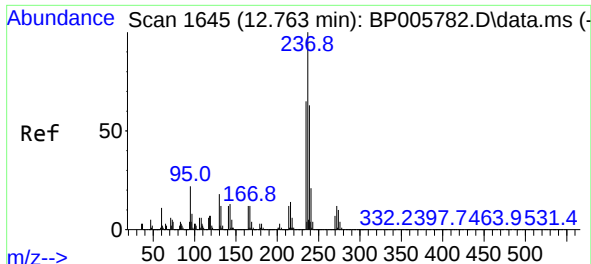
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.765 ng  
RT: 12.757 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

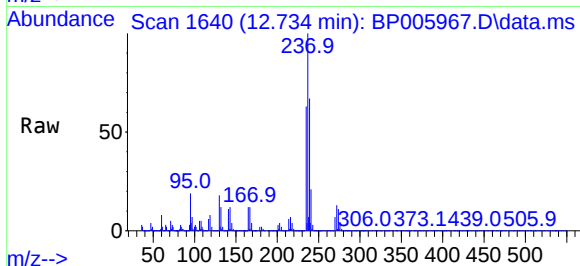
Tgt Ion:216 Resp: 275169  
Ion Ratio Lower Upper  
216 100  
214 78.4 61.9 92.9  
179 21.0 16.8 25.2  
108 19.0 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 98.070 ng  
RT: 12.734 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

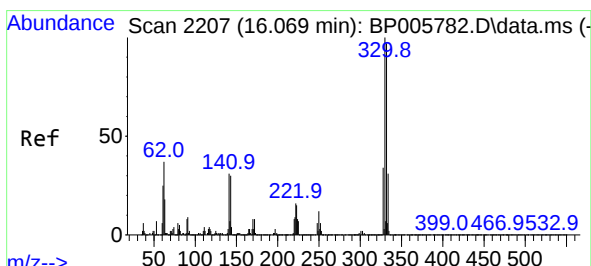
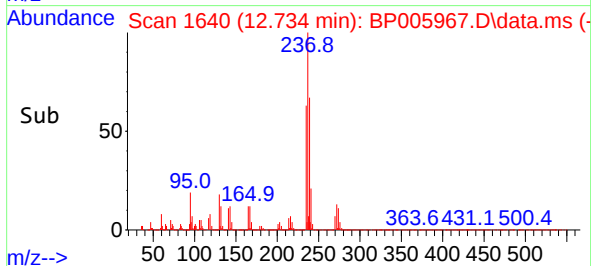
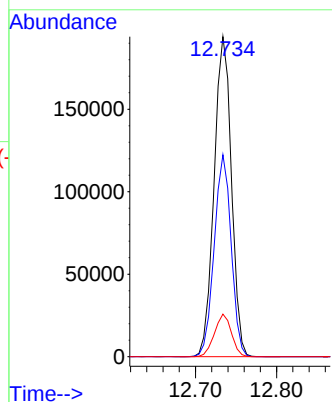
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



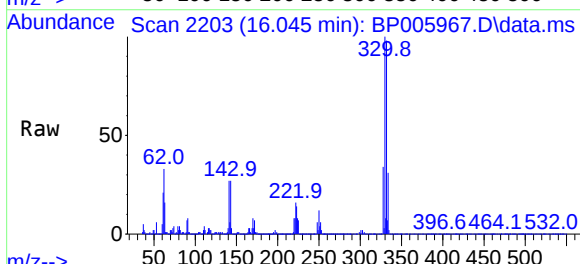
Tgt Ion: 237 Resp: 287731  
Ion Ratio Lower Upper  
237 100  
235 63.1 44.5 84.5  
272 13.3 0.0 32.5

Manual Integrations  
APPROVED

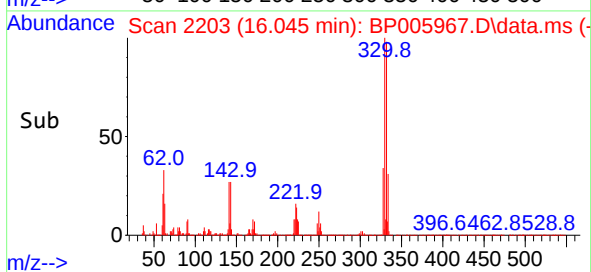
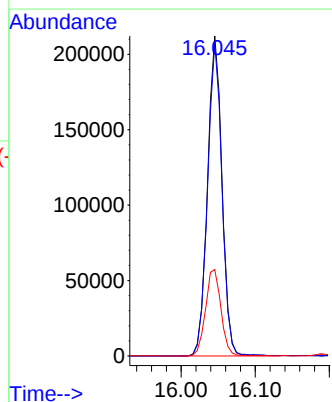
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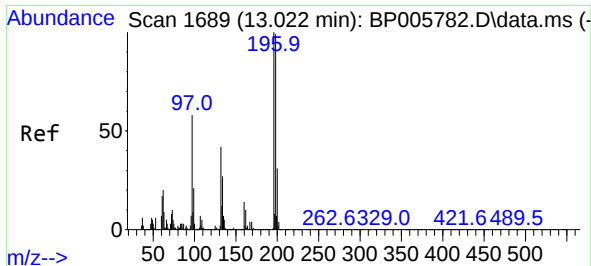


#42  
2,4,6-Tribromophenol  
Concen: 102.639 ng  
RT: 16.045 min Scan# 2203  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



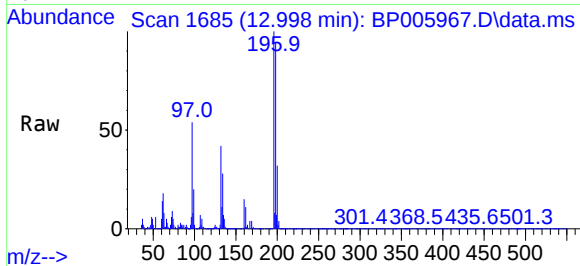
Tgt Ion: 330 Resp: 288276  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 28.8 25.4 38.2





#43  
2,4,6-Trichlorophenol  
Concen: 46.860 ng  
RT: 12.998 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

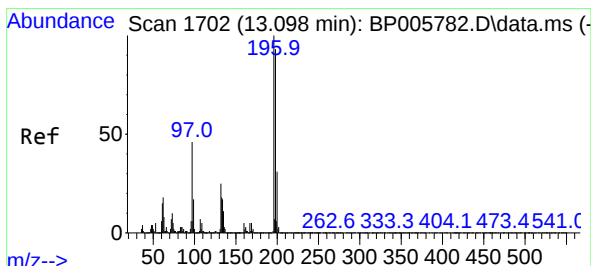
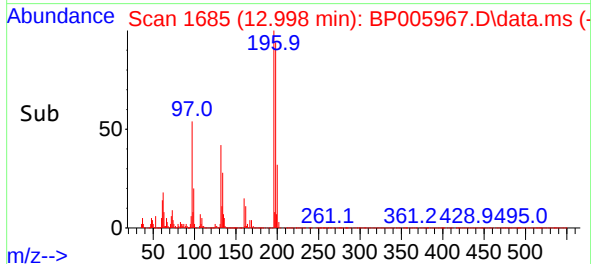
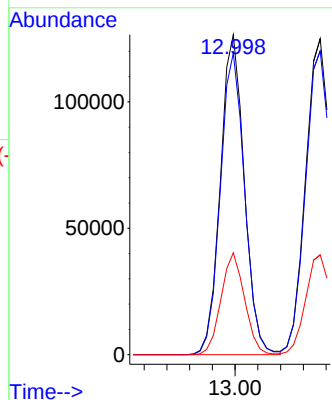
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



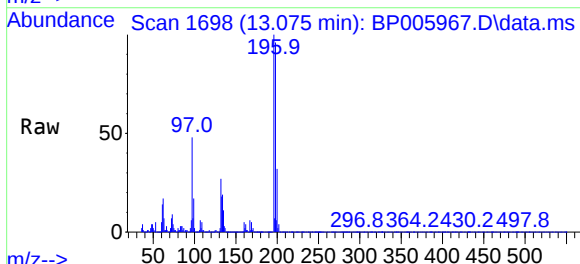
Tgt Ion:196 Resp: 185165  
Ion Ratio Lower Upper  
196 100  
198 94.2 79.5 119.3  
200 31.9 25.0 37.6

Manual Integrations  
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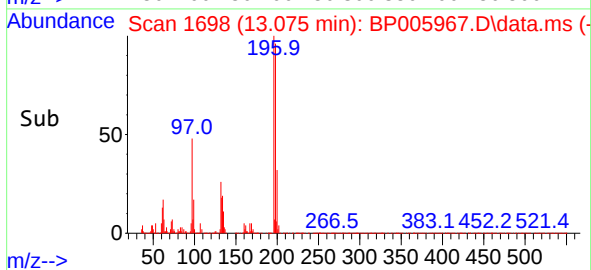
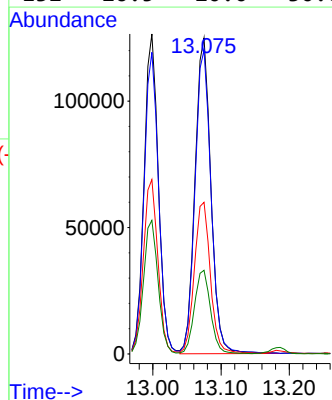
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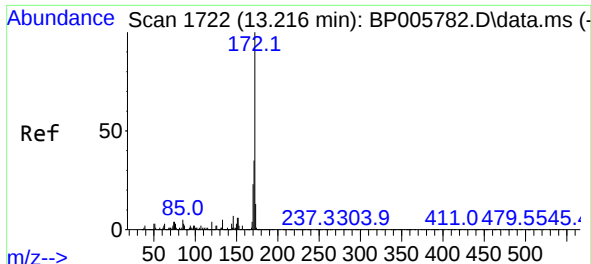


#44  
2,4,5-Trichlorophenol  
Concen: 47.397 ng  
RT: 13.075 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



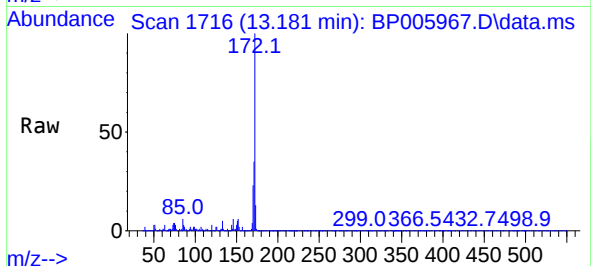
Tgt Ion:196 Resp: 201698  
Ion Ratio Lower Upper  
196 100  
198 96.1 74.7 112.1  
97 48.0 37.4 56.0  
132 26.5 20.0 30.0





#45  
2-Fluorobiphenyl  
Concen: 60.697 ng  
RT: 13.181 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

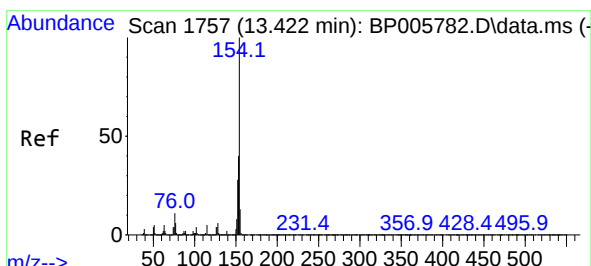
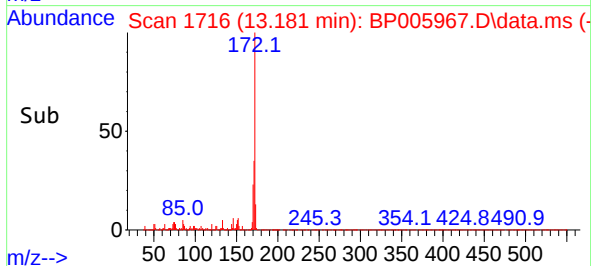
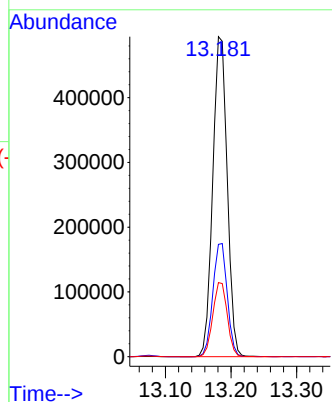
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



Tgt Ion:172 Resp: 756514  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.9 41.9  
170 23.1 18.6 27.8

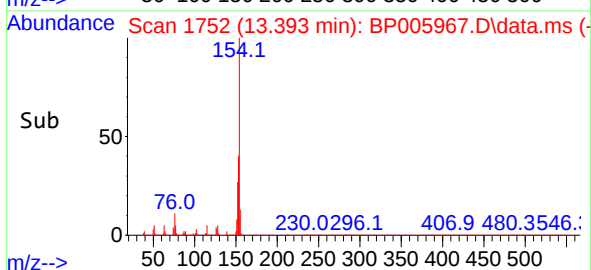
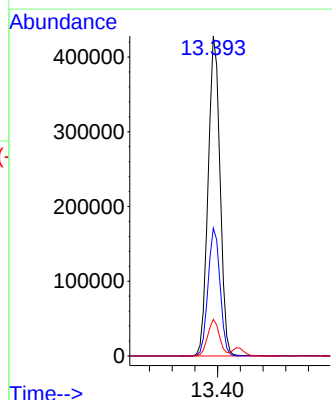
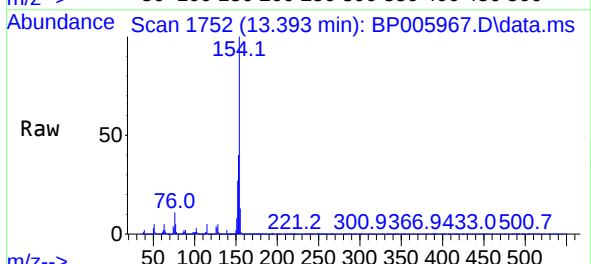
Manual Integrations  
APPROVED

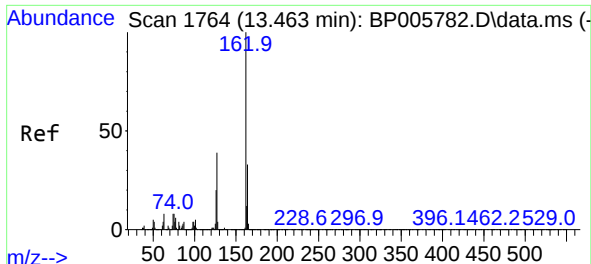
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#46  
1,1'-Biphenyl  
Concen: 46.998 ng  
RT: 13.393 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion:154 Resp: 620185  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.4 60.4  
76 11.5 0.0 30.8





