

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060721\  
 Data File : BP005759.D  
 Acq On : 08 Jun 2021 02:28  
 Operator : CG/JU  
 Sample : PB136884BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136884BS

Manual Integrations  
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6/8/2021 3:37:29 PM

Quant Time: Jun 08 03:23:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 07 12:13:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 132635   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.775 | 136  | 506425   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.592 | 164  | 308888   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.333 | 188  | 650065   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.404 | 240  | 612548   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12              | 23.827 | 264  | 588065   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 1075871  | 126.112 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.140  | 99   | 1280628  | 110.115 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.140  | 82   | 814421   | 89.437  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.080 | 330  | 651681   | 164.530 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.222 | 172  | 1904382  | 81.593  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.874 | 244  | 2839145  | 86.973  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.399  | 88   | 117725   | 30.151  | ng    | 93       |
| 3) Pyridine                   | 3.810  | 79   | 294835   | 30.504  | ng    | # 96     |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 171724   | 39.892  | ng    | # 24     |
| 6) Aniline                    | 7.298  | 93   | 447312   | 32.902  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.534  | 128  | 413019   | 43.237  | ng    | 97       |
| 9) Benzaldehyde               | 7.104  | 77   | 239649   | 47.594  | ng    | 93       |
| 10) Phenol                    | 7.169  | 94   | 472759   | 39.814  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.393  | 93   | 346352   | 37.779  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.857  | 146  | 439518   | 40.535  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.004  | 146  | 452974   | 41.221  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.322  | 146  | 434667   | 41.359  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.216  | 79   | 363091   | 43.524  | ng    | # 81     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.504  | 45   | 318767   | 30.374  | ng    | 91       |
| 17) 2-Methylphenol            | 8.416  | 107  | 325912   | 42.163  | ng    | 96       |
| 18) Hexachloroethane          | 9.051  | 117  | 166806   | 42.775  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.787  | 70   | 269560   | 36.439  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.745  | 107  | 437966   | 42.529  | ng    | 95       |
| 22) Acetophenone              | 8.798  | 105  | 565384   | 41.854  | ng    | # 99     |
| 24) Nitrobenzene              | 9.181  | 77   | 422981   | 41.818  | ng    | # 90     |
| 25) Isophorone                | 9.710  | 82   | 722606   | 35.743  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.887  | 139  | 214756   | 54.879  | ng    | # 81     |
| 27) 2,4-Dimethylphenol        | 9.951  | 122  | 362389   | 46.700  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.187 | 93   | 436744   | 40.140  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.428 | 162  | 390775   | 46.822  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.639 | 180  | 419030   | 42.389  | ng    | 98       |
| 31) Naphthalene               | 10.828 | 128  | 1169571  | 38.782  | ng    | 98       |
| 32) Benzoic acid              | 10.110 | 122  | 142618   | 34.875  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.934 | 127  | 205586   | 16.372  | ng    | # 90     |
| 34) Hexachlorobutadiene       | 11.110 | 225  | 278445   | 45.098  | ng    | 99       |
| 35) Caprolactam               | 11.739 | 113  | 117535m  | 51.425  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.063 | 107  | 393419   | 44.783  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.434 | 142  | 848824   | 39.722  | ng    | # 89     |
| 38) 1-Methylnaphthalene       | 12.651 | 142  | 781831   | 38.563  | ng    | # 96     |
| 40) 1,2,4,5-Tetrachloroben... | 12.798 | 216  | 480212   | 46.604  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.775 | 237  | 549381   | 95.769  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.039 | 196  | 321603   | 51.459  | ng    | 94       |

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Instrument :  
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Manual Integrations  
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6/8/2021 3:37:29 PM

Quant Time: Jun 08 03:23:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 07 12:13:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.110 | 196  | 356078   | 52.687 | ng    | # 93     |
| 46) 1,1'-Biphenyl             | 13.433 | 154  | 1095224  | 43.667 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.475 | 162  | 845035   | 41.449 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.681 | 65   | 243989   | 50.189 | ng    | # 73     |
| 49) Acenaphthylene            | 14.316 | 152  | 1327155  | 41.763 | ng    | 100      |
| 50) Dimethylphthalate         | 14.057 | 163  | 1071330  | 43.605 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.175 | 165  | 239015   | 44.463 | ng    | # 65     |
| 52) Acenaphthene              | 14.657 | 154  | 773636   | 37.451 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.498 | 138  | 131997   | 26.373 | ng    | 79       |
| 54) 2,4-Dinitrophenol         | 14.710 | 184  | 95500    | 45.526 | ng    | 94       |
| 55) Dibenzofuran              | 14.992 | 168  | 1245697  | 39.342 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.816 | 139  | 389475   | 84.751 | ng    | # 61     |
| 57) 2,4-Dinitrotoluene        | 14.957 | 165  | 324841   | 48.355 | ng    | # 66     |
| 58) Fluorene                  | 15.639 | 166  | 995124   | 39.309 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.216 | 232  | 296554m  | 50.716 | ng    |          |
| 60) Diethylphthalate          | 15.410 | 149  | 1072596  | 43.511 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.627 | 204  | 519331   | 41.033 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.663 | 138  | 242012   | 43.394 | ng    | # 54     |
| 63) Azobenzene                | 15.922 | 77   | 924540   | 35.815 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.722 | 198  | 93749    | 33.064 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.845 | 169  | 894618   | 40.388 | ng    | # 91     |
| 67) 4-Bromophenyl-phenylether | 16.522 | 248  | 352651   | 45.032 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.645 | 284  | 421834   | 45.239 | ng    | 95       |
| 69) Atrazine                  | 16.798 | 200  | 353489   | 55.841 | ng    | 97       |
| 70) Pentachlorophenol         | 16.986 | 266  | 457458   | 97.818 | ng    | 96       |
| 71) Phenanthrene              | 17.380 | 178  | 1608826  | 39.725 | ng    | 99       |
| 72) Anthracene                | 17.469 | 178  | 1636089  | 40.914 | ng    | 99       |
| 73) Carbazole                 | 17.739 | 167  | 1475920  | 37.502 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.280 | 149  | 1793003  | 42.543 | ng    | # 92     |
| 75) Fluoranthene              | 19.333 | 202  | 1892100  | 38.920 | ng    | 97       |
| 77) Benzidine                 | 19.504 | 184  | 820756   | 70.554 | ng    | 99       |
| 78) Pyrene                    | 19.686 | 202  | 1926357  | 44.569 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 800007   | 45.952 | ng    | # 90     |
| 81) Benzo(a)anthracene        | 21.386 | 228  | 1803202  | 40.112 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.310 | 252  | 420591   | 28.966 | ng    | # 98     |
| 83) Chrysene                  | 21.439 | 228  | 1754938  | 40.315 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.298 | 149  | 1132917  | 46.399 | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 22.227 | 149  | 1969154  | 47.986 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.380 | 276  | 1959239  | 39.159 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.086 | 252  | 1828606  | 42.857 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.133 | 252  | 1677416  | 41.488 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.721 | 252  | 1653800  | 42.606 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 26.397 | 278  | 1671458  | 38.496 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 27.174 | 276  | 1665632  | 39.772 | ng    | # 94     |

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

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 Sample : PB136884BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

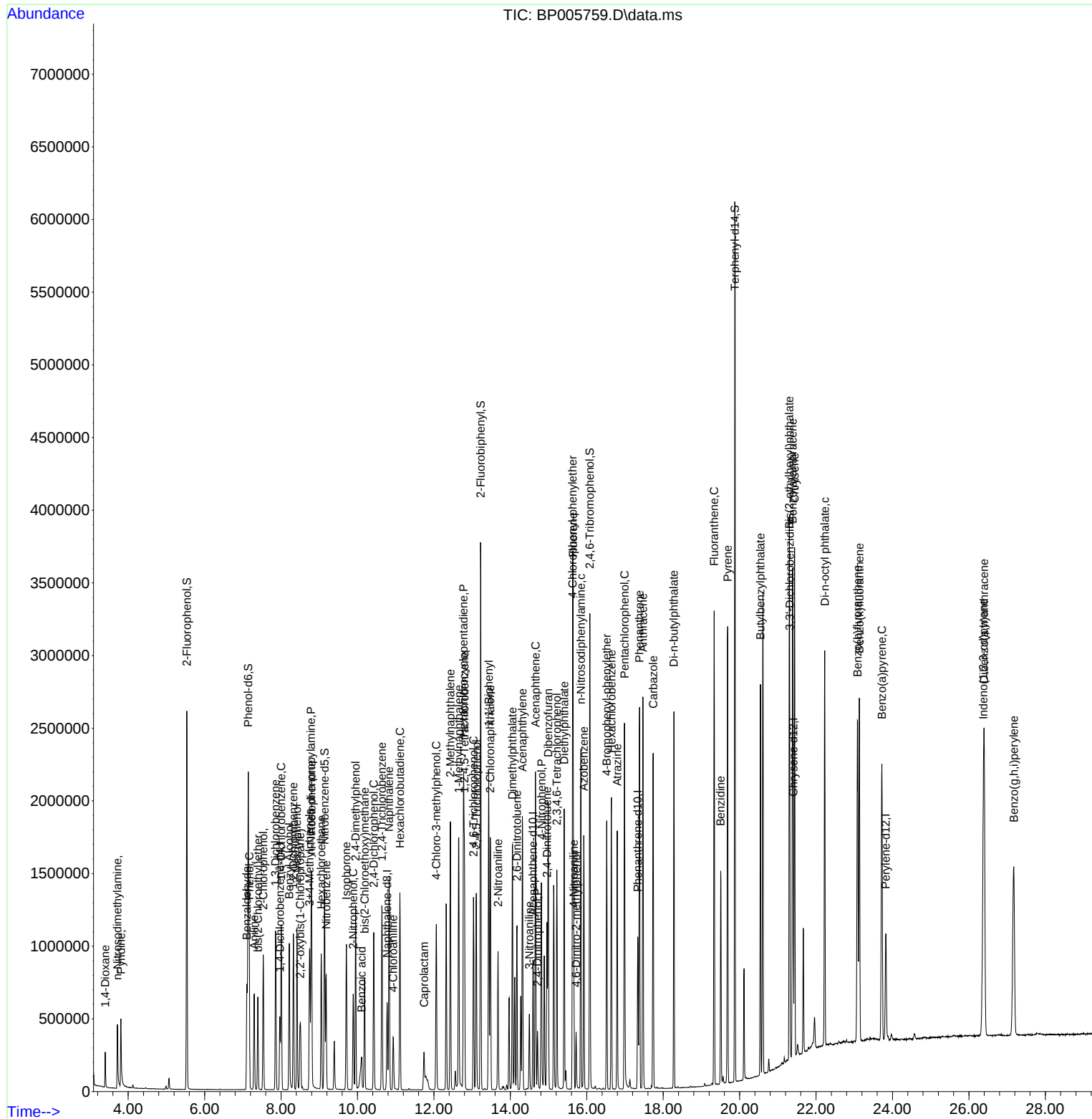
Instrument :  
 BNA\_P  
 ClientSampled :  
 PB136884BS

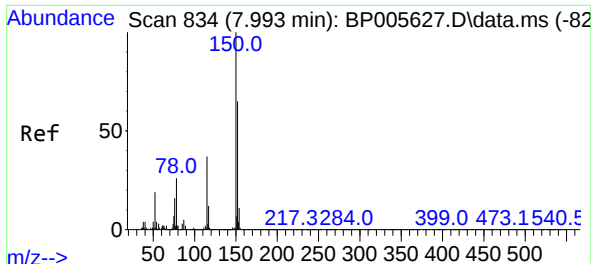
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6/8/2021 3:37:29 PM

Quant Time: Jun 08 03:23:54 2021  
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 QLast Update : Mon Jun 07 12:13:53 2021  
 Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.969 min Scan# 830  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

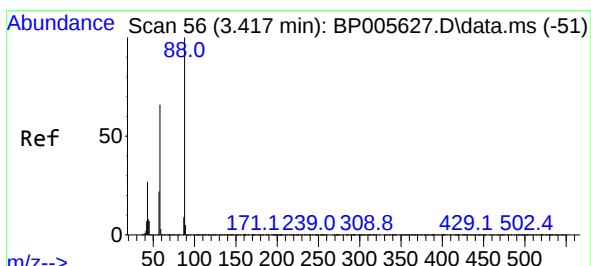
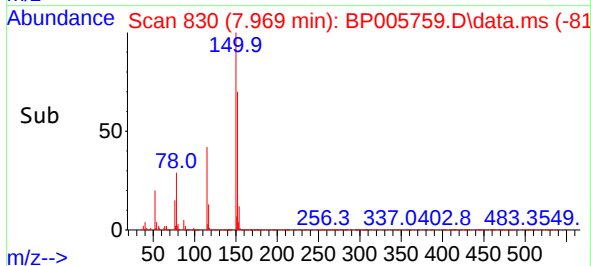
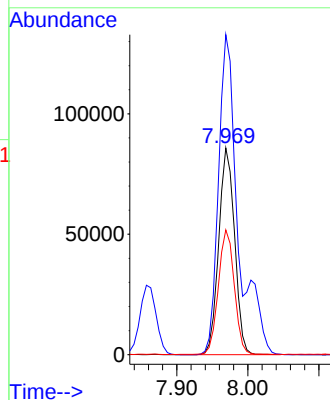
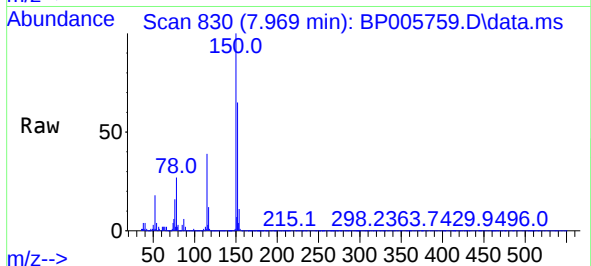
Tgt Ion: 152 Resp: 132635  
Ion Ratio Lower Upper  
152 100  
150 154.8 119.8 179.8  
115 60.3 49.0 73.4

Instrument :  
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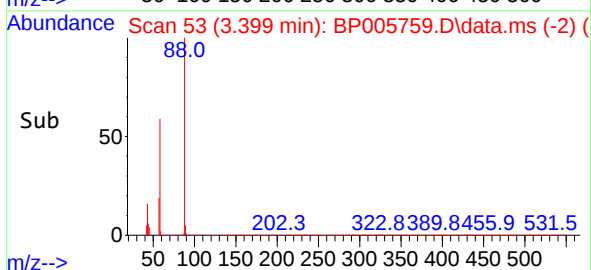
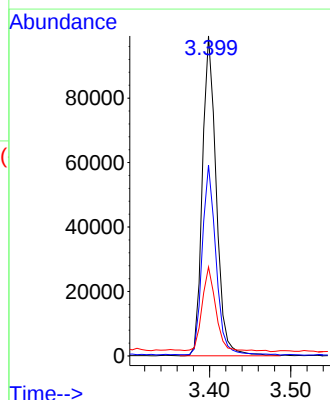
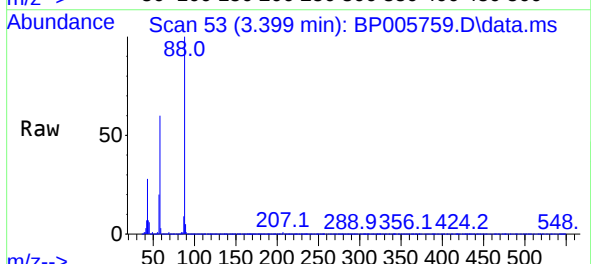
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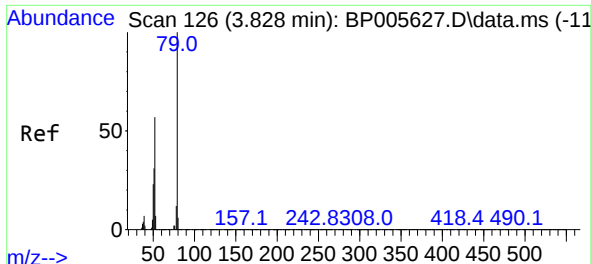
6/8/2021 3:37:29 PM



#2  
1,4-Dioxane  
Concen: 30.151 ng  
RT: 3.399 min Scan# 53  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

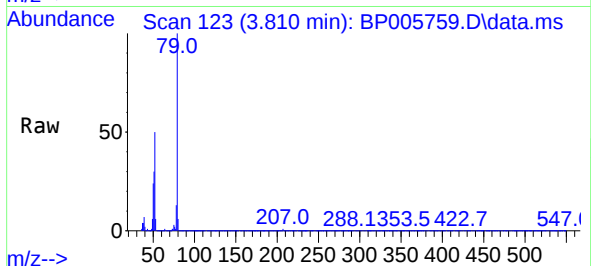
Tgt Ion: 88 Resp: 117725  
Ion Ratio Lower Upper  
88 100  
58 58.8 42.5 63.7  
43 26.7 19.8 29.8





#3  
Pyridine  
Concen: 30.504 ng  
RT: 3.810 min Scan# 123  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

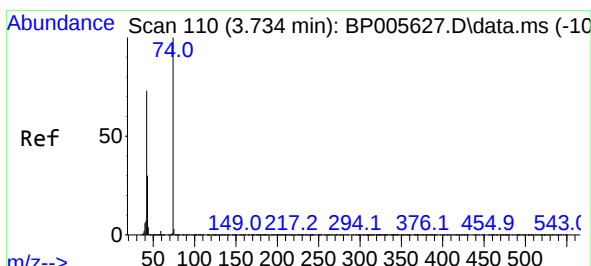
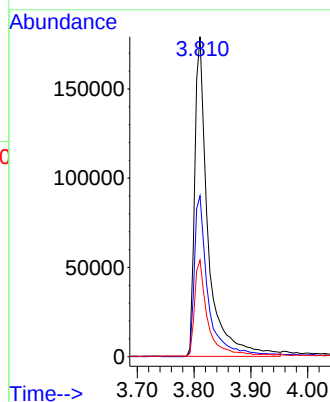
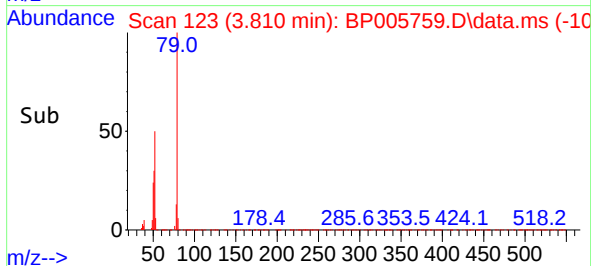


Tgt Ion: 79 Resp: 294835  
Ion Ratio Lower Upper  
79 100  
52 50.3 40.3 60.5  
51 30.2 20.0 30.0#

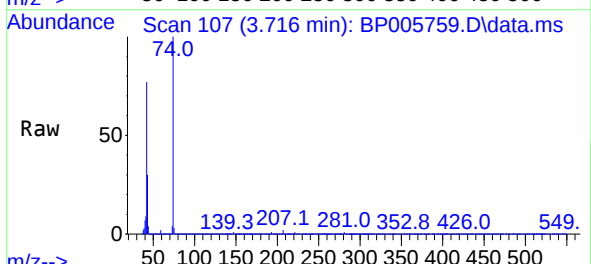
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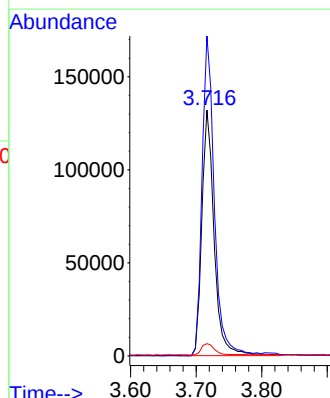
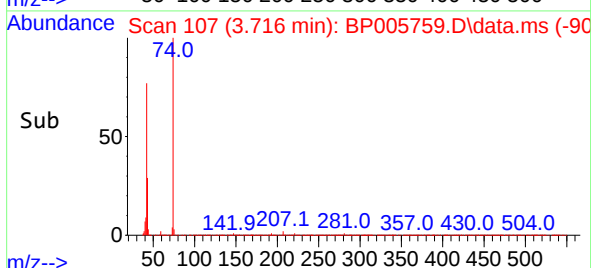
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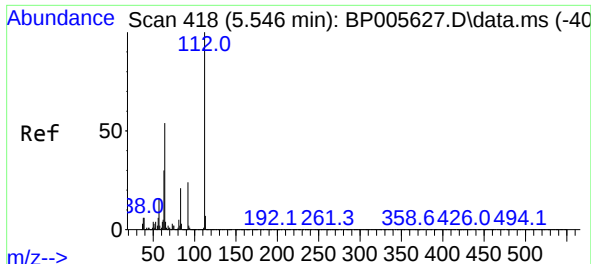


#4  
n-Nitrosodimethylamine  
Concen: 39.892 ng  
RT: 3.716 min Scan# 107  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



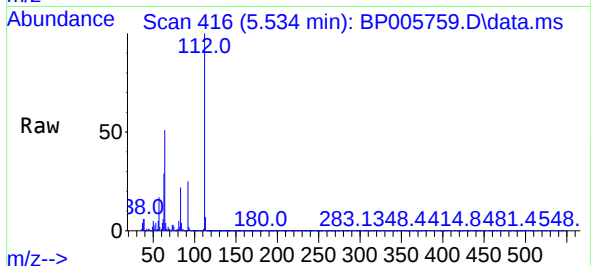
Tgt Ion: 42 Resp: 171724  
Ion Ratio Lower Upper  
42 100  
74 130.1 122.6 183.8  
44 5.0 146.9 220.3#





#5  
2-Fluorophenol  
Concen: 126.112 ng  
RT: 5.534 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
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ClientSampleId :  
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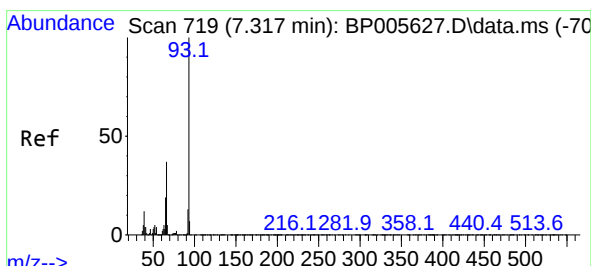
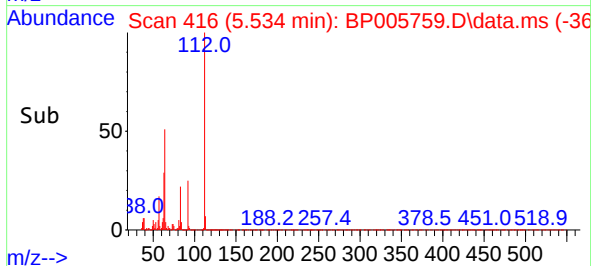
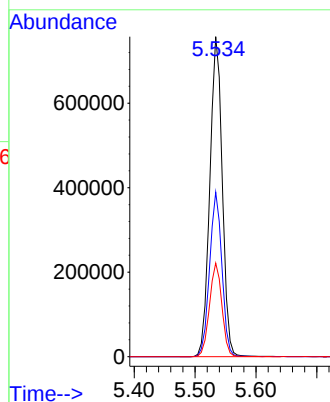


Tgt Ion:112 Resp: 1075871  
Ion Ratio Lower Upper  
112 100  
64 51.4 33.6 50.4#  
63 29.2 18.6 27.8#

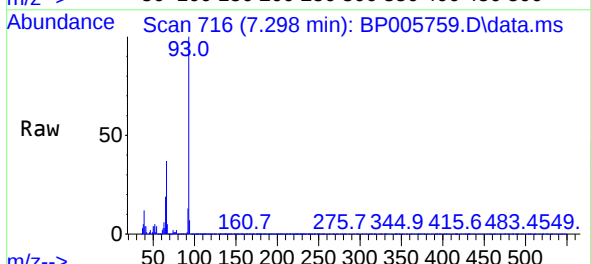
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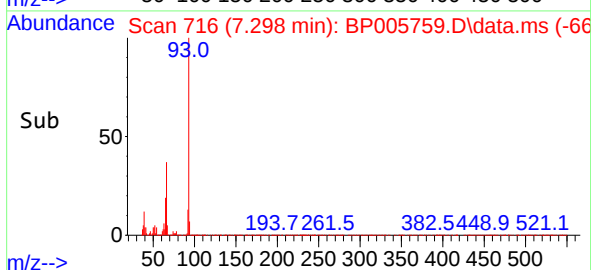
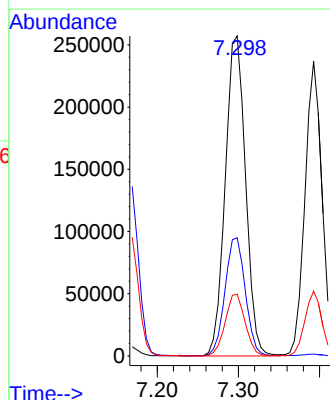
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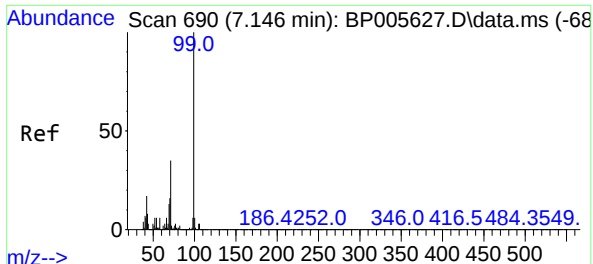


#6  
Aniline  
Concen: 32.902 ng  
RT: 7.298 min Scan# 716  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



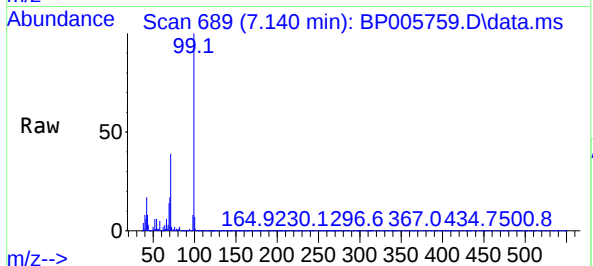
Tgt Ion: 93 Resp: 447312  
Ion Ratio Lower Upper  
93 100  
66 36.9 27.0 40.4  
65 19.3 14.4 21.6





#7  
Phenol-d6  
Concen: 110.115 ng  
RT: 7.140 min Scan# 689  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
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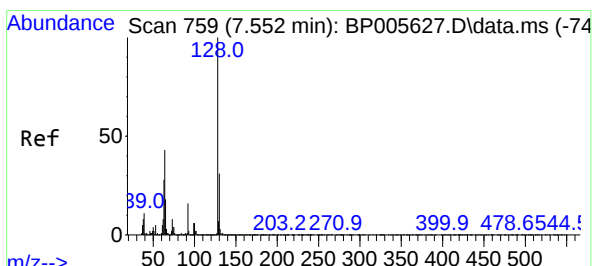
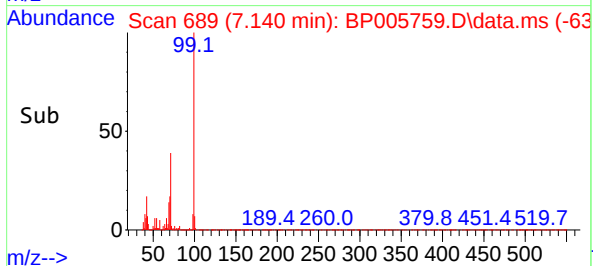
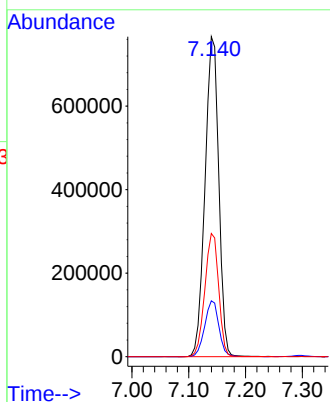
Tgt Ion: 99 Resp: 1280628

