

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041321\  
 Data File : BP005281.D  
 Acq On : 13 Apr 2021 11:37  
 Operator : CG/JU  
 Sample : PB135663BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB135663BS

Manual Integrations  
 APPROVED

mohammad  
 4/14/2021 11:50:55 AM

Quant Time: Apr 14 02:38:58 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP040921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 09 18:44:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.675  | 152  | 43448    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.463 | 136  | 144624   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.340 | 164  | 89002    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.104 | 188  | 181608   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.204 | 240  | 172400   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.474 | 264  | 151545   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.281  | 112  | 584904   | 141.28 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.869  | 99   | 597523   | 126.49 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.840  | 82   | 388441   | 84.70  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.845 | 330  | 146060   | 130.01 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 583864   | 88.56  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.680 | 244  | 871018   | 99.25  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.211  | 88   | 71049    | 29.07  | ng    | 96       |
| 3) Pyridine                   | 3.605  | 79   | 186269   | 33.99  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.522  | 42   | 63319    | 39.14  | ng    | # 85     |
| 6) Aniline                    | 7.016  | 93   | 196403   | 38.63  | ng    | # 84     |
| 8) 2-Chlorophenol             | 7.246  | 128  | 142159   | 47.85  | ng    | # 73     |
| 9) Benzaldehyde               | 6.828  | 77   | 113670   | 36.54  | ng    | # 74     |
| 10) Phenol                    | 6.893  | 94   | 230432   | 47.63  | ng    | 74       |
| 11) bis(2-Chloroethyl)ether   | 7.111  | 93   | 165172   | 47.64  | ng    | 86       |
| 12) 1,3-Dichlorobenzene       | 7.563  | 146  | 148493   | 45.93  | ng    | # 84     |
| 13) 1,4-Dichlorobenzene       | 7.710  | 146  | 145126   | 45.46  | ng    | # 89     |
| 14) 1,2-Dichlorobenzene       | 8.022  | 146  | 135871   | 44.78  | ng    | # 89     |
| 15) Benzyl Alcohol            | 7.928  | 79   | 148231   | 45.30  | ng    | # 76     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.210  | 45   | 97522    | 48.31  | ng    | 75       |
| 17) 2-Methylphenol            | 8.134  | 107  | 125036   | 47.12  | ng    | # 83     |
| 18) Hexachloroethane          | 8.746  | 117  | 62708    | 45.29  | ng    | 88       |
| 19) n-Nitroso-di-n-propyla... | 8.493  | 70   | 128221   | 44.13  | ng    | # 88     |
| 20) 3+4-Methylphenols         | 8.463  | 107  | 160711   | 46.23  | ng    | 88       |
| 22) Acetophenone              | 8.505  | 105  | 236361   | 46.39  | ng    | # 90     |
| 24) Nitrobenzene              | 8.881  | 77   | 206420   | 43.54  | ng    | # 67     |
| 25) Isophorone                | 9.410  | 82   | 331709   | 43.36  | ng    | # 82     |
| 26) 2-Nitrophenol             | 9.587  | 139  | 55709    | 42.31  | ng    | # 27     |
| 27) 2,4-Dimethylphenol        | 9.657  | 122  | 109885   | 51.54  | ng    | # 80     |
| 28) bis(2-Chloroethoxy)met... | 9.887  | 93   | 178647   | 49.26  | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 10.122 | 162  | 106540   | 44.96  | ng    | 86       |
| 30) 1,2,4-Trichlorobenzene    | 10.328 | 180  | 122541   | 45.10  | ng    | 98       |
| 31) Naphthalene               | 10.516 | 128  | 353767   | 44.67  | ng    | 99       |
| 32) Benzoic acid              | 9.840  | 122  | 54456    | 38.93  | ng    | # 36     |
| 33) 4-Chloroaniline           | 10.640 | 127  | 63509    | 21.52  | ng    | # 74     |
| 34) Hexachlorobutadiene       | 10.793 | 225  | 85412    | 45.38  | ng    | 98       |
| 35) Caprolactam               | 11.451 | 113  | 32891m   | 41.82  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.781 | 107  | 140729   | 45.92  | ng    | # 75     |
| 37) 2-Methylnaphthalene       | 12.140 | 142  | 246100   | 45.84  | ng    | # 91     |
| 38) 1-Methylnaphthalene       | 12.363 | 142  | 226381   | 44.55  | ng    | # 100    |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216  | 144222   | 48.09  | ng    | # 96     |
| 41) Hexachlorocyclopentadiene | 12.487 | 237  | 162990   | 117.96 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.763 | 196  | 86686    | 46.01  | ng    | 98       |

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Manual Integrations  
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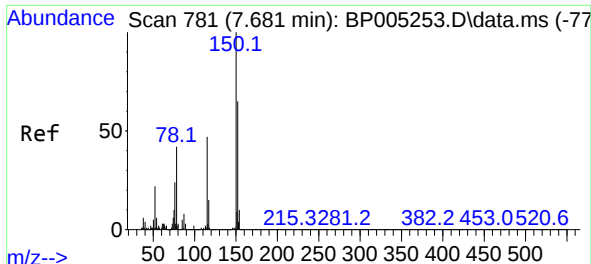
mohammad  
 4/14/2021 11:50:55 AM

Quant Time: Apr 14 02:38:58 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP040921.M  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.840 | 196  | 93270    | 45.37 | ng    | # 84     |
| 46) 1,1'-Biphenyl             | 13.163 | 154  | 315798   | 46.81 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 244217   | 45.81 | ng    | 94       |
| 48) 2-Nitroaniline            | 13.422 | 65   | 96668    | 42.13 | ng    | # 40     |
| 49) Acenaphthylene            | 14.057 | 152  | 401497   | 48.69 | ng    | 100      |
| 50) Dimethylphthalate         | 13.804 | 163  | 301718   | 46.18 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.928 | 165  | 66050    | 45.46 | ng    | # 9      |
| 52) Acenaphthene              | 14.404 | 154  | 237920   | 47.23 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.257 | 138  | 35130    | 25.34 | ng    | # 18     |
| 54) 2,4-Dinitrophenol         | 14.475 | 184  | 67621    | 73.47 | ng    | # 53     |
| 55) Dibenzofuran              | 14.740 | 168  | 379114   | 45.18 | ng    | 93       |
| 56) 4-Nitrophenol             | 14.592 | 139  | 105553   | 94.83 | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.722 | 165  | 95091    | 47.08 | ng    | # 13     |
| 58) Fluorene                  | 15.398 | 166  | 314091   | 46.19 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 84914    | 46.38 | ng    | # 94     |
| 60) Diethylphthalate          | 15.175 | 149  | 313687   | 46.94 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.392 | 204  | 167668   | 46.99 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.434 | 138  | 61413m   | 41.25 | ng    |          |
| 63) Azobenzene                | 15.687 | 77   | 459939   | 44.60 | ng    | 78       |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 198  | 44426    | 36.43 | ng    | # 66     |
| 66) n-Nitrosodiphenylamine    | 15.610 | 169  | 262297   | 47.80 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.292 | 248  | 98883    | 47.66 | ng    | 93       |
| 68) Hexachlorobenzene         | 16.404 | 284  | 110943   | 50.02 | ng    | 91       |
| 69) Atrazine                  | 16.575 | 200  | 94166    | 49.05 | ng    | 99       |
| 70) Pentachlorophenol         | 16.757 | 266  | 131475   | 98.24 | ng    | 98       |
| 71) Phenanthrene              | 17.145 | 178  | 474619   | 46.23 | ng    | 99       |
| 72) Anthracene                | 17.239 | 178  | 486103   | 48.87 | ng    | 98       |
| 73) Carbazole                 | 17.516 | 167  | 413237   | 43.51 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.069 | 149  | 512012   | 48.25 | ng    | # 96     |
| 75) Fluoranthene              | 19.128 | 202  | 546222   | 43.38 | ng    | 99       |
| 77) Benzidine                 | 19.316 | 184  | 160965   | 51.02 | ng    | 100      |
| 78) Pyrene                    | 19.480 | 202  | 562401   | 52.49 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.357 | 149  | 177833   | 44.42 | ng    | # 60     |
| 81) Benzo(a)anthracene        | 21.186 | 228  | 530379   | 46.63 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.122 | 252  | 122553   | 36.82 | ng    | 99       |
| 83) Chrysene                  | 21.239 | 228  | 494806   | 44.72 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.116 | 149  | 286787   | 45.59 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 21.992 | 149  | 466724   | 41.30 | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.810 | 276  | 555119   | 47.92 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 22.786 | 252  | 493792   | 49.78 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 22.833 | 252  | 449385   | 47.26 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.374 | 252  | 420369   | 45.79 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 25.815 | 278  | 470332   | 46.57 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 26.521 | 276  | 454773   | 46.56 | ng    | # 92     |

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





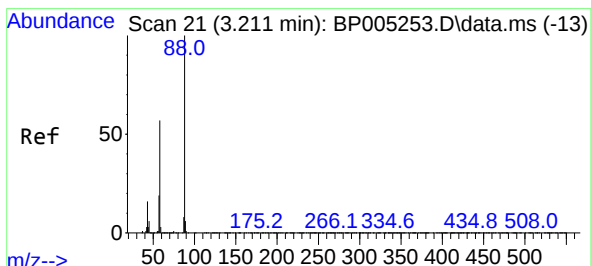
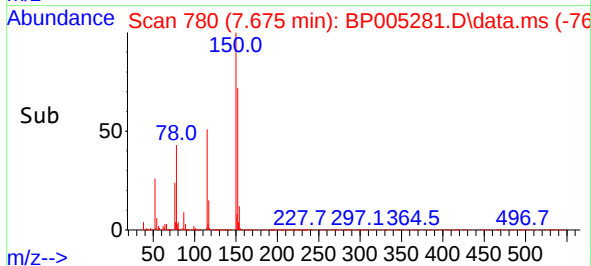
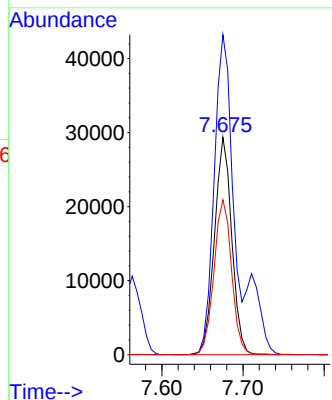
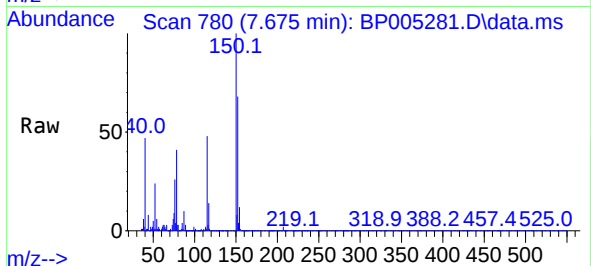
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.675 min Scan# 780  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 152 Resp: 43448  
Ion Ratio Lower Upper  
152 100  
150 147.1 123.8 185.6  
115 71.2 43.8 65.6#

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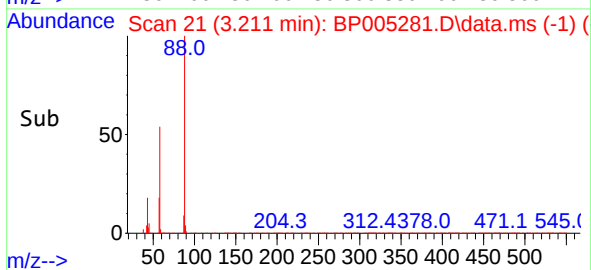
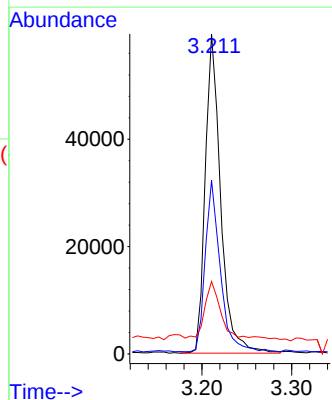
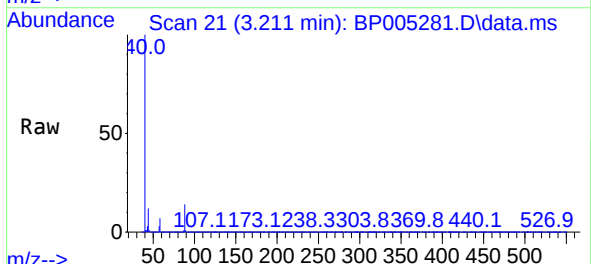
Manual Integrations  
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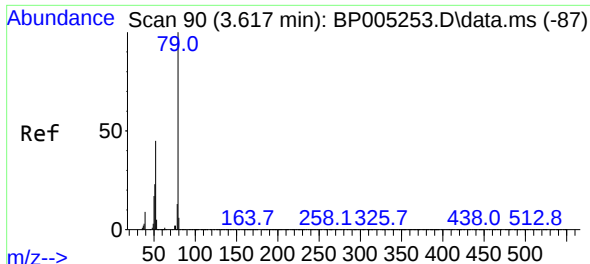
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#2  
1,4-Dioxane  
Concen: 29.07 ng  
RT: 3.211 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 88 Resp: 71049  
Ion Ratio Lower Upper  
88 100  
58 52.4 44.2 66.4  
43 21.2 15.2 22.8