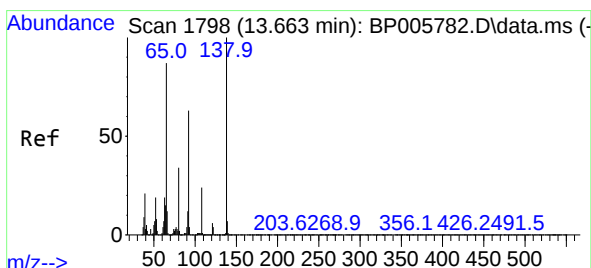
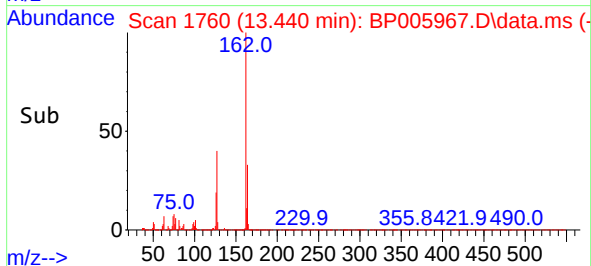
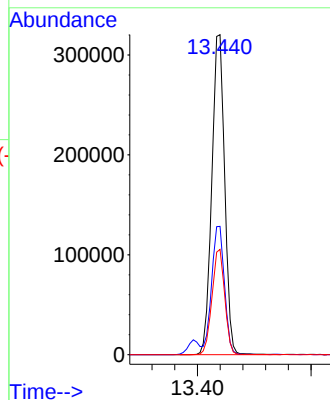
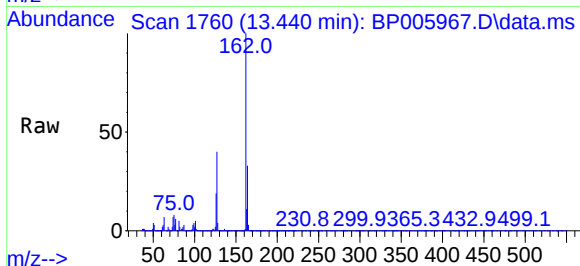
#47  
2-Chloronaphthalene  
Concen: 46.486 ng  
RT: 13.440 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

Tgt Ion:162 Resp: 500917  
Ion Ratio Lower Upper  
162 100  
127 40.1 31.4 47.0  
164 32.9 26.6 39.8

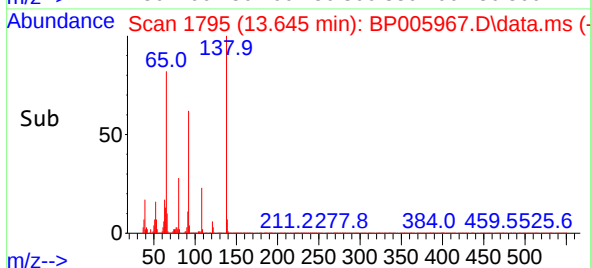
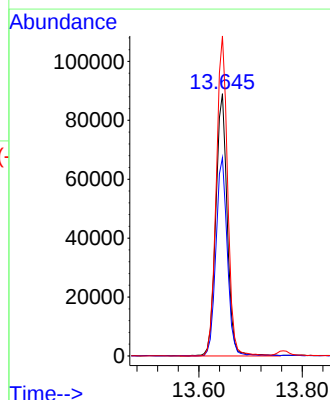
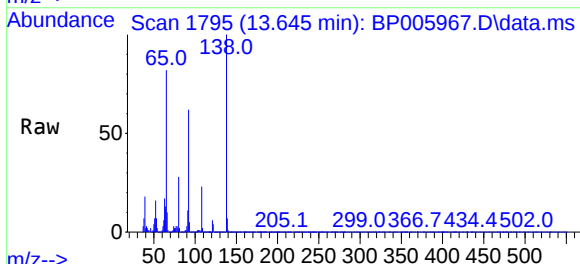
Manual Integrations  
APPROVED

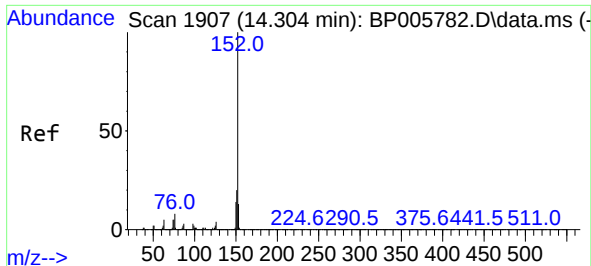
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#48  
2-Nitroaniline  
Concen: 48.318 ng  
RT: 13.645 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

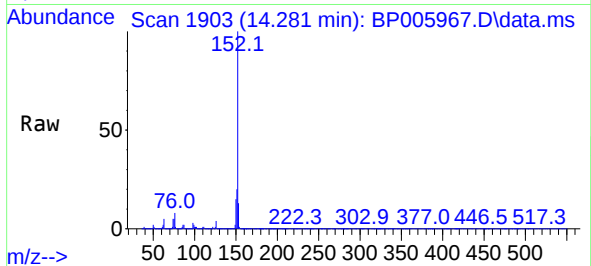
Tgt Ion: 65 Resp: 136896  
Ion Ratio Lower Upper  
65 100  
92 75.6 57.7 86.5  
138 122.1 92.1 138.1





#49  
Acenaphthylene  
Concen: 47.648 ng  
RT: 14.281 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

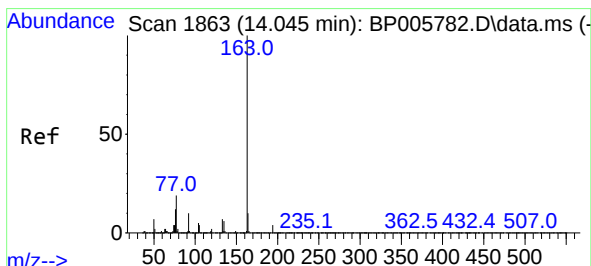
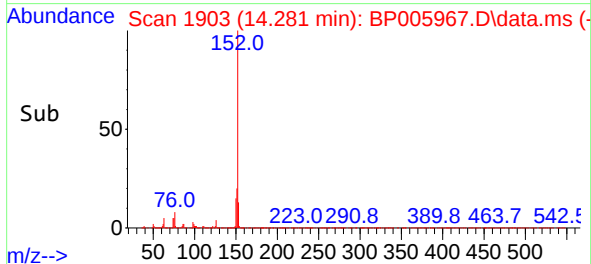
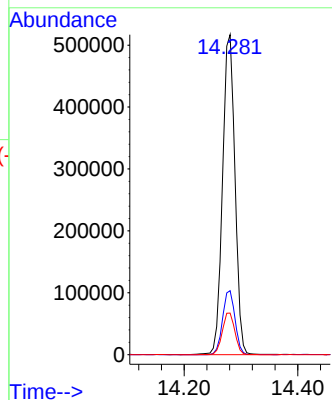
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



Tgt Ion:152 Resp: 787711  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2  
153 13.0 10.6 16.0

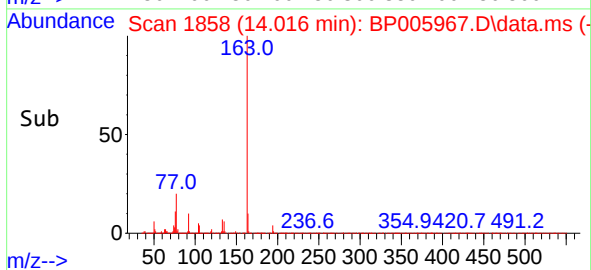
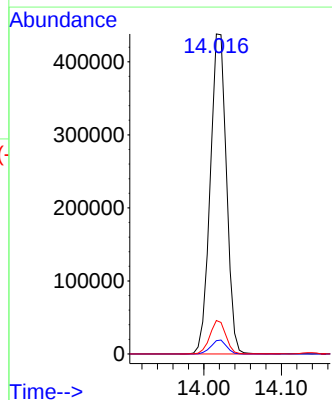
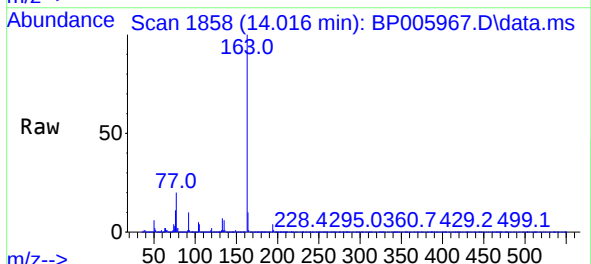
Manual Integrations  
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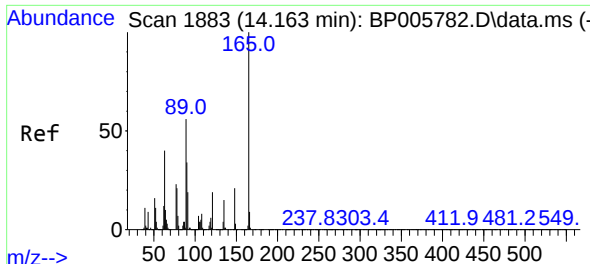
mohammad  
6/18/2021 1:02:49 PM



#50  
Dimethylphthalate  
Concen: 47.264 ng  
RT: 14.016 min Scan# 1858  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

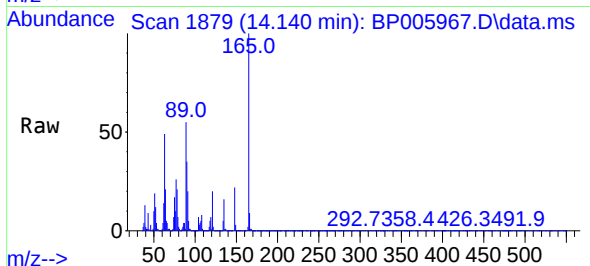
Tgt Ion:163 Resp: 636017  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.2  
164 10.5 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 45.920 ng  
RT: 14.140 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

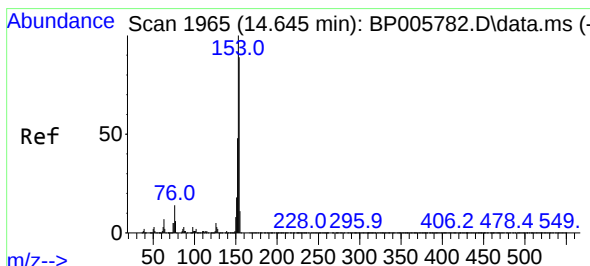
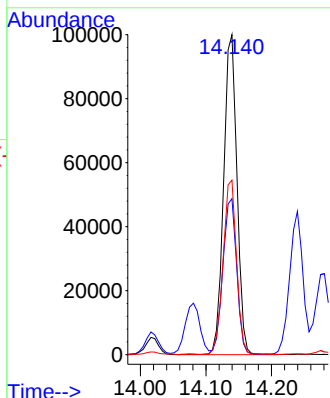
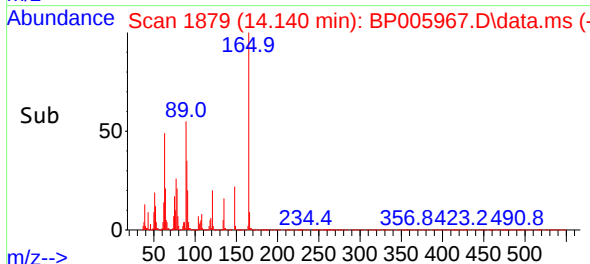
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



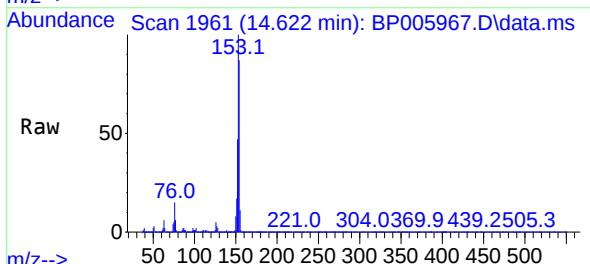
Tgt Ion:165 Resp: 140451  
Ion Ratio Lower Upper  
165 100  
63 48.7 41.3 61.9  
89 54.6 44.8 67.2

Manual Integrations  
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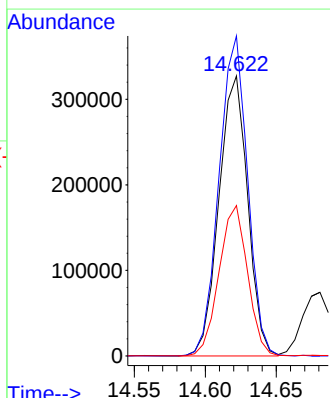
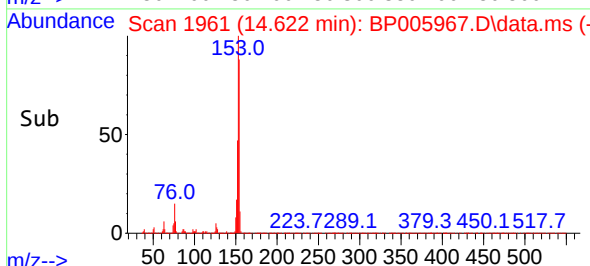
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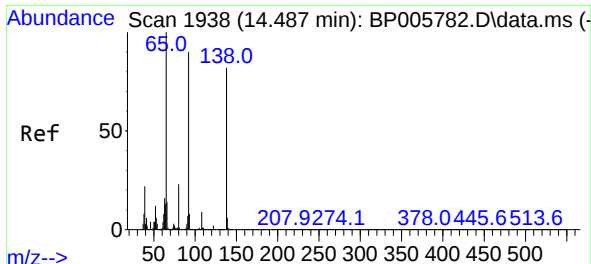


#52  
Acenaphthene  
Concen: 45.973 ng  
RT: 14.622 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



Tgt Ion:154 Resp: 461545  
Ion Ratio Lower Upper  
154 100  
153 114.3 89.4 134.2  
152 53.7 43.0 64.4





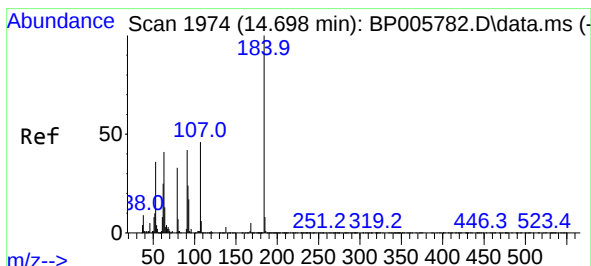
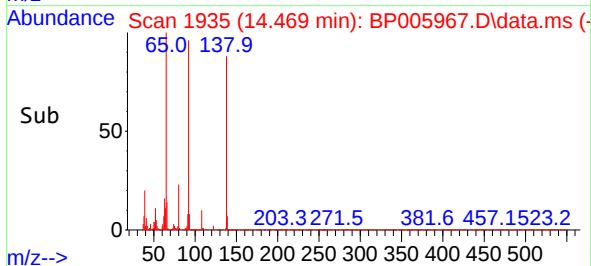
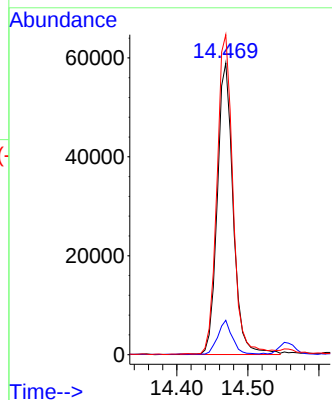
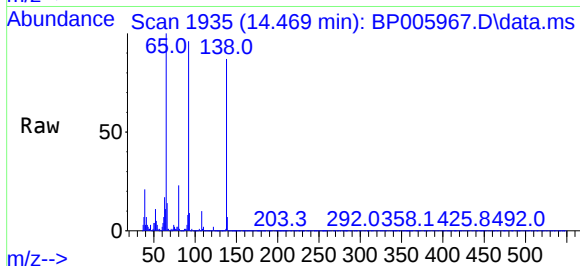
#53  
3-Nitroaniline  
Concen: 30.783 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