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.5  | 12.9  | 19.3  |
| 71  | 38.5  | 26.7  | 40.1  |

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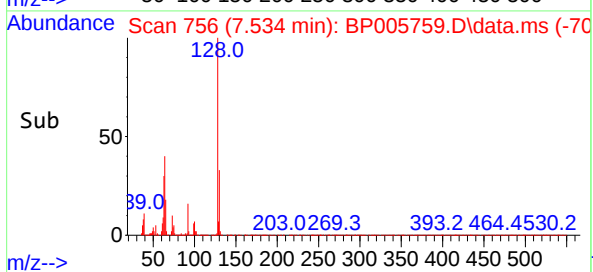
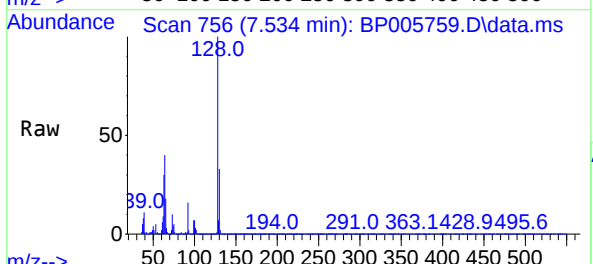
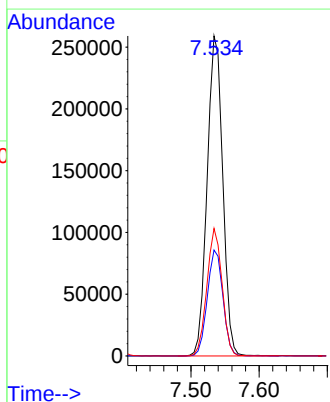
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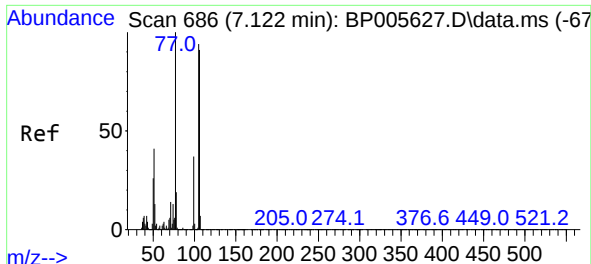


#8  
2-Chlorophenol  
Concen: 43.237 ng  
RT: 7.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion: 128 Resp: 413019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.1  | 14.1  | 54.1  |
| 64  | 39.9  | 17.2  | 57.2  |





#9  
Benzaldehyde  
Concen: 47.594 ng  
RT: 7.104 min Scan# 683  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

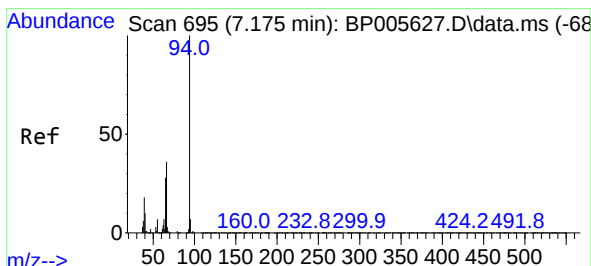
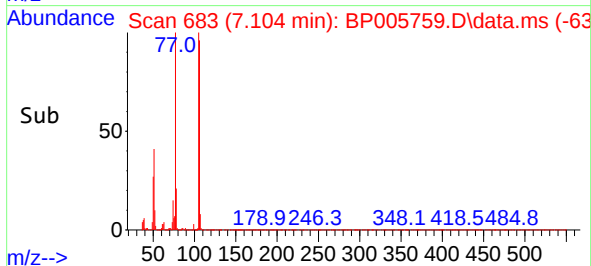
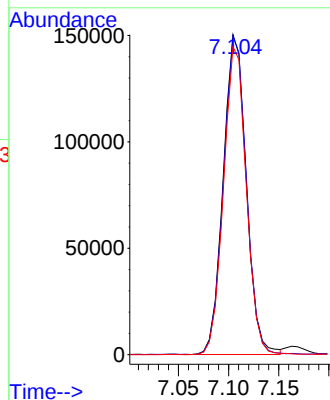
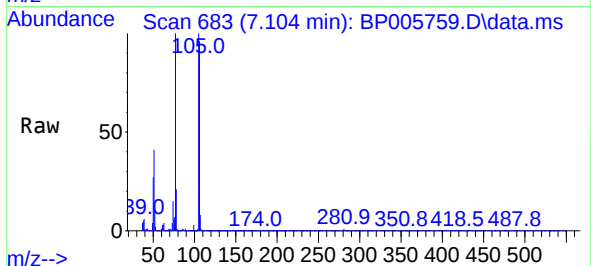
Tgt Ion: 77 Resp: 239649  
Ion Ratio Lower Upper  
77 100  
105 99.5 89.4 129.4  
106 96.2 79.9 119.9

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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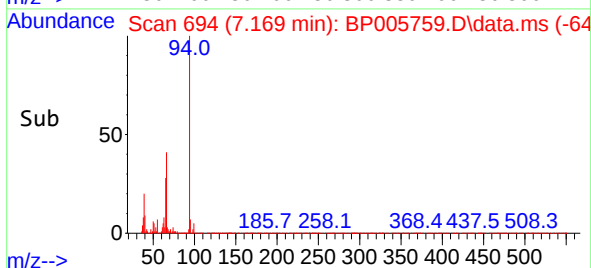
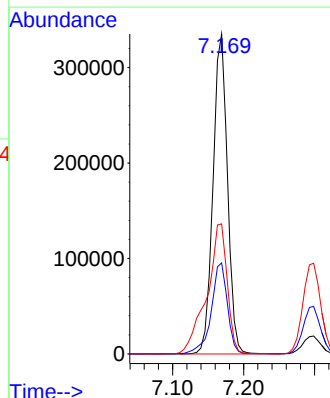
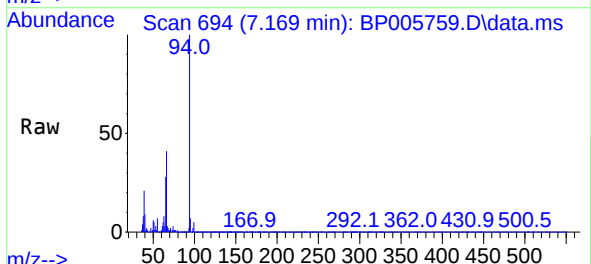
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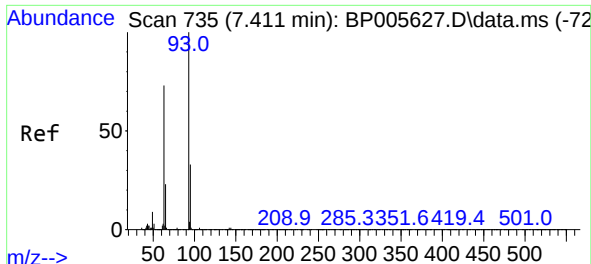
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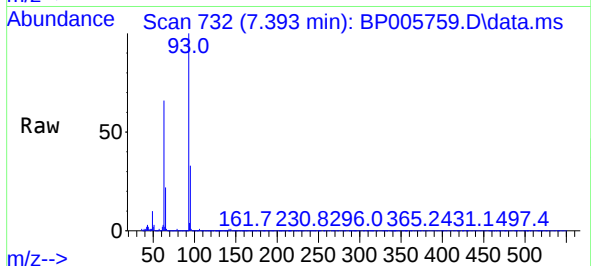
#10  
Phenol  
Concen: 39.814 ng  
RT: 7.169 min Scan# 694  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion: 94 Resp: 472759  
Ion Ratio Lower Upper  
94 100  
65 28.5 8.0 48.0  
66 40.7 17.3 57.3

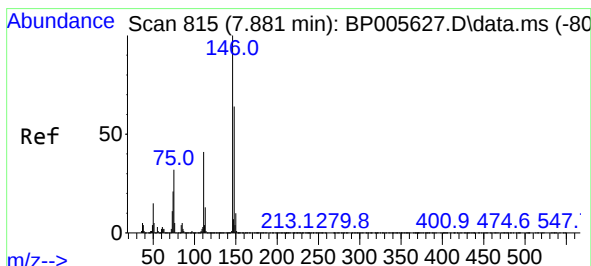
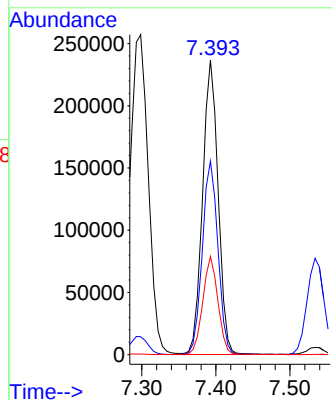
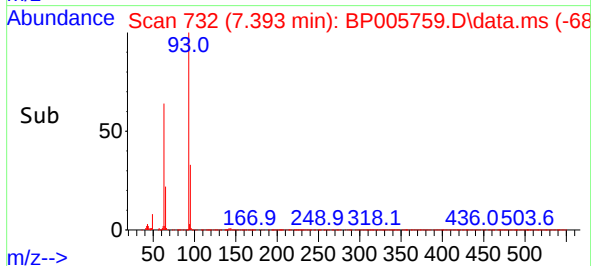




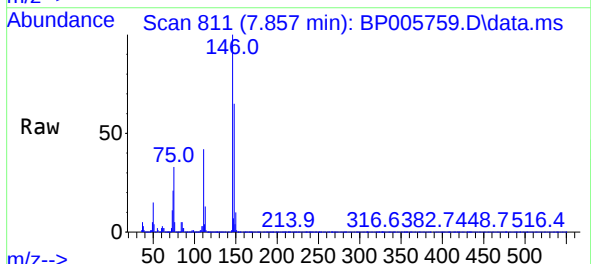
#11  
bis(2-Chloroethyl)ether  
Concen: 37.779 ng  
RT: 7.393 min Scan# 732  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



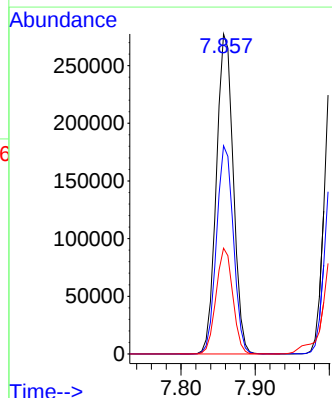
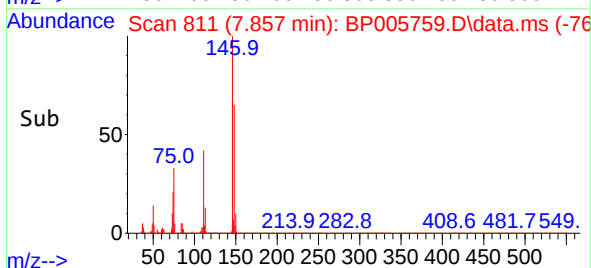
Tgt Ion: 93 Resp: 346352  
Ion Ratio Lower Upper  
93 100  
63 65.7 49.6 89.6  
95 33.4 14.4 54.4



#12  
1,3-Dichlorobenzene  
Concen: 40.535 ng  
RT: 7.857 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



Tgt Ion: 146 Resp: 439518  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.4 77.0  
75 33.0 23.9 35.9

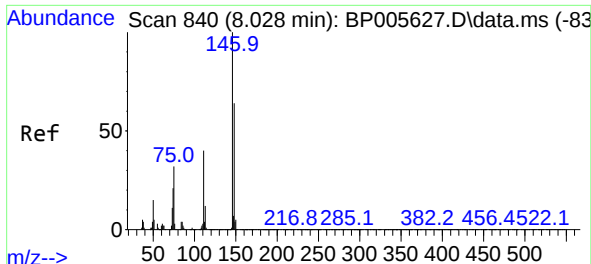


Instrument :  
BNA\_P  
ClientSampleId :  
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#13  
1,4-Dichlorobenzene  
Concen: 41.221 ng  
RT: 8.004 min Scan# 836  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

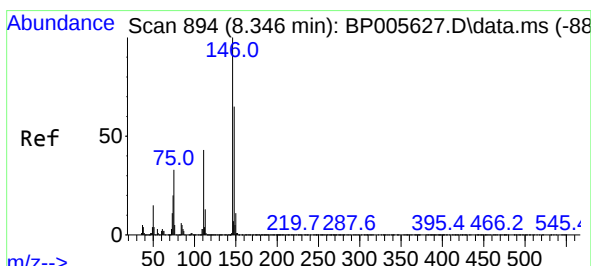
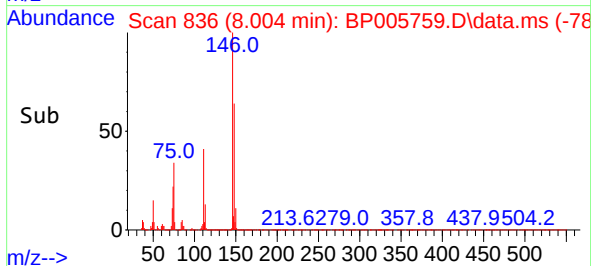
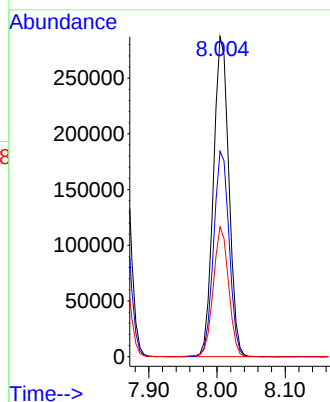
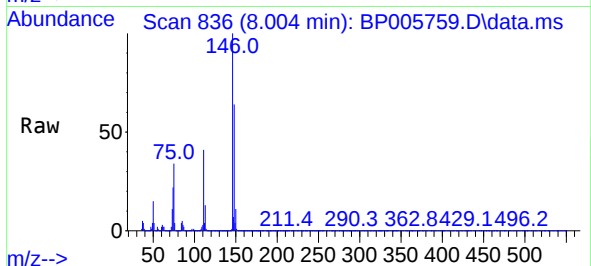
Tgt Ion:146 Resp: 452974  
Ion Ratio Lower Upper  
146 100  
148 64.2 52.2 78.4  
111 40.5 34.2 51.4

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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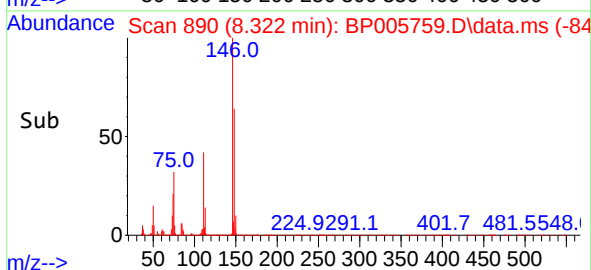
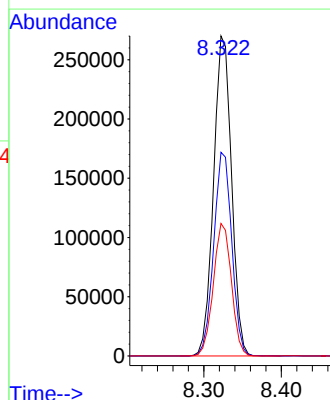
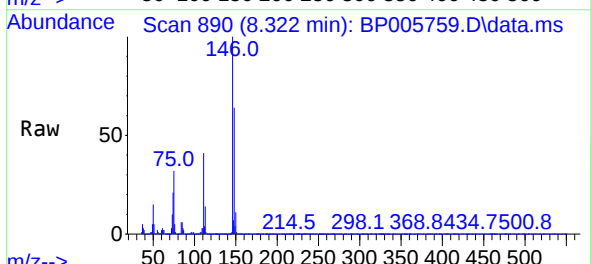
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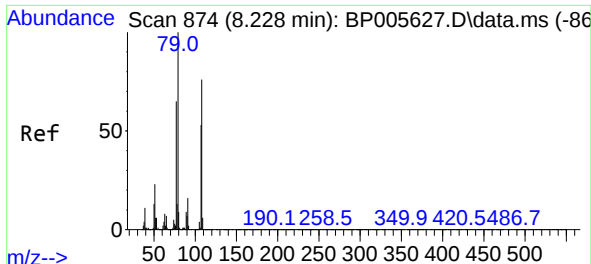
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#14  
1,2-Dichlorobenzene  
Concen: 41.359 ng  
RT: 8.322 min Scan# 890  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

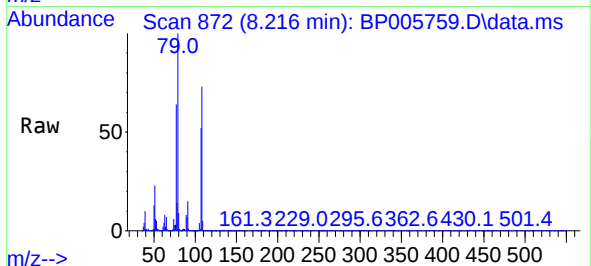
Tgt Ion:146 Resp: 434667  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.5 77.3  
111 41.4 34.0 51.0





#15  
Benzyl Alcohol  
Concen: 43.524 ng  
RT: 8.216 min Scan# 872  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

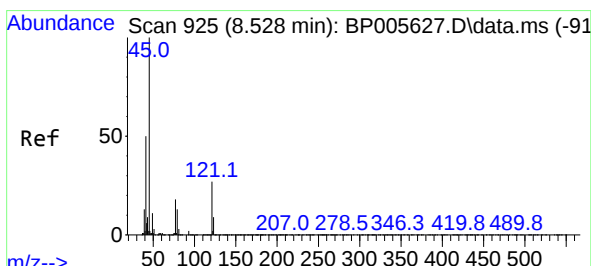
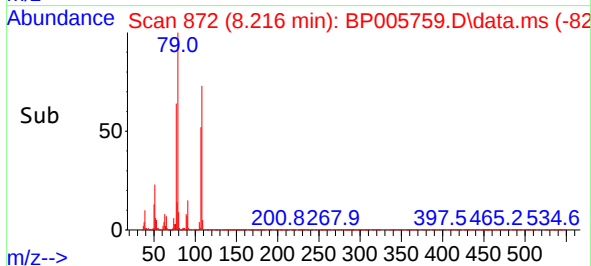
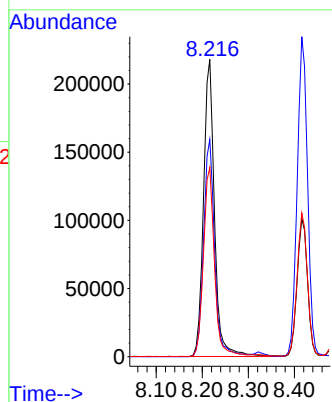


Tgt Ion: 79 Resp: 363091  
Ion Ratio Lower Upper  
79 100  
108 73.1 64.0 96.0  
77 63.6 72.7 109.1#

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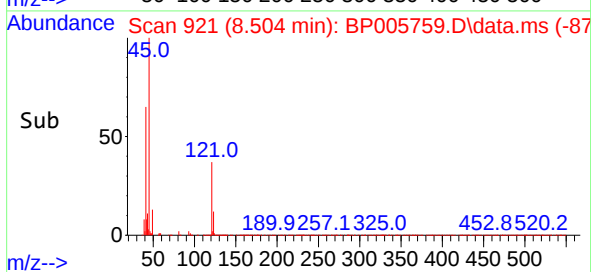
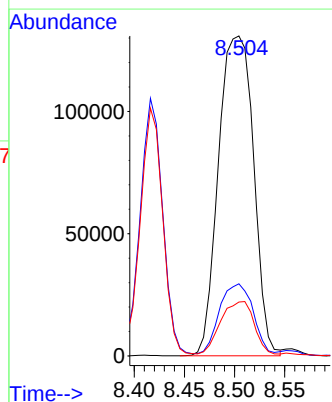
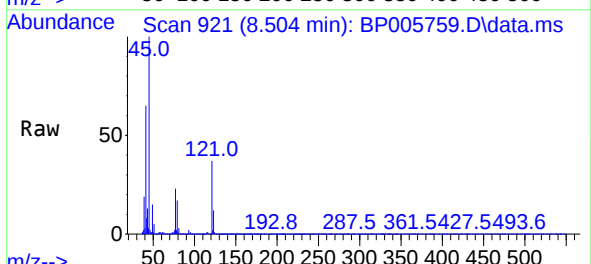
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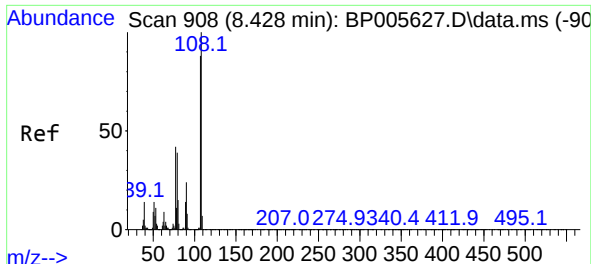
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.374 ng  
RT: 8.504 min Scan# 921  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

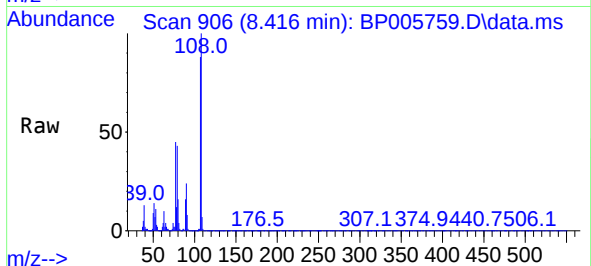
Tgt Ion: 45 Resp: 318767  
Ion Ratio Lower Upper  
45 100  
77 22.5 7.0 47.0  
79 16.9 1.0 41.0





#17  
2-Methylphenol  
Concen: 42.163 ng  
RT: 8.416 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

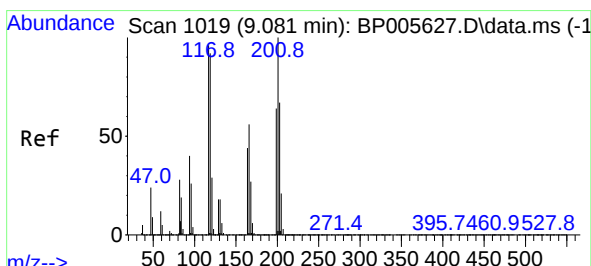
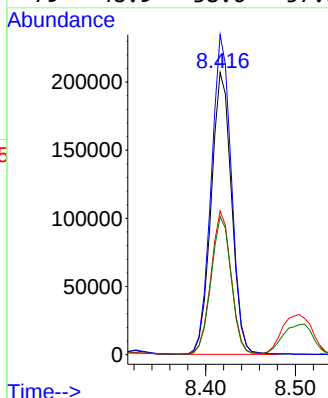
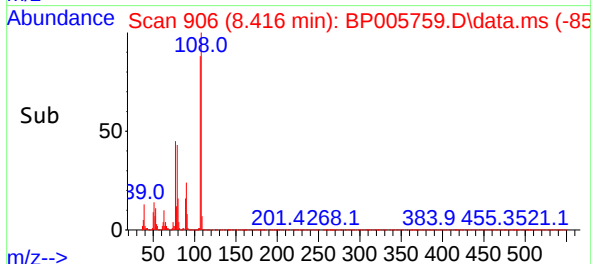


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 325912 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.4 | 85.8  | 128.8  |
| 77       | 50.9  | 41.4  | 62.0   |
| 79       | 48.9  | 38.6  | 57.8   |

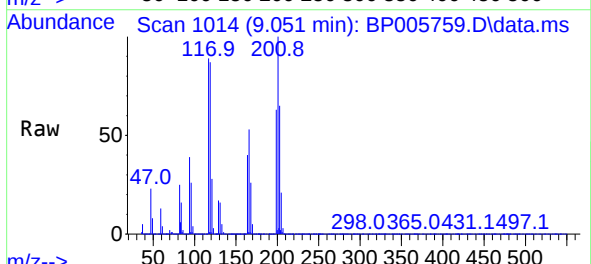
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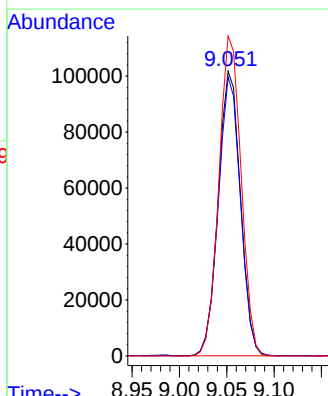
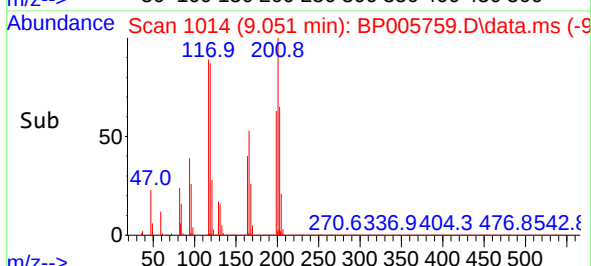
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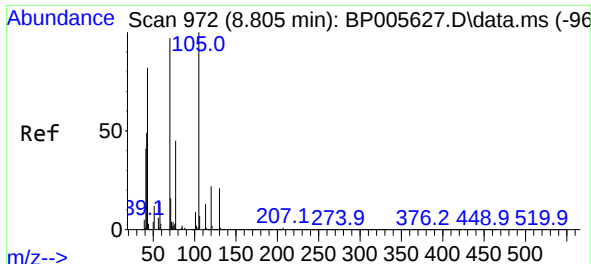


#18  
Hexachloroethane  
Concen: 42.775 ng  
RT: 9.051 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 166806 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.9  | 80.1  | 120.1  |
| 201      | 112.4 | 98.8  | 148.2  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 36.439 ng  
RT: 8.787 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion: 70 Resp: 269560