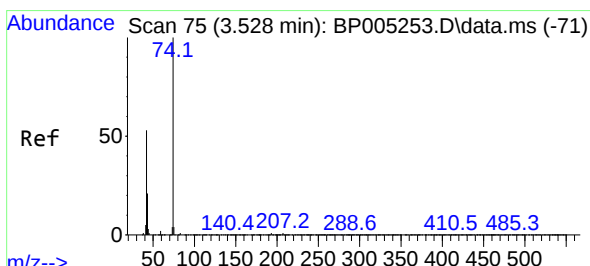
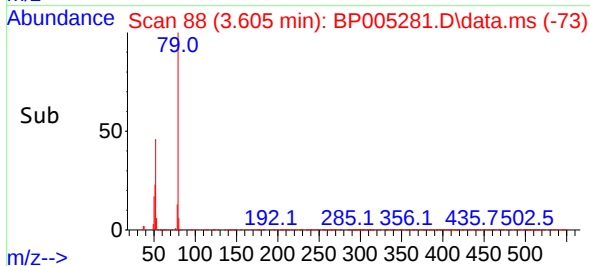
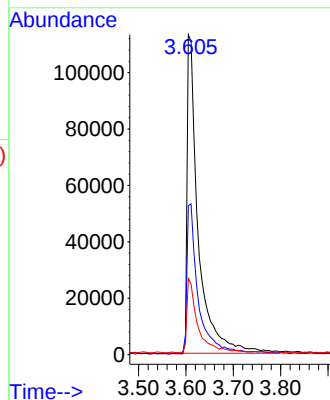
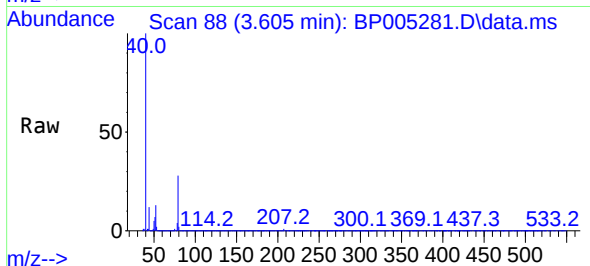
#3  
Pyridine  
Concen: 33.99 ng  
RT: 3.605 min Scan# 88  
Delta R.T. -0.012 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 79 Resp: 186269  
Ion Ratio Lower Upper  
79 100  
52 46.6 41.3 61.9  
51 23.7 21.2 31.8

Instrument :  
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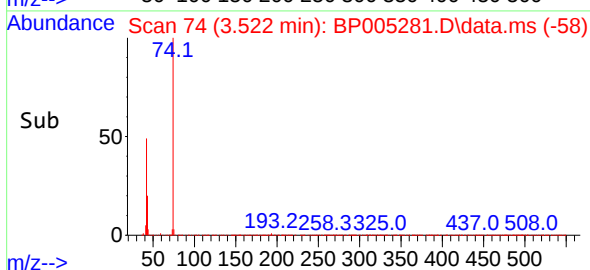
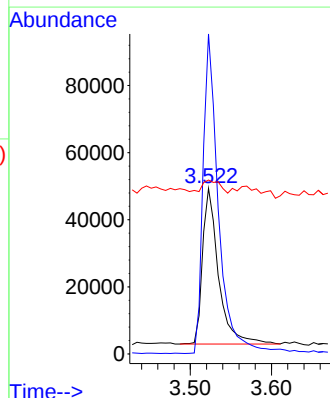
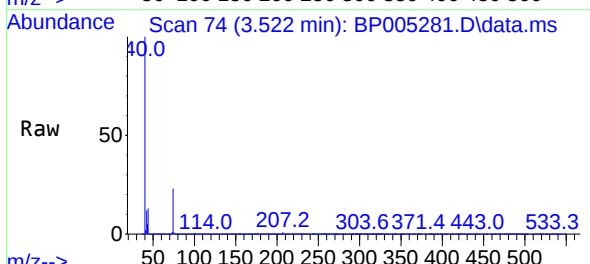
Manual Integrations  
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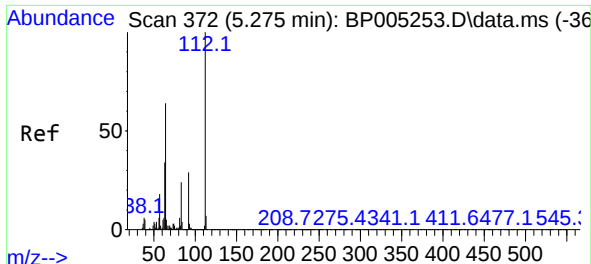
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4/14/2021 11:50:55 AM



#4  
n-Nitrosodimethylamine  
Concen: 39.14 ng  
RT: 3.522 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 42 Resp: 63319  
Ion Ratio Lower Upper  
42 100  
74 193.2 148.6 223.0  
44 105.0 5.3 7.9





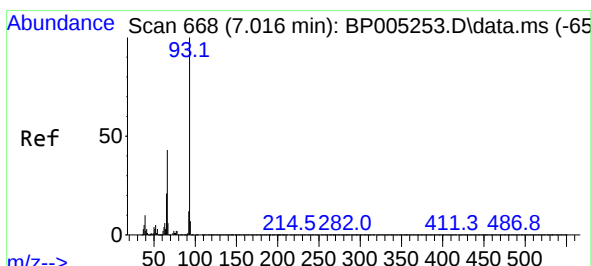
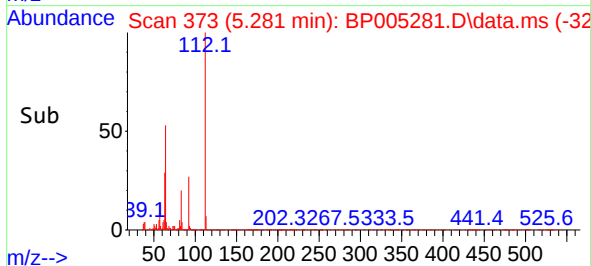
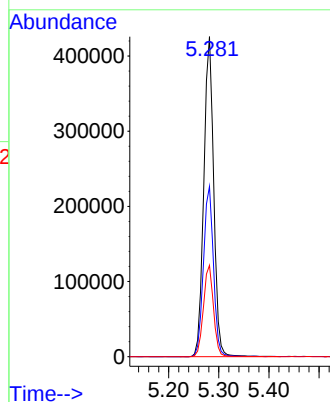
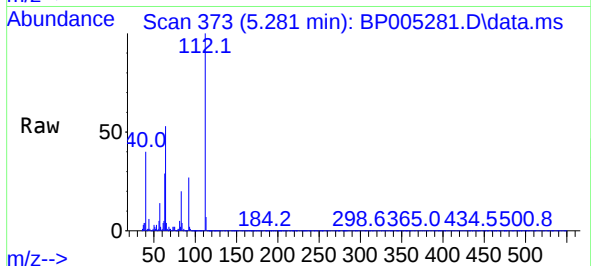
#5  
2-Fluorophenol  
Concen: 141.28 ng  
RT: 5.281 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 112 Resp: 584904  
Ion Ratio Lower Upper  
112 100  
64 53.2 32.8 49.2#  
63 28.5 17.0 25.4#

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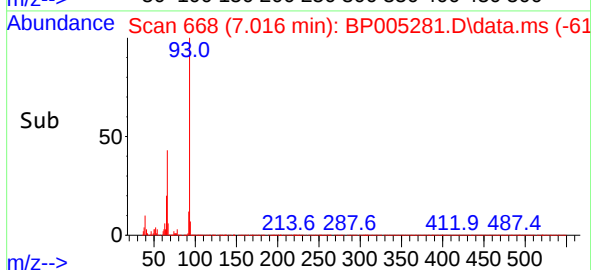
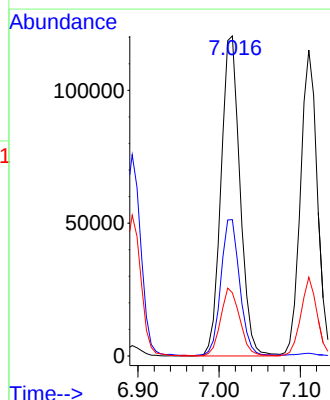
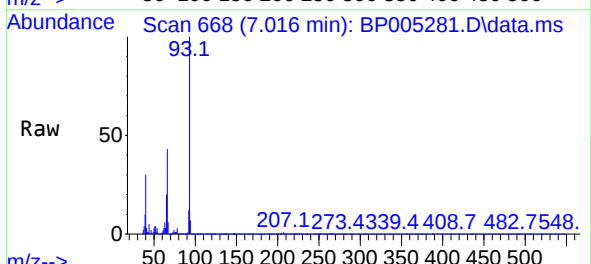
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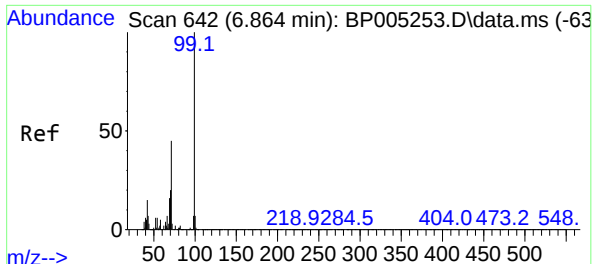
mohammad  
4/14/2021 11:50:55 AM



#6  
Aniline  
Concen: 38.63 ng  
RT: 7.016 min Scan# 668  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 93 Resp: 196403  
Ion Ratio Lower Upper  
93 100  
66 42.6 25.4 38.0#  
65 19.8 12.5 18.7#





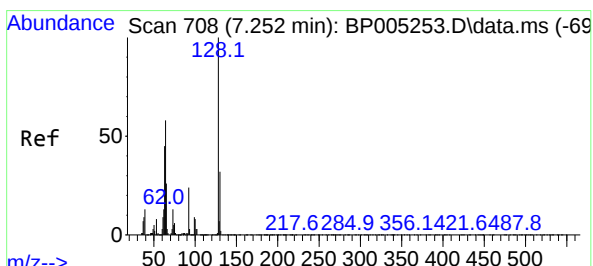
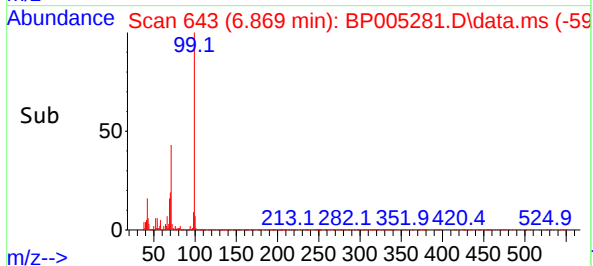
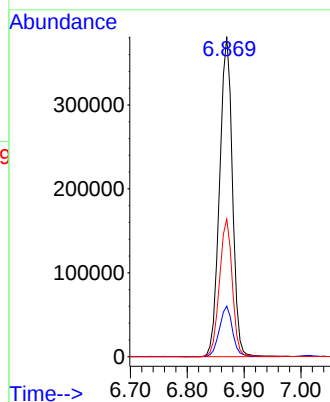
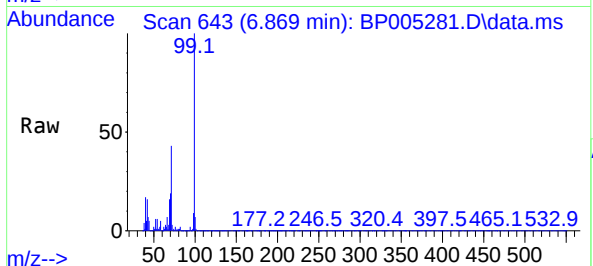
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Phenol-d6  
Concen: 126.49 ng  
RT: 6.869 min Scan# 643  
Delta R.T. 0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 99 Resp: 597523  
Ion Ratio Lower Upper  
99 100  
42 15.8 8.6 13.0#  
71 43.0 23.4 35.2#