Tgt Ion:138 Resp: 91254  
Ion Ratio Lower Upper  
138 100  
108 11.8 8.4 12.6  
92 109.7 87.8 131.8

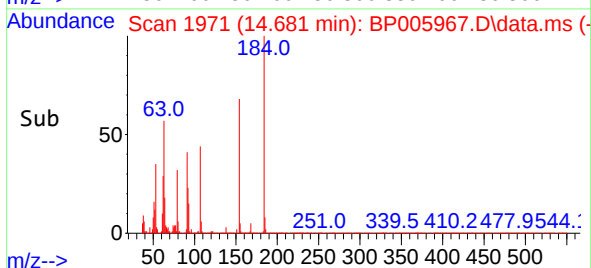
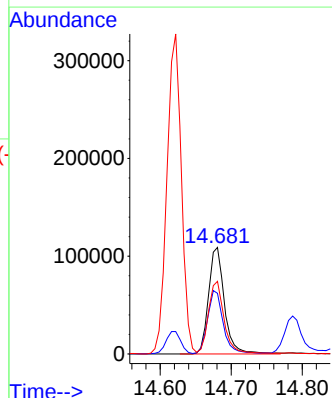
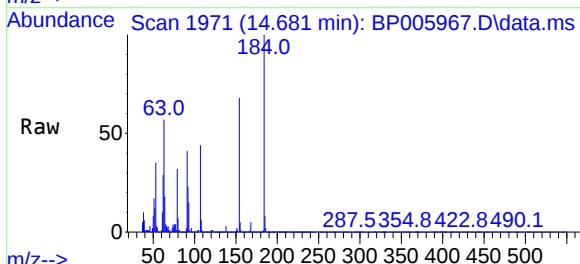
Manual Integrations  
APPROVED

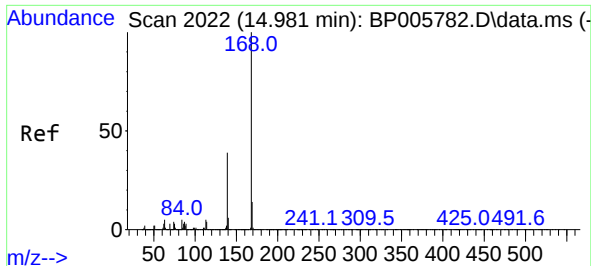
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 92.429 ng  
RT: 14.681 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

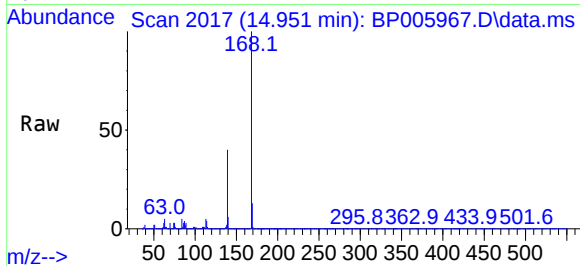
Tgt Ion:184 Resp: 169594  
Ion Ratio Lower Upper  
184 100  
63 57.0 47.0 70.6  
154 68.3 52.3 78.5





#55  
Dibenzofuran  
Concen: 44.876 ng  
RT: 14.951 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

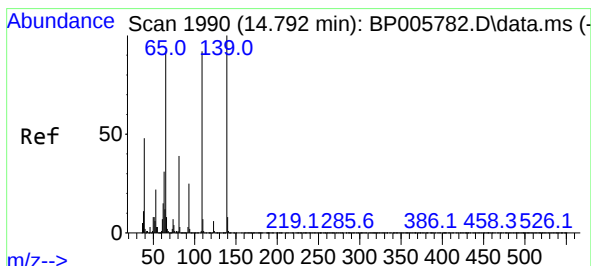
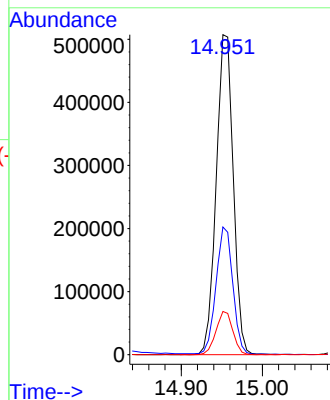
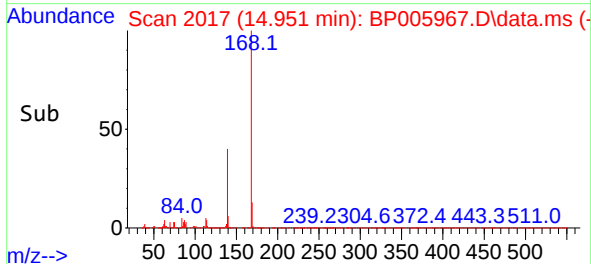
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



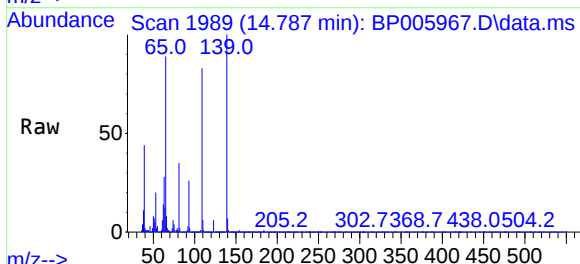
Tgt Ion:168 Resp: 740914  
Ion Ratio Lower Upper  
168 100  
139 39.9 31.0 46.6  
169 13.5 10.8 16.2

Manual Integrations  
APPROVED

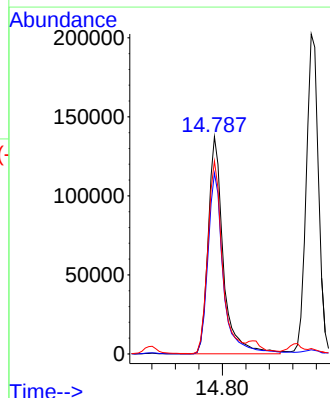
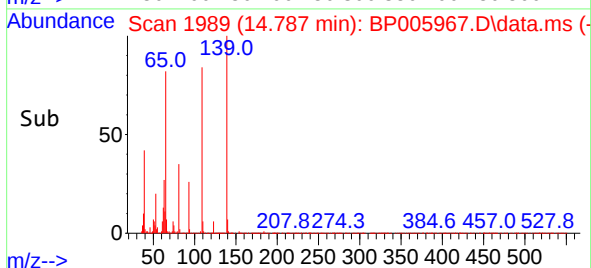
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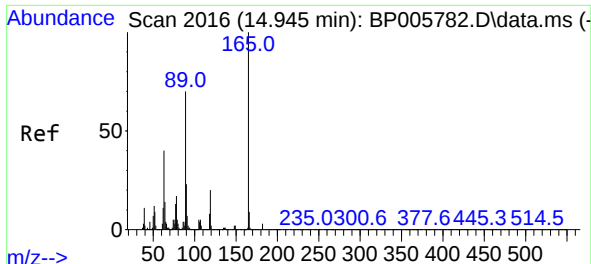


#56  
4-Nitrophenol  
Concen: 101.754 ng  
RT: 14.787 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



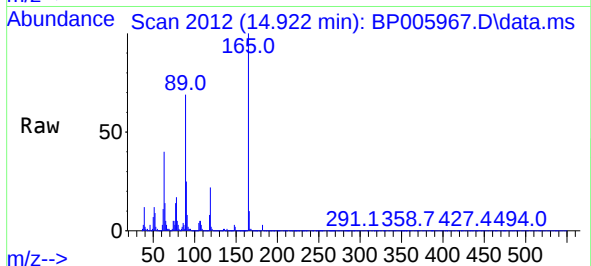
Tgt Ion:139 Resp: 244495  
Ion Ratio Lower Upper  
139 100  
109 83.2 72.3 112.3  
65 88.8 72.5 112.5





#57  
2,4-Dinitrotoluene  
Concen: 47.363 ng  
RT: 14.922 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

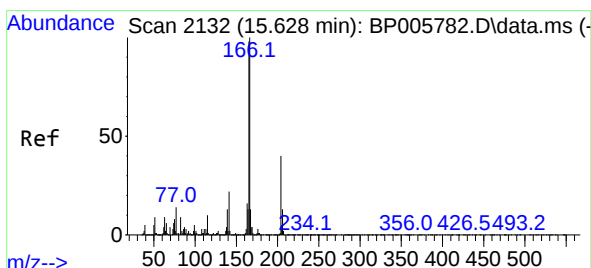
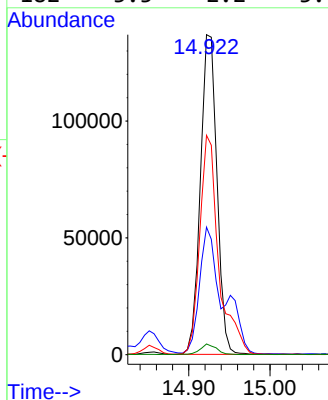
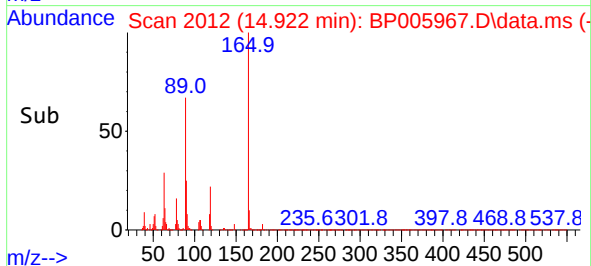
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



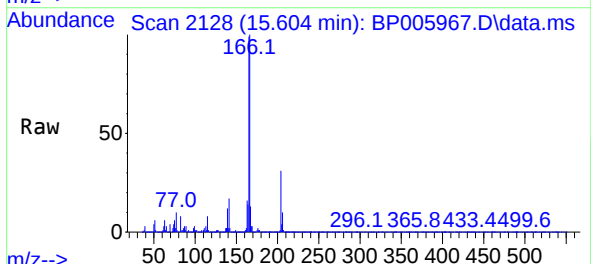
Tgt Ion:165 Resp: 193751  
Ion Ratio Lower Upper  
165 100  
63 39.8 32.3 48.5  
89 68.5 55.9 83.9  
182 3.3 2.2 3.4

Manual Integrations  
APPROVED

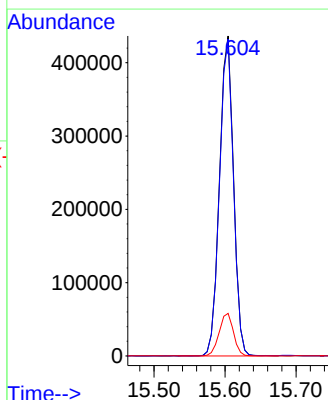
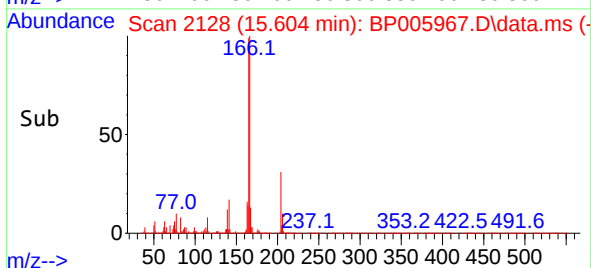
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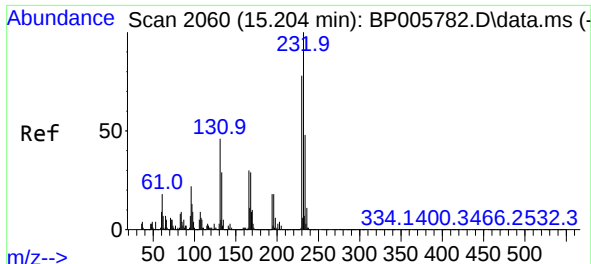


#58  
Fluorene  
Concen: 46.401 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



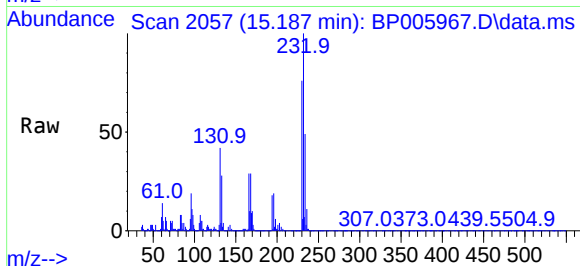
Tgt Ion:166 Resp: 596898  
Ion Ratio Lower Upper  
166 100  
165 99.1 78.0 117.0  
167 13.3 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.809 ng m  
RT: 15.187 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

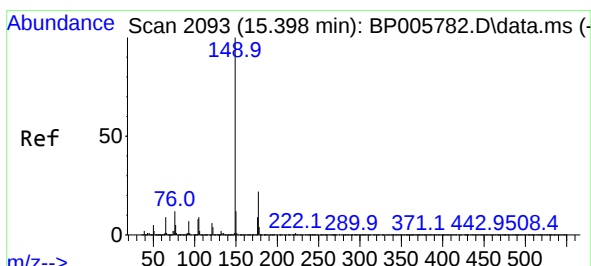
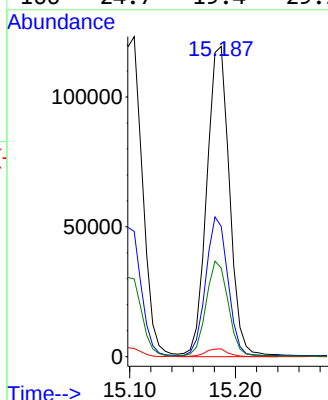
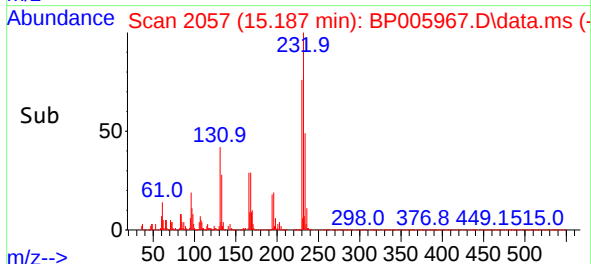
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