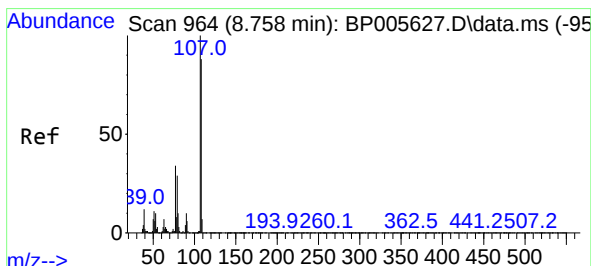
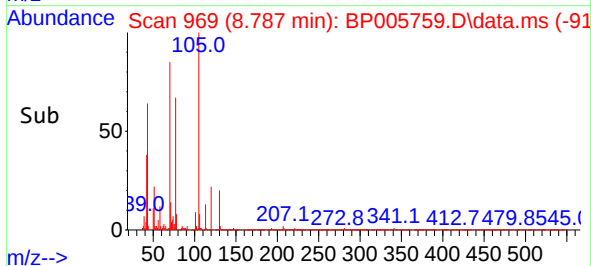
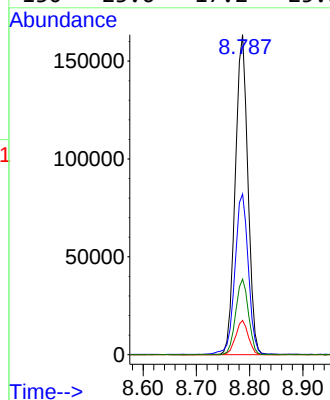
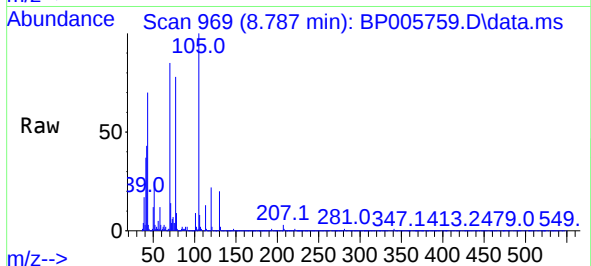
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 50.2  | 39.7  | 59.5  |
| 101 | 10.7  | 7.4   | 11.0  |
| 130 | 23.6  | 17.2  | 25.8  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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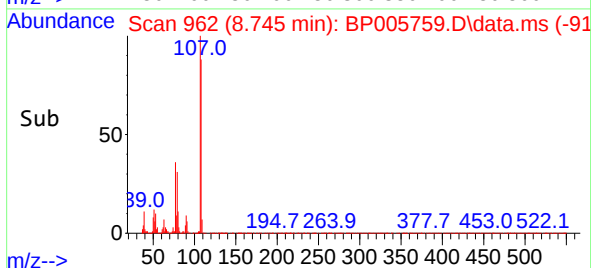
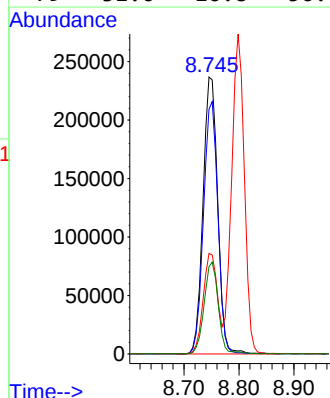
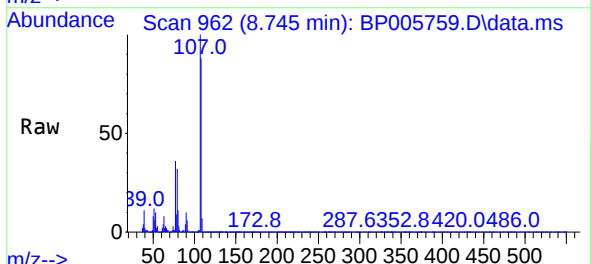
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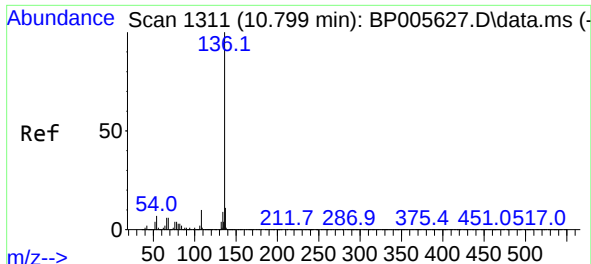


#20  
3+4-Methylphenols  
Concen: 42.529 ng  
RT: 8.745 min Scan# 962  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion: 107 Resp: 437966

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.4  | 69.5  | 109.5 |
| 77  | 36.3  | 21.5  | 61.5  |
| 79  | 31.6  | 16.8  | 56.8  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1307  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

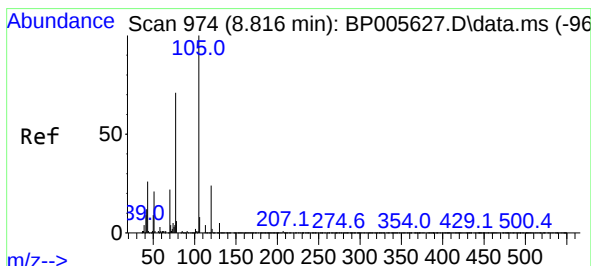
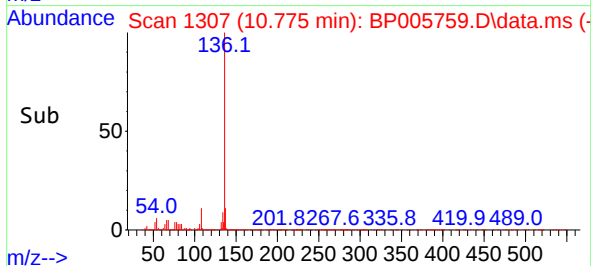
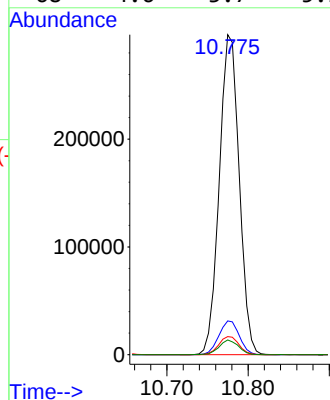
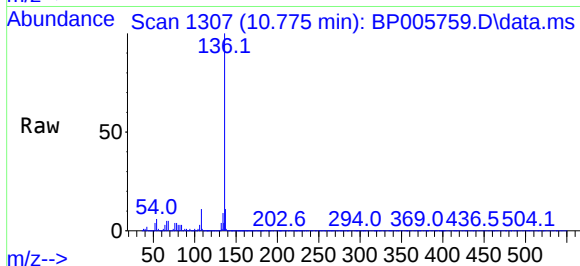
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 506425 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.9   | 13.3   |
| 54        | 5.7   | 5.0   | 7.4    |
| 68        | 4.6   | 3.7   | 5.5    |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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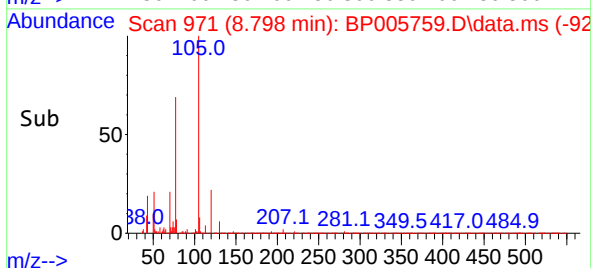
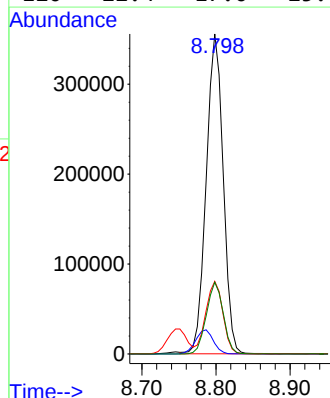
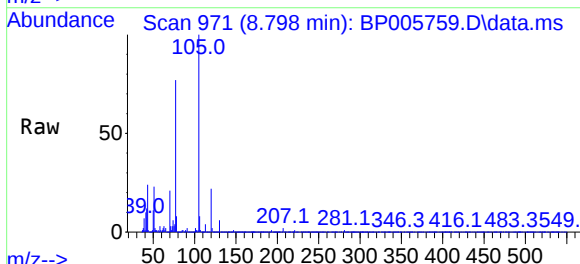
mohammad

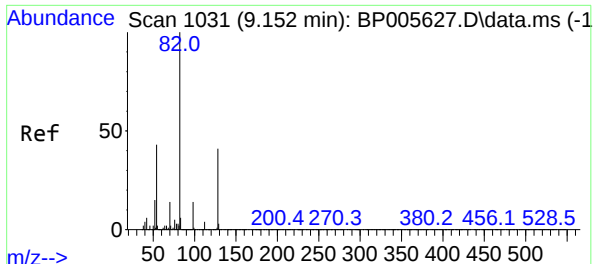
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#22  
Acetophenone  
Concen: 41.854 ng  
RT: 8.798 min Scan# 971  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 565384 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 3.3   | 0.9   | 1.3    |
| 51        | 22.7  | 18.2  | 27.2   |
| 120       | 22.4  | 17.0  | 25.6   |





#23  
Nitrobenzene-d5  
Concen: 89.437 ng  
RT: 9.140 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

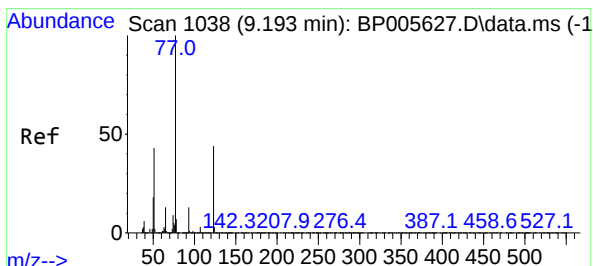
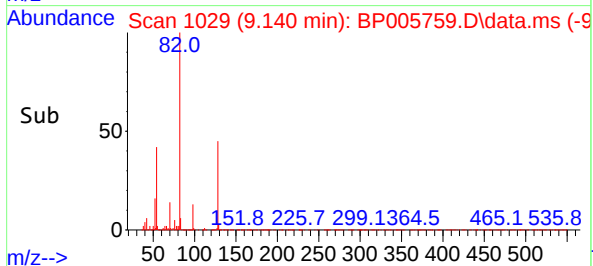
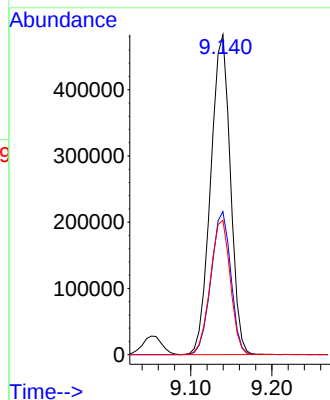
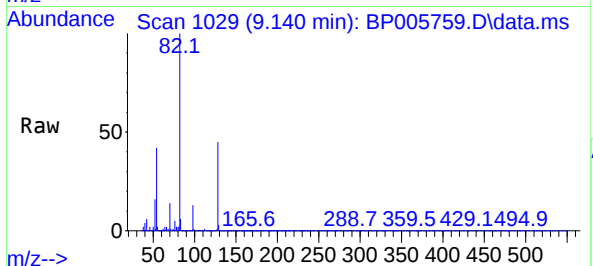
Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

Tgt Ion: 82 Resp: 814421  
Ion Ratio Lower Upper  
82 100  
128 44.7 30.5 45.7  
54 42.0 33.9 50.9

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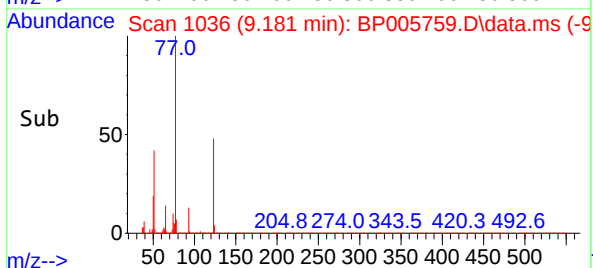
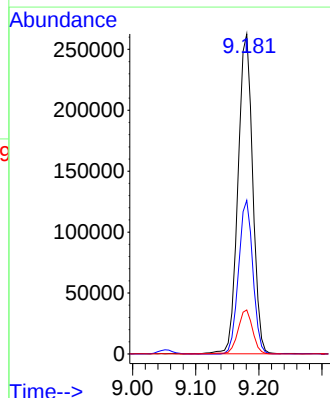
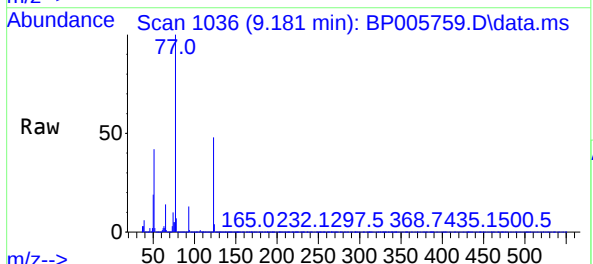
mohammad

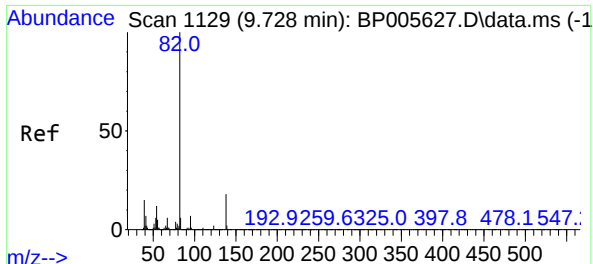
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#24  
Nitrobenzene  
Concen: 41.818 ng  
RT: 9.181 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion: 77 Resp: 422981  
Ion Ratio Lower Upper  
77 100  
123 48.0 31.7 47.5#  
65 13.8 11.5 17.3





#25  
Isophorone  
Concen: 35.743 ng  
RT: 9.710 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

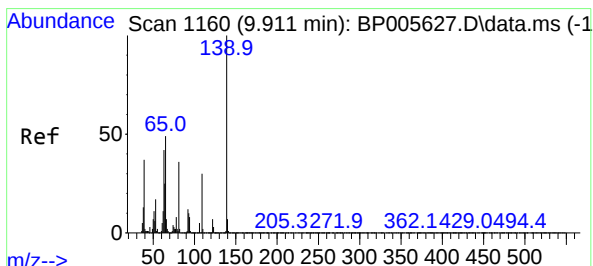
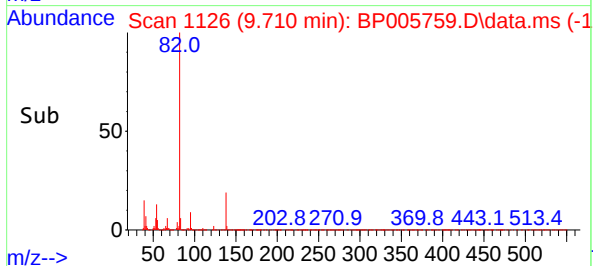
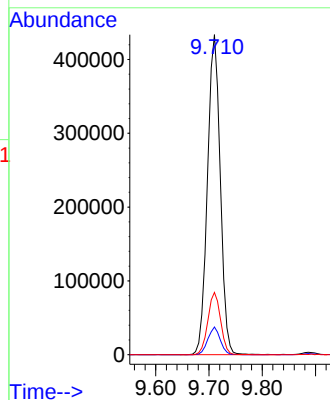
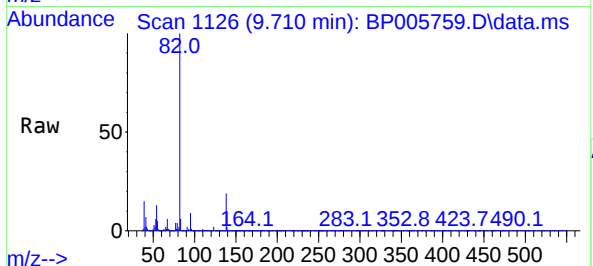
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 722606 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 8.7   | 7.5   | 11.3   |
| 138      | 19.5  | 14.6  | 22.0   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

Manual Integrations  
APPROVED

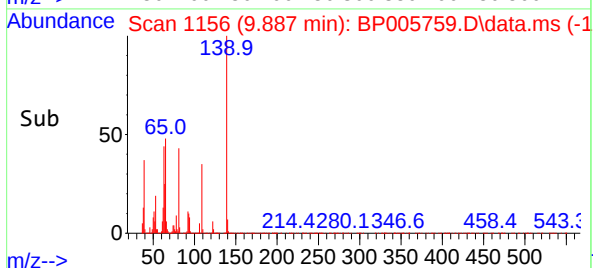
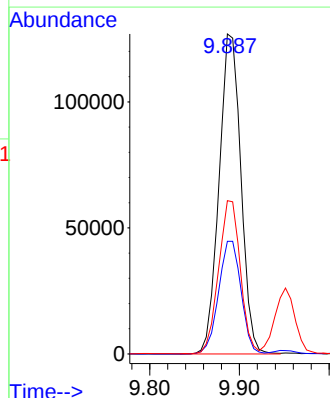
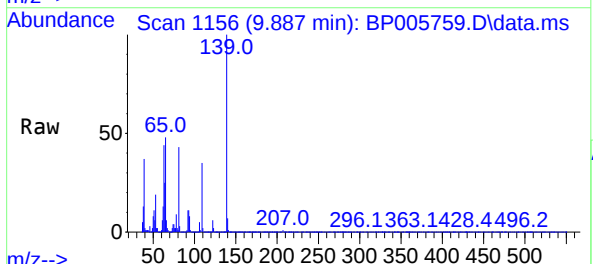
mohammad

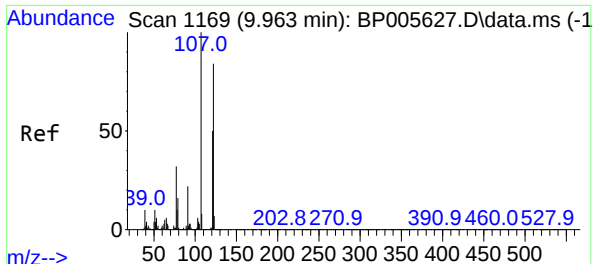
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#26  
2-Nitrophenol  
Concen: 54.879 ng  
RT: 9.887 min Scan# 1156  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 214756 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 35.2  | 40.7  | 61.1#  |
| 65       | 47.9  | 47.8  | 71.6   |





#27  
2,4-Dimethylphenol  
Concen: 46.700 ng  
RT: 9.951 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

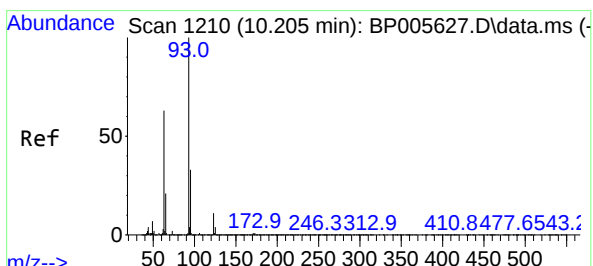
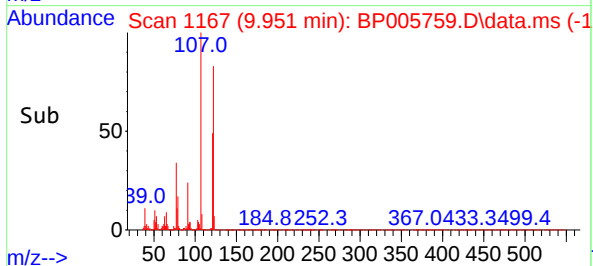
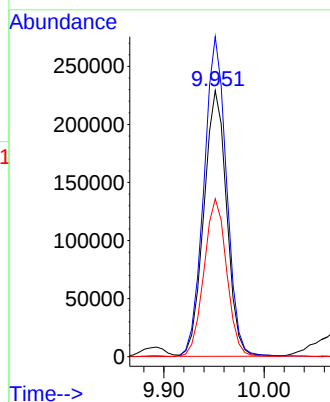
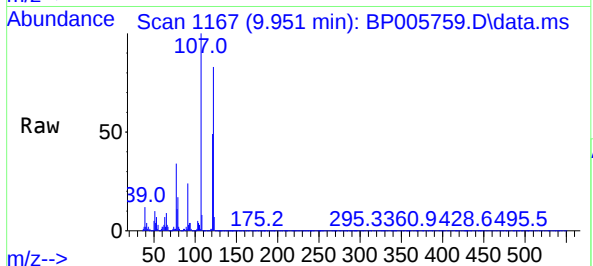
Tgt Ion:122 Resp: 362389  
Ion Ratio Lower Upper  
122 100  
107 120.3 93.8 140.8  
121 59.4 45.6 68.4

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

Manual Integrations  
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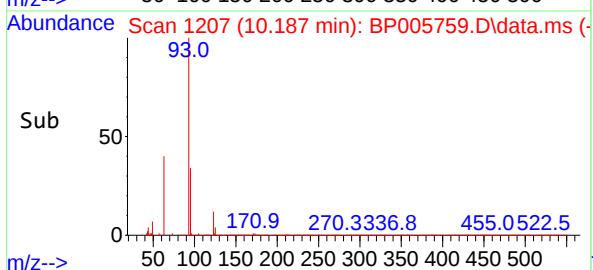
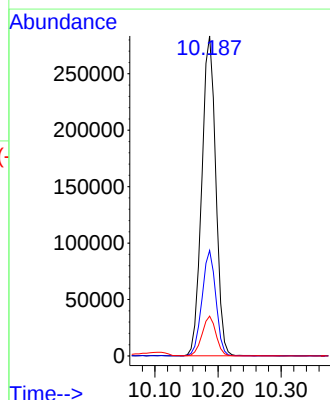
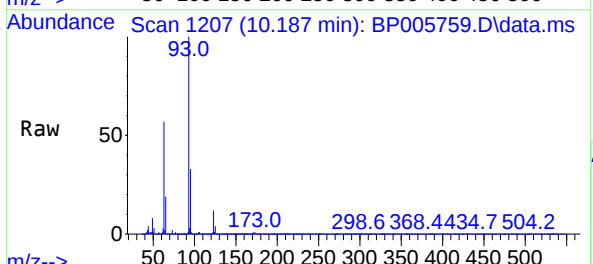
mohammad

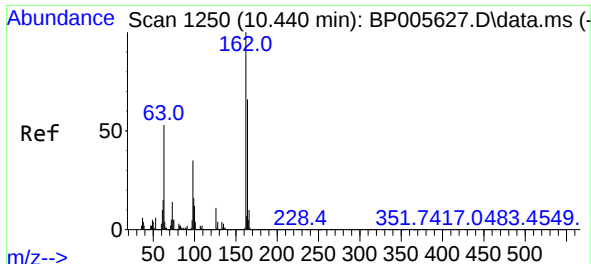
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#28  
bis(2-Chloroethoxy)methane  
Concen: 40.140 ng  
RT: 10.187 min Scan# 1207  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

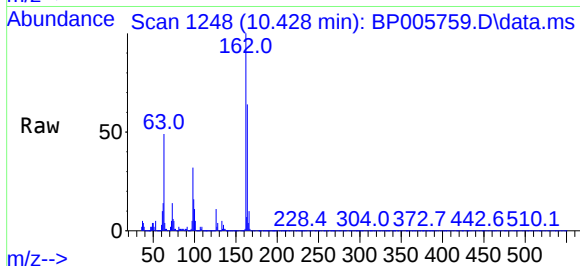
Tgt Ion: 93 Resp: 436744  
Ion Ratio Lower Upper  
93 100  
95 32.9 24.9 37.3  
123 12.4 9.5 14.3





#29  
2,4-Dichlorophenol  
Concen: 46.822 ng  
RT: 10.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

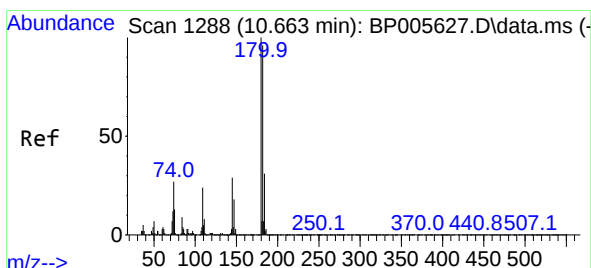
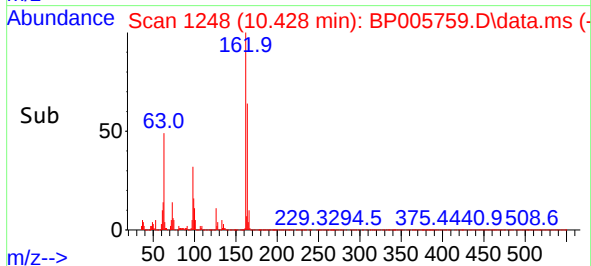
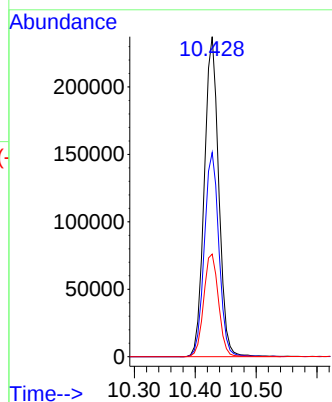


Tgt Ion:162 Resp: 390775  
Ion Ratio Lower Upper  
162 100  
164 63.8 44.1 84.1  
98 32.0 12.6 52.6

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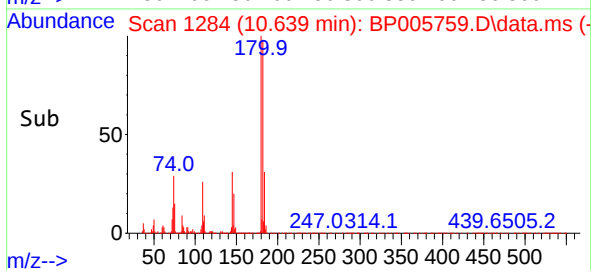
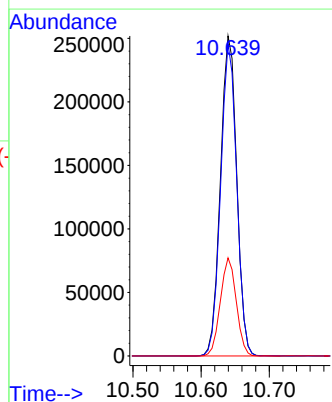
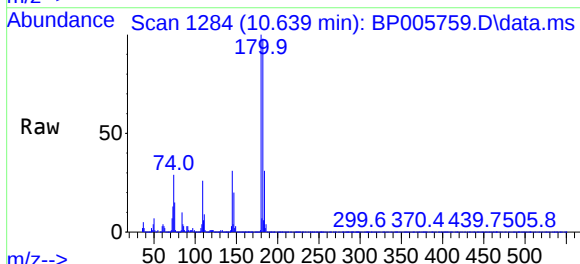
mohammad

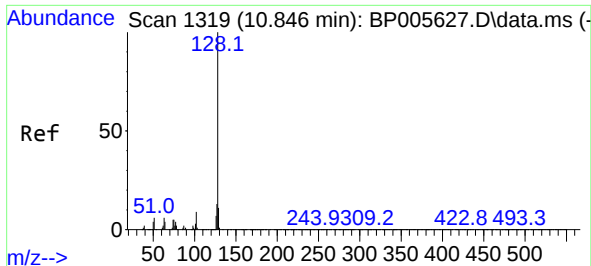
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#30  
1,2,4-Trichlorobenzene  
Concen: 42.389 ng  
RT: 10.639 min Scan# 1284  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

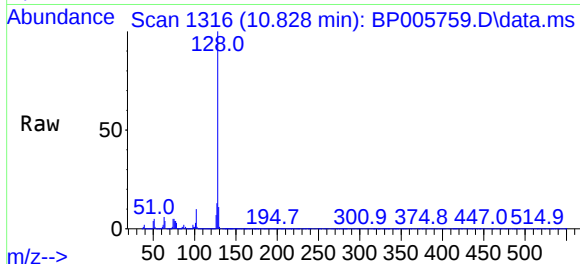
Tgt Ion:180 Resp: 419030  
Ion Ratio Lower Upper  
180 100  
182 97.6 77.2 115.8  
145 30.6 21.7 32.5





#31  
Naphthalene  
Concen: 38.782 ng  
RT: 10.828 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

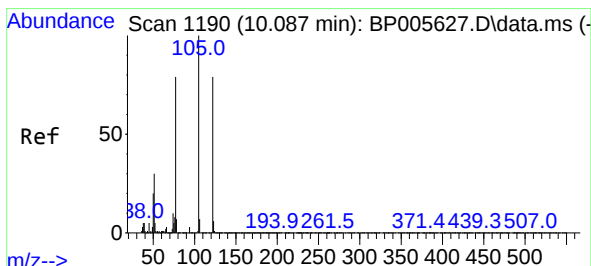
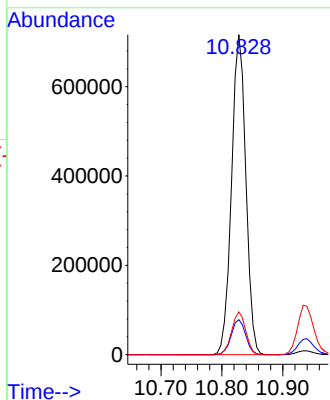
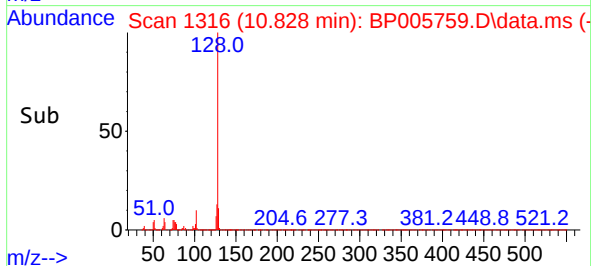


Tgt Ion:128 Resp: 1169571  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.0 12.0  
127 13.4 11.1 16.7