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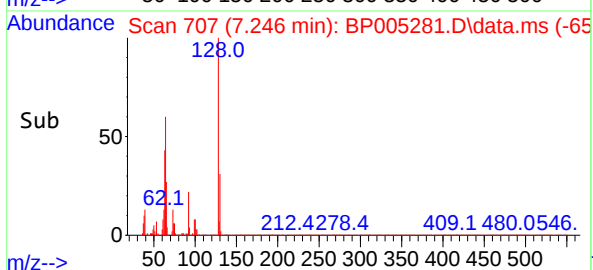
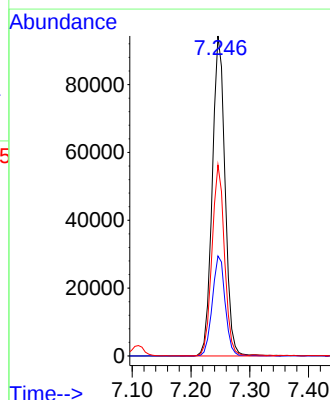
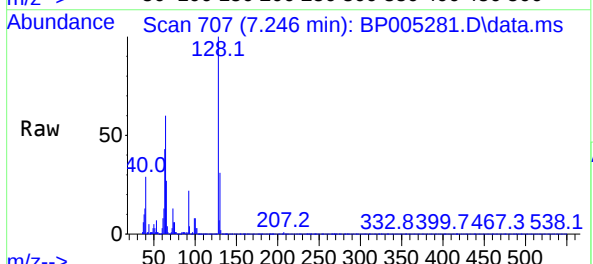
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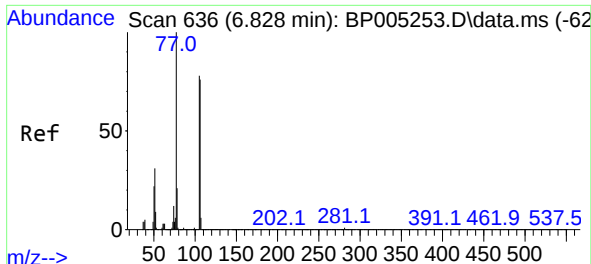
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4/14/2021 11:50:55 AM



#8  
2-Chlorophenol  
Concen: 47.85 ng  
RT: 7.246 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

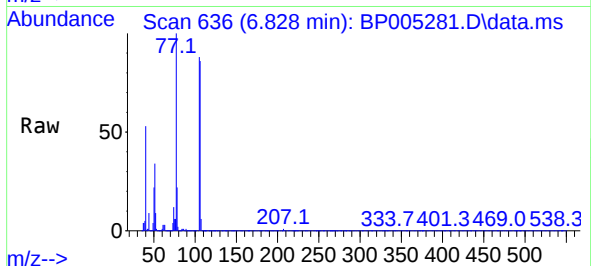
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Ion Ratio Lower Upper  
128 100  
130 31.3 13.0 53.0  
64 59.7 10.4 50.4#





#9  
Benzaldehyde  
Concen: 36.54 ng  
RT: 6.828 min Scan# 636  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

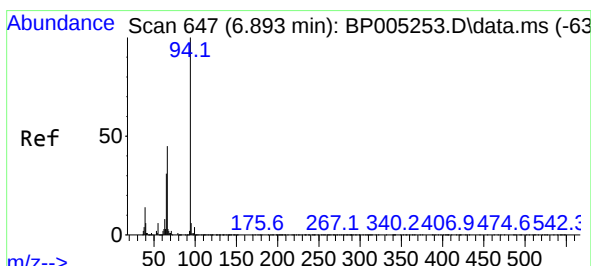
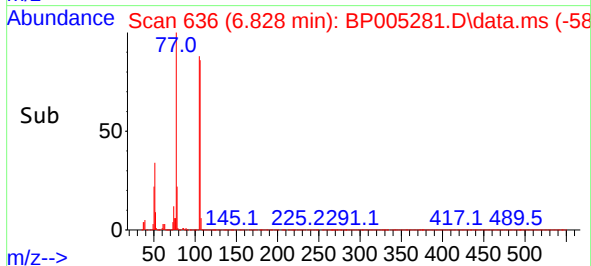
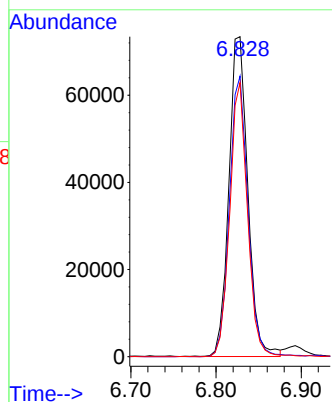
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



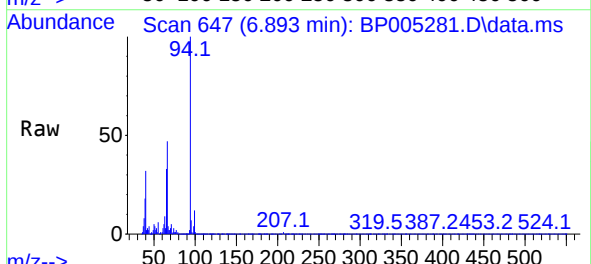
Tgt Ion: 77 Resp: 113670  
Ion Ratio Lower Upper  
77 100  
105 87.7 97.1 137.1#  
106 85.7 93.7 133.7#

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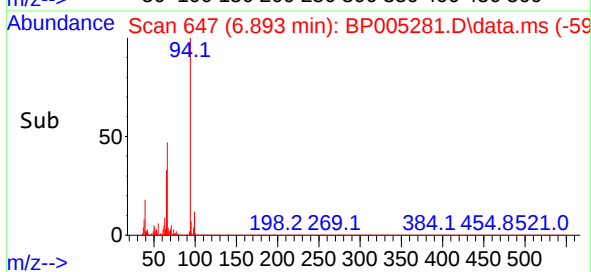
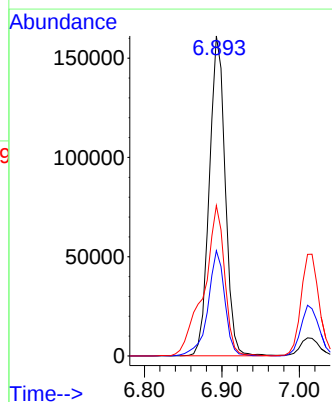
mohammad  
4/14/2021 11:50:55 AM

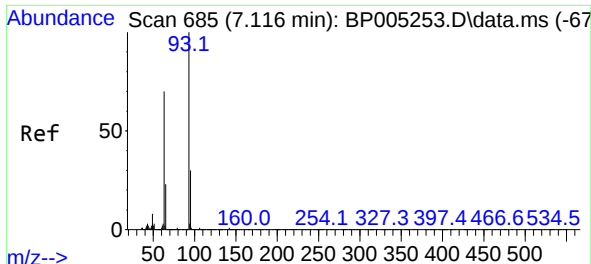


#10  
Phenol  
Concen: 47.63 ng  
RT: 6.893 min Scan# 647  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



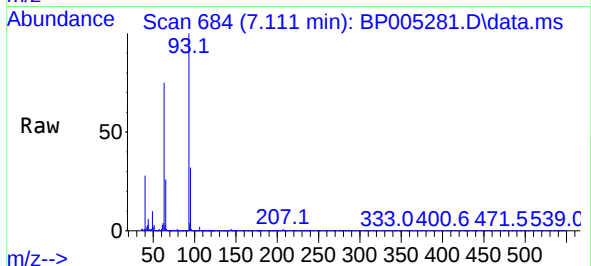
Tgt Ion: 94 Resp: 230432  
Ion Ratio Lower Upper  
94 100  
65 32.9 2.3 42.3  
66 47.0 10.9 50.9





#11  
bis(2-Chloroethyl)ether  
Concen: 47.64 ng  
RT: 7.111 min Scan# 684  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

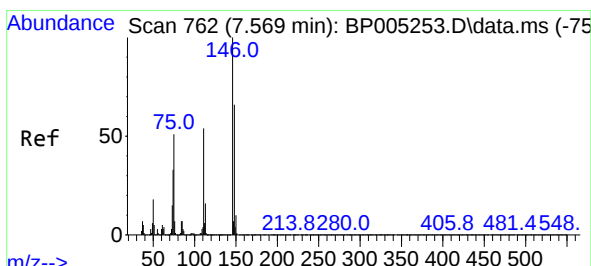
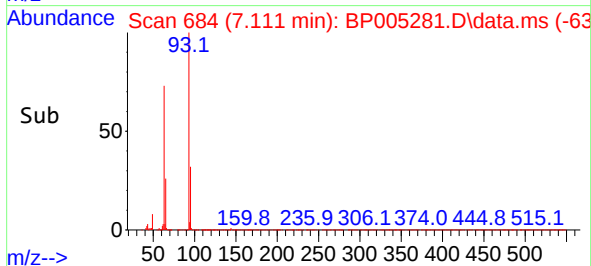
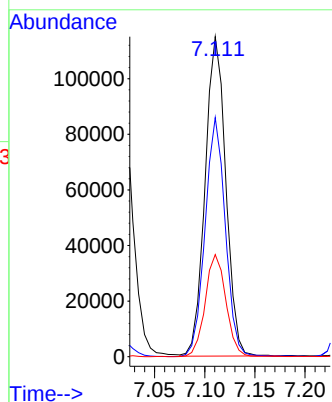
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



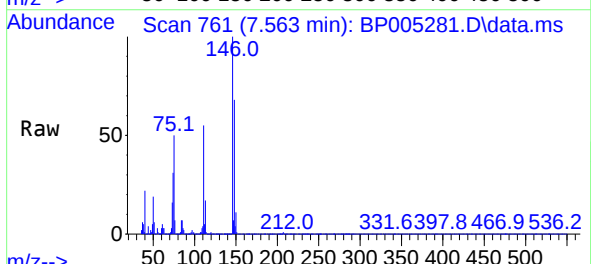
Tgt Ion: 93 Resp: 165172  
Ion Ratio Lower Upper  
93 100  
63 74.7 39.0 79.0  
95 31.9 12.8 52.8

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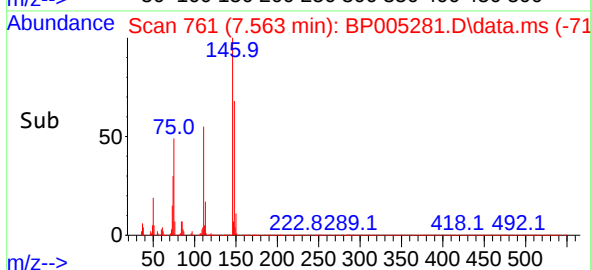
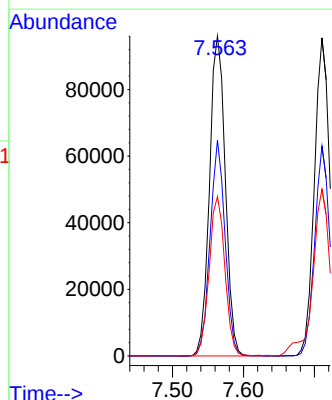
mohammad  
4/14/2021 11:50:55 AM

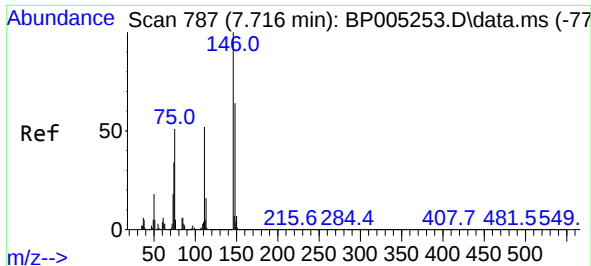


#12  
1,3-Dichlorobenzene  
Concen: 45.93 ng  
RT: 7.563 min Scan# 761  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



Tgt Ion: 146 Resp: 148493  
Ion Ratio Lower Upper  
146 100  
148 67.5 52.5 78.7  
75 49.8 18.1 27.1#