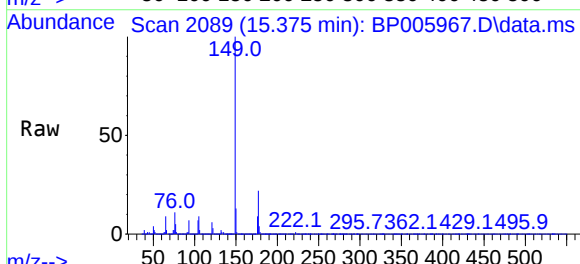
Tgt Ion:232 Resp: 179311  
Ion Ratio Lower Upper  
232 100  
131 39.8 32.2 48.4  
130 2.6 2.0 3.0  
166 24.7 19.4 29.2

Manual Integrations  
APPROVED

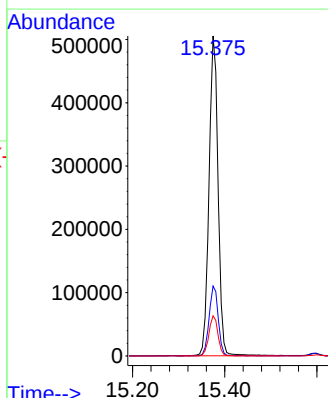
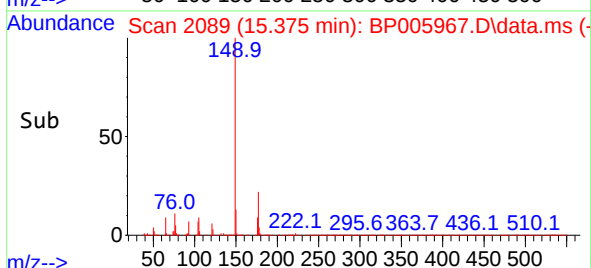
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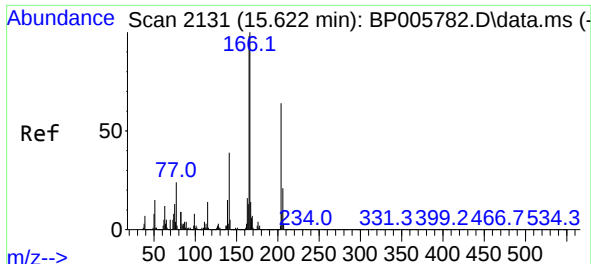


#60  
Diethylphthalate  
Concen: 51.179 ng  
RT: 15.375 min Scan# 2089  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



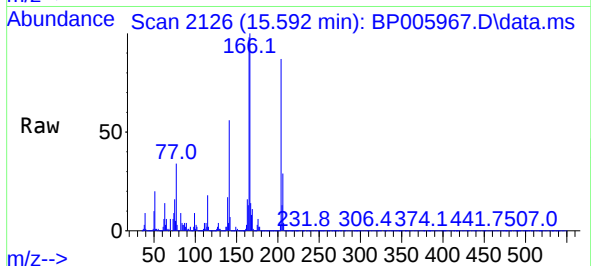
Tgt Ion:149 Resp: 690972  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.5 26.3  
150 12.6 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 45.830 ng  
RT: 15.592 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

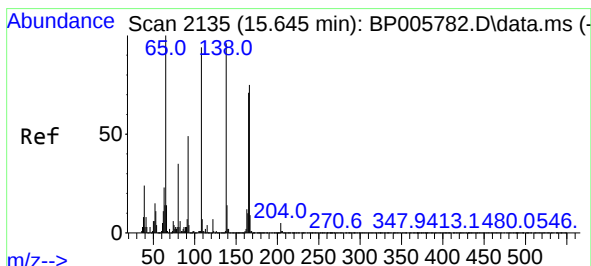
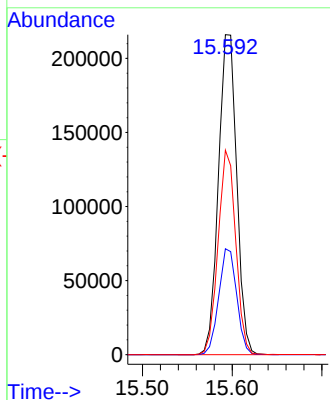
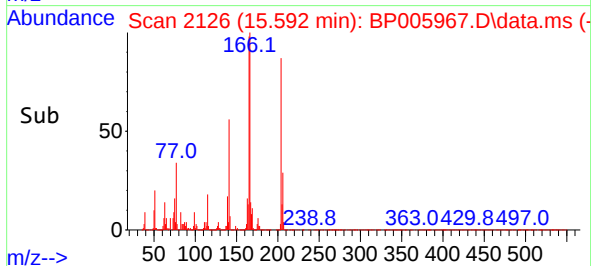
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



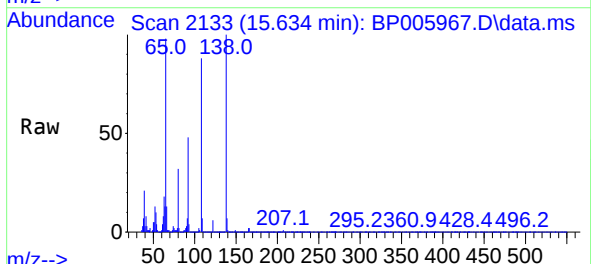
Tgt Ion:204 Resp: 305713  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.6 40.0  
141 63.9 48.6 73.0

Manual Integrations  
APPROVED

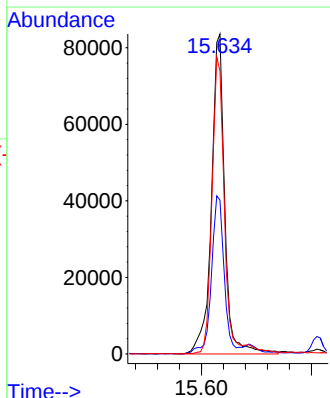
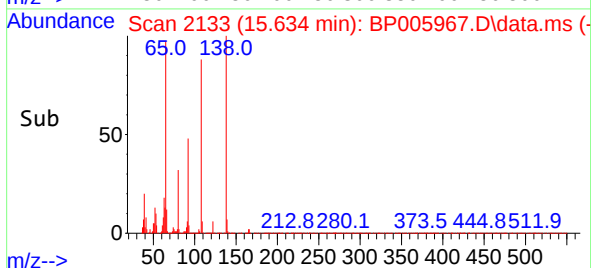
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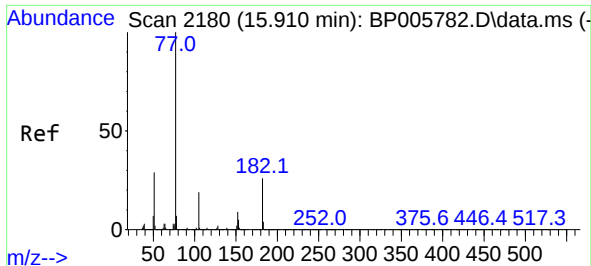


#62  
4-Nitroaniline  
Concen: 46.208 ng  
RT: 15.634 min Scan# 2133  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



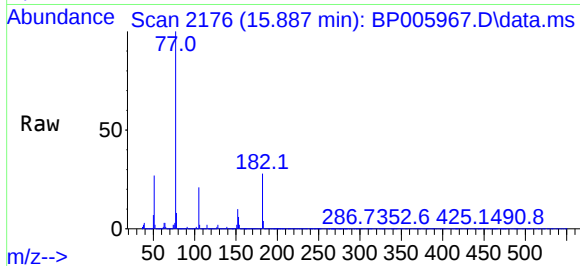
Tgt Ion:138 Resp: 140990  
Ion Ratio Lower Upper  
138 100  
92 48.1 31.2 71.2  
108 88.4 78.6 118.6





#63  
Azobenzene  
Concen: 44.630 ng  
RT: 15.887 min Scan# 2176  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

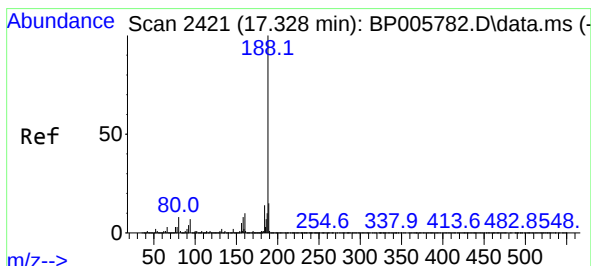
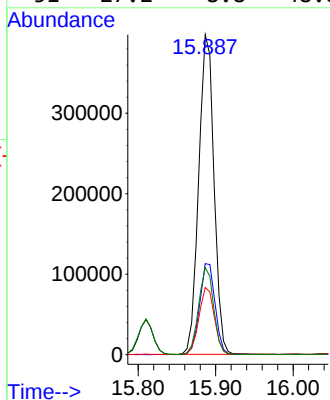
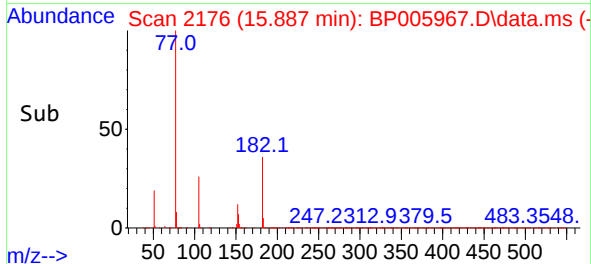
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



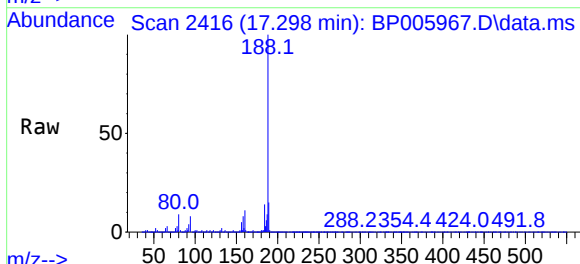
Tgt Ion: 77 Resp: 545141  
Ion Ratio Lower Upper  
77 100  
182 28.5 6.0 46.0  
105 21.0 0.0 38.8  
51 27.2 8.8 48.8

Manual Integrations  
APPROVED

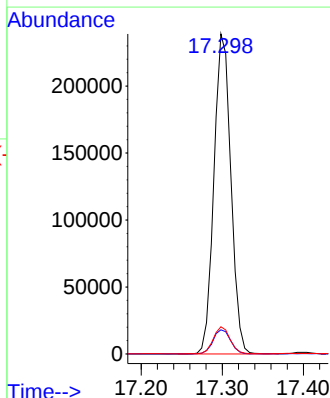
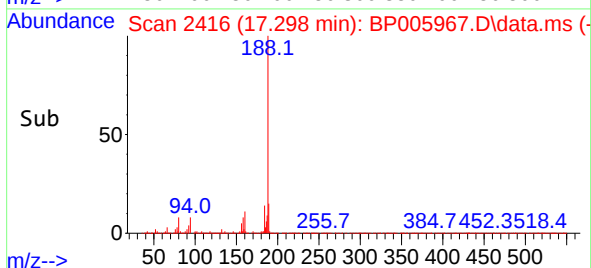
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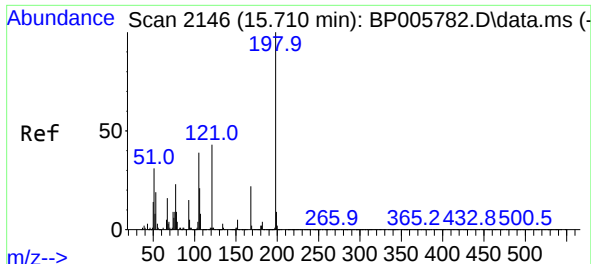


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

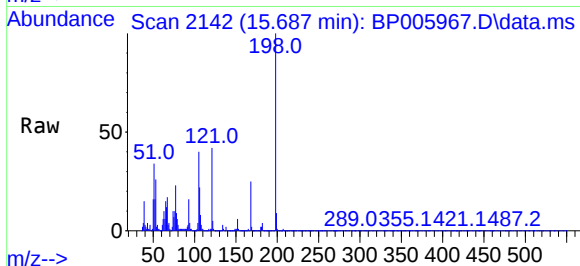


Tgt Ion: 188 Resp: 346435  
Ion Ratio Lower Upper  
188 100  
94 7.6 5.6 8.4  
80 8.5 6.3 9.5





#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.269 ng  
RT: 15.687 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

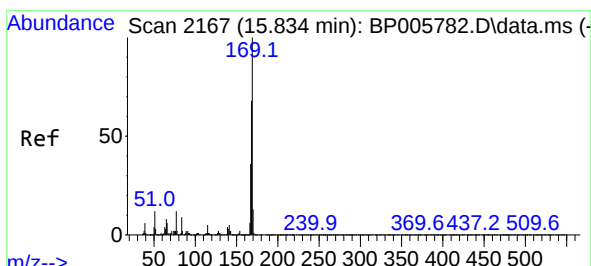
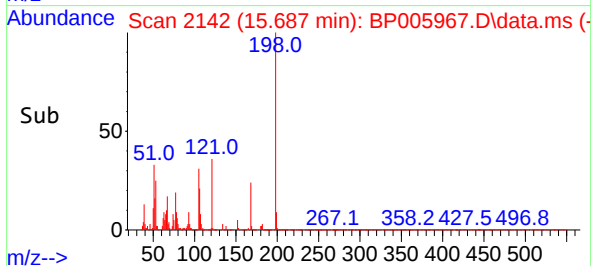
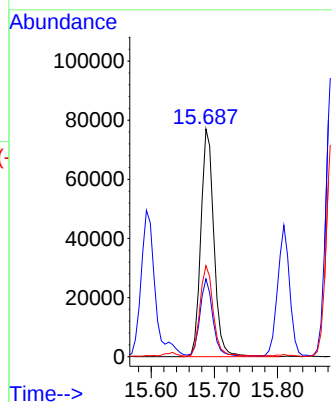


Tgt Ion:198 Resp: 110156  
Ion Ratio Lower Upper  
198 100  
51 34.2 14.0 54.0  
105 40.0 19.5 59.5

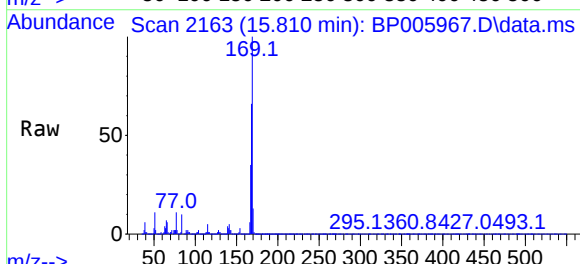
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS

Manual Integrations  
APPROVED

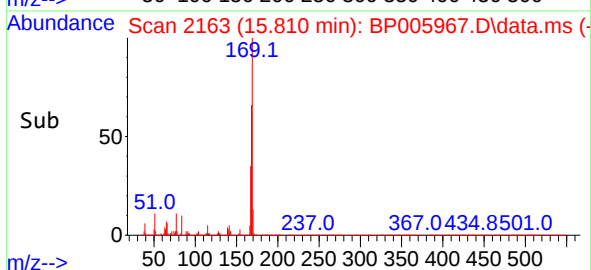
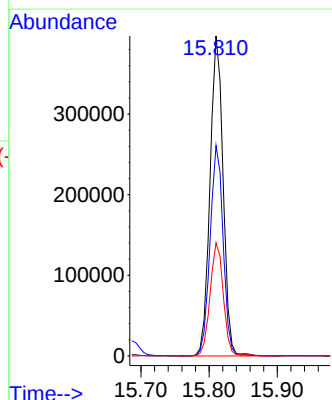
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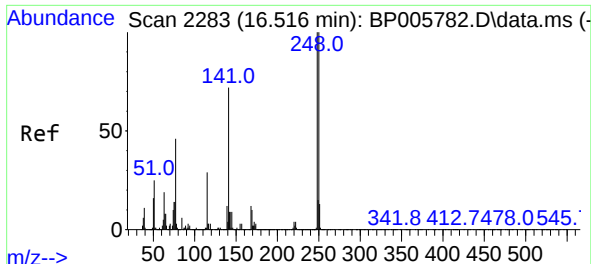