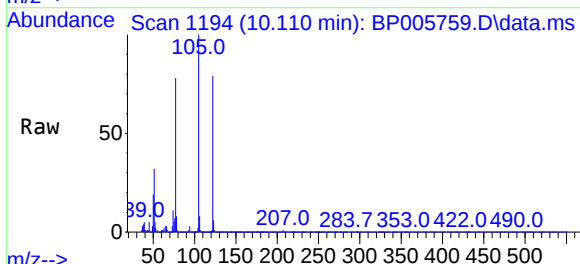
Manual Integrations  
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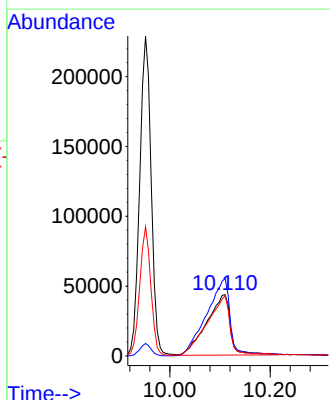
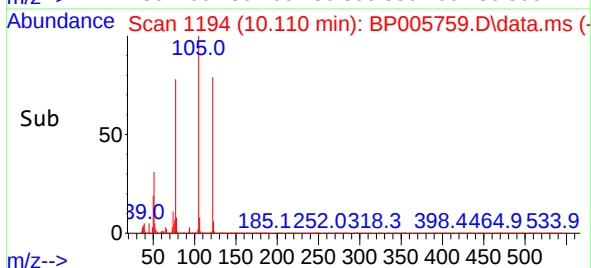
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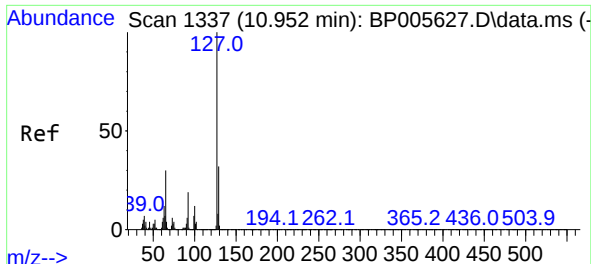


#32  
Benzoic acid  
Concen: 34.875 ng  
RT: 10.110 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



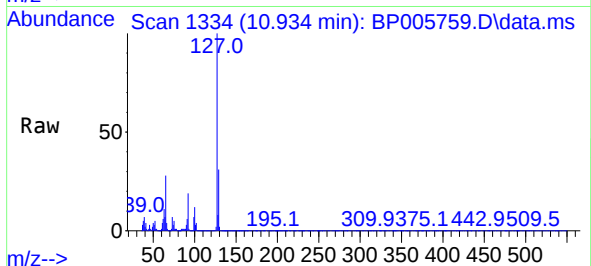
Tgt Ion:122 Resp: 142618  
Ion Ratio Lower Upper  
122 100  
105 126.2 105.1 145.1  
77 98.5 69.6 109.6





#33  
4-Chloroaniline  
Concen: 16.372 ng  
RT: 10.934 min Scan# 1334  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

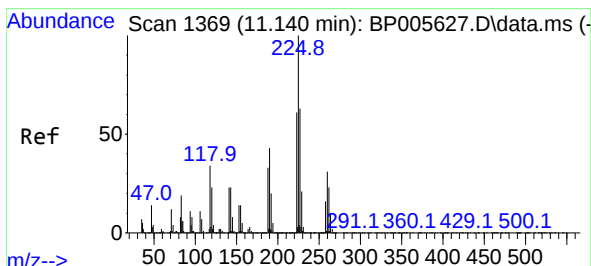
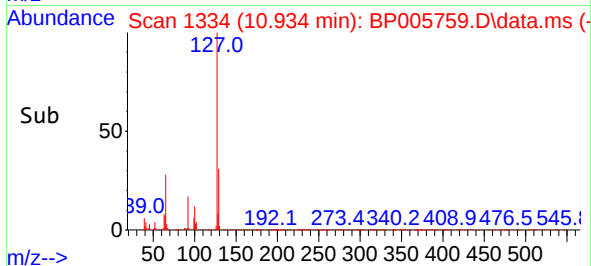
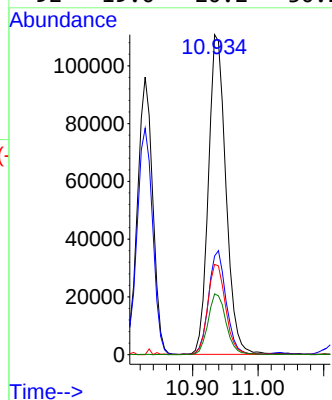


Tgt Ion:127 Resp: 205586  
Ion Ratio Lower Upper  
127 100  
129 30.8 25.5 38.3  
65 28.2 30.0 45.0#  
92 19.0 20.2 30.2#

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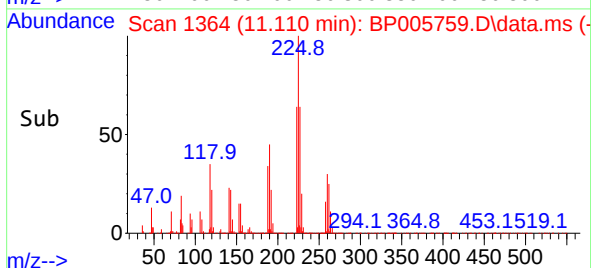
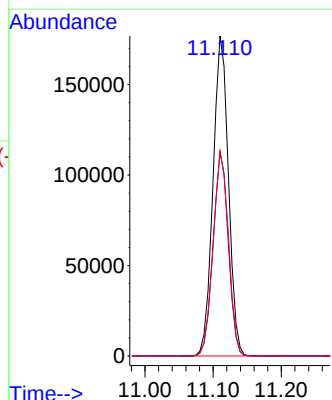
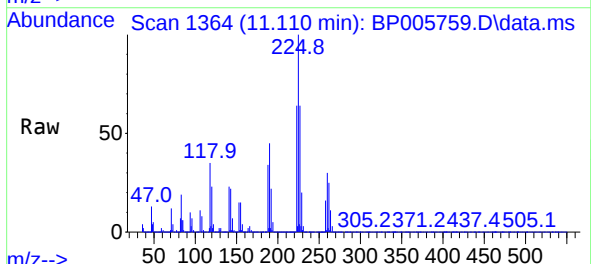
mohammad

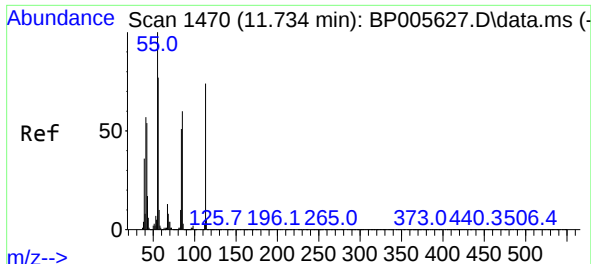
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#34  
Hexachlorobutadiene  
Concen: 45.098 ng  
RT: 11.110 min Scan# 1364  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

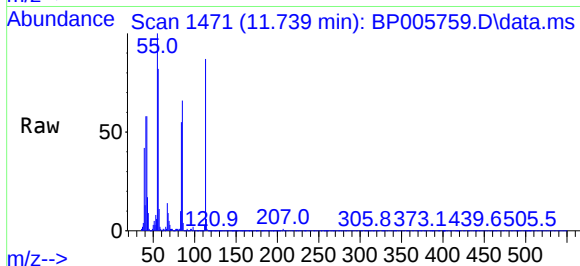
Tgt Ion:225 Resp: 278445  
Ion Ratio Lower Upper  
225 100  
223 63.7 51.1 76.7  
227 64.0 50.2 75.2





#35  
Caprolactam  
Concen: 51.425 ng m  
RT: 11.739 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleID :  
PB136884BS

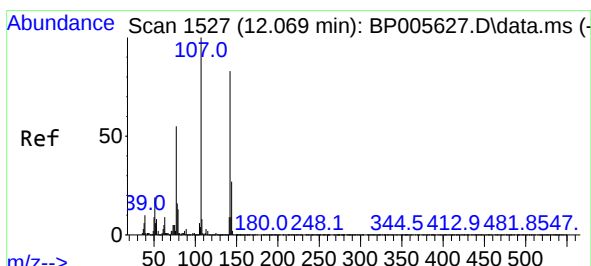
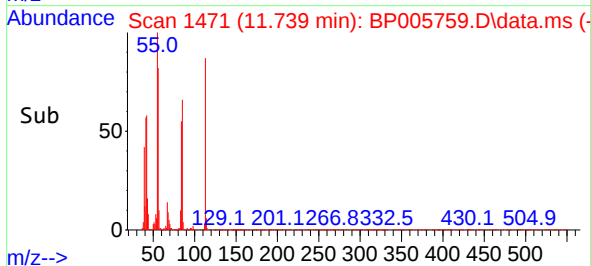
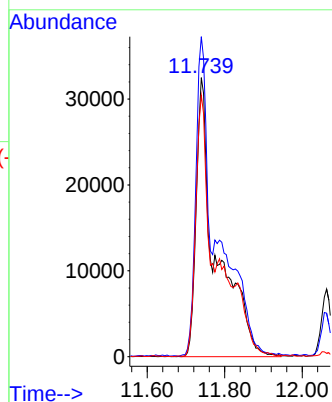


Tgt Ion:113 Resp: 117535  
Ion Ratio Lower Upper  
113 100  
55 114.7 72.0 112.0#  
56 93.7 65.1 105.1

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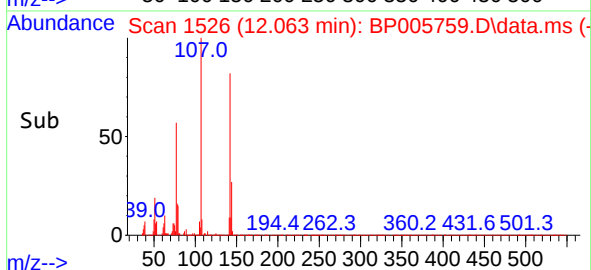
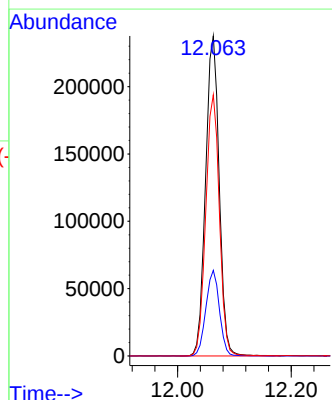
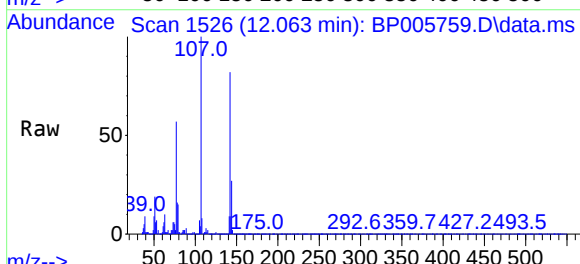
mohammad

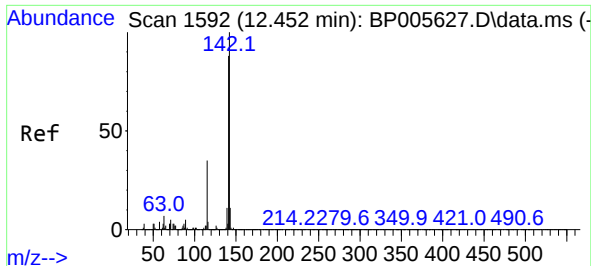
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#36  
4-Chloro-3-methylphenol  
Concen: 44.783 ng  
RT: 12.063 min Scan# 1526  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

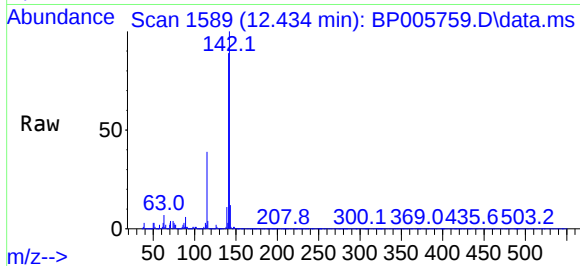
Tgt Ion:107 Resp: 393419  
Ion Ratio Lower Upper  
107 100  
144 26.7 20.1 30.1  
142 81.6 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 39.722 ng  
RT: 12.434 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

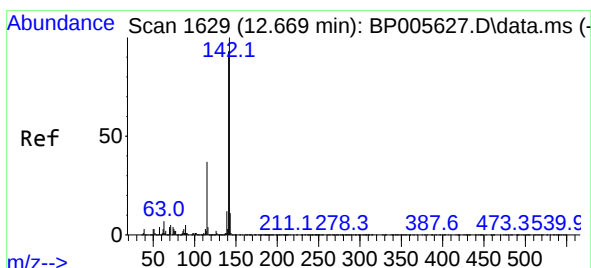
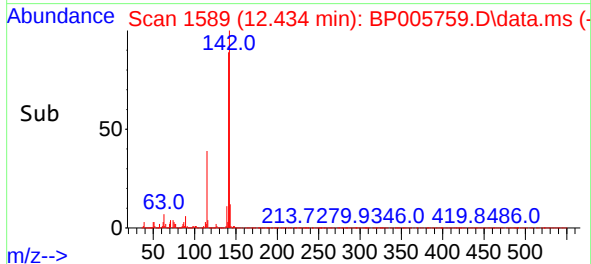
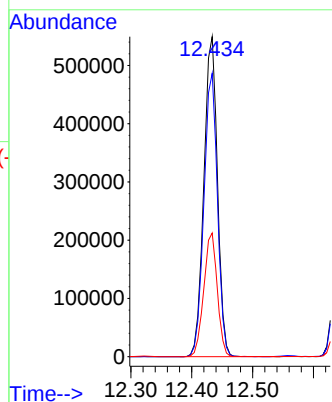


Tgt Ion:142 Resp: 848824  
Ion Ratio Lower Upper  
142 100  
141 88.5 74.7 112.1  
115 38.6 43.8 65.8#

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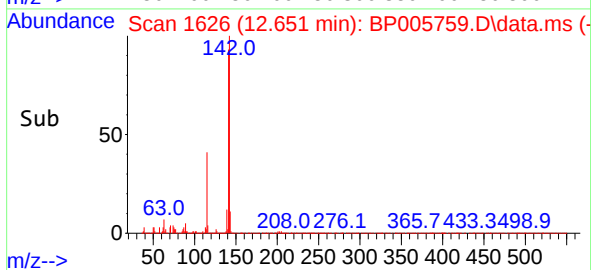
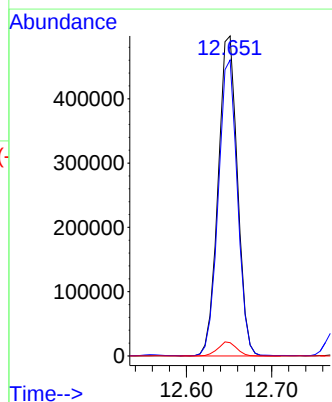
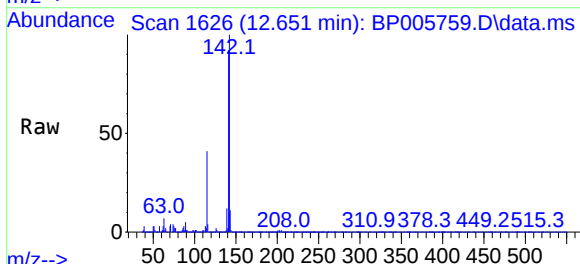
mohammad

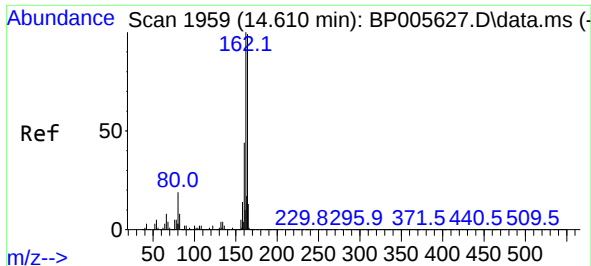
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#38  
1-Methylnaphthalene  
Concen: 38.563 ng  
RT: 12.651 min Scan# 1626  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

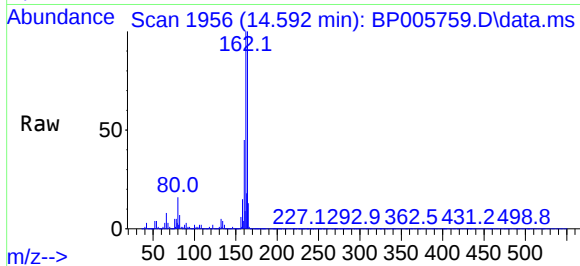
Tgt Ion:142 Resp: 781831  
Ion Ratio Lower Upper  
142 100  
141 92.5 77.0 115.6  
116 4.2 5.0 7.6#





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.592 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

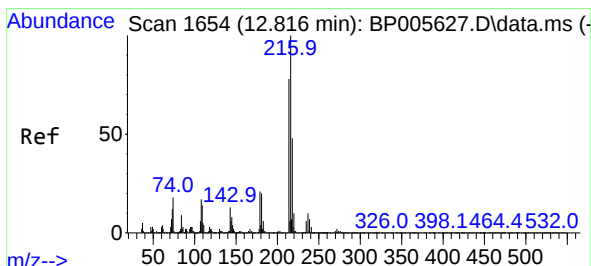
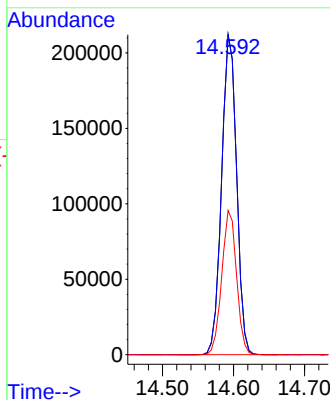
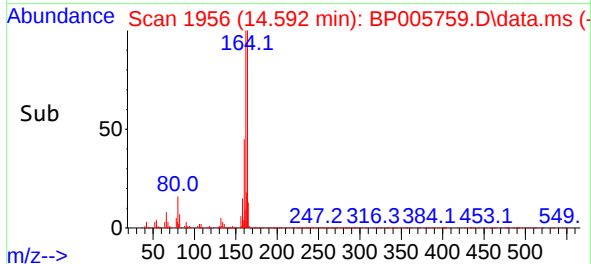


Tgt Ion:164 Resp: 308888  
Ion Ratio Lower Upper  
164 100  
162 99.9 73.5 110.3  
160 45.0 40.6 61.0

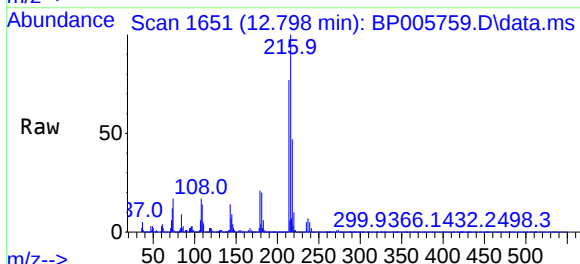
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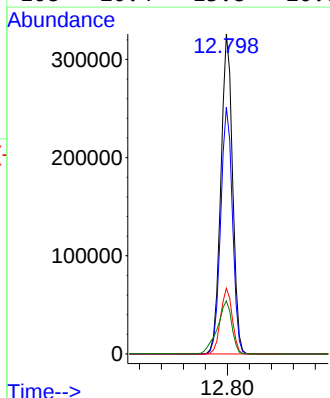
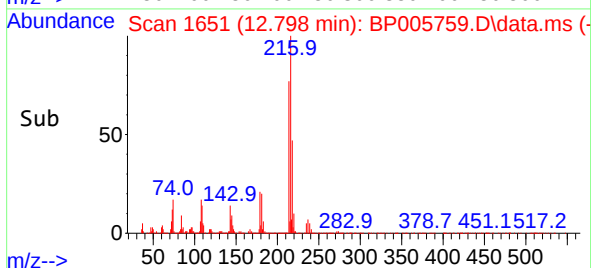
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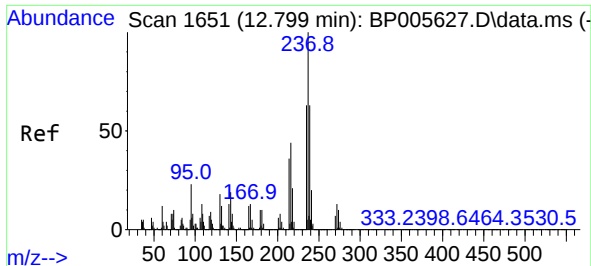


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.604 ng  
RT: 12.798 min Scan# 1651  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



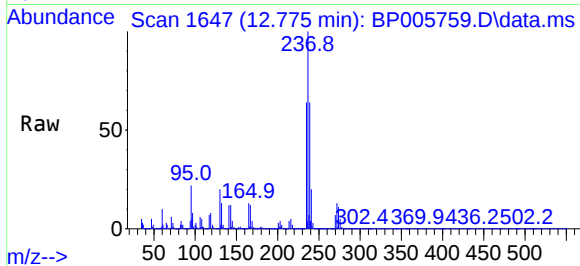
Tgt Ion:216 Resp: 480212  
Ion Ratio Lower Upper  
216 100  
214 77.6 60.6 91.0  
179 20.5 15.3 22.9  
108 20.4 13.8 20.6





#41  
Hexachlorocyclopentadiene  
Concen: 95.769 ng  
RT: 12.775 min Scan# 1647  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

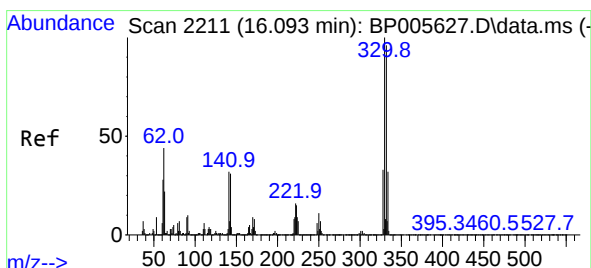
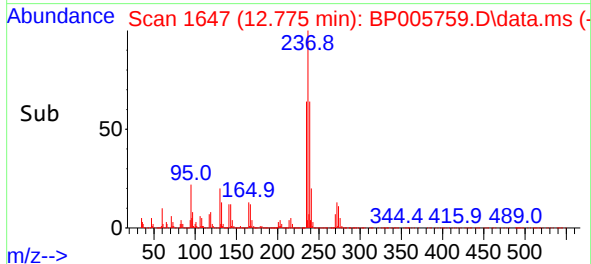
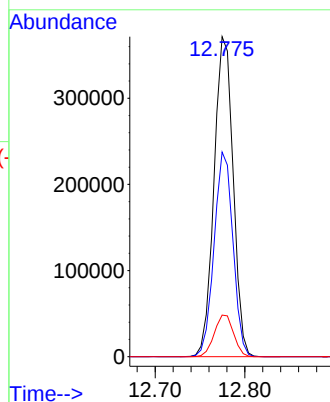


Tgt Ion: 237 Resp: 549381  
Ion Ratio Lower Upper  
237 100  
235 63.9 40.9 80.9  
272 13.0 0.0 34.6

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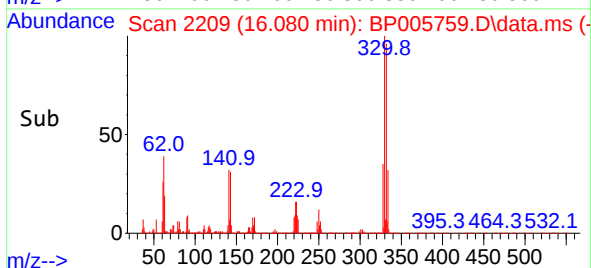
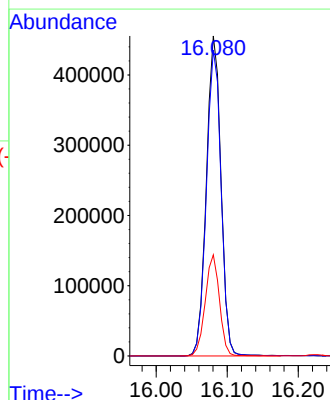
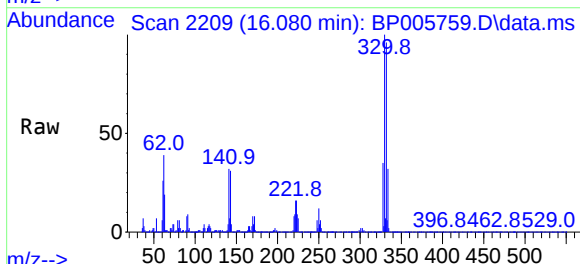
mohammad

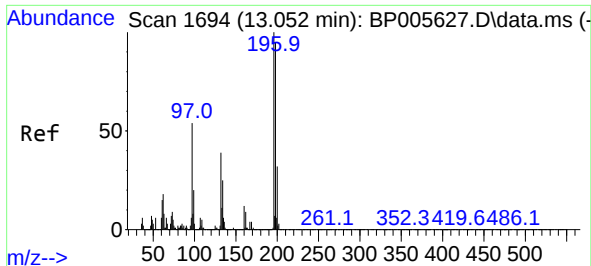
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#42  
2,4,6-Tribromophenol  
Concen: 164.530 ng  
RT: 16.080 min Scan# 2209  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion: 330 Resp: 651681  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.3 114.5  
141 30.8 22.8 34.2





#43  
2,4,6-Trichlorophenol  
Concen: 51.459 ng  
RT: 13.039 min Scan# 1692  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

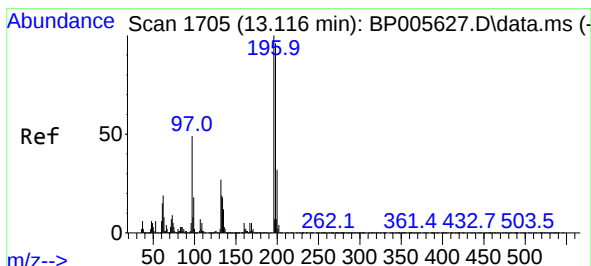
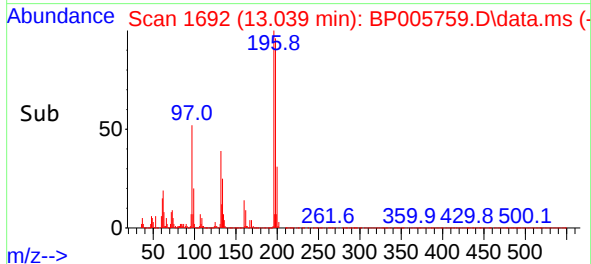
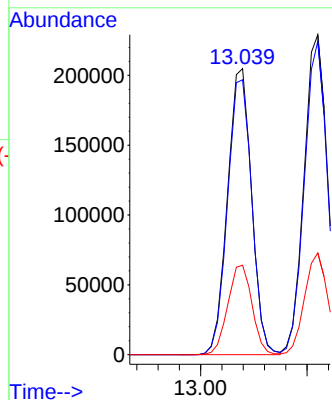
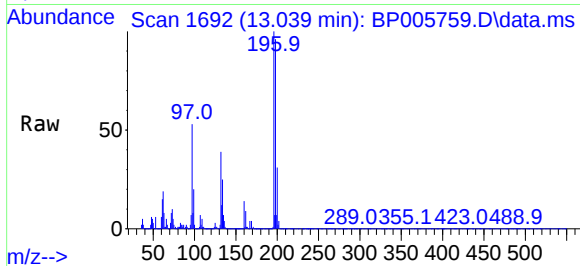
Tgt Ion:196 Resp: 321603  
Ion Ratio Lower Upper  
196 100  
198 96.1 81.4 122.2  
200 31.3 28.2 42.2