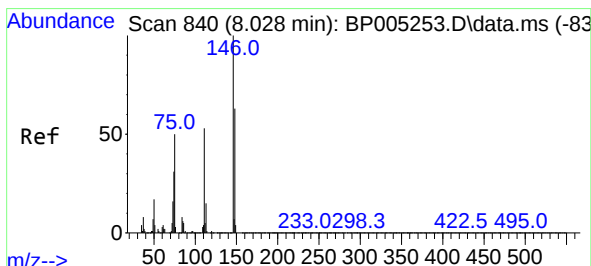
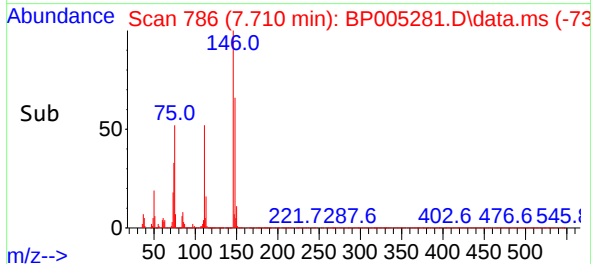
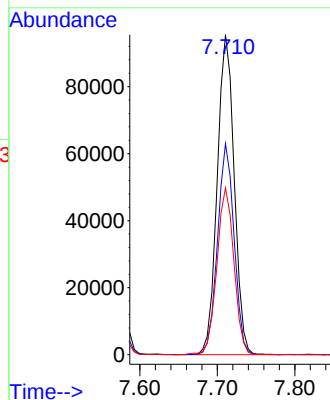
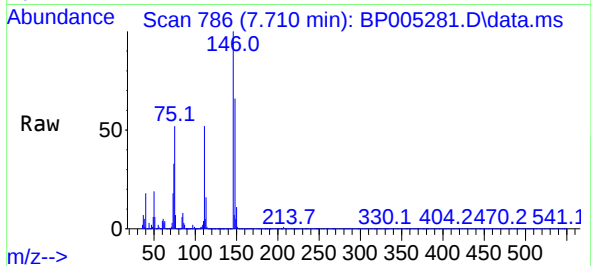
#13  
1,4-Dichlorobenzene  
Concen: 45.46 ng  
RT: 7.710 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:146 Resp: 145126  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.3 76.9  
111 52.1 28.9 43.3#

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

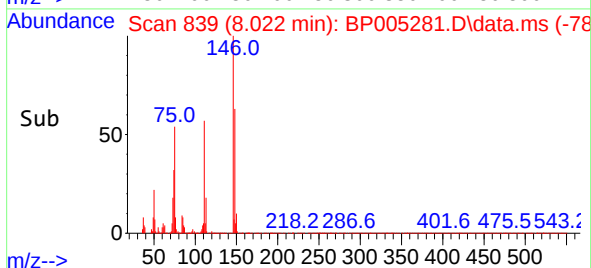
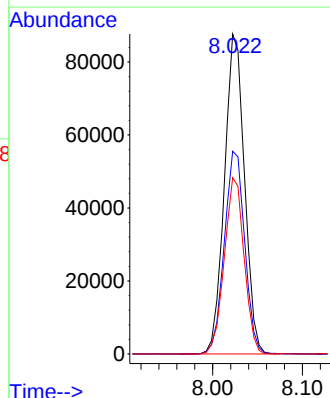
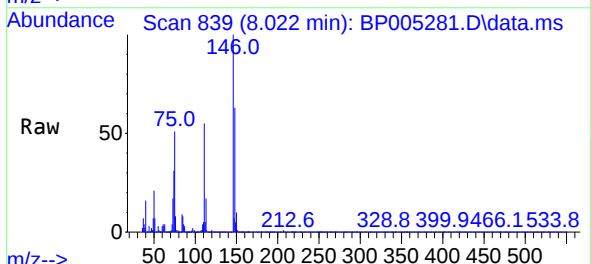
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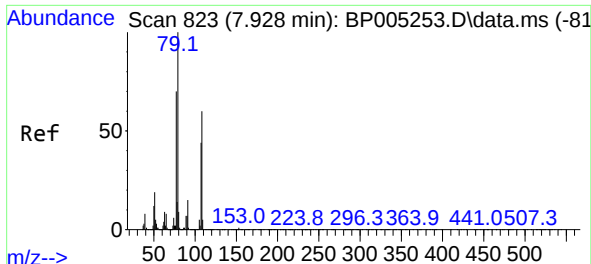
mohammad  
4/14/2021 11:50:55 AM



#14  
1,2-Dichlorobenzene  
Concen: 44.78 ng  
RT: 8.022 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:146 Resp: 135871  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.6 77.4  
111 55.1 31.0 46.6#





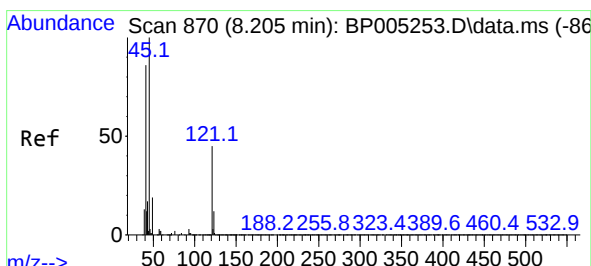
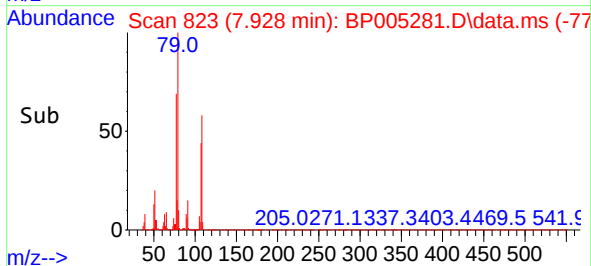
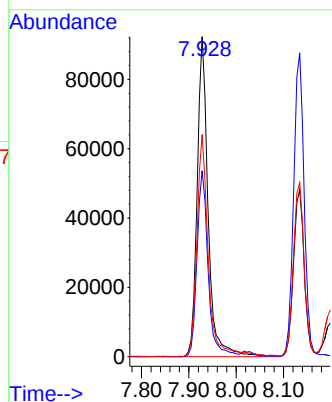
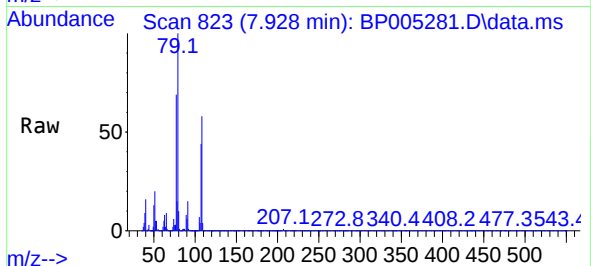
#15  
Benzyl Alcohol  
Concen: 45.30 ng  
RT: 7.928 min Scan# 823  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 79 Resp: 148231  
Ion Ratio Lower Upper  
79 100  
108 58.1 73.5 110.3#  
77 69.4 50.3 75.5

Instrument :  
BNA\_P  
ClientSampleID :  
PB135663BS

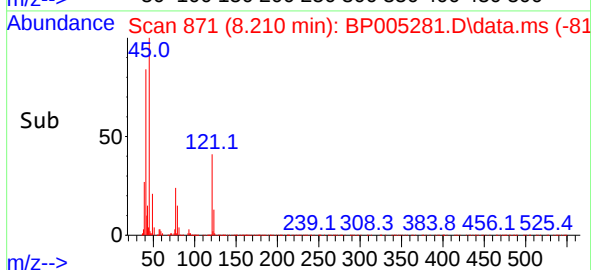
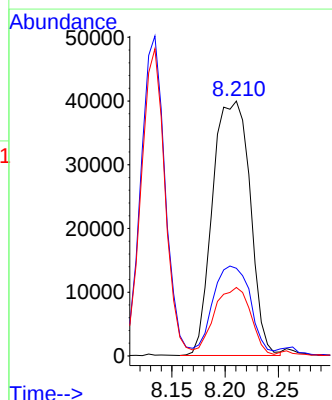
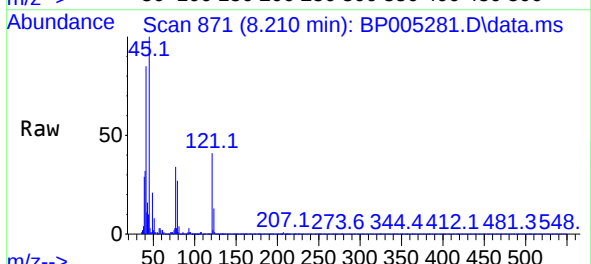
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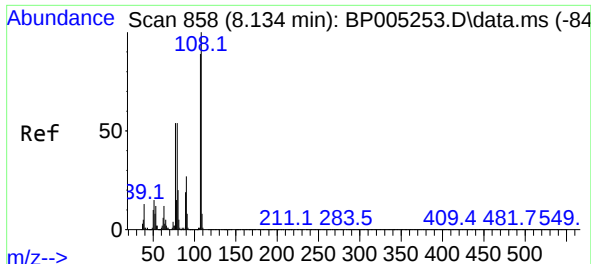
mohammad  
4/14/2021 11:50:55 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.31 ng  
RT: 8.210 min Scan# 871  
Delta R.T. 0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

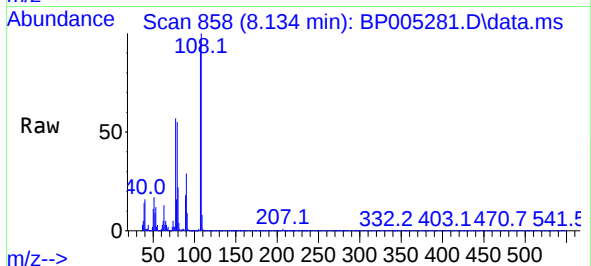
Tgt Ion: 45 Resp: 97522  
Ion Ratio Lower Upper  
45 100  
77 34.4 2.3 42.3  
79 26.8 0.0 36.6





#17  
2-Methylphenol  
Concen: 47.12 ng  
RT: 8.134 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

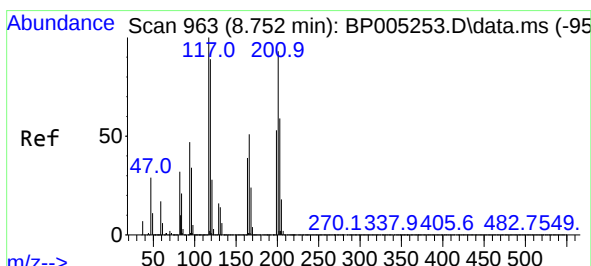
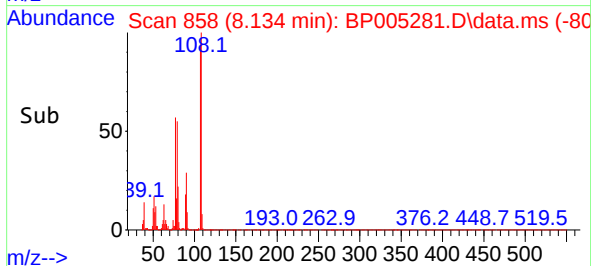
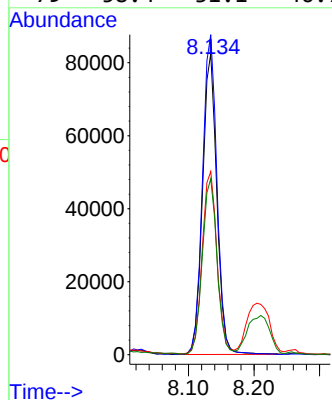
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



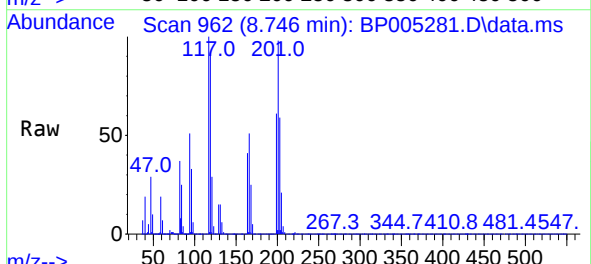
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 125036 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 106.3 | 89.6  | 134.4  |
| 77       | 60.8  | 31.8  | 47.6#  |
| 79       | 58.4  | 31.1  | 46.7#  |

Manual Integrations  
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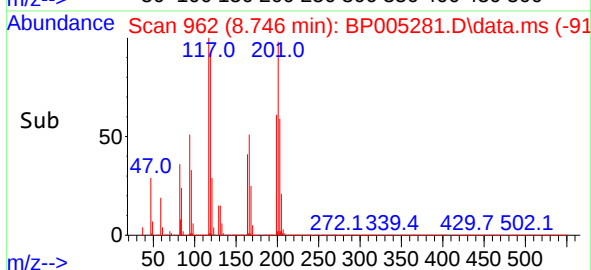
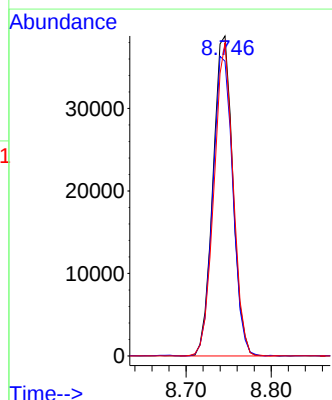
mohammad  
4/14/2021 11:50:55 AM