#66  
n-Nitrosodiphenylamine  
Concen: 45.940 ng  
RT: 15.810 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



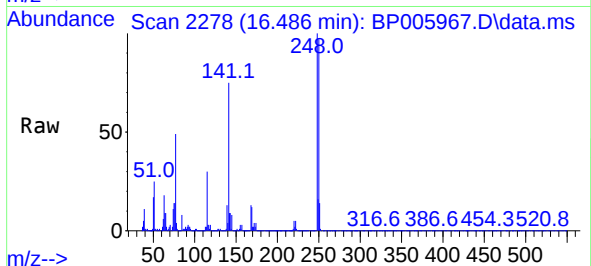
Tgt Ion:169 Resp: 527776  
Ion Ratio Lower Upper  
169 100  
168 65.8 54.4 81.6  
167 35.3 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 46.551 ng  
RT: 16.486 min Scan# 2278  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

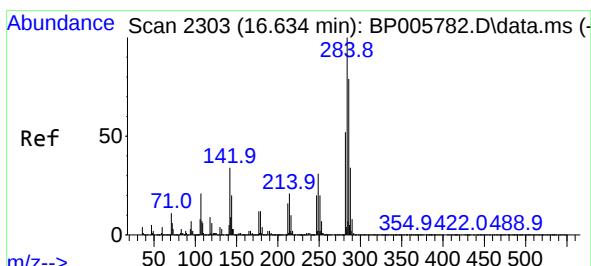
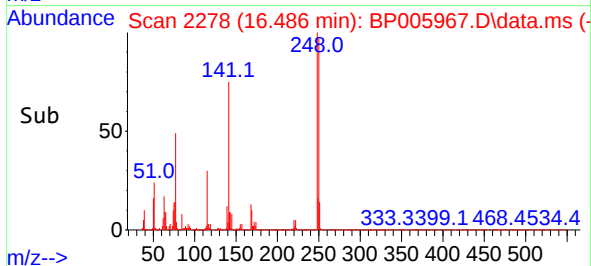
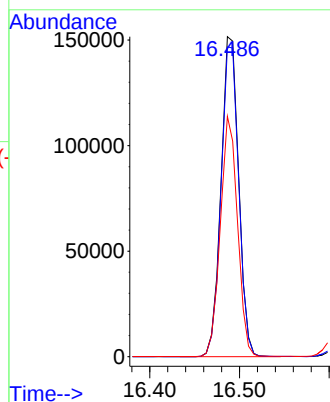
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



Tgt Ion:248 Resp: 206993  
Ion Ratio Lower Upper  
248 100  
250 96.8 79.8 119.8  
141 75.1 57.8 86.6

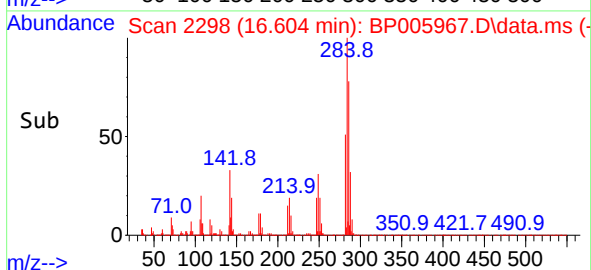
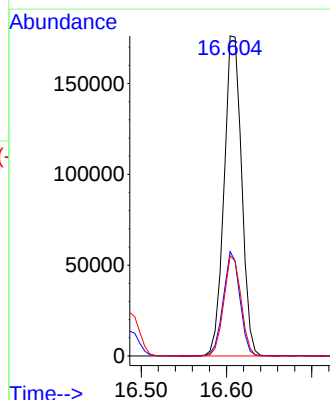
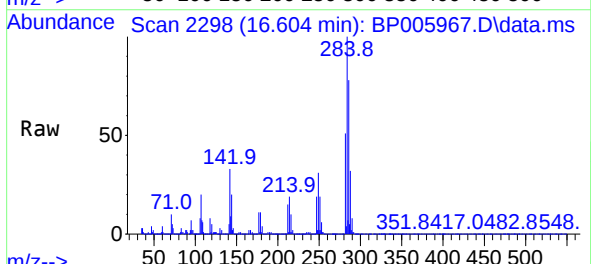
Manual Integrations  
APPROVED

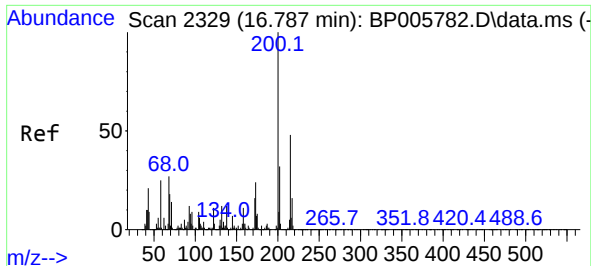
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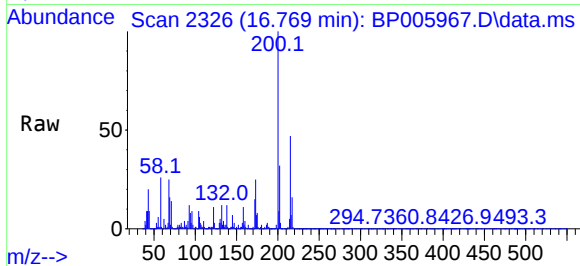
#68  
Hexachlorobenzene  
Concen: 47.204 ng  
RT: 16.604 min Scan# 2298  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Tgt Ion:284 Resp: 251587  
Ion Ratio Lower Upper  
284 100  
142 32.6 26.9 40.3  
249 31.3 24.5 36.7

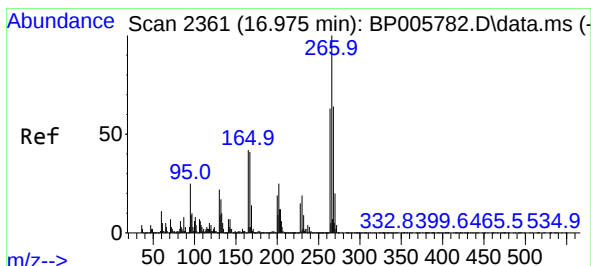
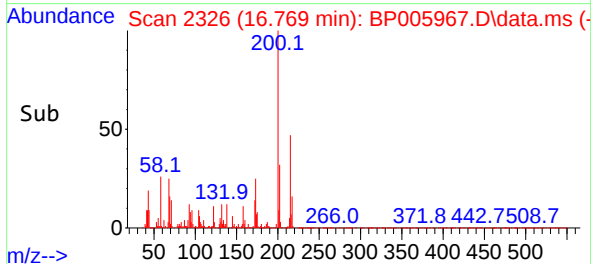
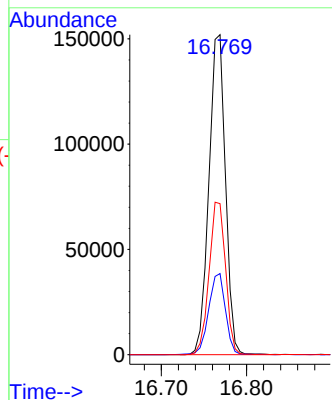




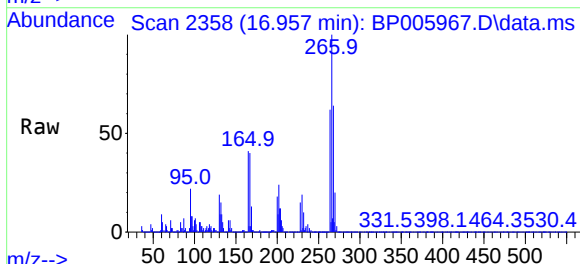
#69  
Atrazine  
Concen: 57.313 ng  
RT: 16.769 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



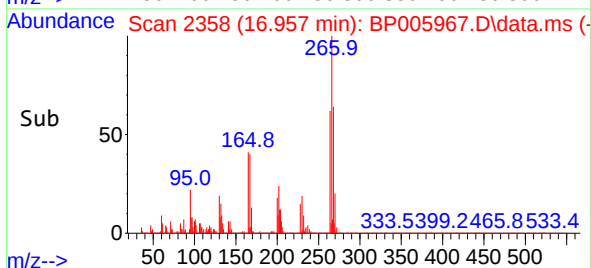
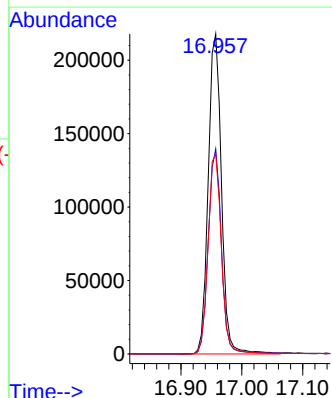
Tgt Ion:200 Resp: 204853  
Ion Ratio Lower Upper  
200 100  
173 25.3 4.1 44.1  
215 47.2 27.7 67.7



#70  
Pentachlorophenol  
Concen: 110.893 ng  
RT: 16.957 min Scan# 2358  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



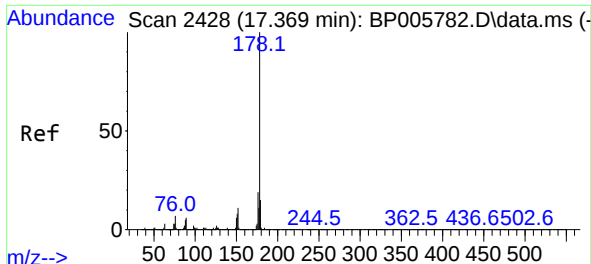
Tgt Ion:266 Resp: 328636  
Ion Ratio Lower Upper  
266 100  
268 64.1 51.6 77.4  
264 62.5 50.3 75.5



Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

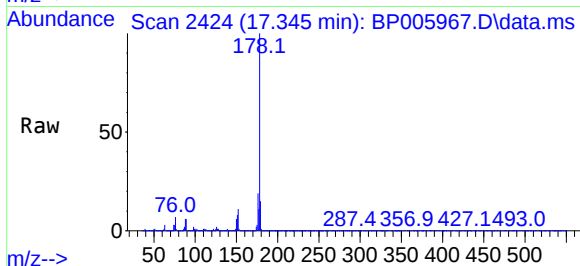
Manual Integrations  
APPROVED

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#71  
Phenanthrene  
Concen: 46.790 ng  
RT: 17.345 min Scan# 2424  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

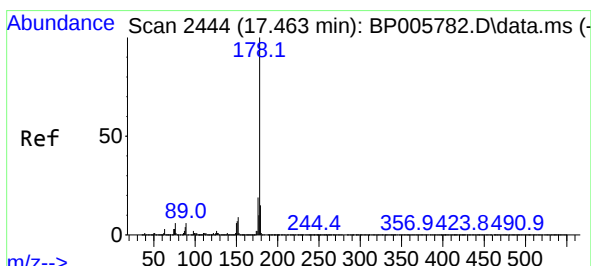
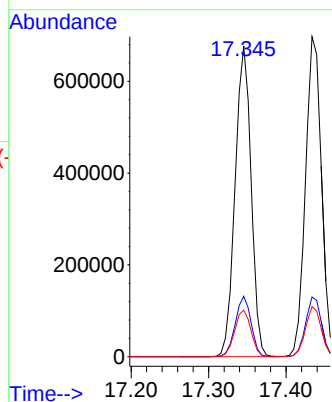
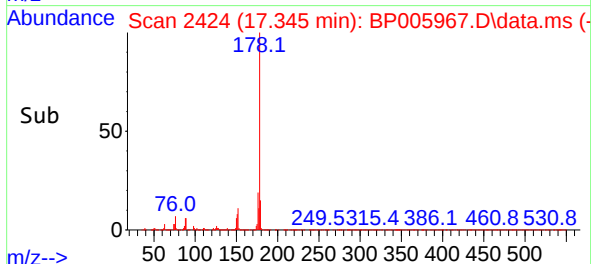
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



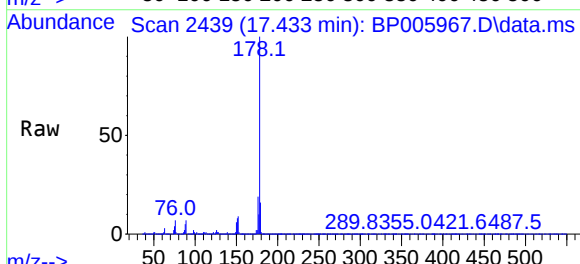
Tgt Ion:178 Resp: 973466  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.1 22.7  
179 15.0 12.4 18.6

Manual Integrations  
APPROVED

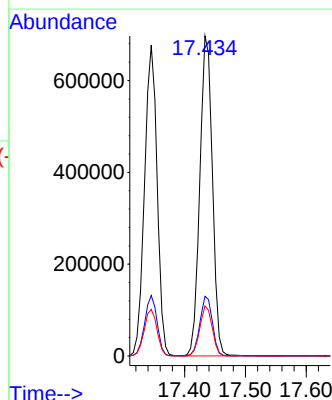
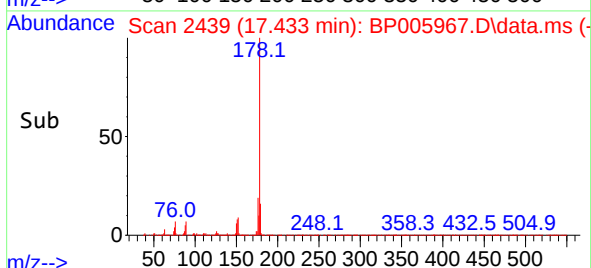
mohammad  
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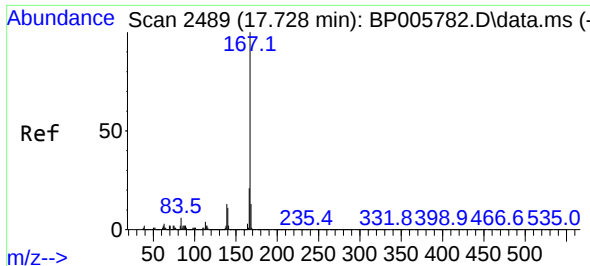


#72  
Anthracene  
Concen: 48.891 ng  
RT: 17.433 min Scan# 2439  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