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

Manual Integrations  
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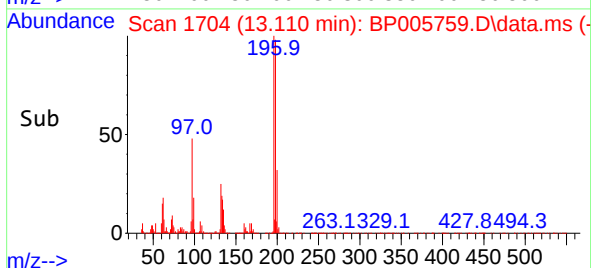
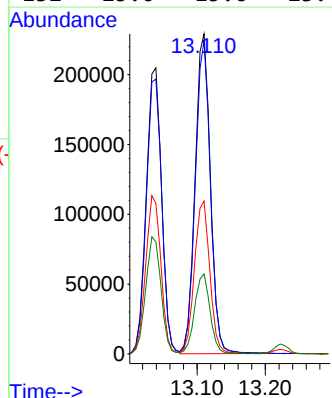
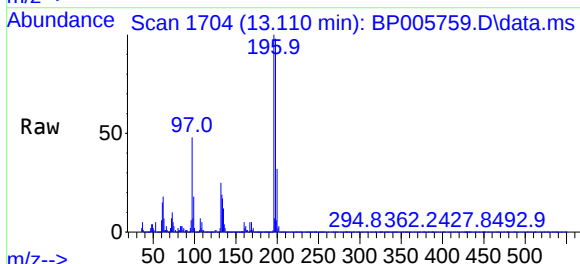
mohammad

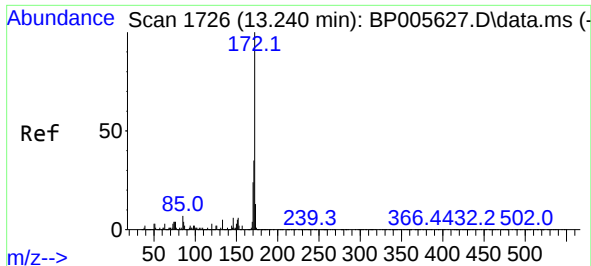
6/8/2021 3:37:29 PM



#44  
2,4,5-Trichlorophenol  
Concen: 52.687 ng  
RT: 13.110 min Scan# 1704  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

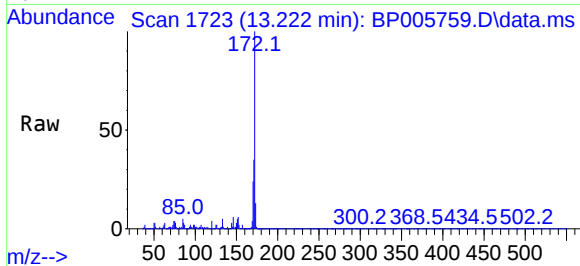
Tgt Ion:196 Resp: 356078  
Ion Ratio Lower Upper  
196 100  
198 98.0 71.0 106.4  
97 47.8 38.5 57.7  
132 25.0 15.6 23.4#





#45  
2-Fluorobiphenyl  
Concen: 81.593 ng  
RT: 13.222 min Scan# 1723  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

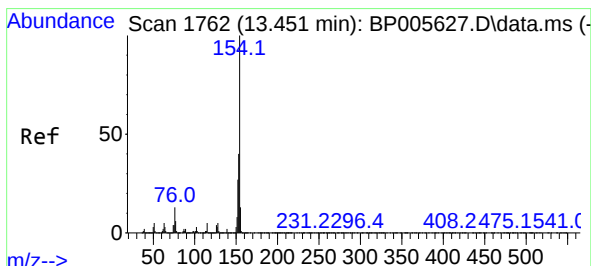
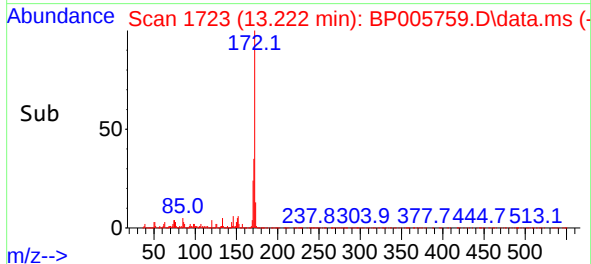
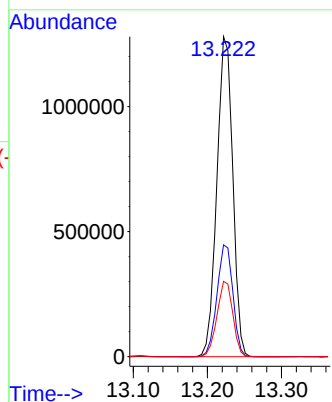


Tgt Ion:172 Resp: 1904382  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.1 42.1  
170 23.5 19.6 29.4

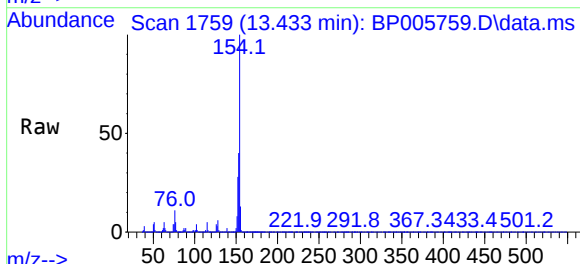
Manual Integrations  
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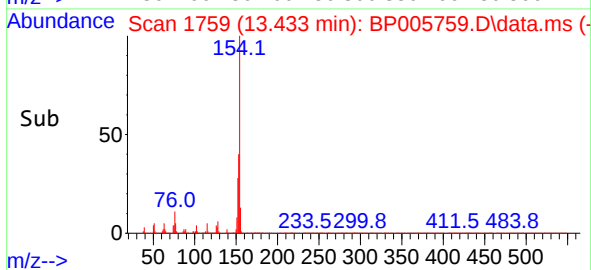
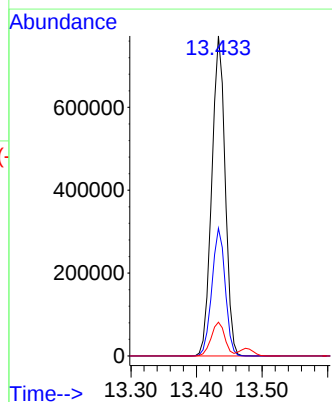
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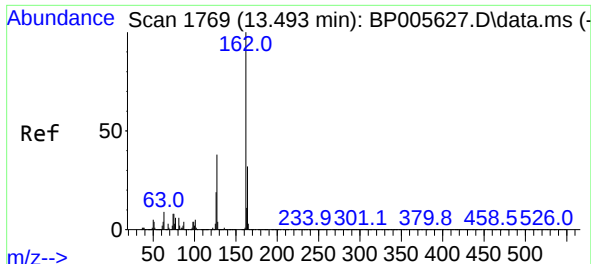


#46  
1,1'-Biphenyl  
Concen: 43.667 ng  
RT: 13.433 min Scan# 1759  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



Tgt Ion:154 Resp: 1095224  
Ion Ratio Lower Upper  
154 100  
153 39.9 18.9 58.9  
76 10.6 0.0 32.1





#47  
2-Chloronaphthalene  
Concen: 41.449 ng  
RT: 13.475 min Scan# 1766  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

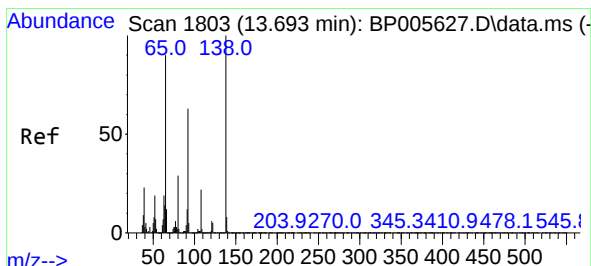
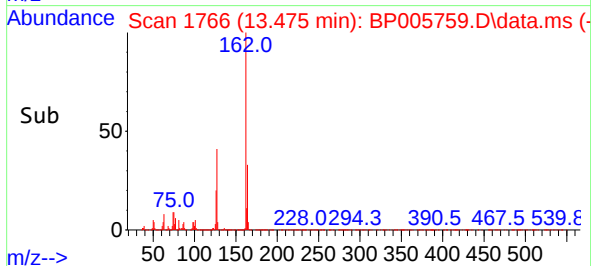
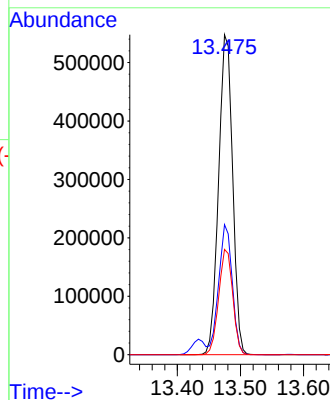
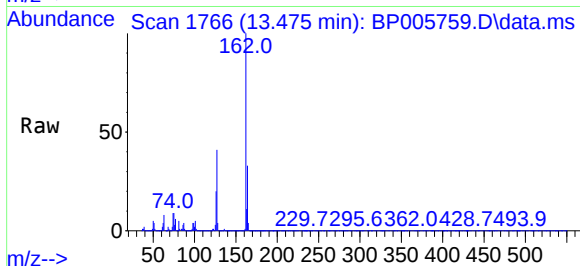
Tgt Ion:162 Resp: 845035  
Ion Ratio Lower Upper  
162 100  
127 40.6 31.4 47.0  
164 32.9 26.6 39.8

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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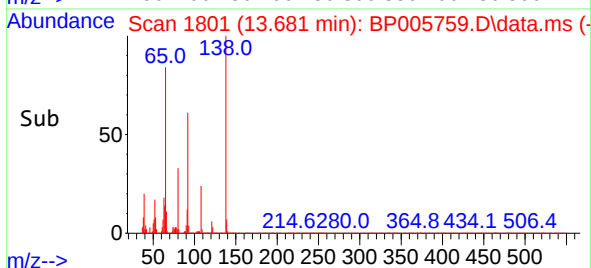
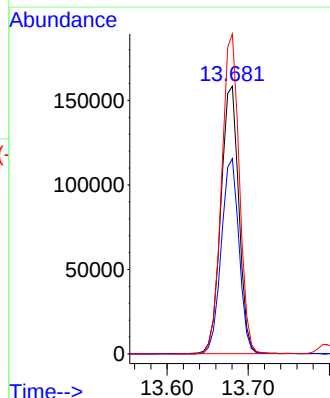
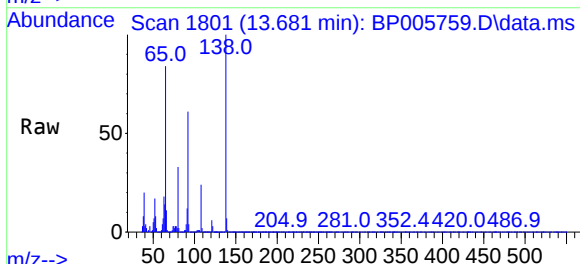
mohammad

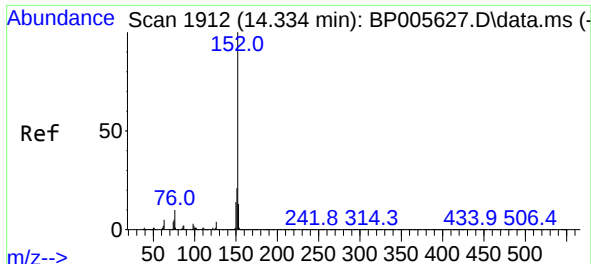
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#48  
2-Nitroaniline  
Concen: 50.189 ng  
RT: 13.681 min Scan# 1801  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

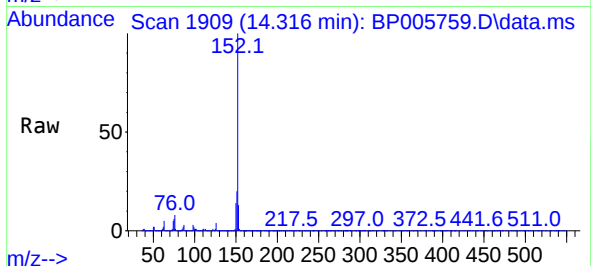
Tgt Ion: 65 Resp: 243989  
Ion Ratio Lower Upper  
65 100  
92 73.0 48.8 73.2  
138 119.5 69.5 104.3#





#49  
Acenaphthylene  
Concen: 41.763 ng  
RT: 14.316 min Scan# 1909  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

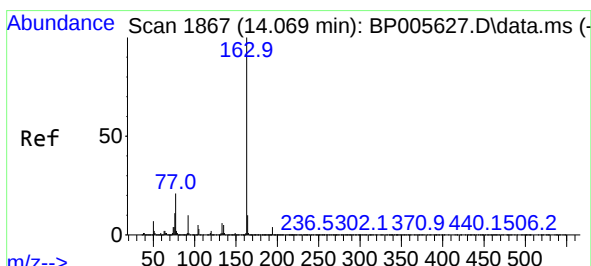
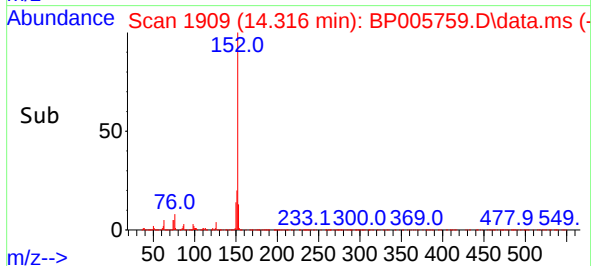
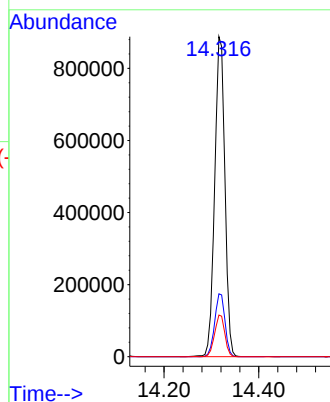


Tgt Ion:152 Resp: 1327155  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.8 23.6  
153 13.0 10.5 15.7

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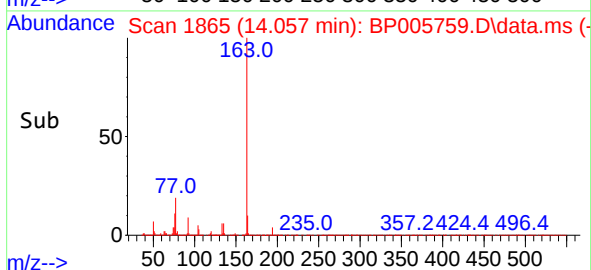
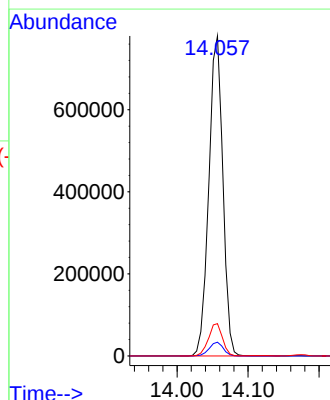
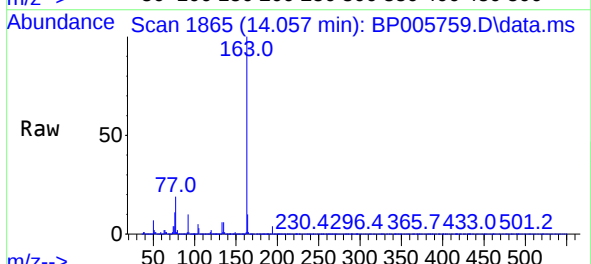
mohammad

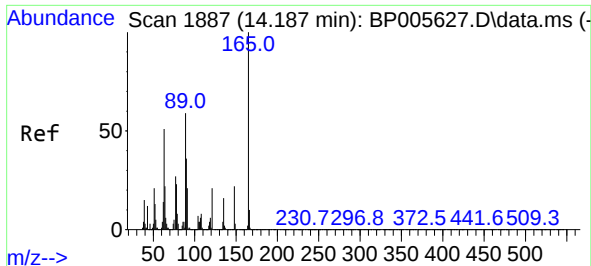
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#50  
Dimethylphthalate  
Concen: 43.605 ng  
RT: 14.057 min Scan# 1865  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

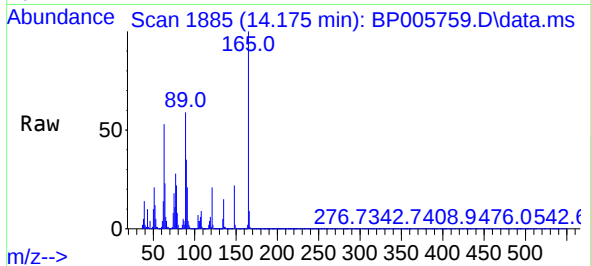
Tgt Ion:163 Resp: 1071330  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.9 5.9  
164 10.1 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 44.463 ng  
RT: 14.175 min Scan# 1885  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

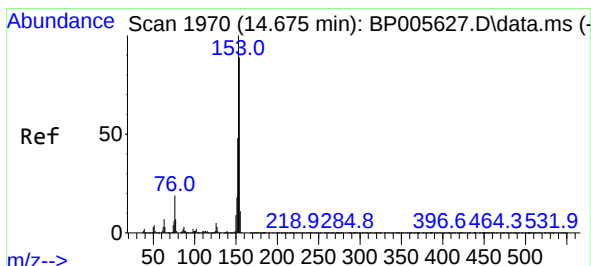
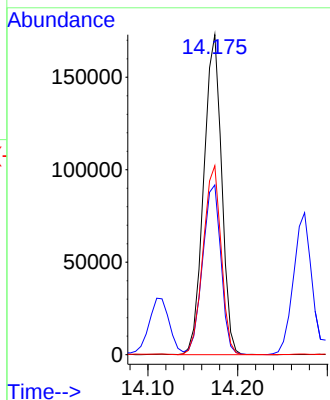
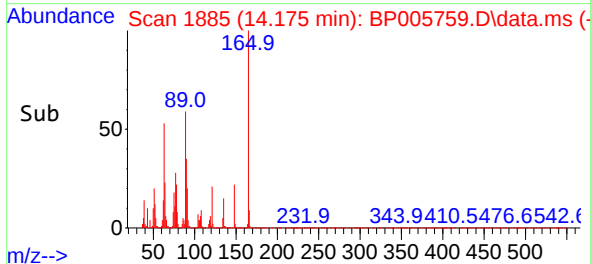


Tgt Ion:165 Resp: 239015  
Ion Ratio Lower Upper  
165 100  
63 53.1 67.4 101.0#  
89 59.0 73.8 110.6#

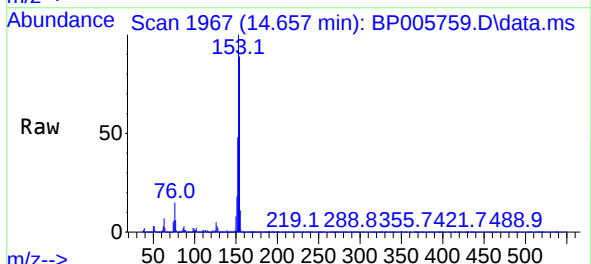
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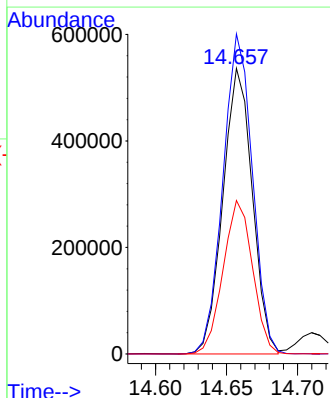
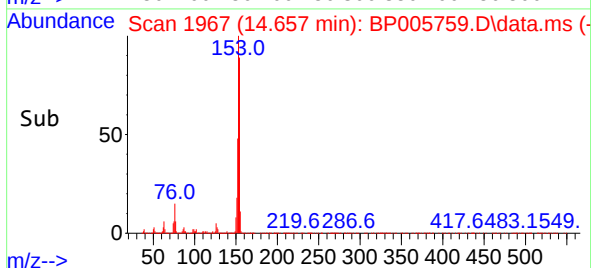
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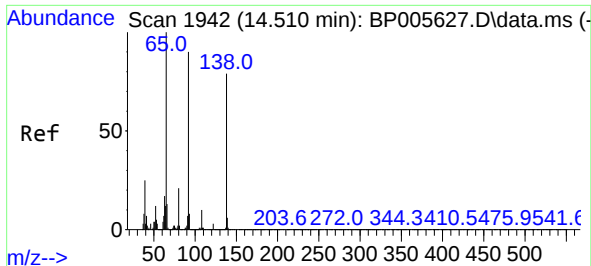


#52  
Acenaphthene  
Concen: 37.451 ng  
RT: 14.657 min Scan# 1967  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



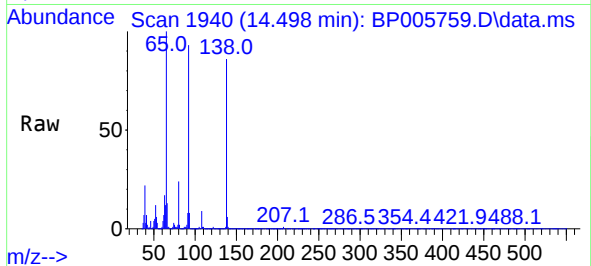
Tgt Ion:154 Resp: 773636  
Ion Ratio Lower Upper  
154 100  
153 112.1 90.9 136.3  
152 53.8 48.5 72.7





#53  
3-Nitroaniline  
Concen: 26.373 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

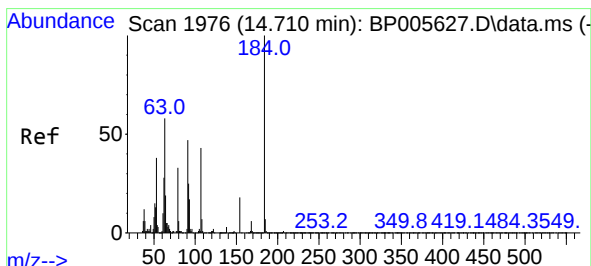
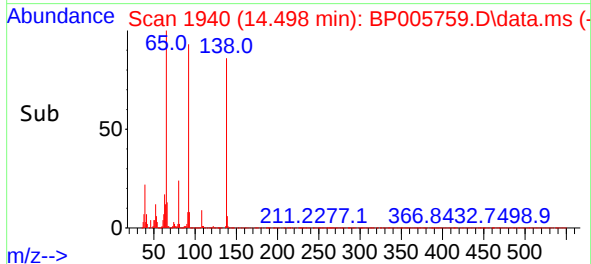
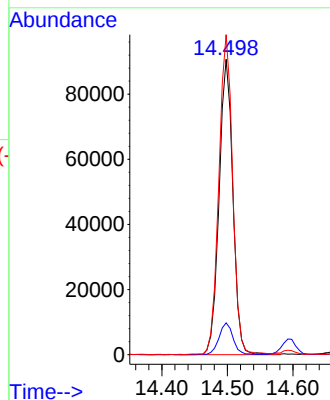


Tgt Ion:138 Resp: 131997  
Ion Ratio Lower Upper  
138 100  
108 10.8 10.2 15.4  
92 108.3 108.1 162.1

Manual Integrations  
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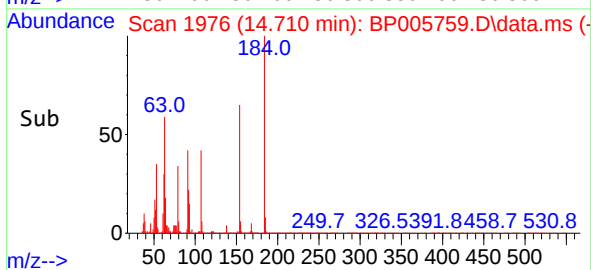
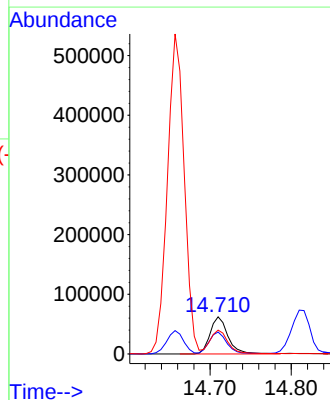
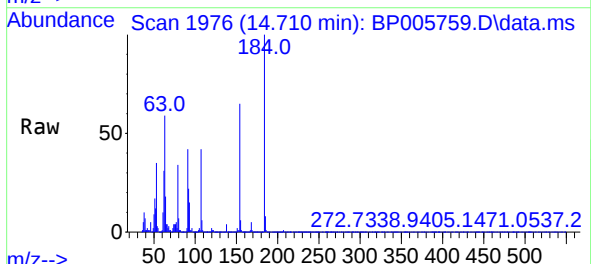
mohammad

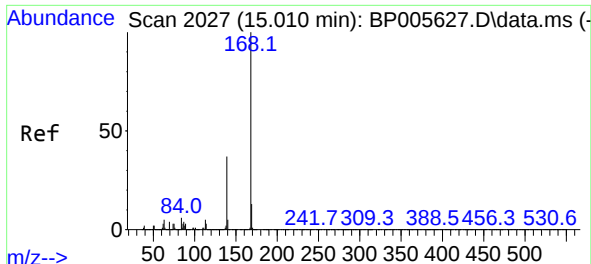
6/8/2021 3:37:29 PM



#54  
2,4-Dinitrophenol  
Concen: 45.526 ng  
RT: 14.710 min Scan# 1976  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

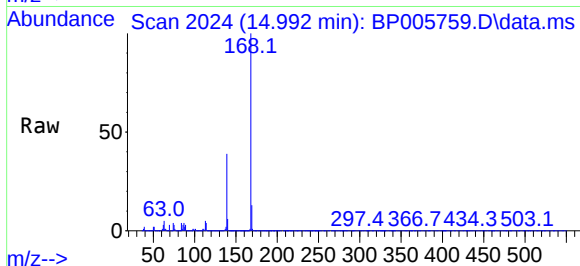
Tgt Ion:184 Resp: 95500  
Ion Ratio Lower Upper  
184 100  
63 59.2 51.2 76.8  
154 64.5 55.8 83.8





#55  
Dibenzofuran  
Concen: 39.342 ng  
RT: 14.992 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

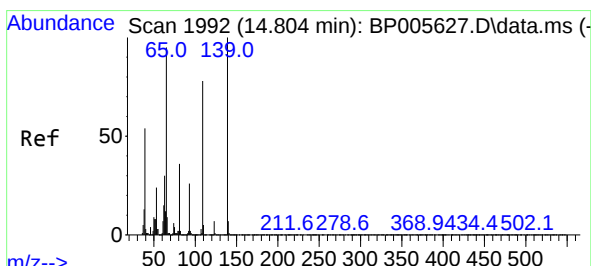
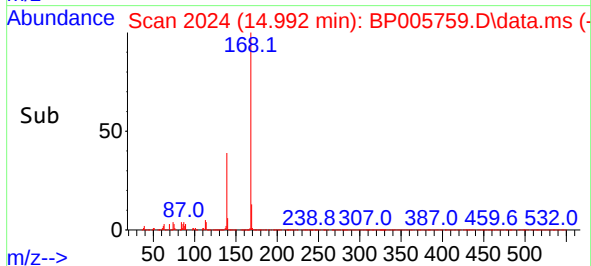
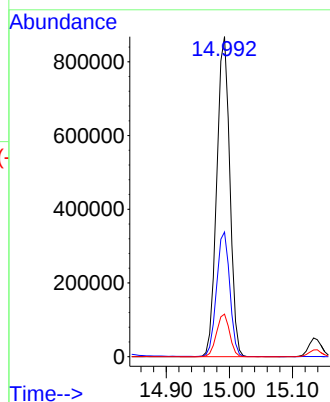


Tgt Ion:168 Resp: 1245697  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.4 47.0  
169 13.3 11.4 17.0