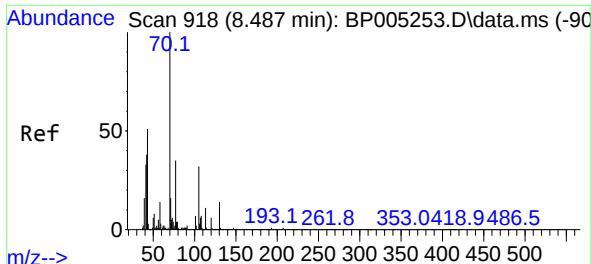


#18  
Hexachloroethane  
Concen: 45.29 ng  
RT: 8.746 min Scan# 962  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



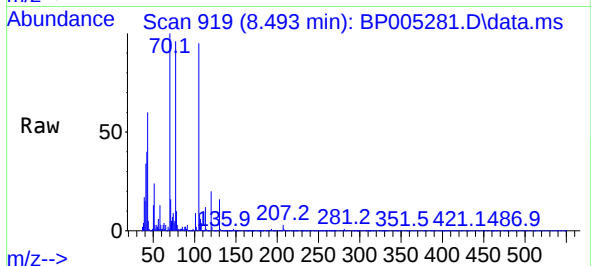
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 62708 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.1  | 78.8  | 118.2 |
| 201      | 97.8  | 92.3  | 138.5 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.13 ng  
RT: 8.493 min Scan# 919  
Delta R.T. 0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

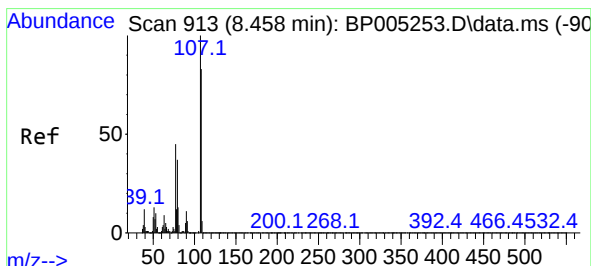
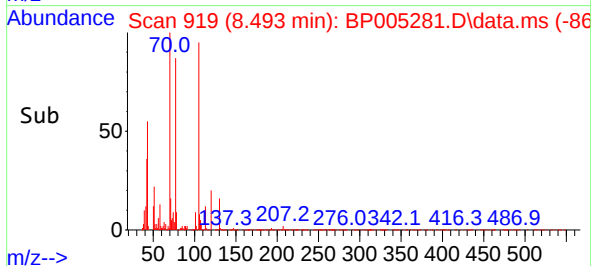
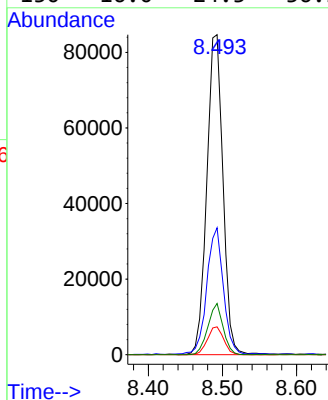
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 128221 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 39.7  | 32.8  | 49.2   |
| 101      | 8.7   | 9.6   | 14.4#  |
| 130      | 16.0  | 24.3  | 36.5#  |

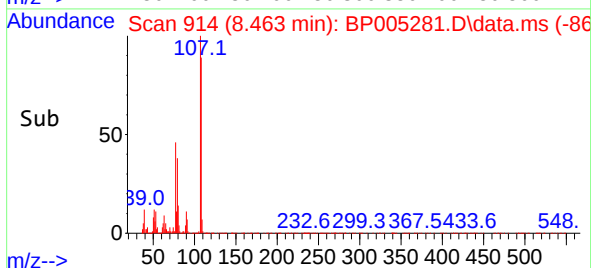
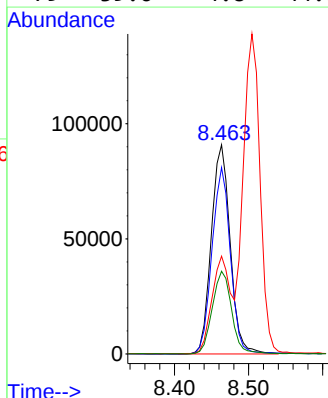
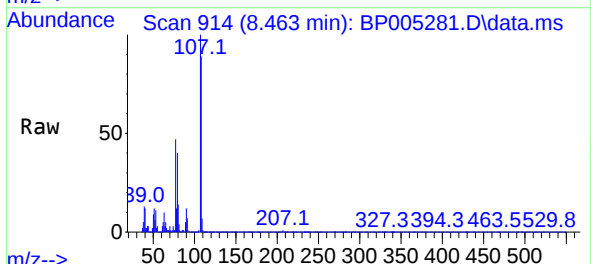
Manual Integrations  
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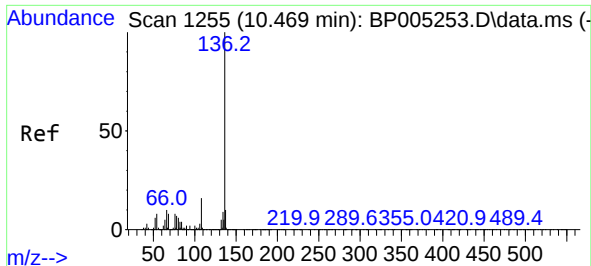
mohammad  
4/14/2021 11:50:55 AM



#20  
3+4-Methylphenols  
Concen: 46.23 ng  
RT: 8.463 min Scan# 914  
Delta R.T. 0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

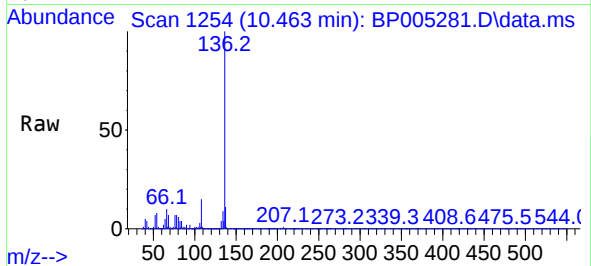
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 160711 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.2  | 69.0  | 109.0  |
| 77       | 46.8  | 8.5   | 48.5   |
| 79       | 39.6  | 4.8   | 44.8   |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.463 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

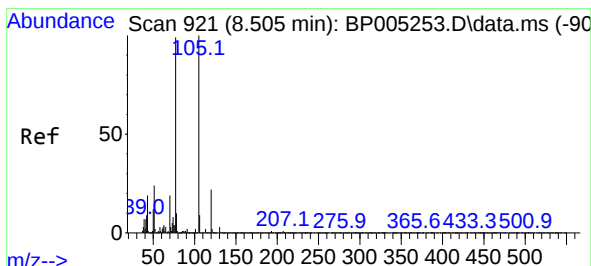
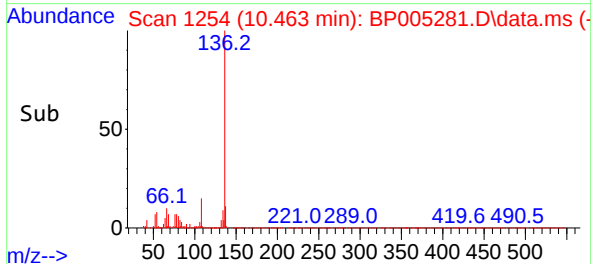
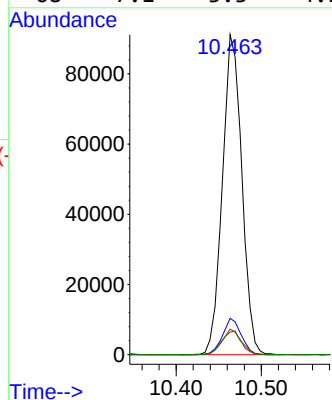
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 144624 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.4  | 8.6   | 13.0   |
| 54        | 8.0   | 3.6   | 5.4#   |
| 68        | 7.1   | 3.3   | 4.9#   |

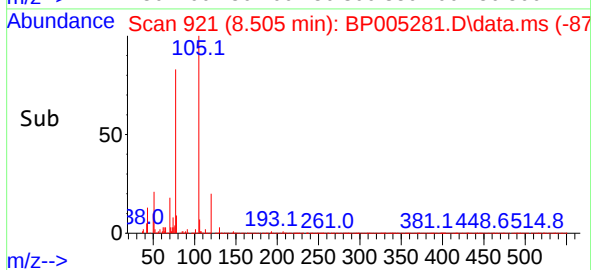
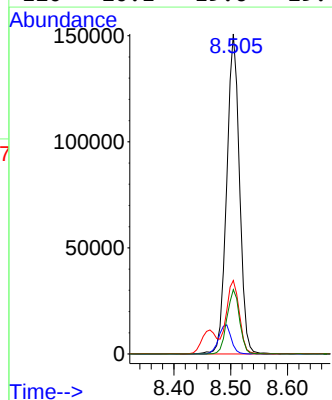
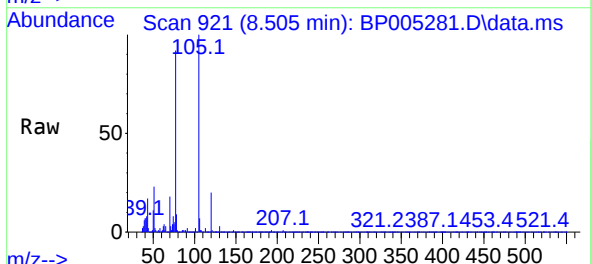
Manual Integrations  
APPROVED

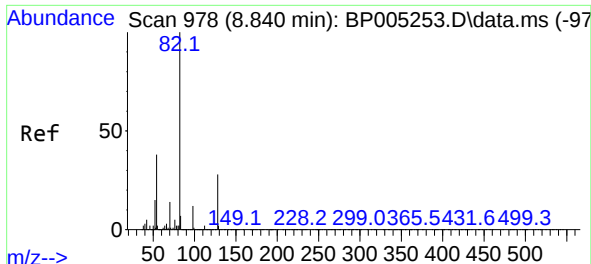
mohammad  
4/14/2021 11:50:55 AM



#22  
Acetophenone  
Concen: 46.39 ng  
RT: 8.505 min Scan# 921  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 236361 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.8   | 2.6   | 3.8    |
| 51        | 22.9  | 13.5  | 20.3#  |
| 120       | 20.1  | 19.6  | 29.4   |





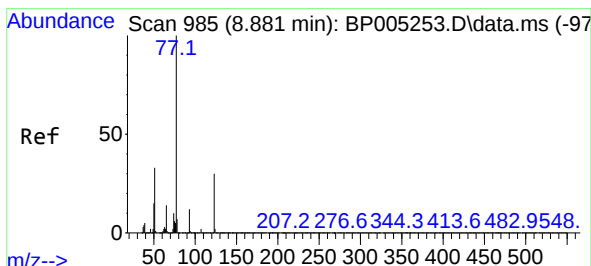
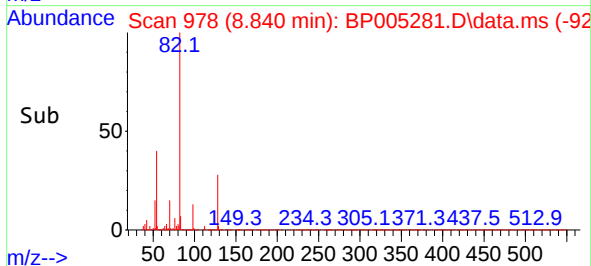
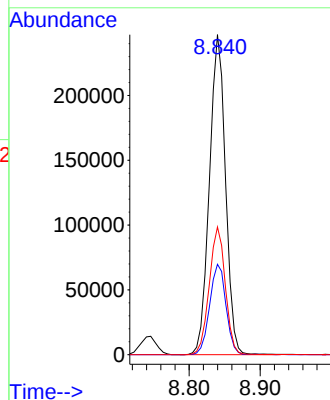
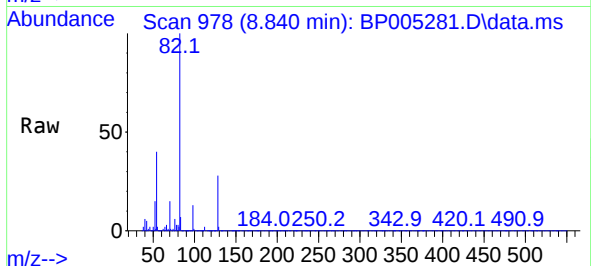
#23  
Nitrobenzene-d5  
Concen: 84.70 ng  
RT: 8.840 min Scan# 978  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 82 Resp: 388441  
Ion Ratio Lower Upper  
82 100  
128 28.3 45.6 68.4#  
54 39.9 30.1 45.1