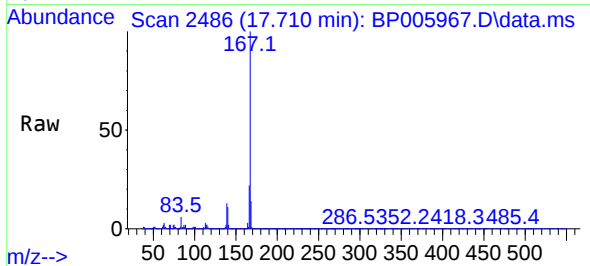
Tgt Ion:178 Resp: 1001085  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.6 12.2 18.2





#73  
Carbazole  
Concen: 46.822 ng  
RT: 17.710 min Scan# 2486  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

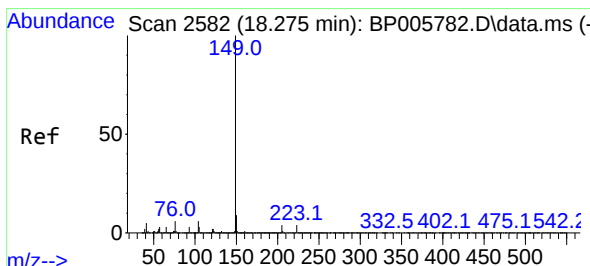
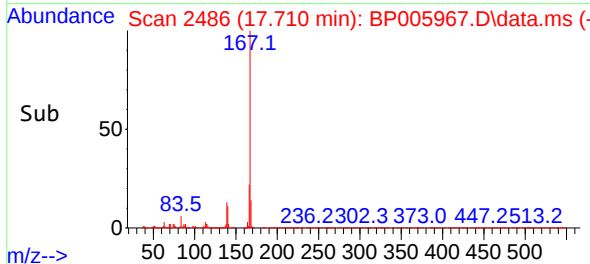
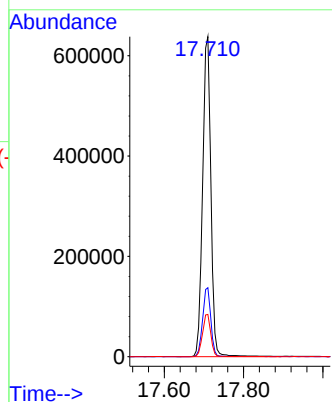
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



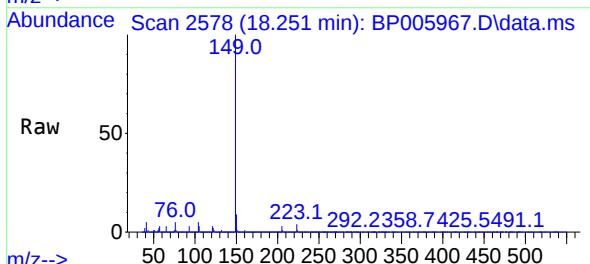
Tgt Ion:167 Resp: 920458  
Ion Ratio Lower Upper  
167 100  
166 21.6 17.1 25.7  
139 13.2 10.7 16.1

Manual Integrations  
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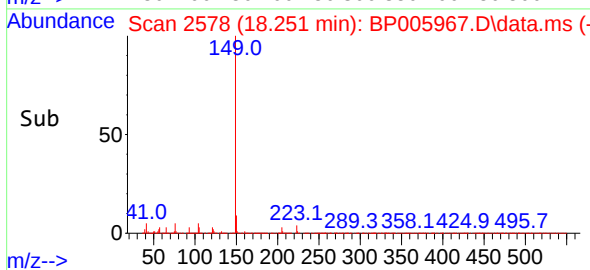
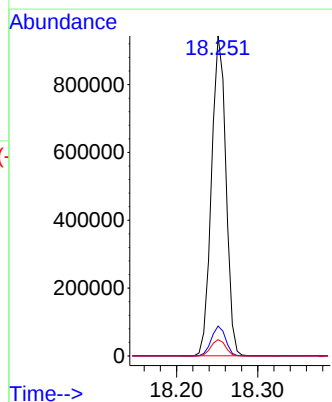
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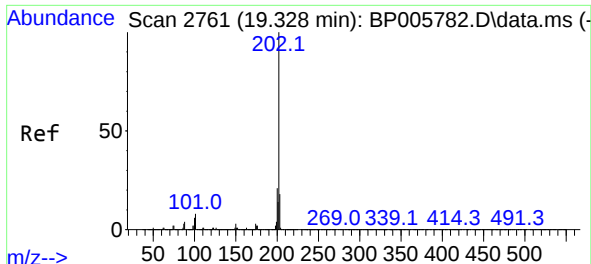


#74  
Di-n-butylphthalate  
Concen: 51.055 ng  
RT: 18.251 min Scan# 2578  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



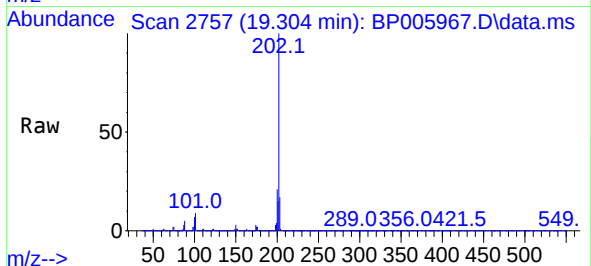
Tgt Ion:149 Resp: 1162865  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.3 10.9  
104 5.1 4.5 6.7





#75  
Fluoranthene  
Concen: 50.181 ng  
RT: 19.304 min Scan# 2757  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

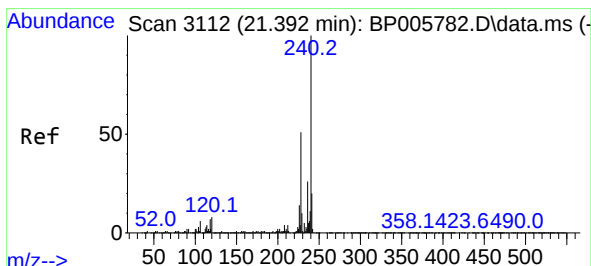
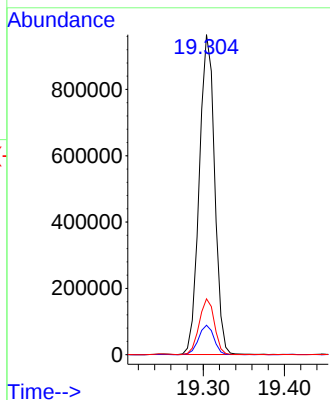
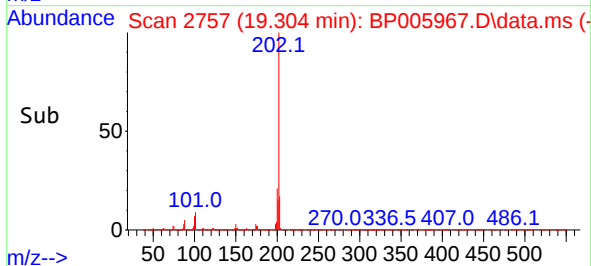
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



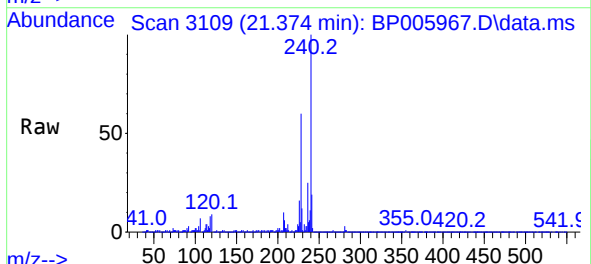
Tgt Ion:202 Resp: 1267868  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 27.6  
203 17.5 0.0 37.8

Manual Integrations  
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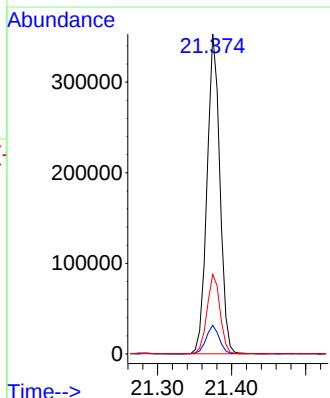
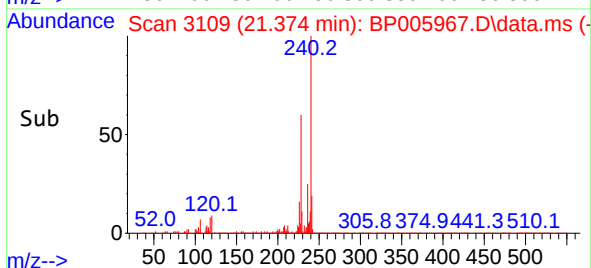
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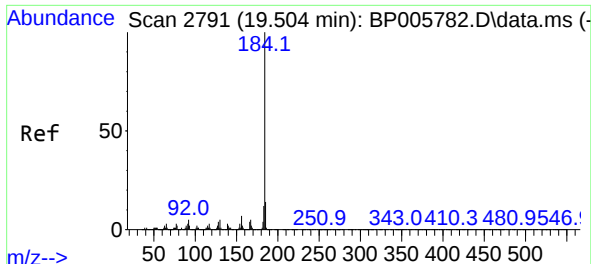


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.374 min Scan# 3109  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



Tgt Ion:240 Resp: 424820  
Ion Ratio Lower Upper  
240 100  
120 8.9 6.5 9.7  
236 24.9 20.6 31.0





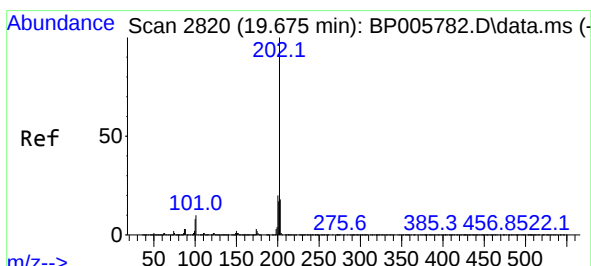
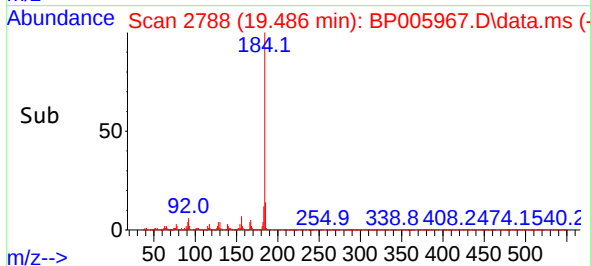
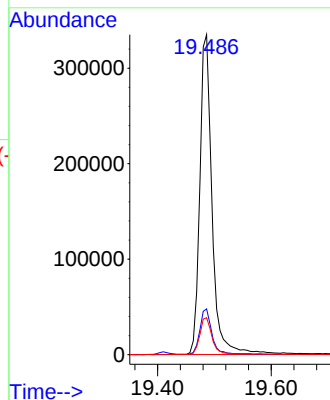
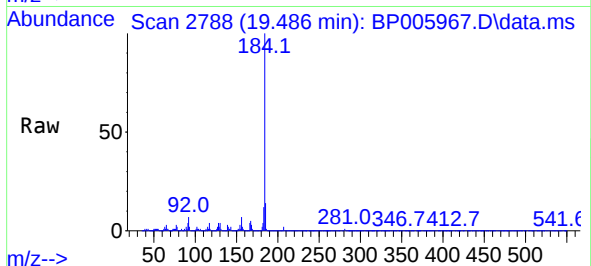
#77  
Benzidine  
Concen: 56.957 ng  
RT: 19.486 min Scan# 2788  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS

Tgt Ion:184 Resp: 503480  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.0 16.4  
183 11.6 9.5 14.3

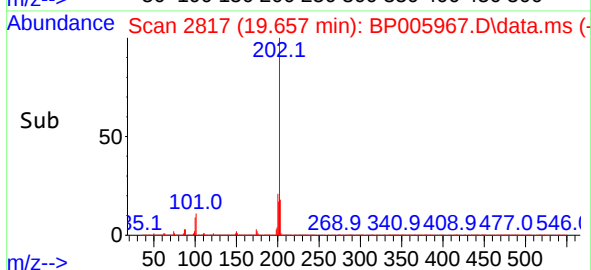
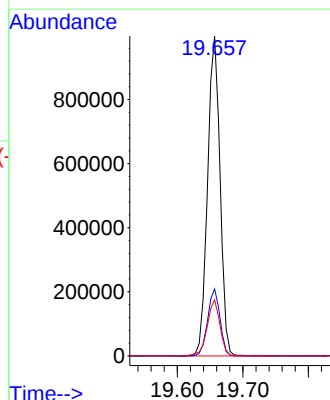
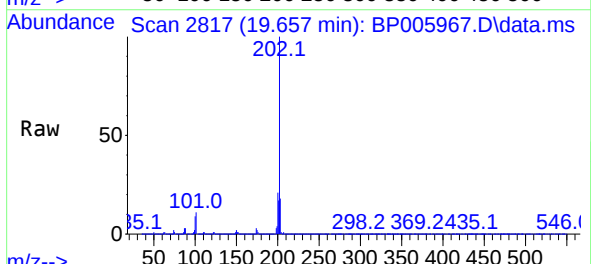
Manual Integrations  
APPROVED

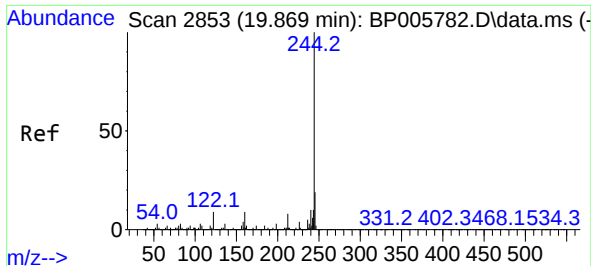
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#78  
Pyrene  
Concen: 44.563 ng  
RT: 19.657 min Scan# 2817  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

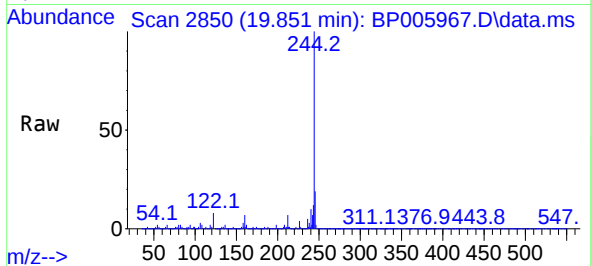
Tgt Ion:202 Resp: 1321622  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.3 24.5  
203 17.6 14.2 21.2





#79  
Terphenyl-d14  
Concen: 57.393 ng  
RT: 19.851 min Scan# 2850  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