Manual Integrations  
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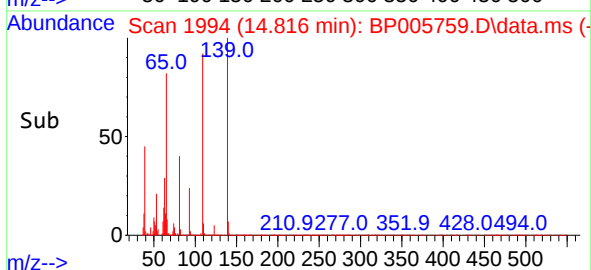
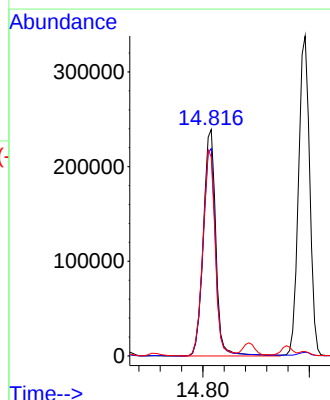
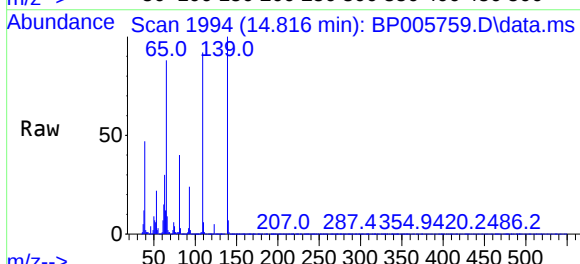
mohammad

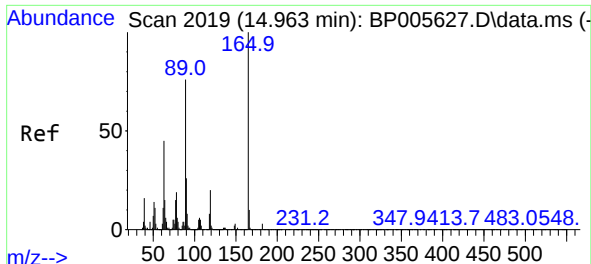
6/8/2021 3:37:29 PM



#56  
4-Nitrophenol  
Concen: 84.751 ng  
RT: 14.816 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

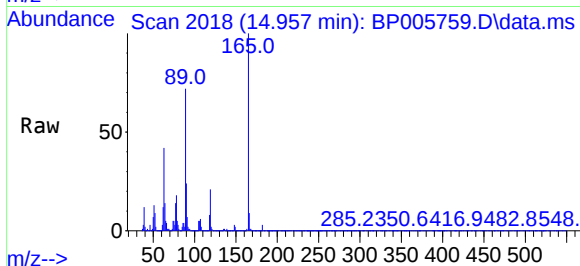
Tgt Ion:139 Resp: 389475  
Ion Ratio Lower Upper  
139 100  
109 91.5 122.8 162.8#  
65 87.8 110.0 150.0#





#57  
2,4-Dinitrotoluene  
Concen: 48.355 ng  
RT: 14.957 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

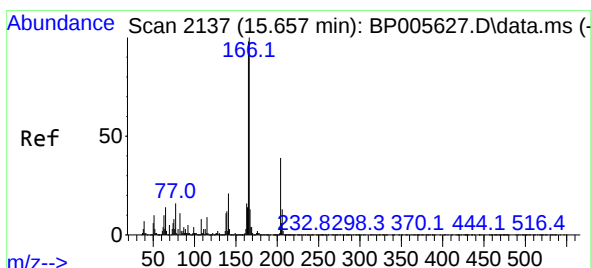
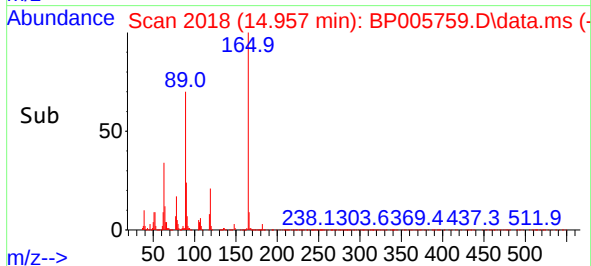
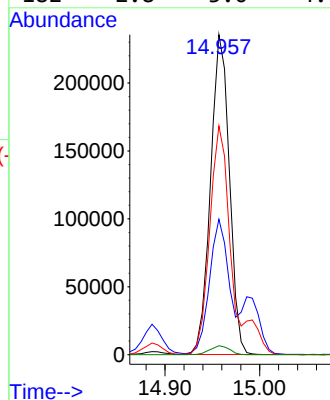


Tgt Ion:165 Resp: 324841  
Ion Ratio Lower Upper  
165 100  
63 42.3 56.7 85.1#  
89 71.5 85.8 128.6#  
182 2.8 3.0 4.6#

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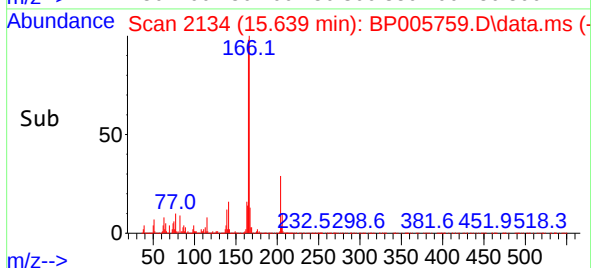
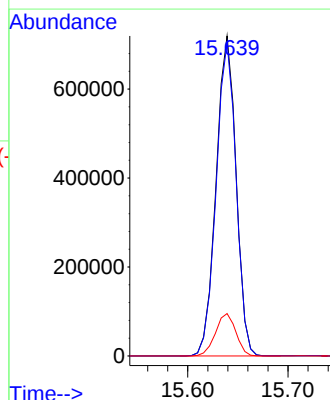
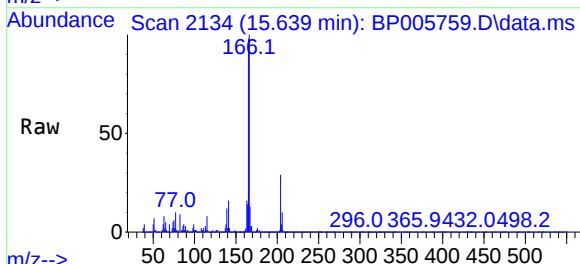
mohammad

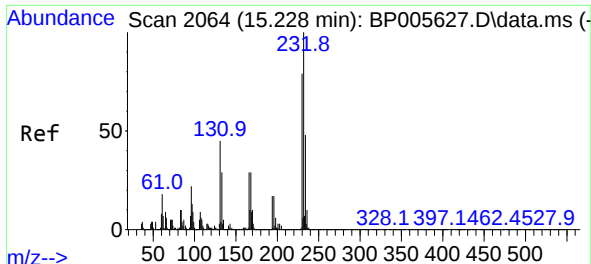
6/8/2021 3:37:29 PM



#58  
Fluorene  
Concen: 39.309 ng  
RT: 15.639 min Scan# 2134  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion:166 Resp: 995124  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.8 118.2  
167 13.3 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.716 ng m  
RT: 15.216 min Scan# 2062  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

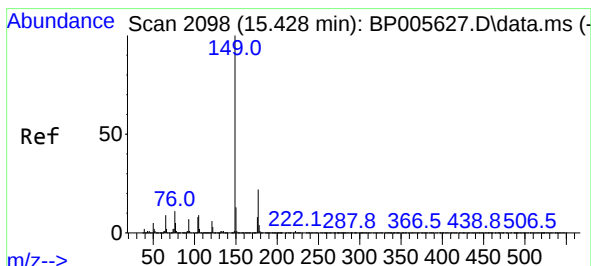
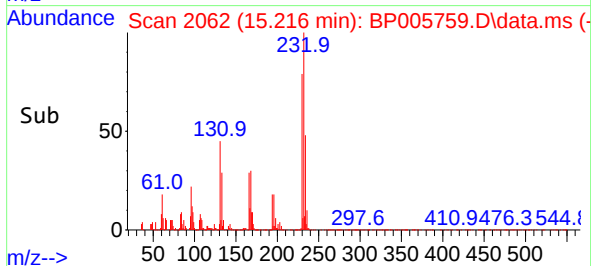
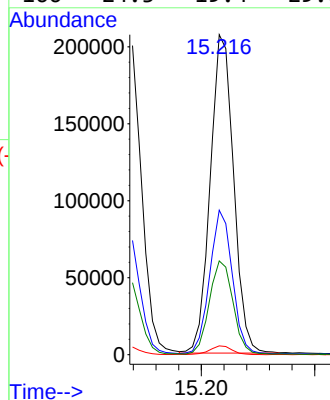
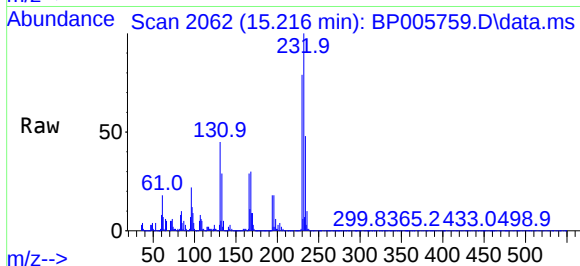
Tgt Ion:232 Resp: 296554  
Ion Ratio Lower Upper  
232 100  
131 39.3 26.5 39.7  
130 2.5 2.1 3.1  
166 24.3 19.4 29.0

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

Manual Integrations  
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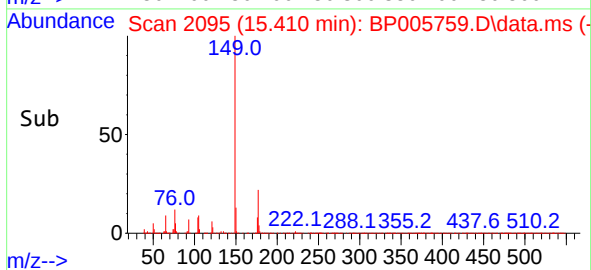
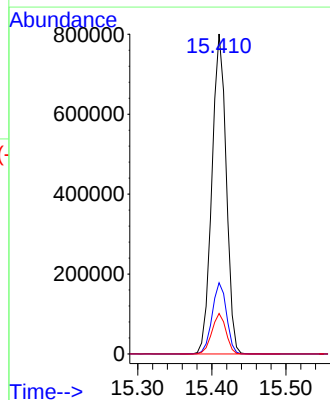
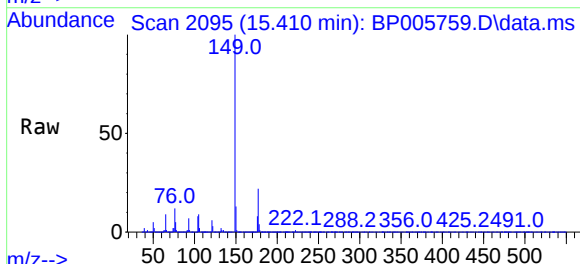
mohammad

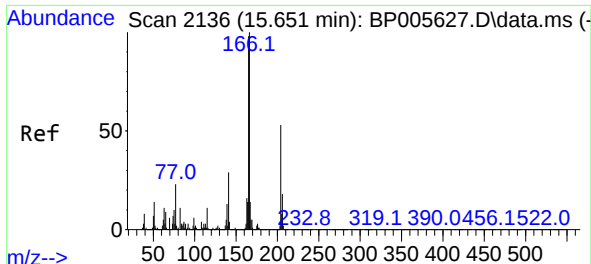
6/8/2021 3:37:29 PM



#60  
Diethylphthalate  
Concen: 43.511 ng  
RT: 15.410 min Scan# 2095  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion:149 Resp: 1072596  
Ion Ratio Lower Upper  
149 100  
177 22.3 19.2 28.8  
150 12.7 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 41.033 ng  
RT: 15.627 min Scan# 2132  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

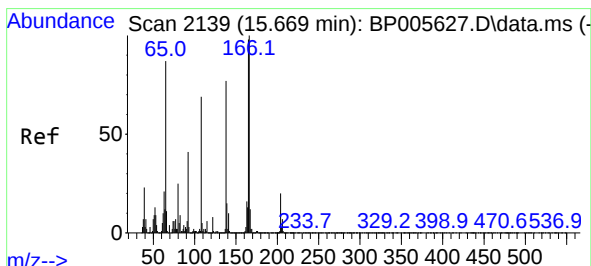
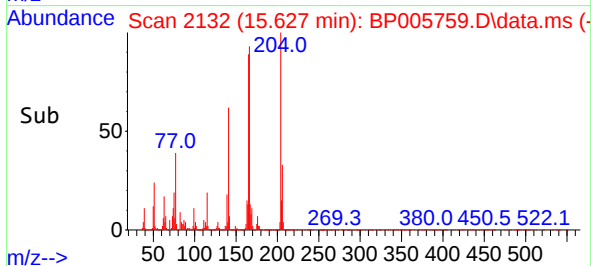
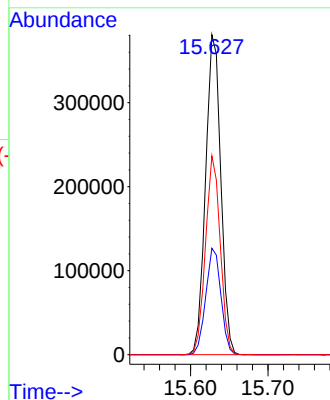
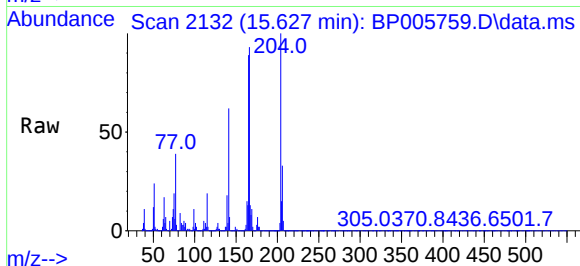
Tgt Ion:204 Resp: 519331  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.0 39.0  
141 62.2 44.2 66.2

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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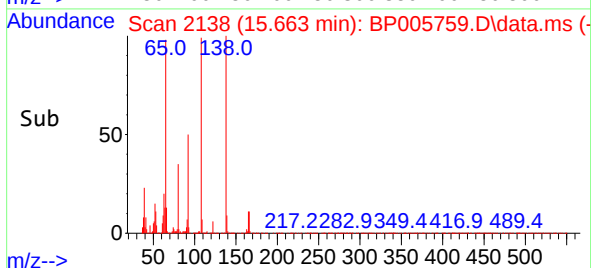
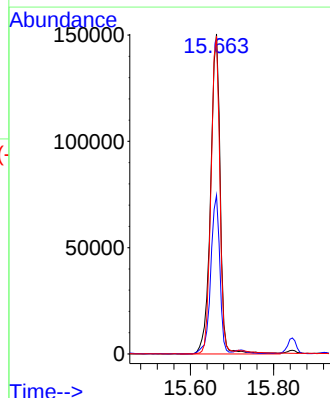
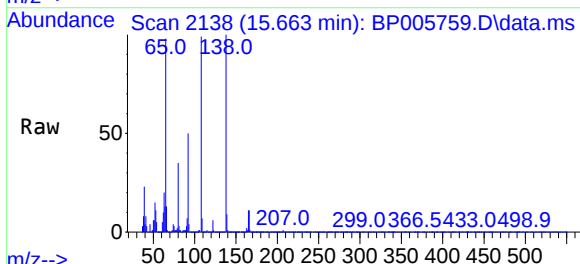
mohammad

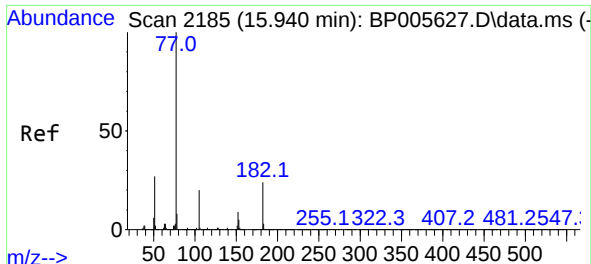
6/8/2021 3:37:29 PM



#62  
4-Nitroaniline  
Concen: 43.394 ng  
RT: 15.663 min Scan# 2138  
Delta R.T. -0.000 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

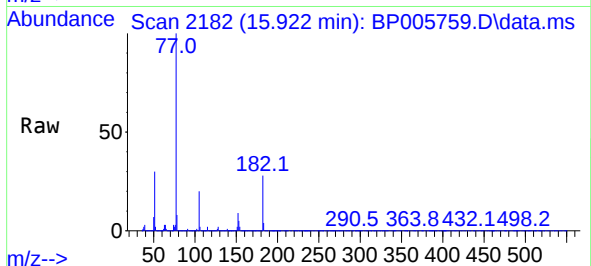
Tgt Ion:138 Resp: 242012  
Ion Ratio Lower Upper  
138 100  
92 49.6 50.9 90.9#  
108 99.3 154.7 194.7#





#63  
Azobenzene  
Concen: 35.815 ng  
RT: 15.922 min Scan# 2182  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS



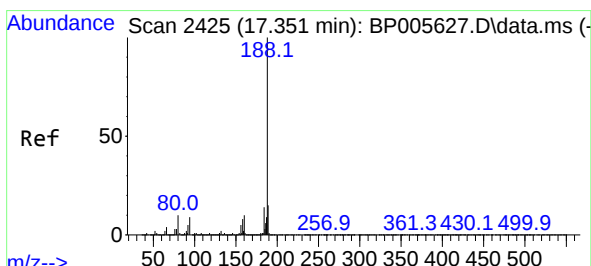
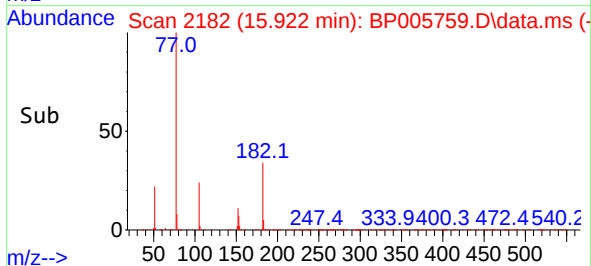
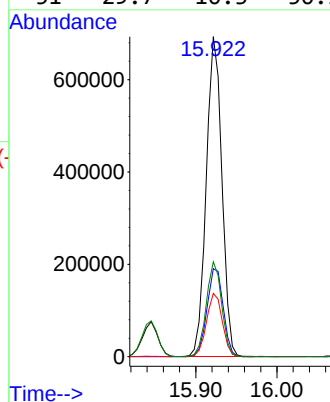
Tgt Ion: 77 Resp: 924540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.5  | 5.5   | 45.5  |
| 105 | 19.8  | 0.0   | 36.5  |
| 51  | 29.7  | 10.3  | 50.3  |

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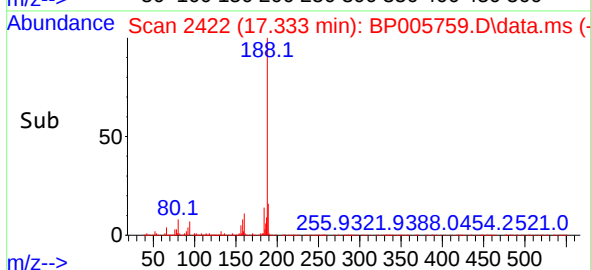
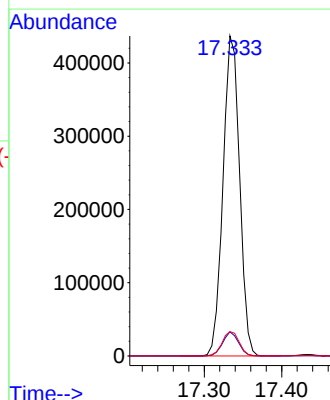
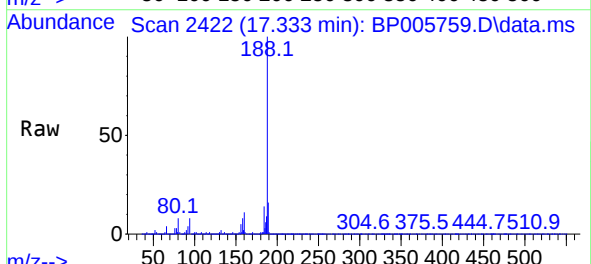
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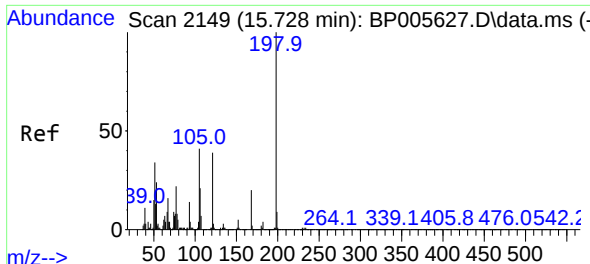


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.333 min Scan# 2422  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion: 188 Resp: 650065

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.5   | 5.0   | 7.6   |
| 80  | 7.6   | 5.9   | 8.9   |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.064 ng  
RT: 15.722 min Scan# 2148  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

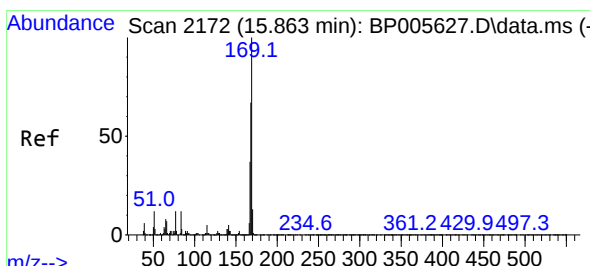
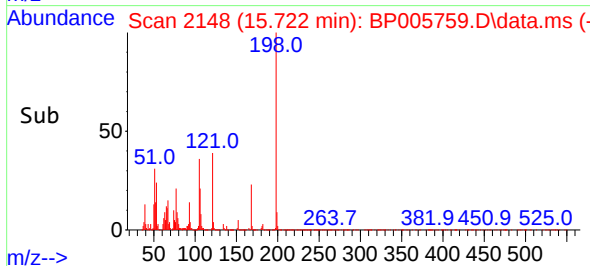
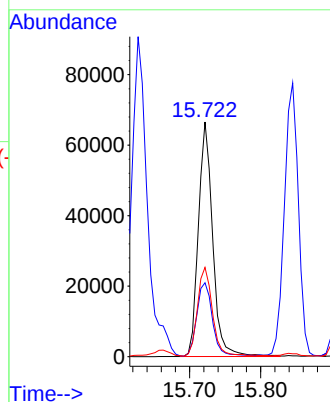
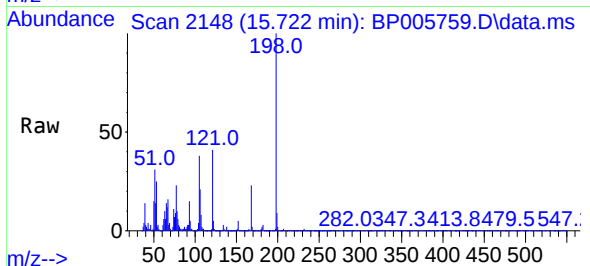
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 93749 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 31.5  | 10.3  | 50.3  |
| 105       | 38.1  | 13.6  | 53.6  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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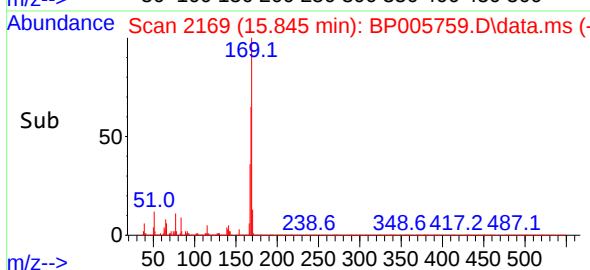
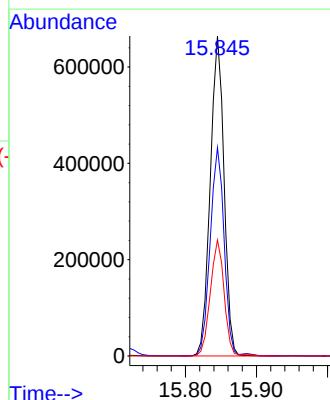
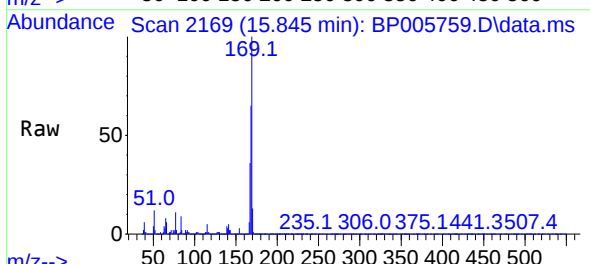
mohammad

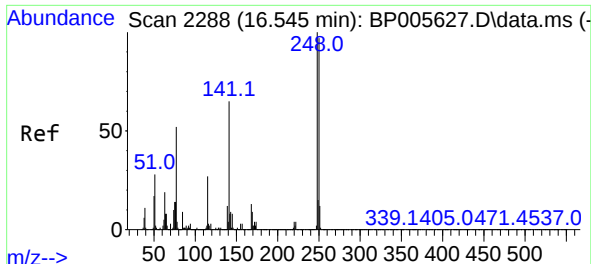
6/8/2021 3:37:29 PM



#66  
n-Nitrosodiphenylamine  
Concen: 40.388 ng  
RT: 15.845 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

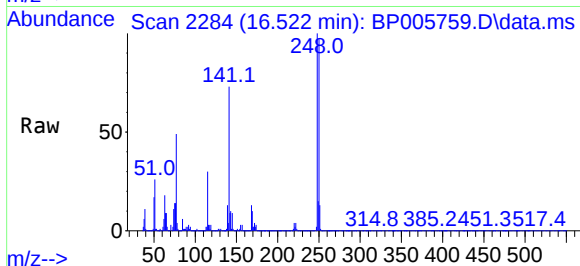
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 894618 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 65.1  | 55.2  | 82.8   |
| 167       | 36.3  | 36.6  | 54.8#  |





#67  
4-Bromophenyl-phenylether  
Concen: 45.032 ng  
RT: 16.522 min Scan# 2284  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

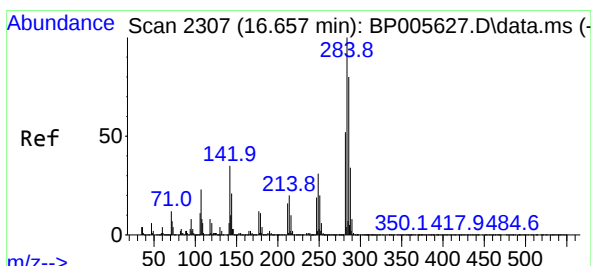
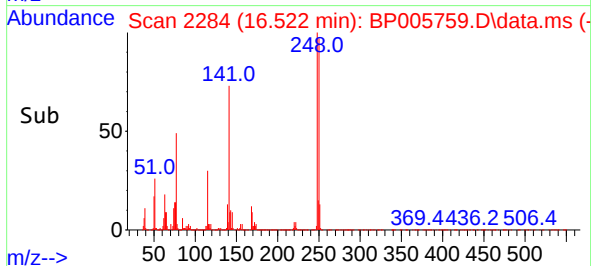
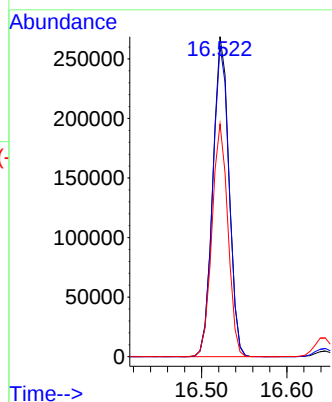


Tgt Ion:248 Resp: 352651  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.5 116.3  
141 72.7 50.1 75.1