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

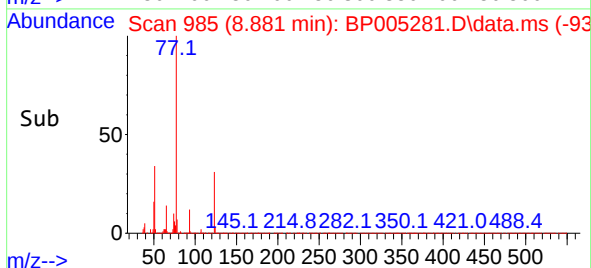
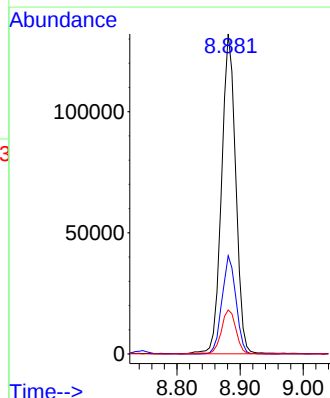
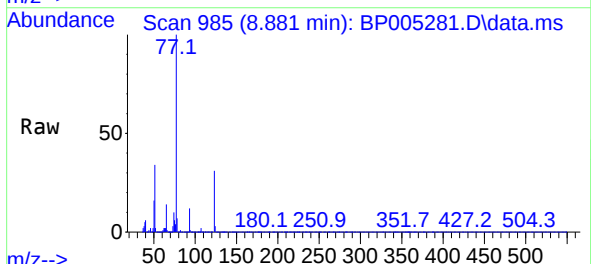
Manual Integrations  
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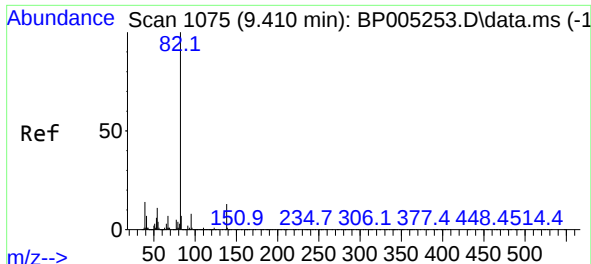
mohammad  
4/14/2021 11:50:55 AM



#24  
Nitrobenzene  
Concen: 43.54 ng  
RT: 8.881 min Scan# 985  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 77 Resp: 206420  
Ion Ratio Lower Upper  
77 100  
123 30.7 48.6 72.8#  
65 13.8 10.0 15.0





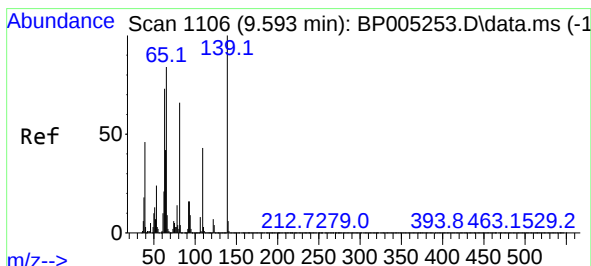
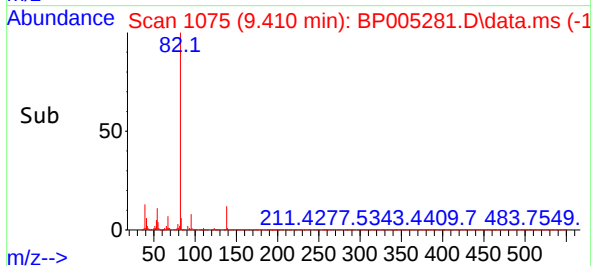
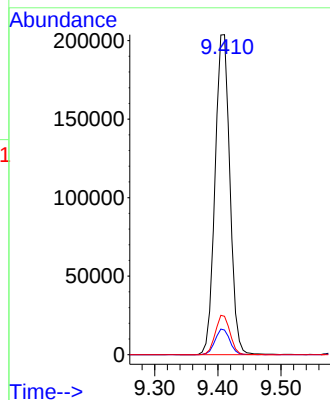
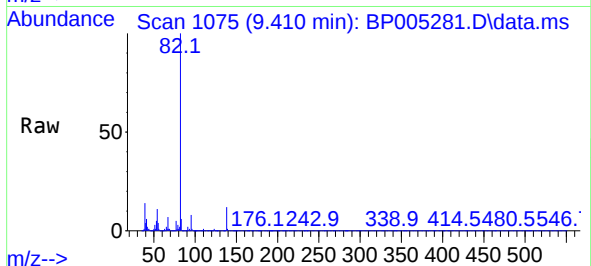
#25  
Isophorone  
Concen: 43.36 ng  
RT: 9.410 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 82 Resp: 331709  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.4 9.6  
138 12.0 18.7 28.1#

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

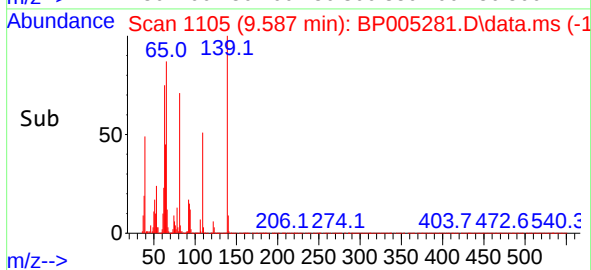
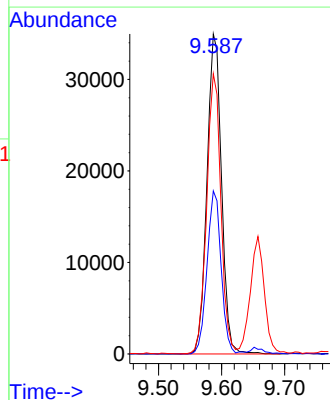
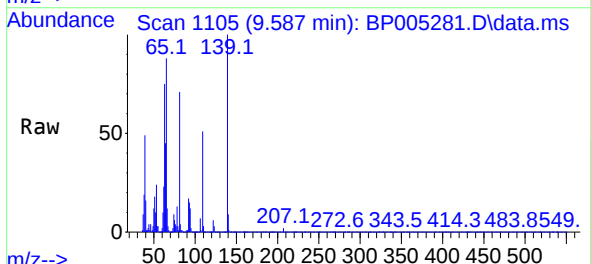
Manual Integrations  
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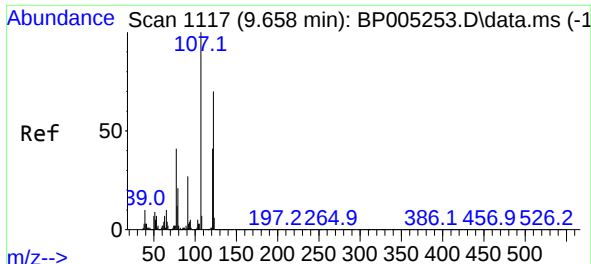
mohammad  
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#26  
2-Nitrophenol  
Concen: 42.31 ng  
RT: 9.587 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 139 Resp: 55709  
Ion Ratio Lower Upper  
139 100  
109 51.0 22.1 33.1#  
65 87.5 26.5 39.7#





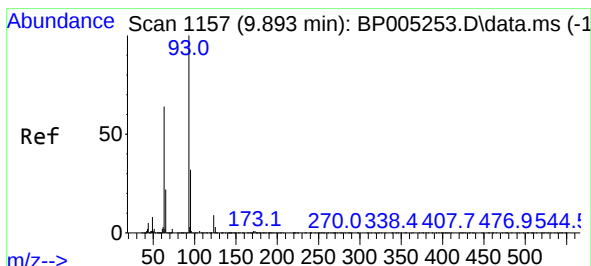
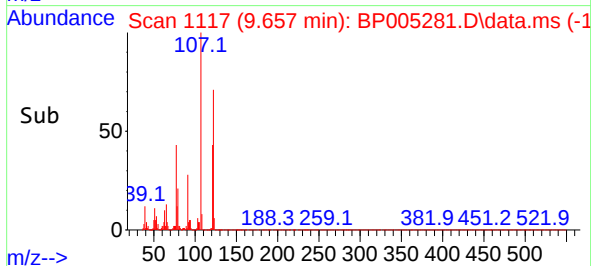
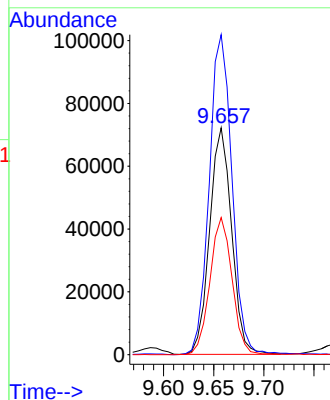
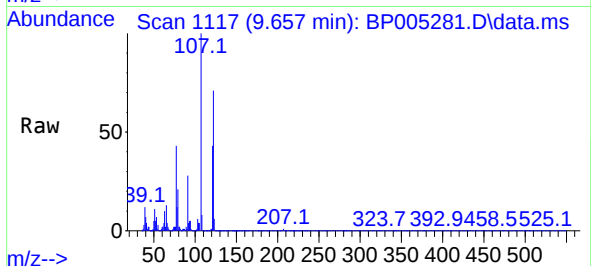
#27  
2,4-Dimethylphenol  
Concen: 51.54 ng  
RT: 9.657 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion: 122 Resp: 109885  
Ion Ratio Lower Upper  
122 100  
107 141.0 87.3 130.9#  
121 60.4 47.3 70.9

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

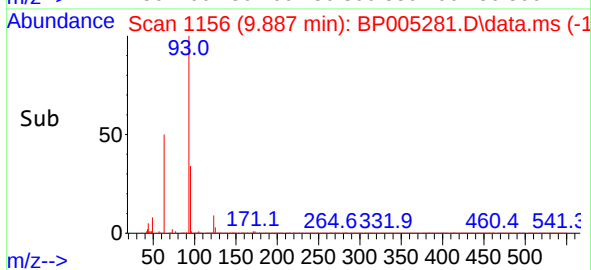
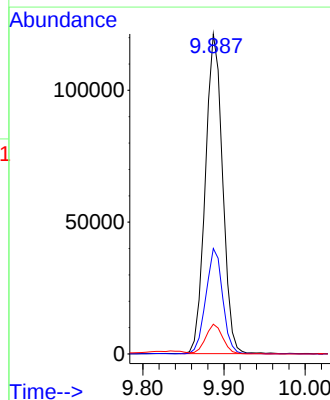
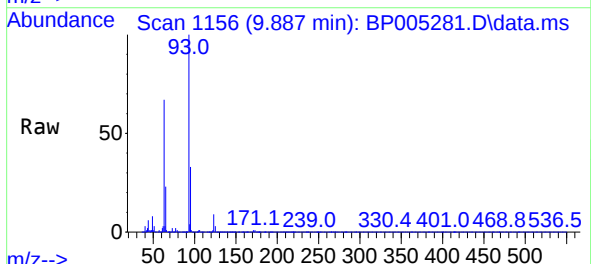
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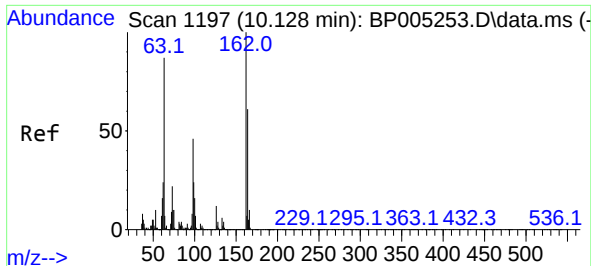
mohammad  
4/14/2021 11:50:55 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.26 ng  
RT: 9.887 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

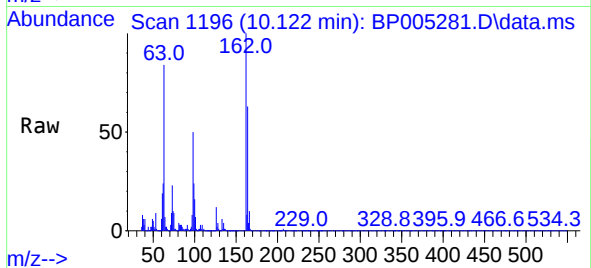
Tgt Ion: 93 Resp: 178647  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.7 40.1  
123 9.3 10.5 15.7#





#29  
2,4-Dichlorophenol  
Concen: 44.96 ng  
RT: 10.122 min Scan# 1196  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