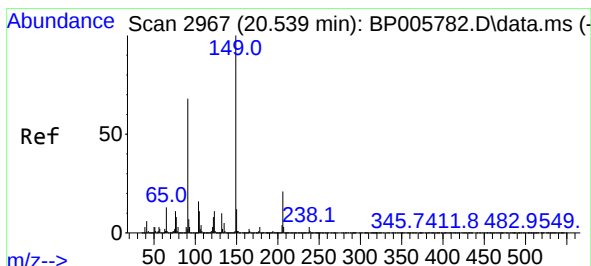
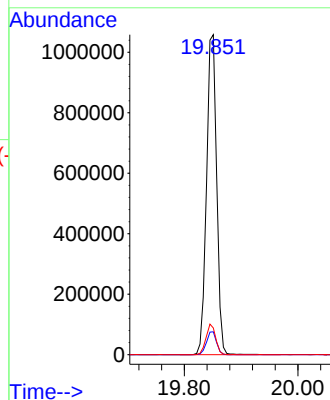
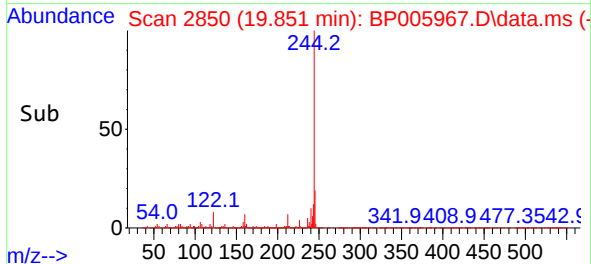
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



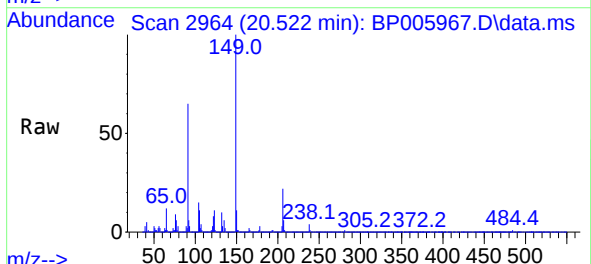
Tgt Ion:244 Resp: 1302102  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.0 9.0  
122 8.4 7.1 10.7

Manual Integrations  
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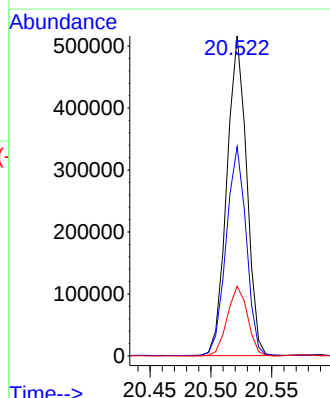
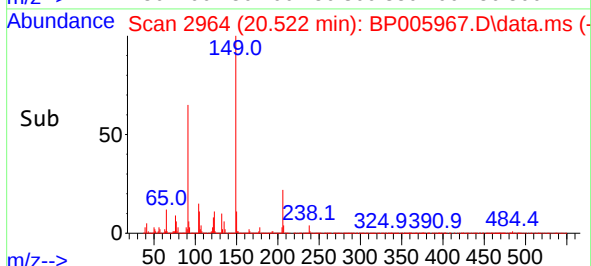
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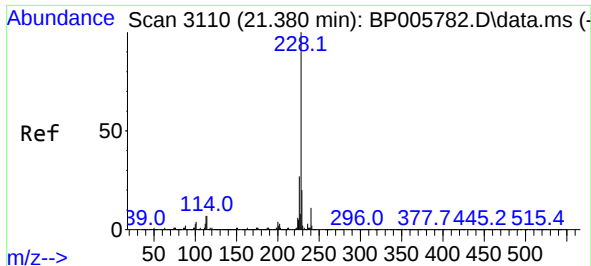


#80  
Butylbenzylphthalate  
Concen: 47.886 ng  
RT: 20.522 min Scan# 2964  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



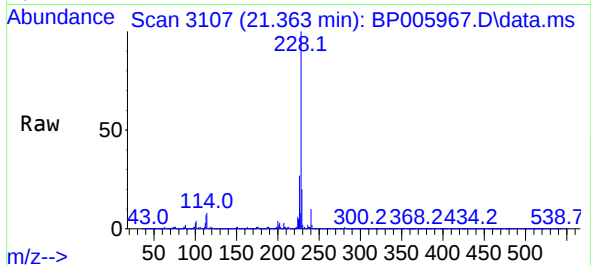
Tgt Ion:149 Resp: 584277  
Ion Ratio Lower Upper  
149 100  
91 65.4 54.6 81.8  
206 21.8 16.7 25.1





#81  
Benzo(a)anthracene  
Concen: 45.492 ng  
RT: 21.363 min Scan# 3107  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

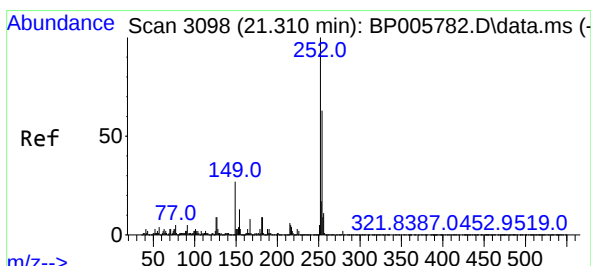
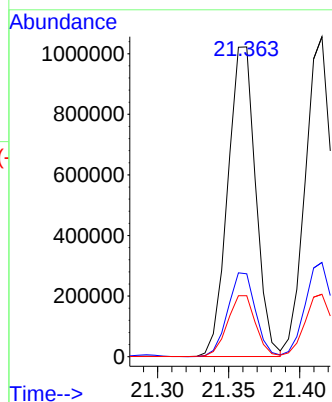
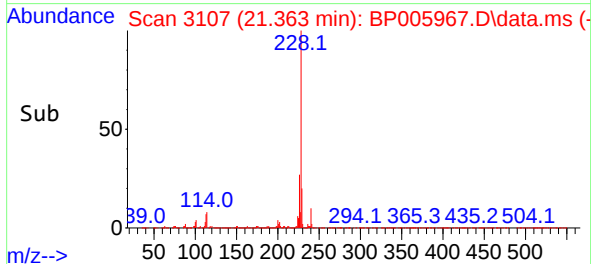
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



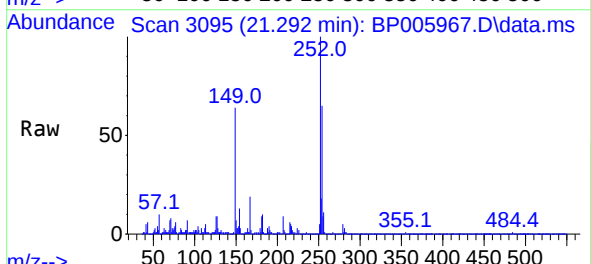
Tgt Ion:228 Resp: 1395049  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.6 32.4  
229 19.7 15.8 23.6

Manual Integrations  
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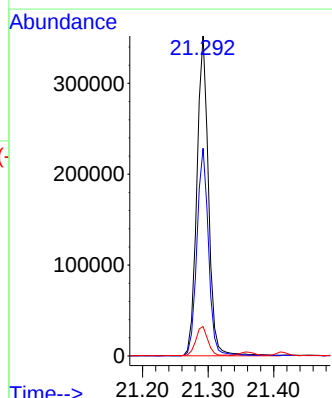
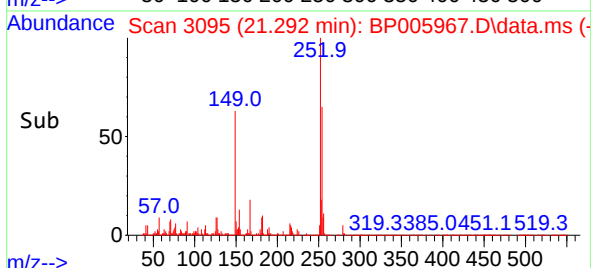
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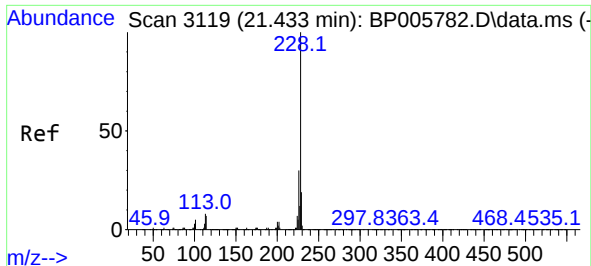


#82  
3,3'-Dichlorobenzidine  
Concen: 40.958 ng  
RT: 21.292 min Scan# 3095  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



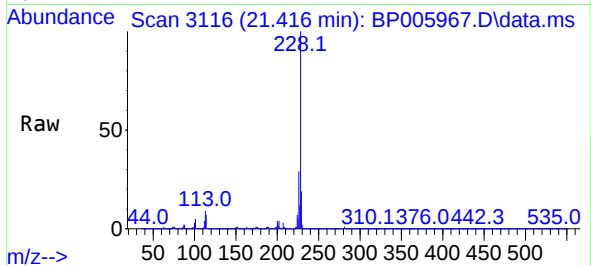
Tgt Ion:252 Resp: 434241  
Ion Ratio Lower Upper  
252 100  
254 64.9 50.6 76.0  
126 9.2 7.0 10.6





#83  
Chrysene  
Concen: 45.983 ng  
RT: 21.416 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

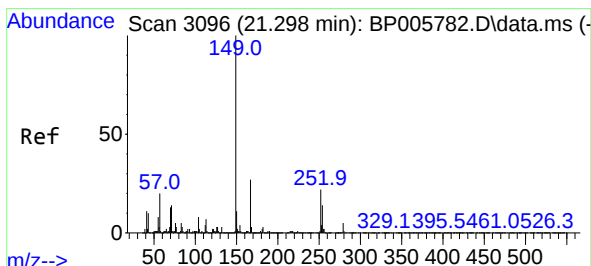
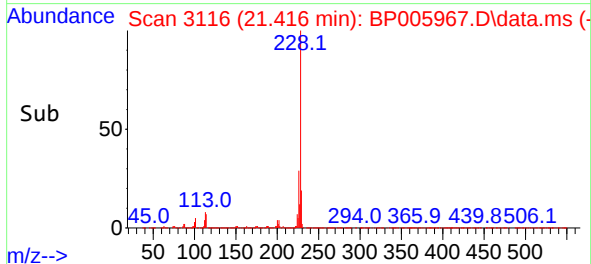
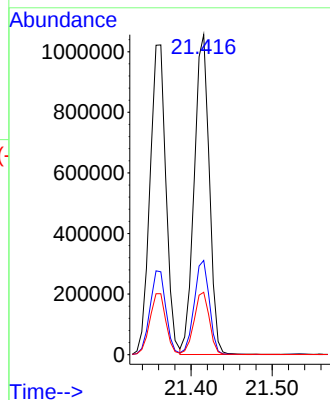
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



Tgt Ion:228 Resp: 1365783  
Ion Ratio Lower Upper  
228 100  
226 29.5 23.8 35.6  
229 19.5 15.4 23.2

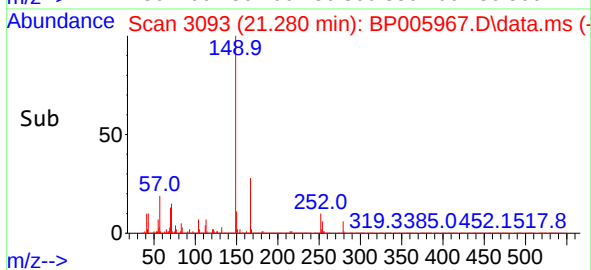
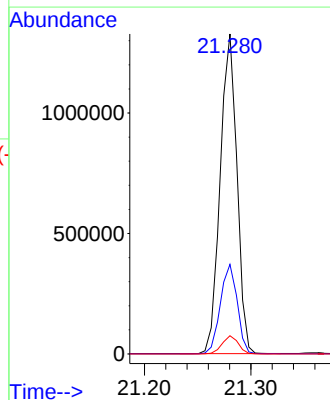
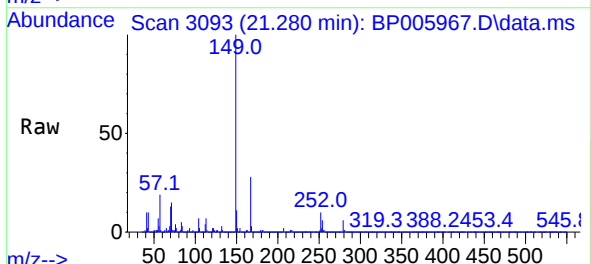
Manual Integrations  
APPROVED

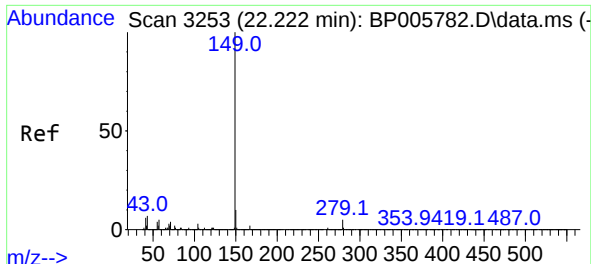
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 80.819 ng  
RT: 21.280 min Scan# 3093  
Delta R.T. 0.000 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

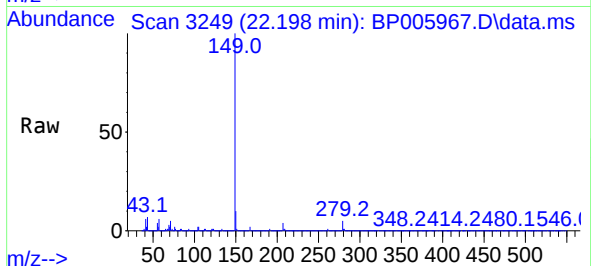
Tgt Ion:149 Resp: 1446218  
Ion Ratio Lower Upper  
149 100  
167 28.0 21.9 32.9  
279 5.7 4.3 6.5





#85  
Di-n-octyl phthalate  
Concen: 49.855 ng  
RT: 22.198 min Scan# 3249  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

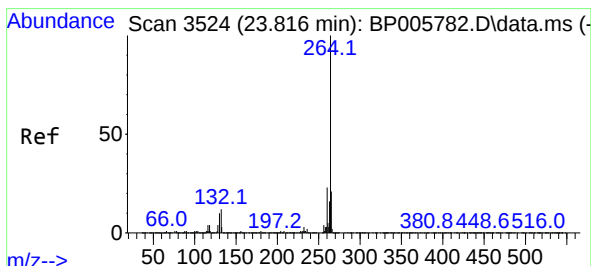
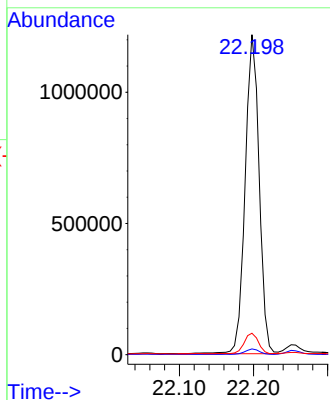
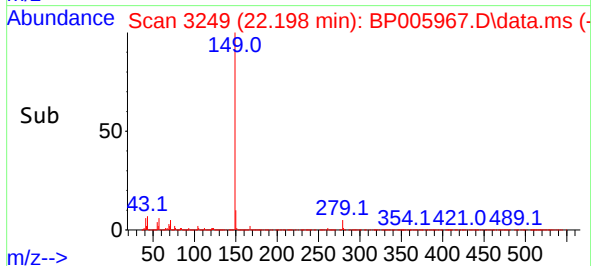
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