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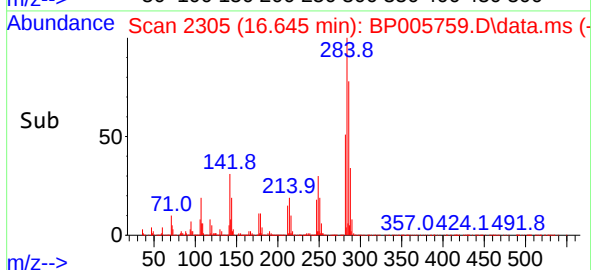
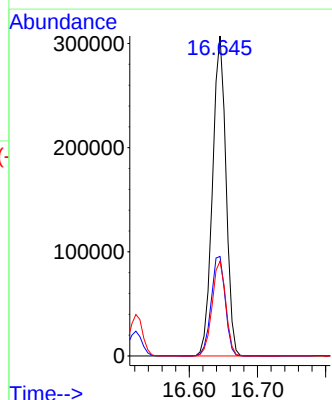
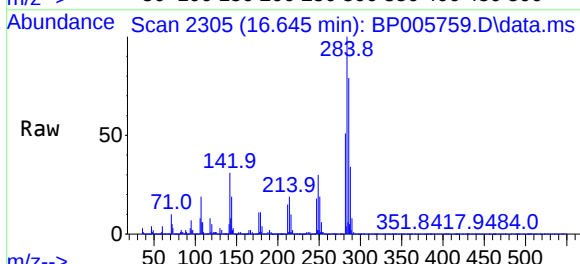
mohammad

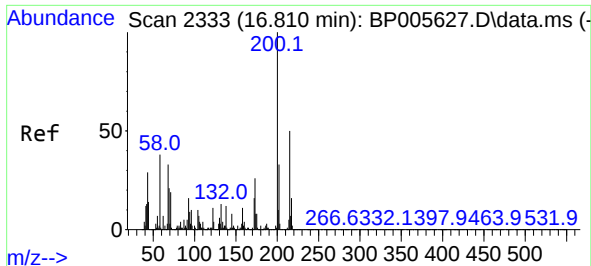
6/8/2021 3:37:29 PM



#68  
Hexachlorobenzene  
Concen: 45.239 ng  
RT: 16.645 min Scan# 2305  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

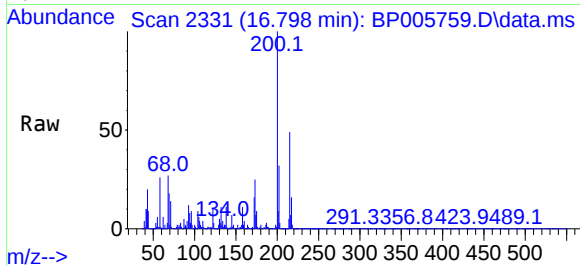
Tgt Ion:284 Resp: 421834  
Ion Ratio Lower Upper  
284 100  
142 31.1 20.8 31.2  
249 29.6 23.7 35.5





#69  
Atrazine  
Concen: 55.841 ng  
RT: 16.798 min Scan# 2331  
Delta R.T. -0.006 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

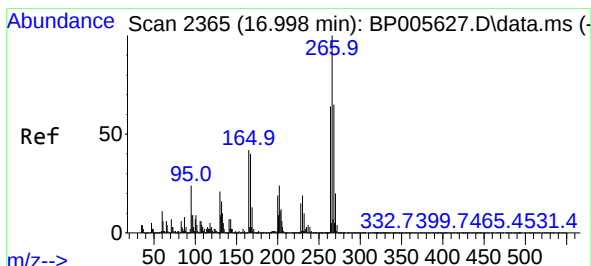
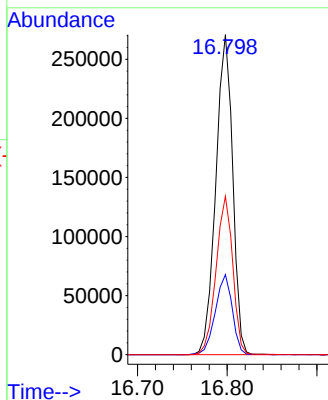
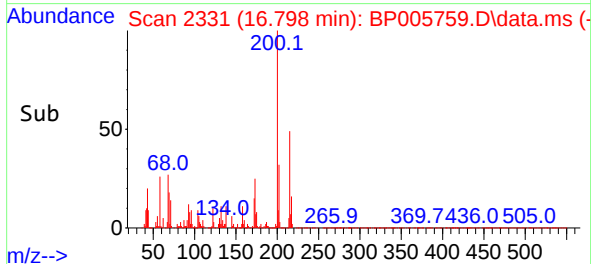


Tgt Ion:200 Resp: 353489  
Ion Ratio Lower Upper  
200 100  
173 25.0 0.7 40.7  
215 49.5 29.0 69.0

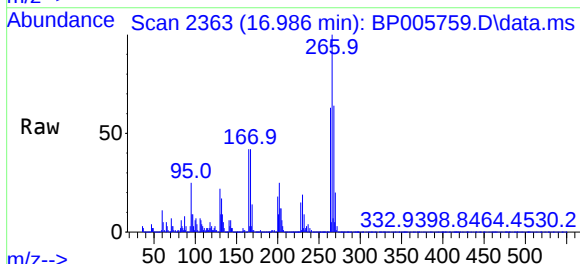
Manual Integrations  
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mohammad

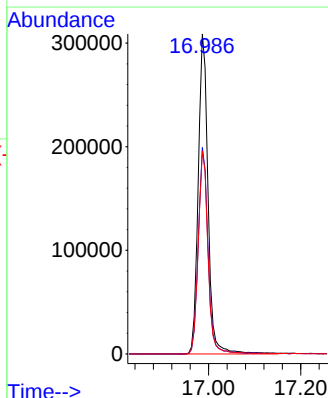
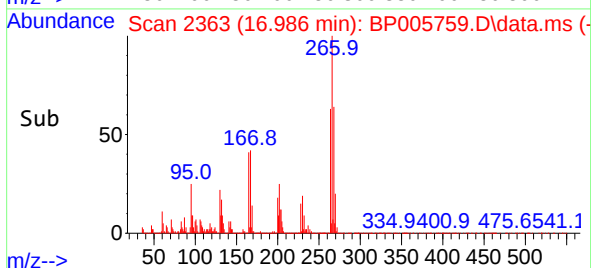
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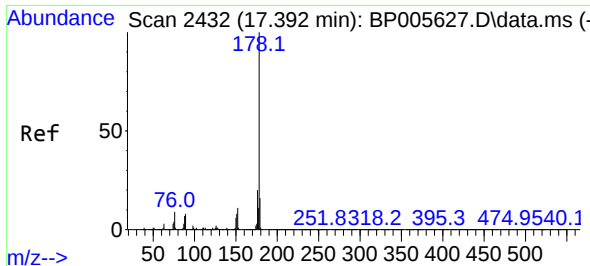


#70  
Pentachlorophenol  
Concen: 97.818 ng  
RT: 16.986 min Scan# 2363  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



Tgt Ion:266 Resp: 457458  
Ion Ratio Lower Upper  
266 100  
268 64.5 49.4 74.0  
264 63.4 53.7 80.5





#71  
Phenanthrene  
Concen: 39.725 ng  
RT: 17.380 min Scan# 2430  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

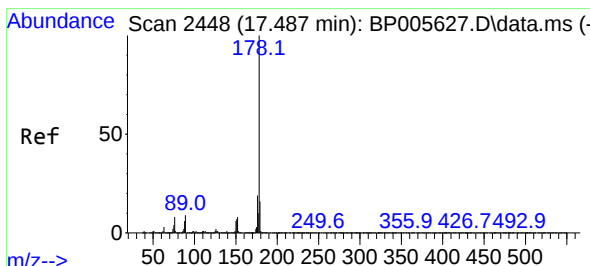
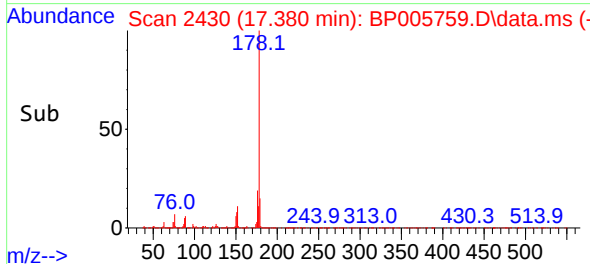
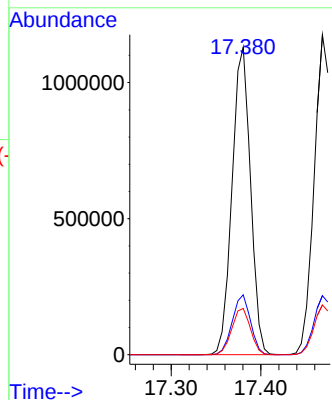
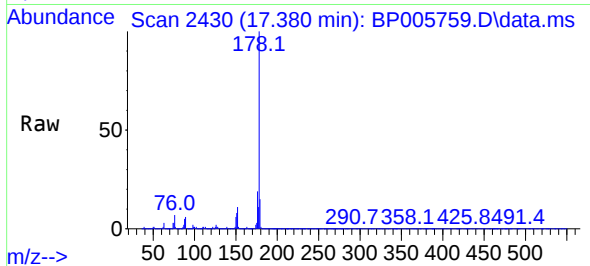
Tgt Ion:178 Resp: 1608826  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 15.0 12.3 18.5

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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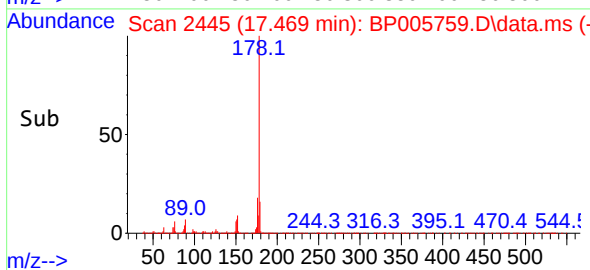
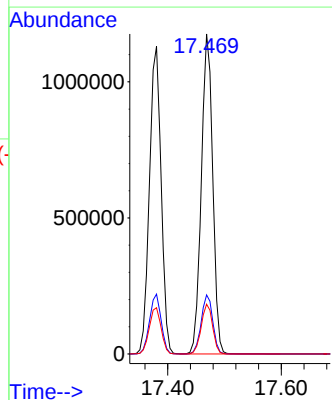
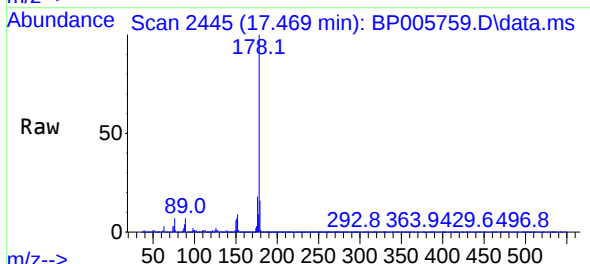
mohammad

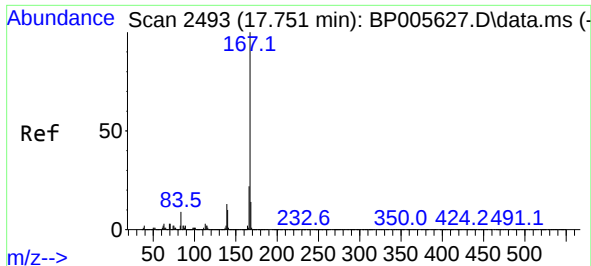
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#72  
Anthracene  
Concen: 40.914 ng  
RT: 17.469 min Scan# 2445  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

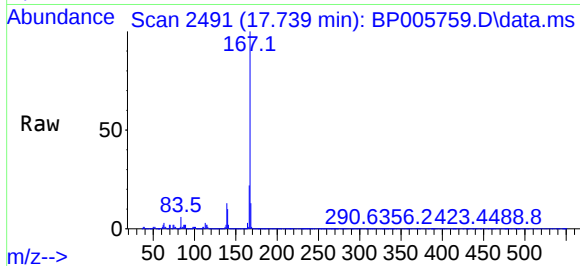
Tgt Ion:178 Resp: 1636089  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.2 22.8  
179 15.6 12.6 19.0





#73  
 Carbazole  
 Concen: 37.502 ng  
 RT: 17.739 min Scan# 2491  
 Delta R.T. -0.006 min  
 Lab File: BP005759.D  
 Acq: 08 Jun 2021 02:28

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136884BS



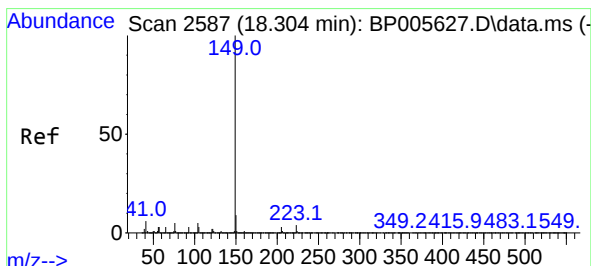
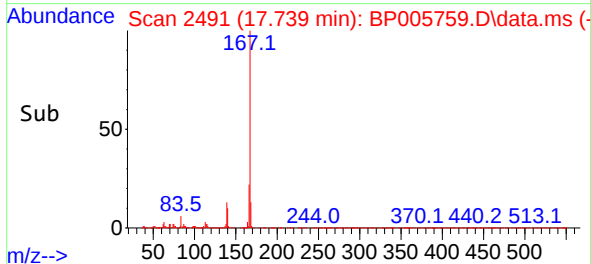
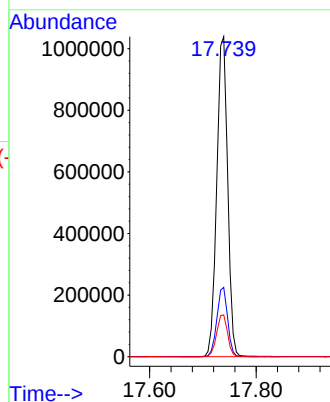
Tgt Ion:167 Resp: 1475920

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.7  | 17.4  | 26.0  |
| 139 | 13.0  | 10.4  | 15.6  |

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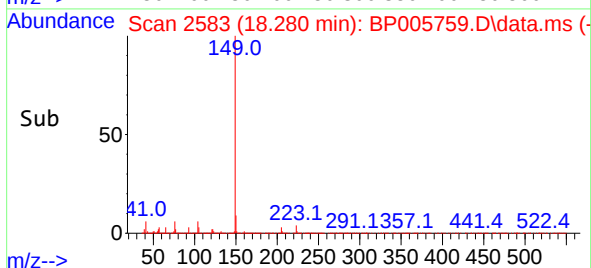
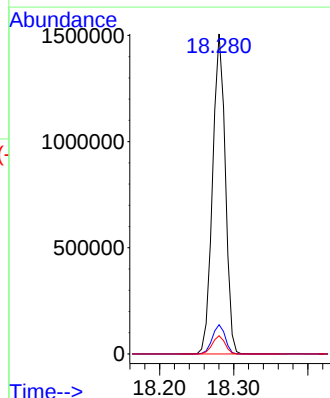
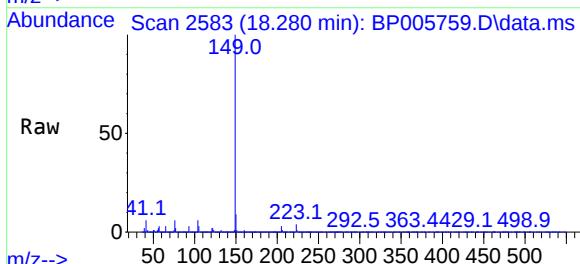
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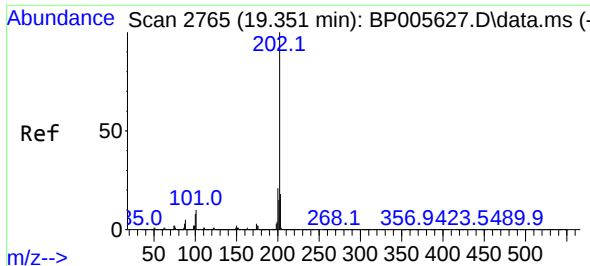


#74  
 Di-n-butylphthalate  
 Concen: 42.543 ng  
 RT: 18.280 min Scan# 2583  
 Delta R.T. -0.012 min  
 Lab File: BP005759.D  
 Acq: 08 Jun 2021 02:28

Tgt Ion:149 Resp: 1793003

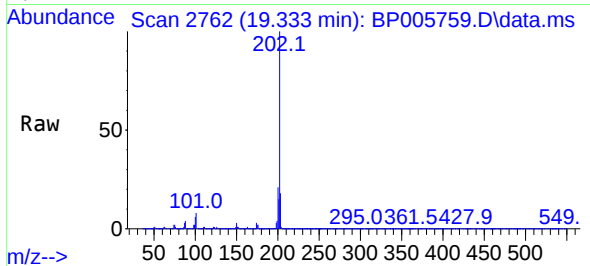
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.6   | 11.4  |
| 104 | 5.7   | 8.9   | 13.3  |





#75  
Fluoranthene  
Concen: 38.920 ng  
RT: 19.333 min Scan# 2762  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

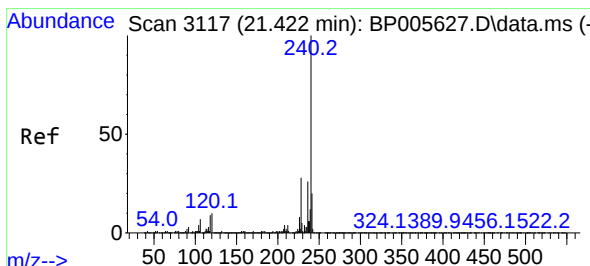
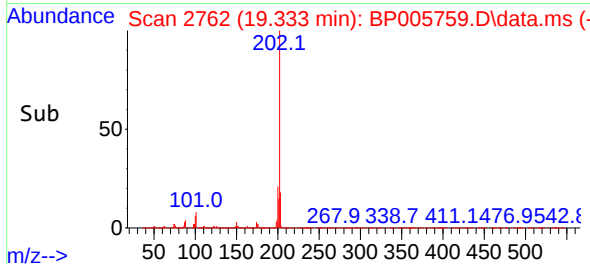
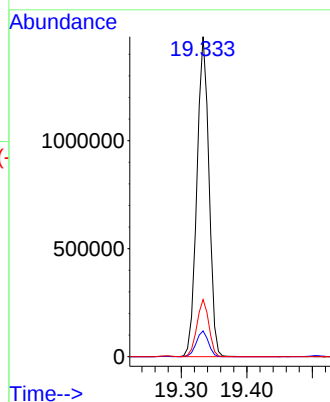


Tgt Ion:202 Resp: 1892100  
Ion Ratio Lower Upper  
202 100  
101 8.0 0.0 26.1  
203 17.8 0.0 37.2

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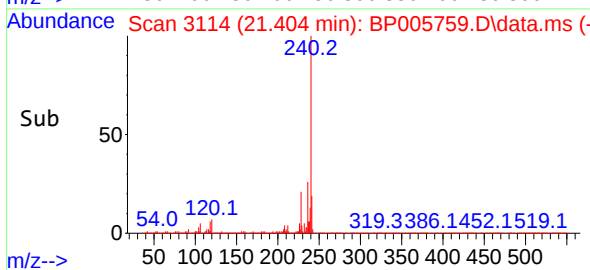
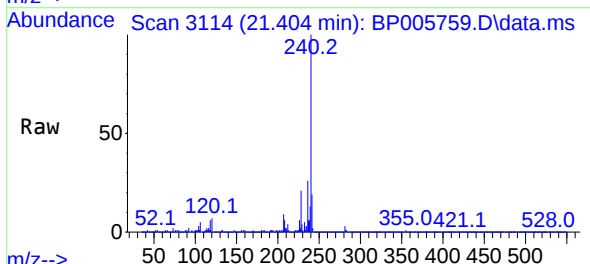
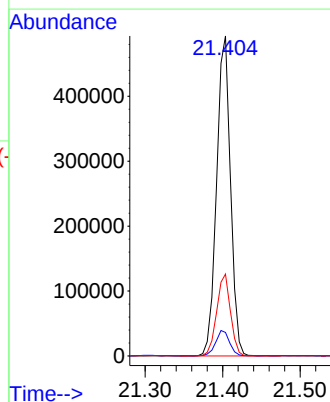
mohammad

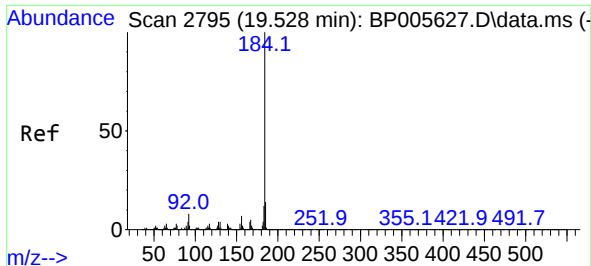
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.404 min Scan# 3114  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

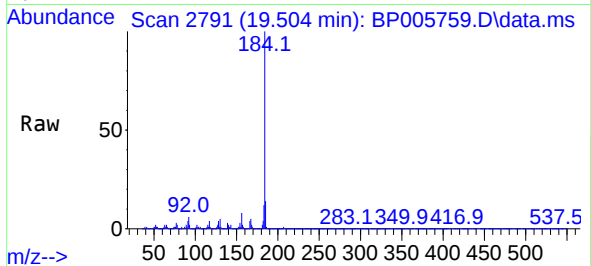
Tgt Ion:240 Resp: 612548  
Ion Ratio Lower Upper  
240 100  
120 7.3 4.2 6.2#  
236 25.6 20.2 30.2





#77  
Benzidine  
Concen: 70.554 ng  
RT: 19.504 min Scan# 2791  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

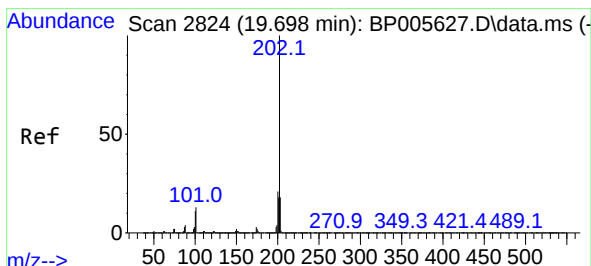
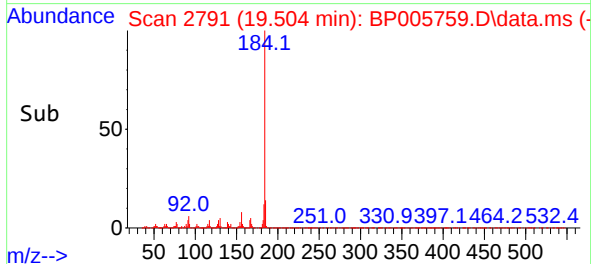
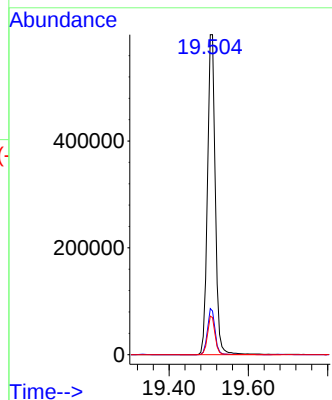


Tgt Ion:184 Resp: 820756  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.1 16.7  
183 12.1 9.8 14.8

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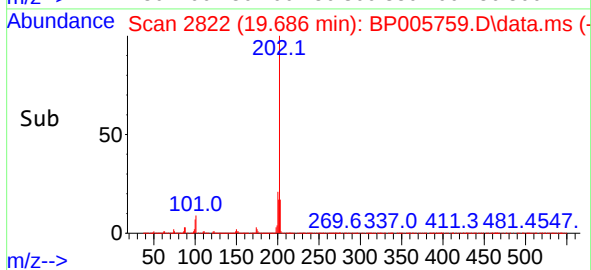
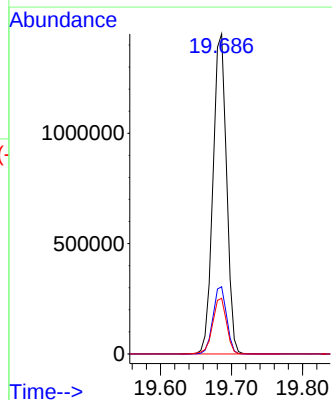
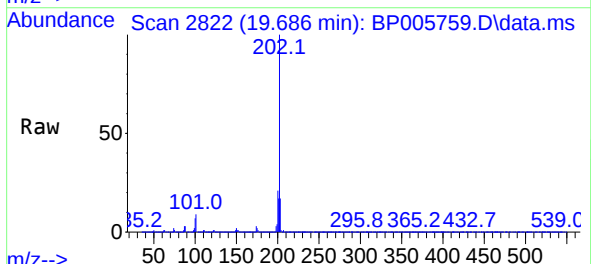
mohammad

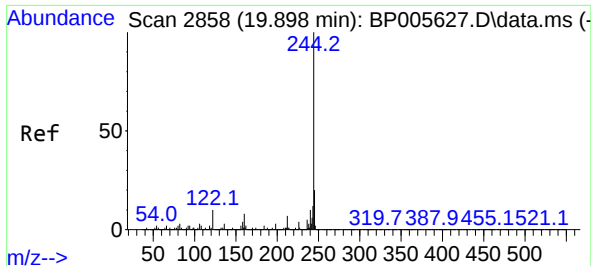
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#78  
Pyrene  
Concen: 44.569 ng  
RT: 19.686 min Scan# 2822  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion:202 Resp: 1926357  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.9 25.3  
203 17.4 13.8 20.6





#79  
Terphenyl-d14  
Concen: 86.973 ng  
RT: 19.874 min Scan# 2854  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

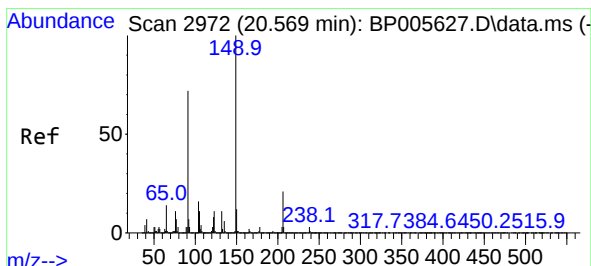
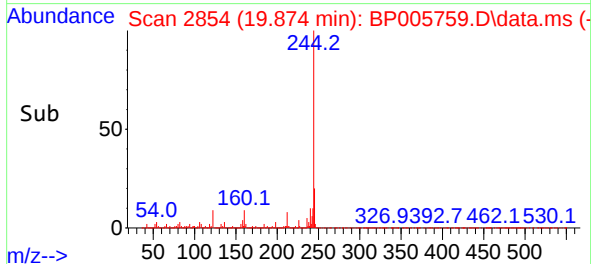
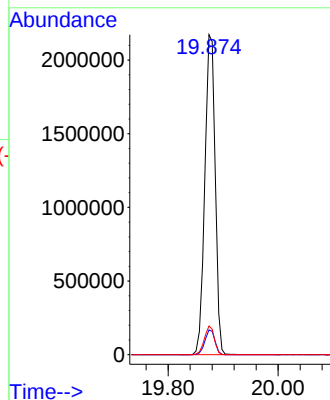
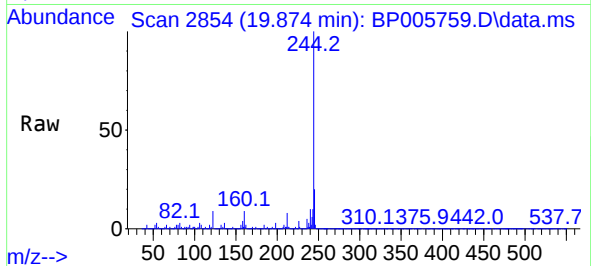
Tgt Ion:244 Resp: 2839145  
Ion Ratio Lower Upper  
244 100  
212 7.8 5.8 8.6  
122 8.9 5.2 7.8#