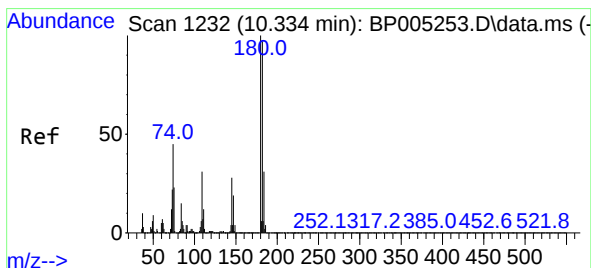
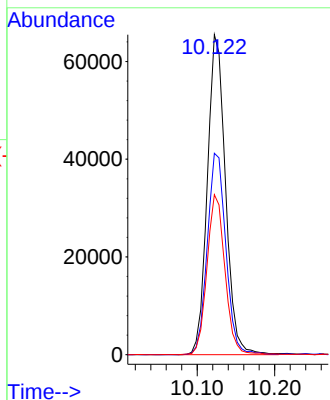
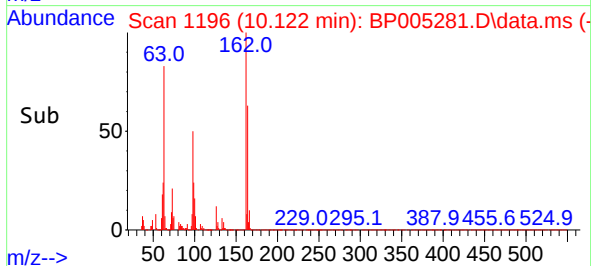
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



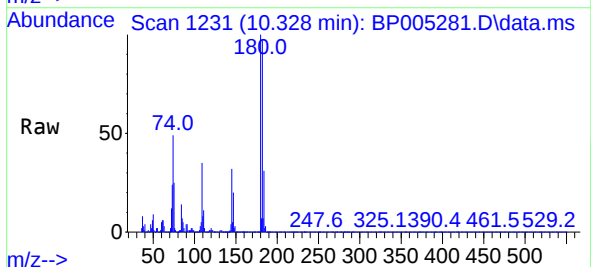
Tgt Ion:162 Resp: 106540  
Ion Ratio Lower Upper  
162 100  
164 62.9 45.8 85.8  
98 50.0 10.2 50.2

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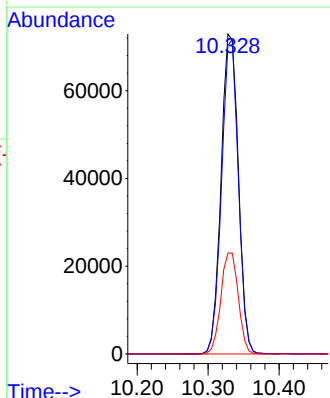
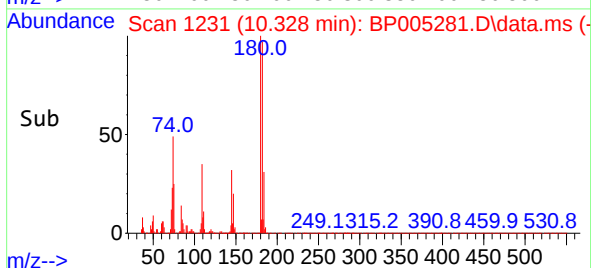
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4/14/2021 11:50:55 AM

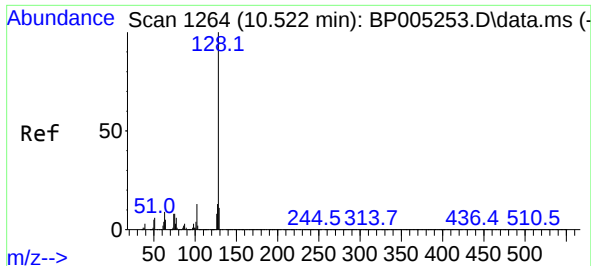


#30  
1,2,4-Trichlorobenzene  
Concen: 45.10 ng  
RT: 10.328 min Scan# 1231  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



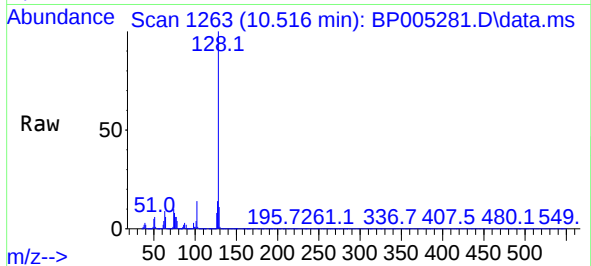
Tgt Ion:180 Resp: 122541  
Ion Ratio Lower Upper  
180 100  
182 96.5 76.2 114.2  
145 31.6 23.8 35.8





#31  
Naphthalene  
Concen: 44.67 ng  
RT: 10.516 min Scan# 1263  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

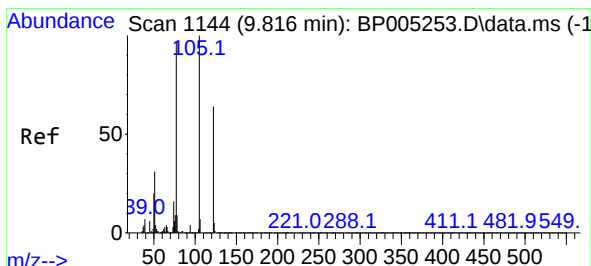
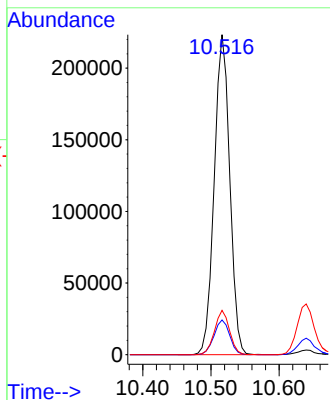
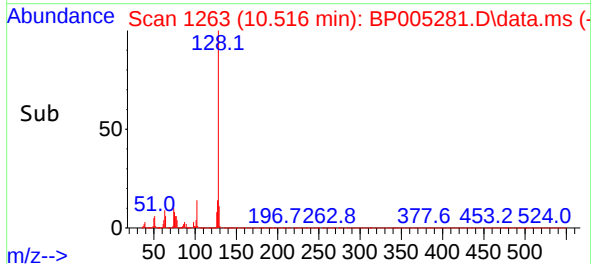
Instrument :  
BNA\_P  
ClientSampleID :  
PB135663BS



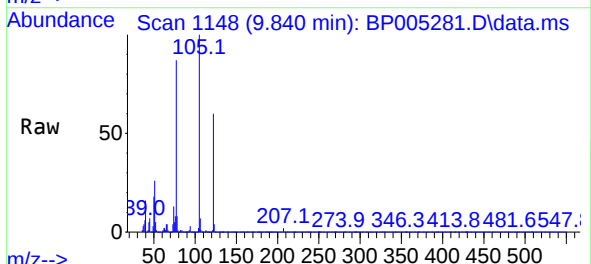
Tgt Ion:128 Resp: 353767  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.8 10.6 15.8

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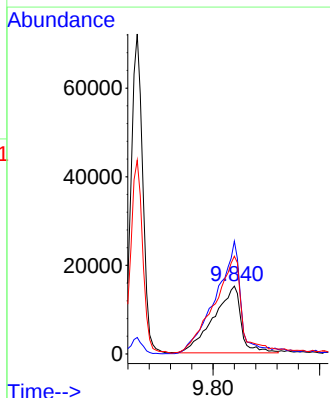
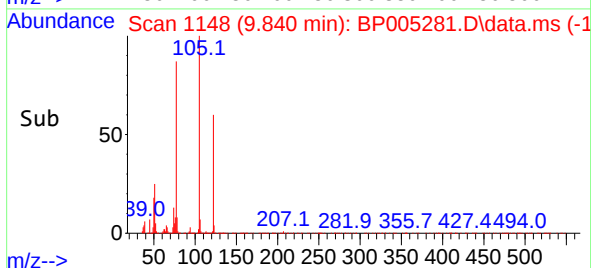
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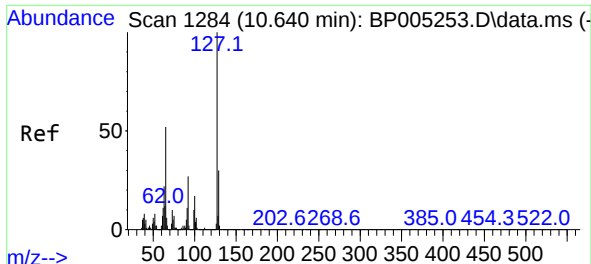


#32  
Benzoic acid  
Concen: 38.93 ng  
RT: 9.840 min Scan# 1148  
Delta R.T. 0.023 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



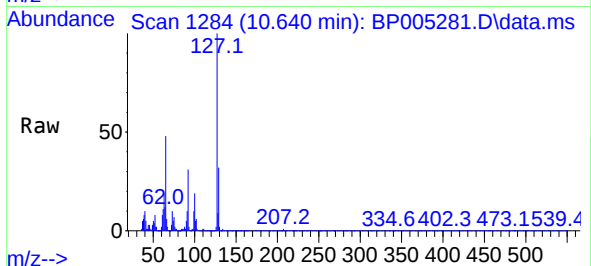
Tgt Ion:122 Resp: 54456  
Ion Ratio Lower Upper  
122 100  
105 166.2 94.1 134.1#  
77 144.3 50.1 90.1#





#33  
4-Chloroaniline  
Concen: 21.52 ng  
RT: 10.640 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

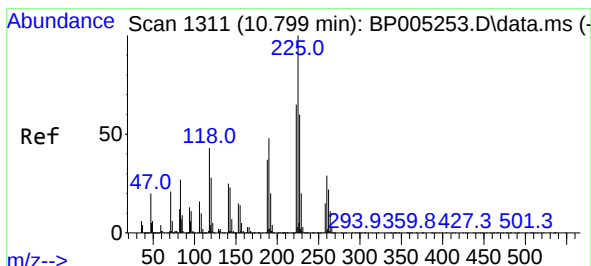
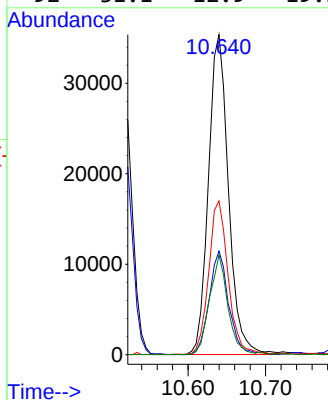
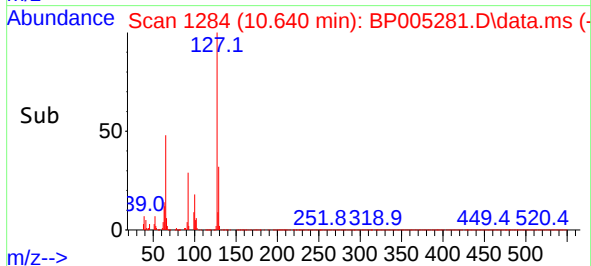
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



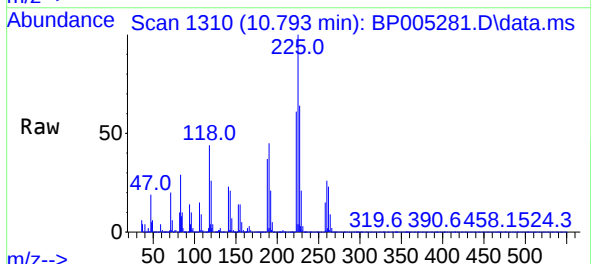
Tgt Ion:127 Resp: 63509  
Ion Ratio Lower Upper  
127 100  
129 32.4 25.7 38.5  
65 48.1 17.3 25.9#  
92 31.1 12.9 19.3#

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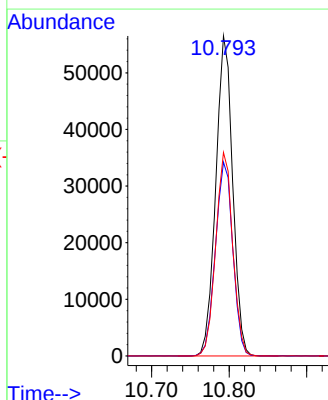
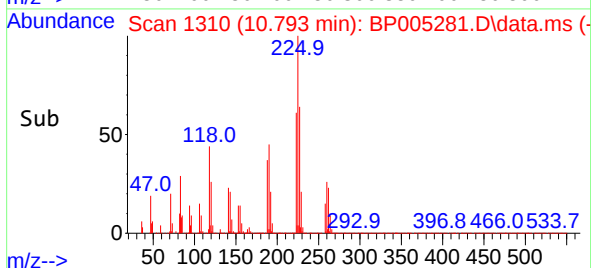
mohammad  
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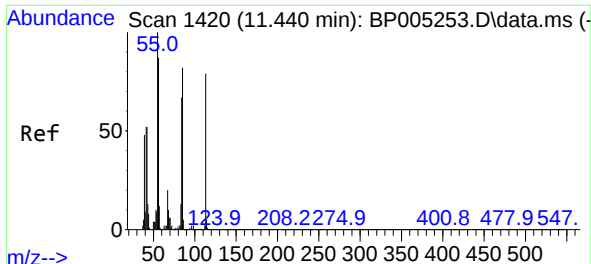