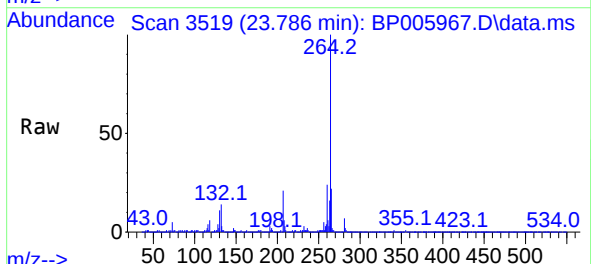
Tgt Ion:149 Resp: 1595956  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 6.5 5.6 8.4

Manual Integrations  
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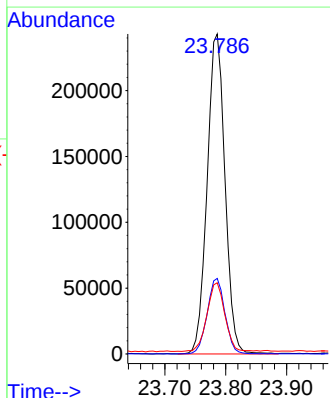
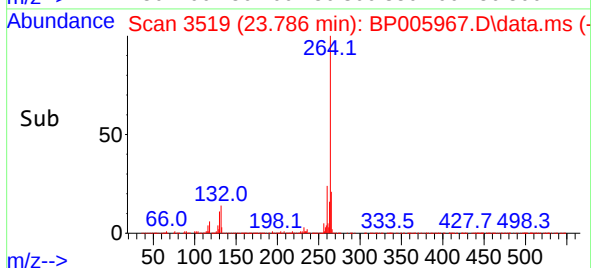
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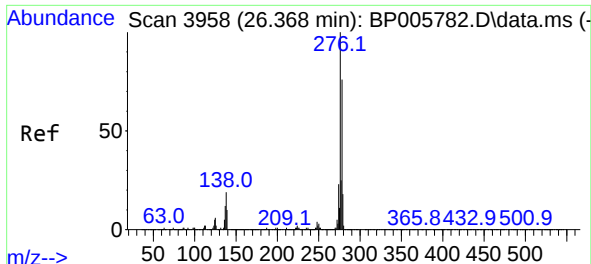


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.786 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



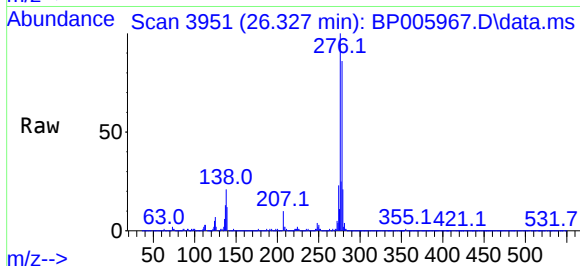
Tgt Ion:264 Resp: 495023  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.6 28.0  
265 22.3 17.6 26.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.215 ng  
RT: 26.327 min Scan# 3951  
Delta R.T. -0.012 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

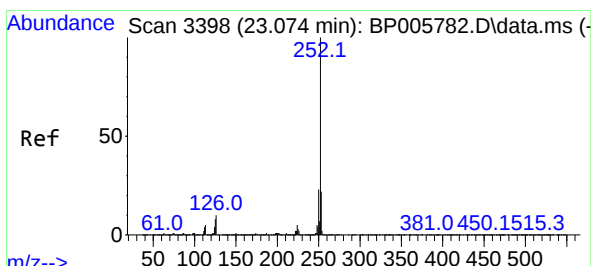
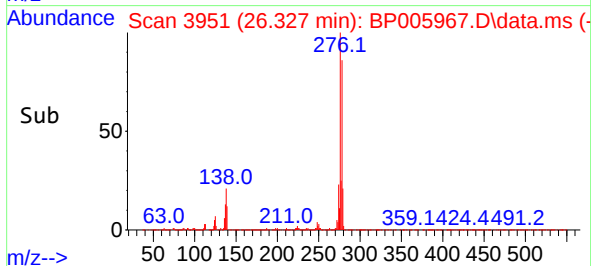
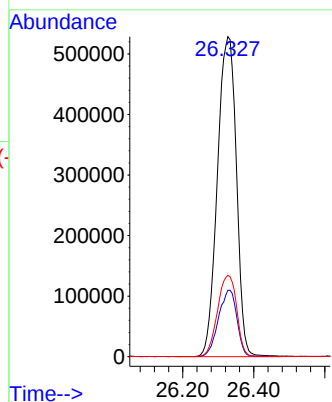
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



Tgt Ion:276 Resp: 1956363  
Ion Ratio Lower Upper  
276 100  
138 20.1 15.3 22.9  
277 25.5 20.4 30.6

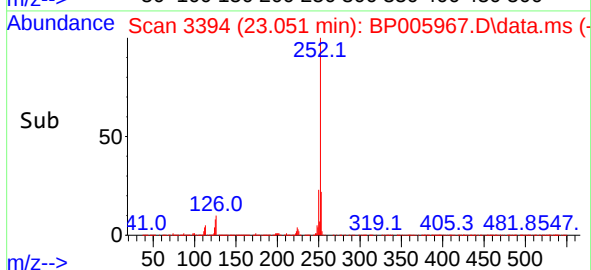
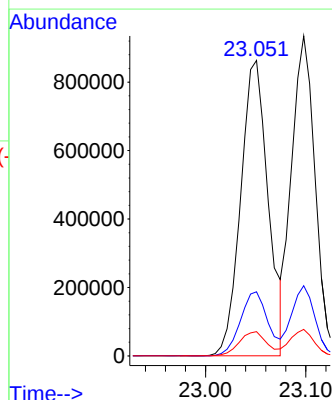
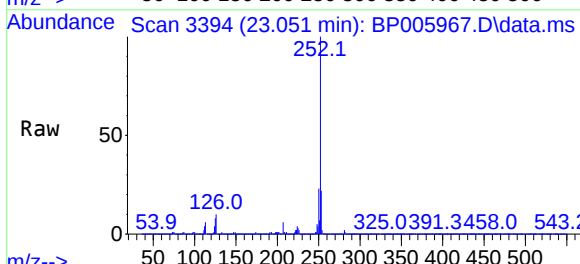
Manual Integrations  
APPROVED

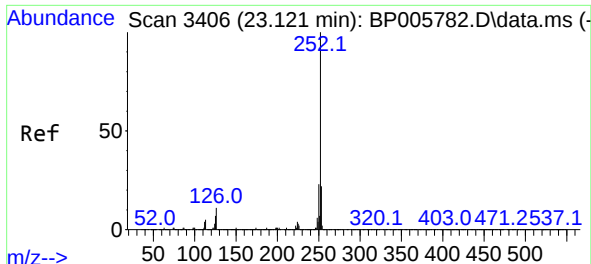
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#88  
Benzo(b)fluoranthene  
Concen: 48.521 ng  
RT: 23.051 min Scan# 3394  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

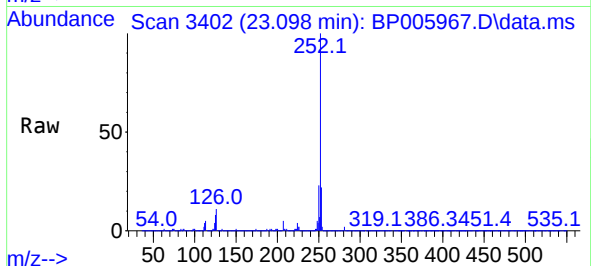
Tgt Ion:252 Resp: 1645080  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 8.2 6.2 9.4





#89  
Benzo(k)fluoranthene  
Concen: 46.151 ng  
RT: 23.098 min Scan# 3402  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

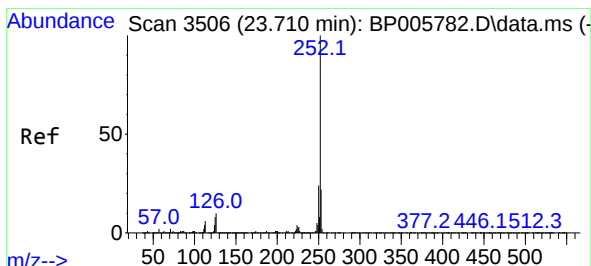
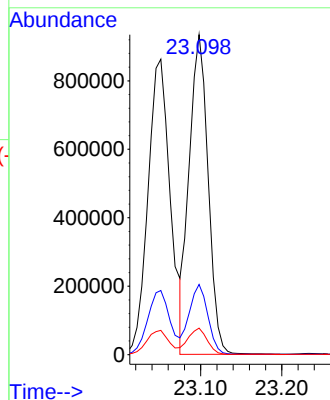
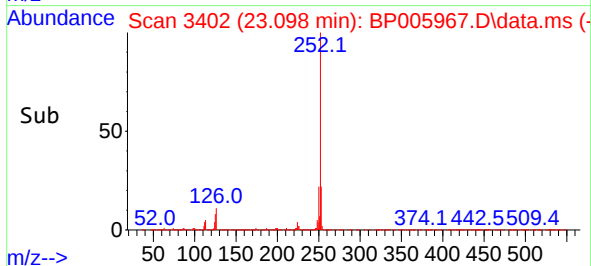
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-214MS



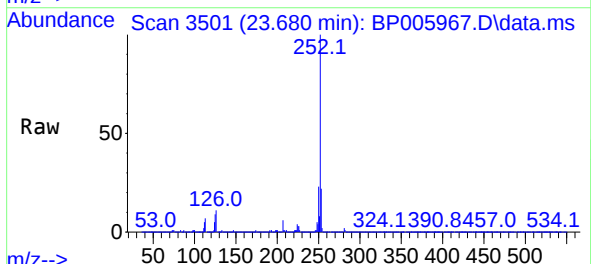
Tgt Ion:252 Resp: 1517314  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 8.3 6.0 9.0

Manual Integrations  
APPROVED

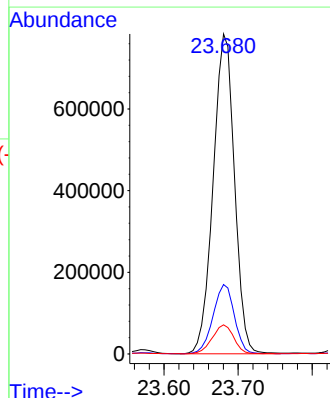
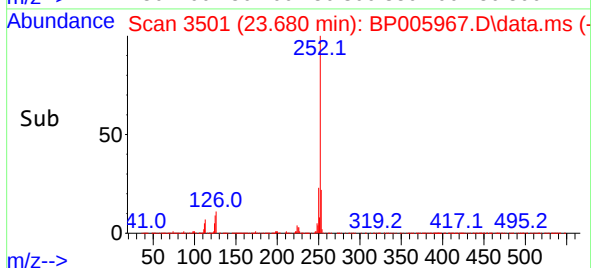
mohammad  
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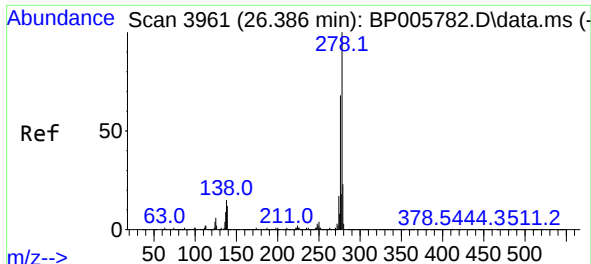


#90  
Benzo(a)pyrene  
Concen: 49.078 ng  
RT: 23.680 min Scan# 3501  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



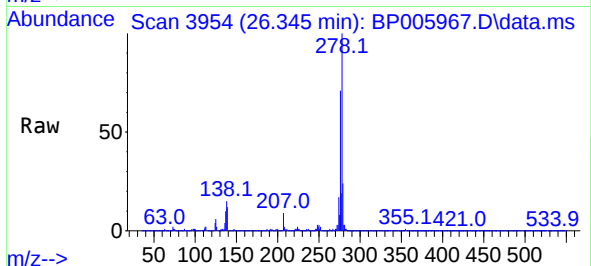
Tgt Ion:252 Resp: 1564383  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 9.1 6.5 9.7





#91  
Dibenzo(a,h)anthracene  
Concen: 45.596 ng  
RT: 26.345 min Scan# 3954  
Delta R.T. -0.006 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06

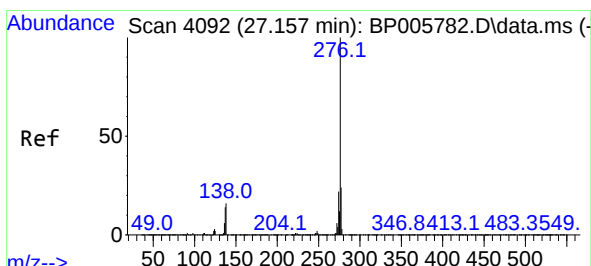
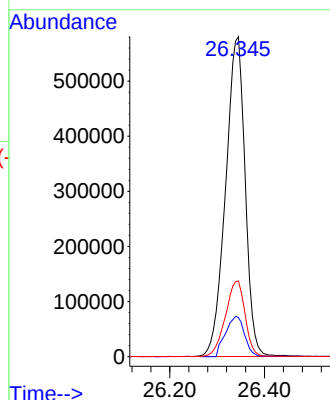
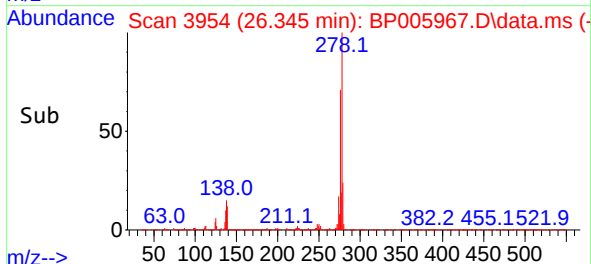
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-214MS



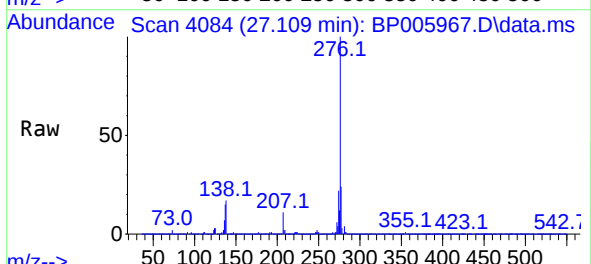
Tgt Ion:278 Resp: 1661302  
Ion Ratio Lower Upper  
278 100  
139 12.2 9.3 13.9  
279 23.7 18.8 28.2

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 45.872 ng  
RT: 27.109 min Scan# 4084  
Delta R.T. -0.012 min  
Lab File: BP005967.D  
Acq: 17 Jun 2021 16:06



Tgt Ion:276 Resp: 1651058  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.9 28.3  
138 17.0 12.6 18.8