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

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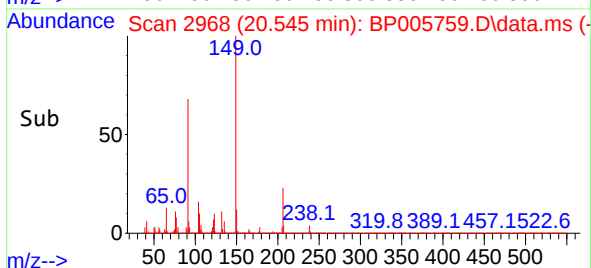
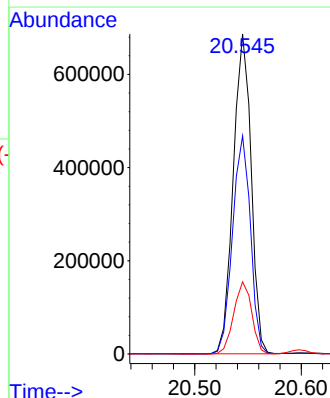
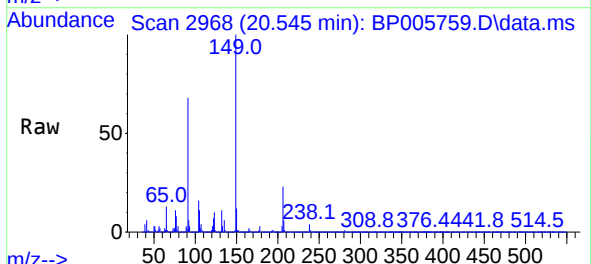
mohammad

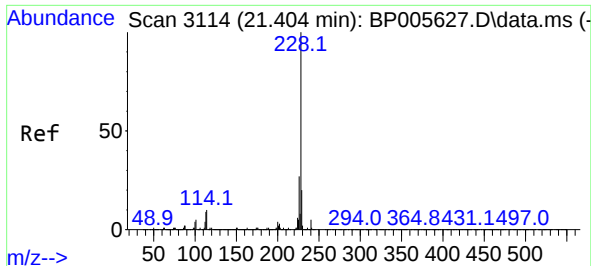
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#80  
Butylbenzylphthalate  
Concen: 45.952 ng  
RT: 20.545 min Scan# 2968  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

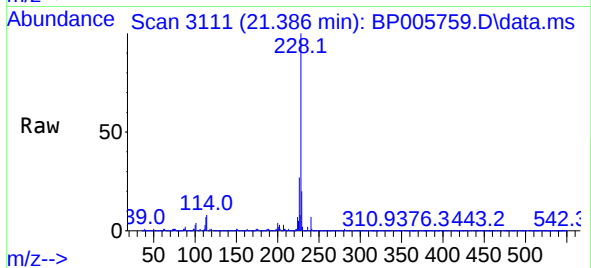
Tgt Ion:149 Resp: 800007  
Ion Ratio Lower Upper  
149 100  
91 68.2 60.2 90.4  
206 22.5 23.9 35.9#





#81  
Benzo(a)anthracene  
Concen: 40.112 ng  
RT: 21.386 min Scan# 3111  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

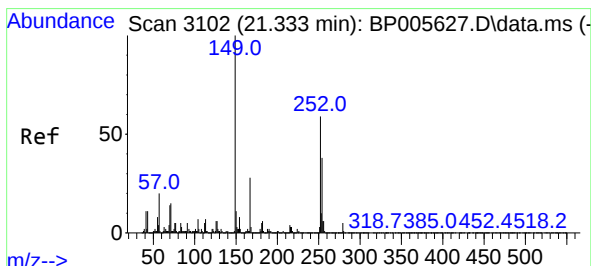
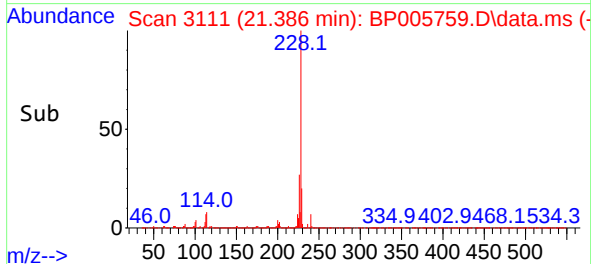
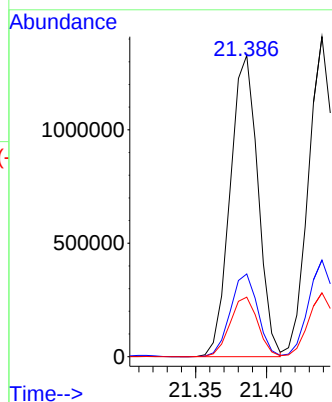


Tgt Ion:228 Resp: 1803202  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.2 31.8  
229 19.8 15.6 23.4

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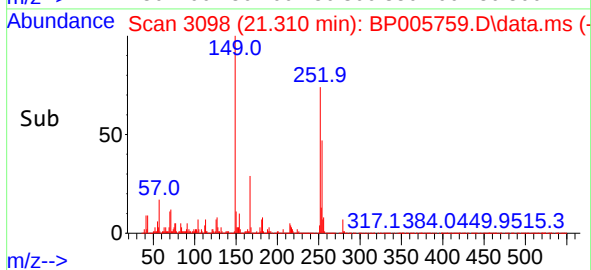
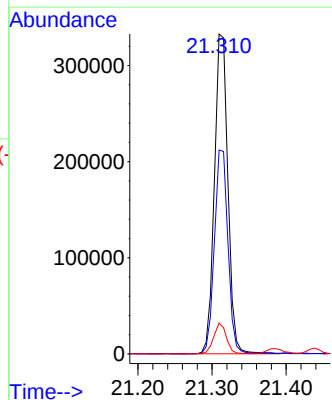
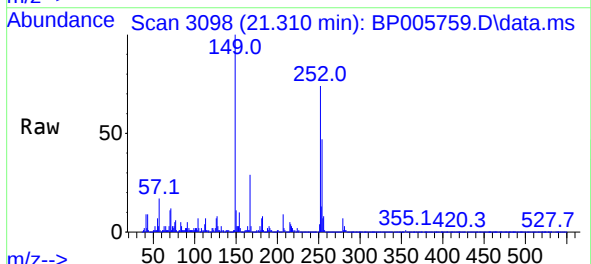
mohammad

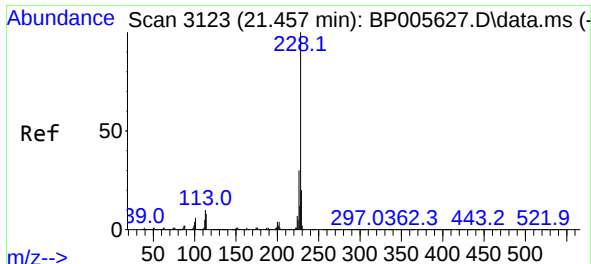
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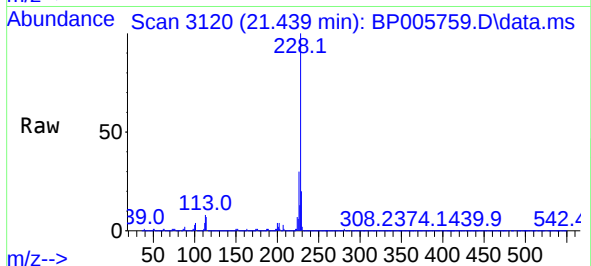
#82  
3,3'-Dichlorobenzidine  
Concen: 28.966 ng  
RT: 21.310 min Scan# 3098  
Delta R.T. -0.018 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion:252 Resp: 420591  
Ion Ratio Lower Upper  
252 100  
254 63.7 49.9 74.9  
126 9.7 5.5 8.3#



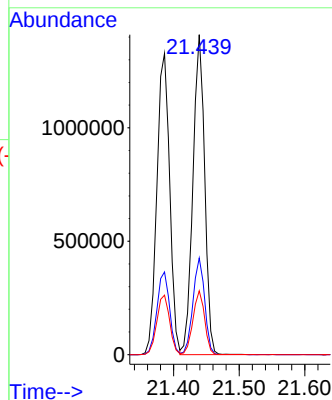


#83  
Chrysene  
Concen: 40.315 ng  
RT: 21.439 min Scan# 3120  
Delta R.T. -0.012 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



Tgt Ion:228 Resp: 1754938

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.2  | 24.8  | 37.2  |
| 229 | 20.0  | 15.4  | 23.0  |

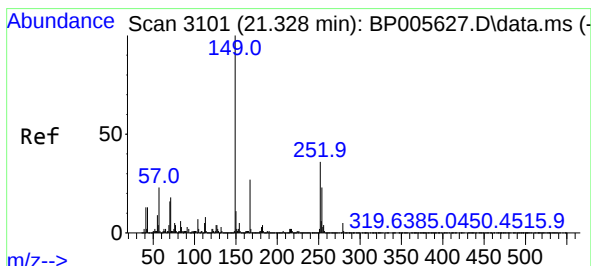


Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

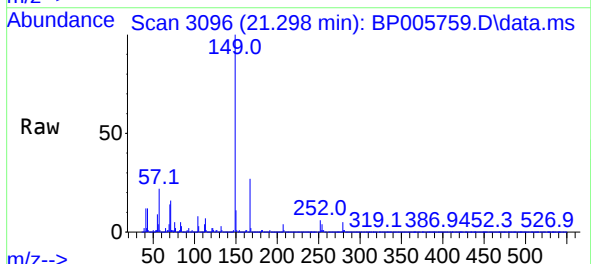
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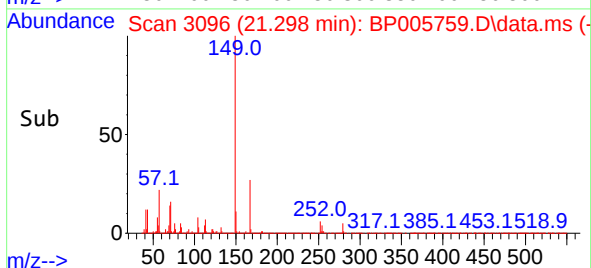
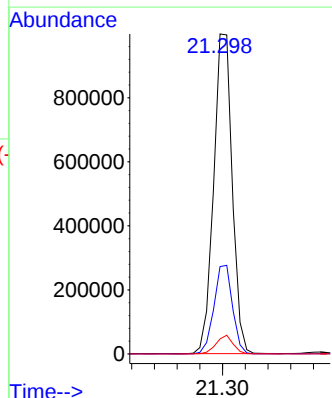


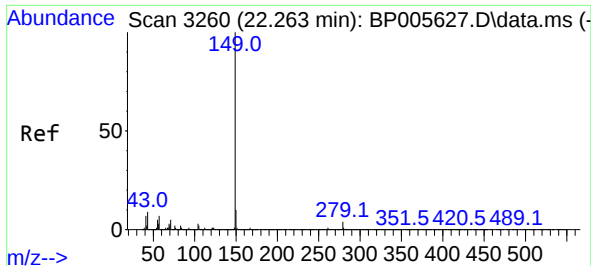
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.399 ng  
RT: 21.298 min Scan# 3096  
Delta R.T. -0.018 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



Tgt Ion:149 Resp: 1132917

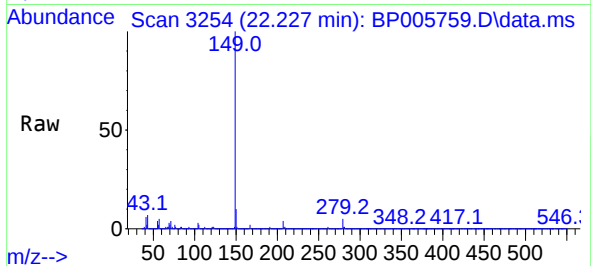
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.3  | 23.8  | 35.8  |
| 279 | 4.7   | 5.7   | 8.5   |





#85  
Di-n-octyl phthalate  
Concen: 47.986 ng  
RT: 22.227 min Scan# 3254  
Delta R.T. -0.018 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

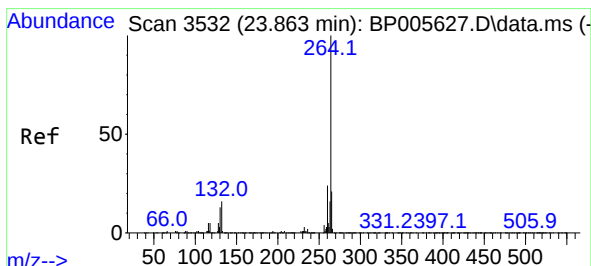
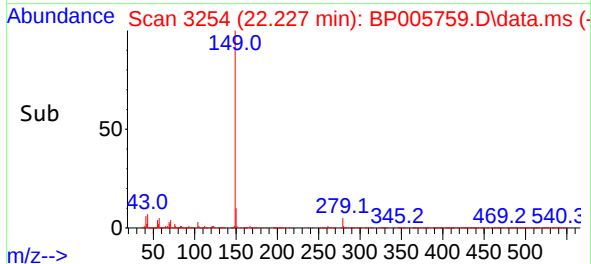
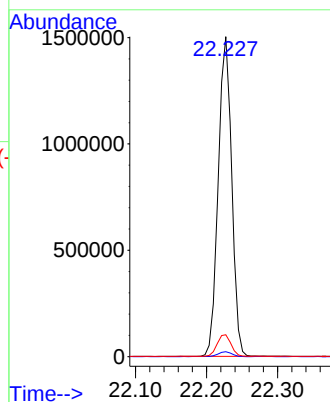


Tgt Ion:149 Resp: 1969154  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.5 2.3  
43 7.0 5.1 7.7

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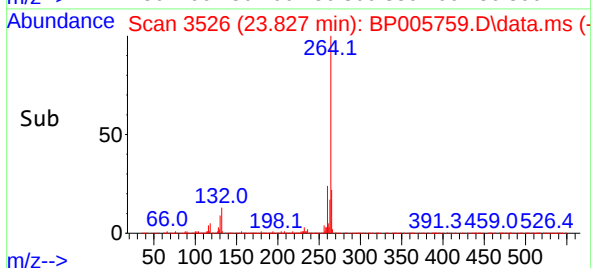
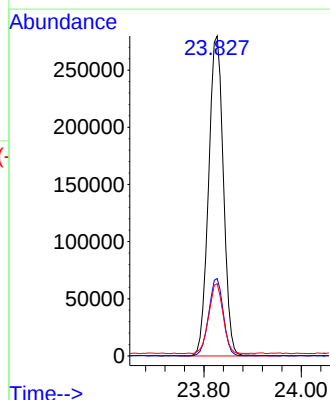
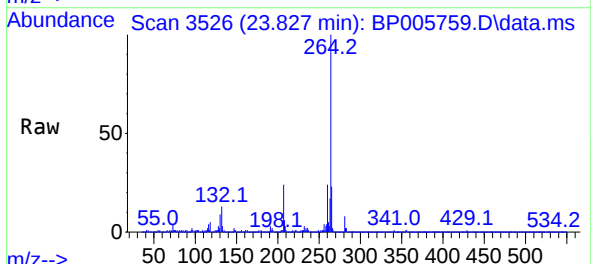
mohammad

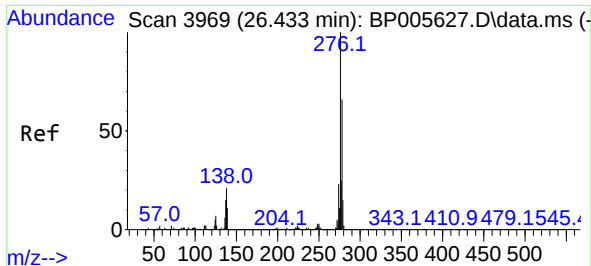
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.827 min Scan# 3526  
Delta R.T. -0.024 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

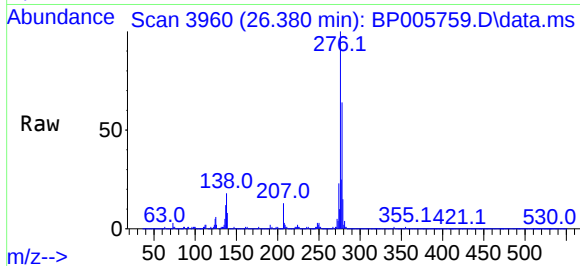
Tgt Ion:264 Resp: 588065  
Ion Ratio Lower Upper  
264 100  
260 24.2 20.6 30.8  
265 22.6 19.0 28.6





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.159 ng  
RT: 26.380 min Scan# 3960  
Delta R.T. -0.047 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

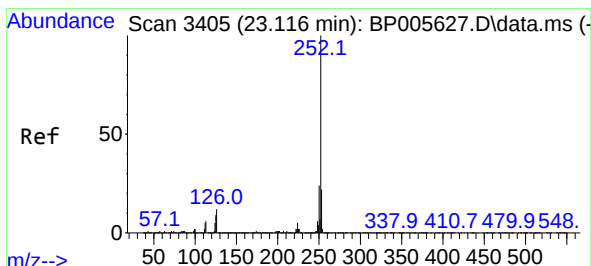
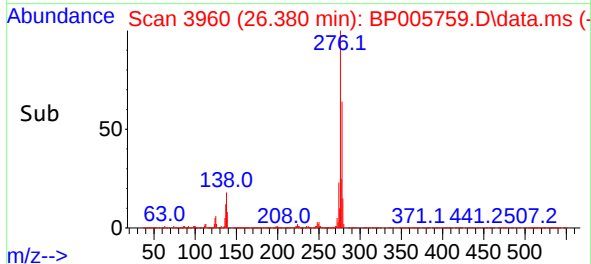
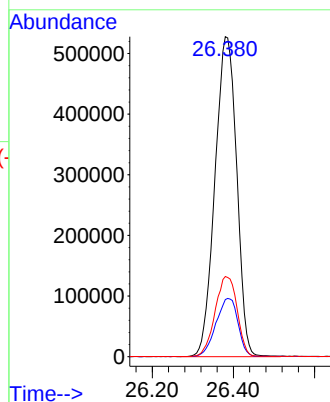


Tgt Ion:276 Resp: 1959239  
Ion Ratio Lower Upper  
276 100  
138 18.5 8.4 12.6#  
277 25.5 20.6 31.0

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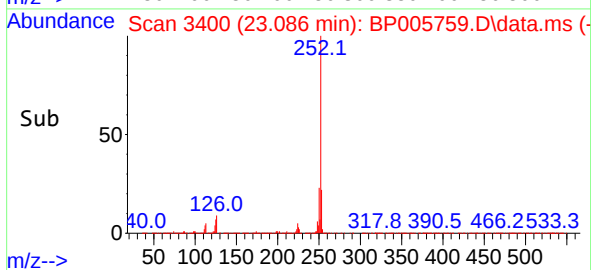
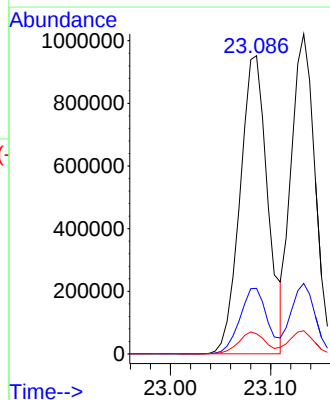
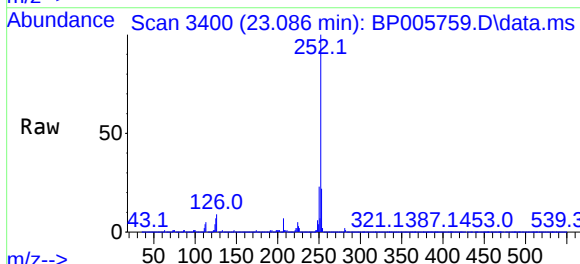
mohammad

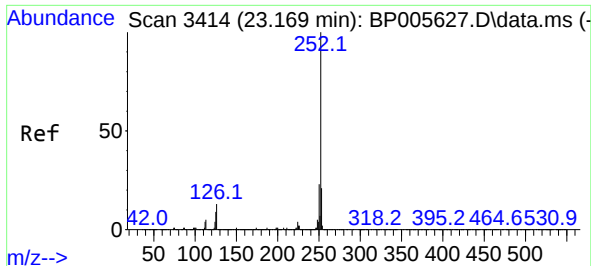
6/8/2021 3:37:29 PM



#88  
Benzo(b)fluoranthene  
Concen: 42.857 ng  
RT: 23.086 min Scan# 3400  
Delta R.T. -0.024 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

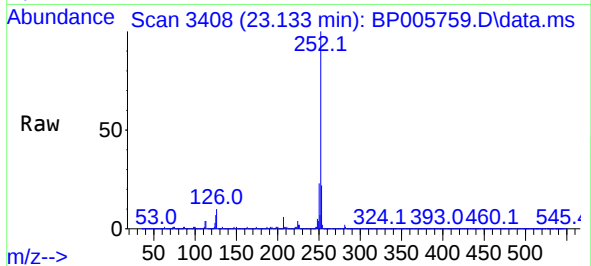
Tgt Ion:252 Resp: 1828606  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.2 27.2  
125 6.7 3.4 5.0#





#89  
Benzo(k)fluoranthene  
Concen: 41.488 ng  
RT: 23.133 min Scan# 3408  
Delta R.T. -0.024 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

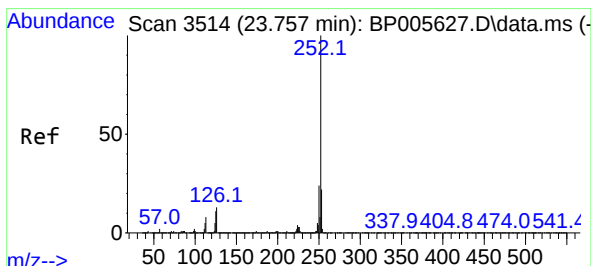
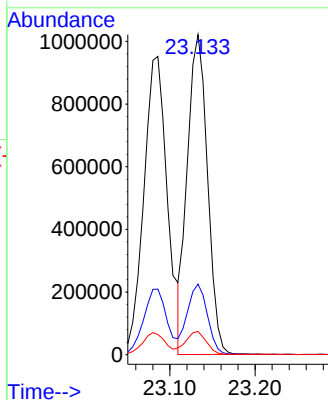
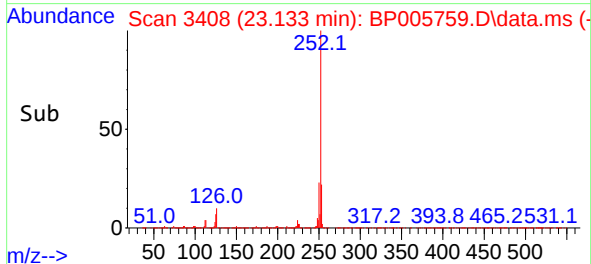


Tgt Ion:252 Resp: 1677416  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.2 25.8  
125 7.3 3.8 5.6#

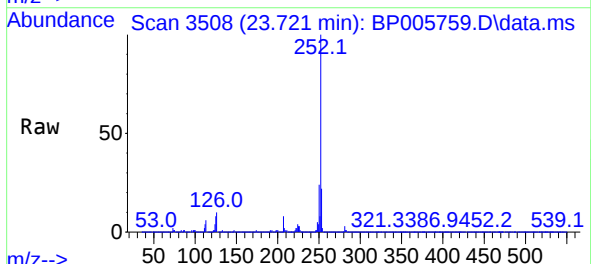
Manual Integrations  
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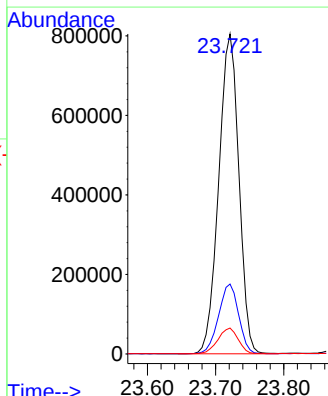
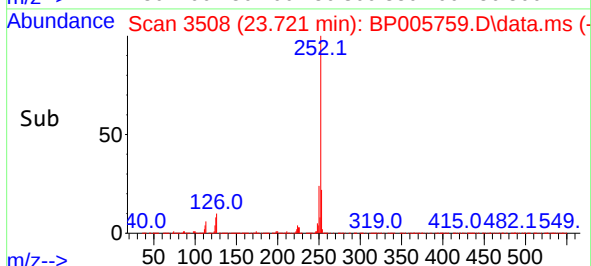
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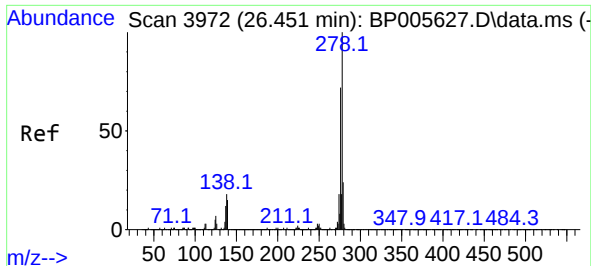


#90  
Benzo(a)pyrene  
Concen: 42.606 ng  
RT: 23.721 min Scan# 3508  
Delta R.T. -0.024 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28



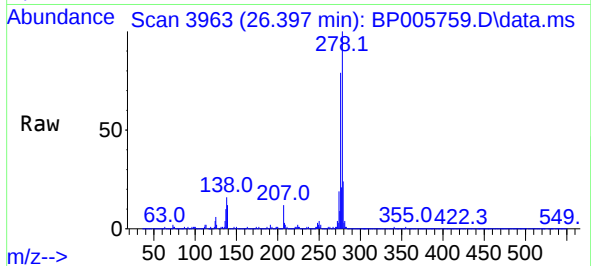
Tgt Ion:252 Resp: 1653800  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 8.1 3.8 5.6#





#91  
Dibenzo(a,h)anthracene  
Concen: 38.496 ng  
RT: 26.397 min Scan# 3963  
Delta R.T. -0.041 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Instrument :  
BNA\_P  
ClientSampleId :  
PB136884BS

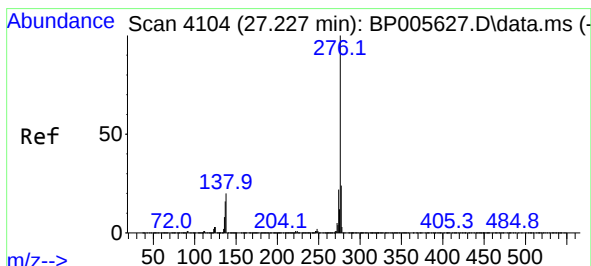
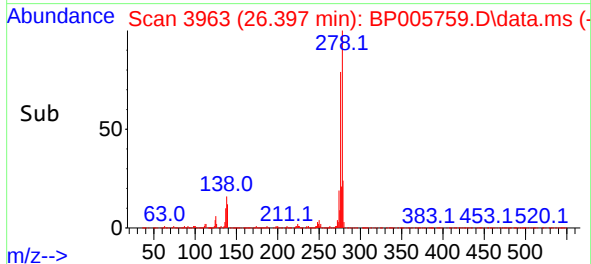
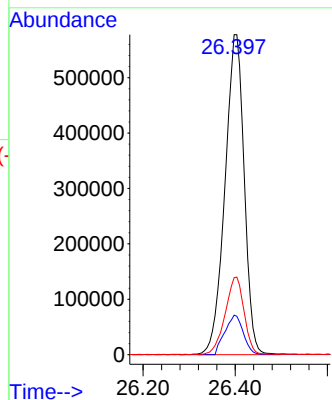


Tgt Ion:278 Resp: 1671458  
Ion Ratio Lower Upper  
278 100  
139 12.4 5.0 7.6#  
279 24.0 18.6 28.0

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 39.772 ng  
RT: 27.174 min Scan# 4095  
Delta R.T. -0.041 min  
Lab File: BP005759.D  
Acq: 08 Jun 2021 02:28

Tgt Ion:276 Resp: 1665632  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.8 29.8  
138 15.9 7.7 11.5#