#34  
Hexachlorobutadiene  
Concen: 45.38 ng  
RT: 10.793 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



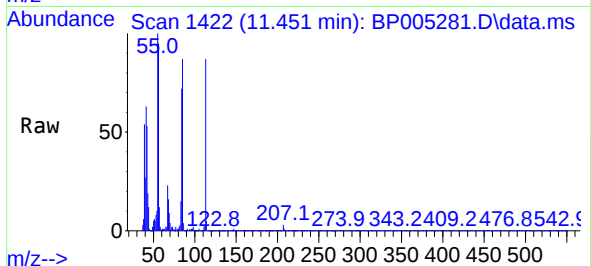
Tgt Ion:225 Resp: 85412  
Ion Ratio Lower Upper  
225 100  
223 60.6 50.1 75.1  
227 63.6 51.4 77.2





#35  
Caprolactam  
Concen: 41.82 ng m  
RT: 11.451 min Scan# 1422  
Delta R.T. 0.012 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

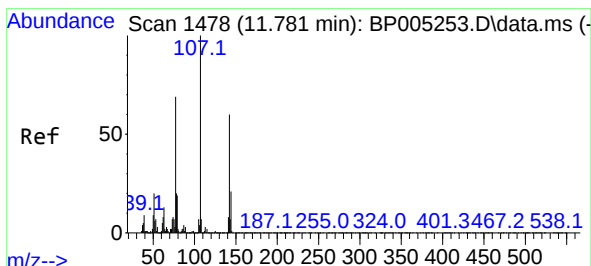
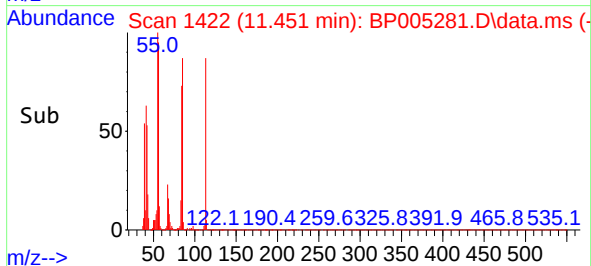
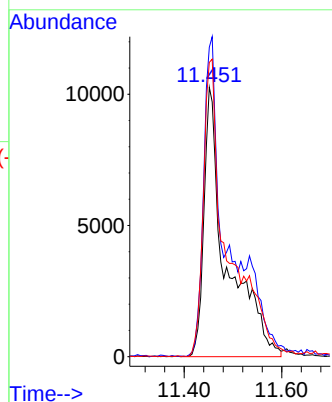
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



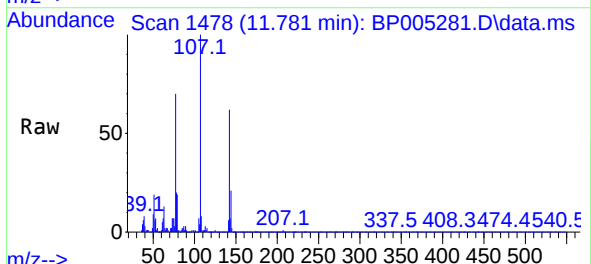
Tgt Ion:113 Resp: 32891  
Ion Ratio Lower Upper  
113 100  
55 114.8 77.3 117.3  
56 109.2 55.9 95.9#

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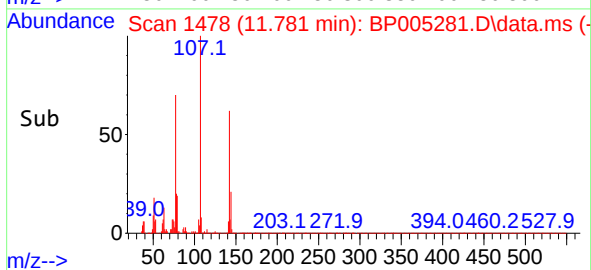
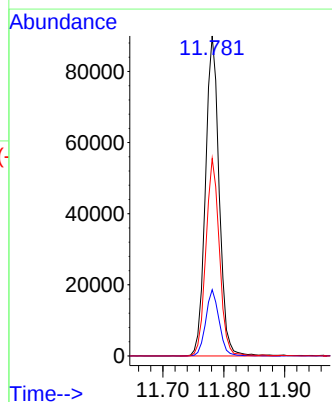
mohammad  
4/14/2021 11:50:55 AM

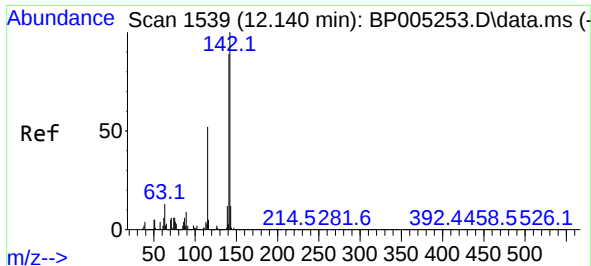


#36  
4-Chloro-3-methylphenol  
Concen: 45.92 ng  
RT: 11.781 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



Tgt Ion:107 Resp: 140729  
Ion Ratio Lower Upper  
107 100  
144 20.7 22.7 34.1#  
142 61.7 70.7 106.1#





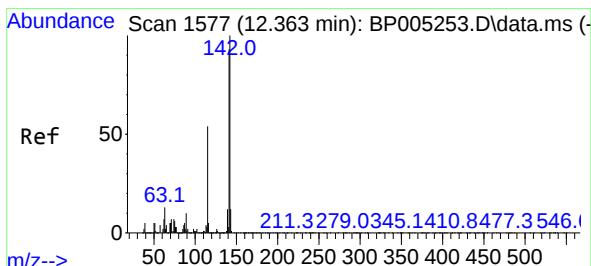
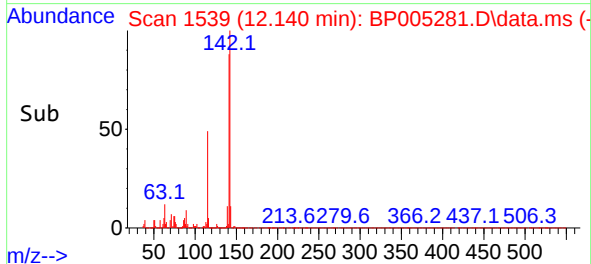
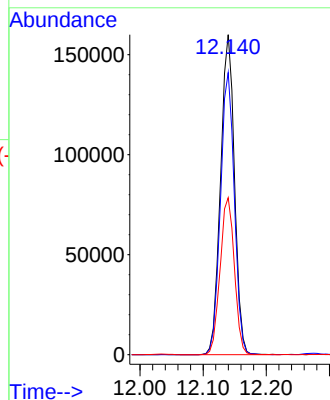
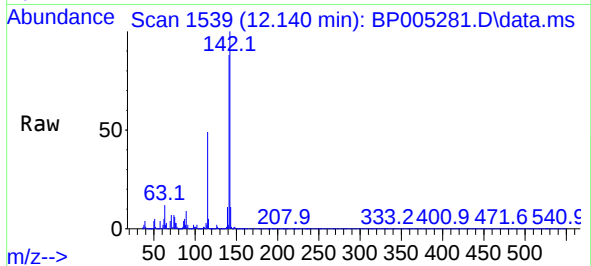
#37  
2-Methylnaphthalene  
Concen: 45.84 ng  
RT: 12.140 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:142 Resp: 246100  
Ion Ratio Lower Upper  
142 100  
141 88.2 71.4 107.2  
115 49.1 25.8 38.6#

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

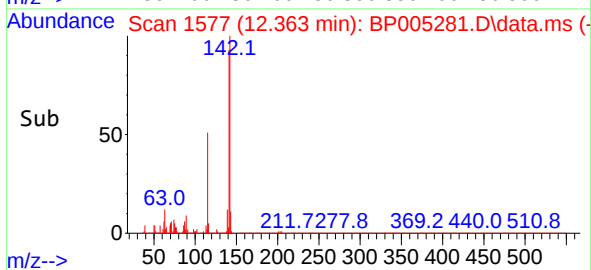
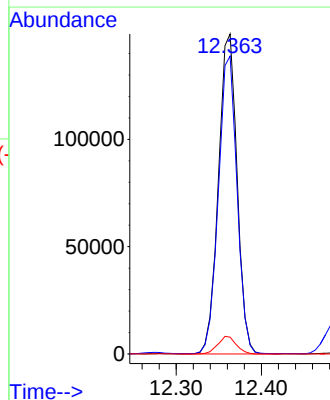
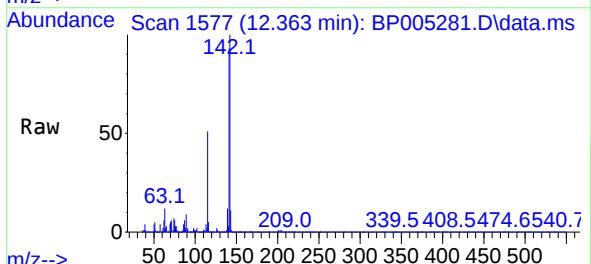
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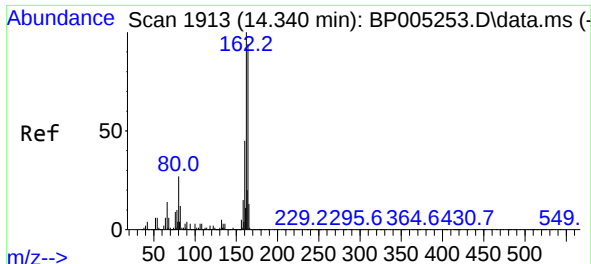
mohammad  
4/14/2021 11:50:55 AM



#38  
1-Methylnaphthalene  
Concen: 44.55 ng  
RT: 12.363 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

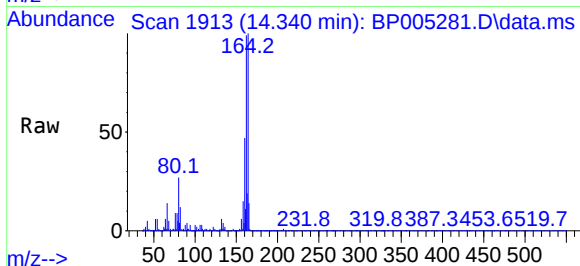
Tgt Ion:142 Resp: 226381  
Ion Ratio Lower Upper  
142 100  
141 93.1 74.4 111.6  
116 5.2 2.9 4.3#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.340 min Scan# 1913  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

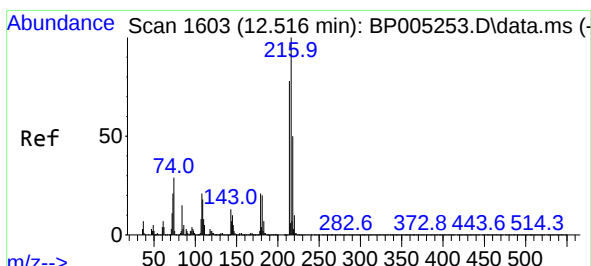
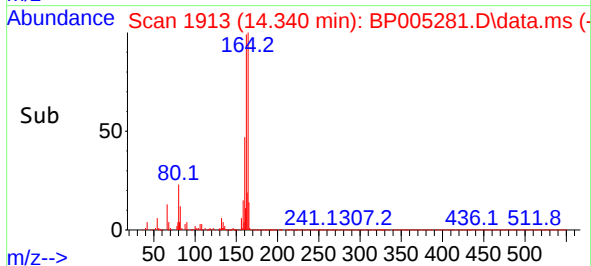
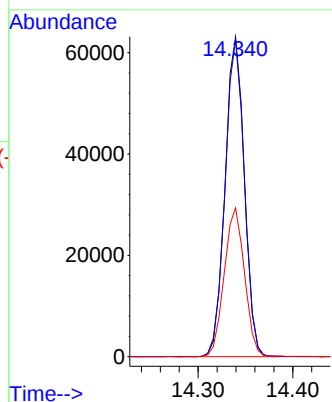
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



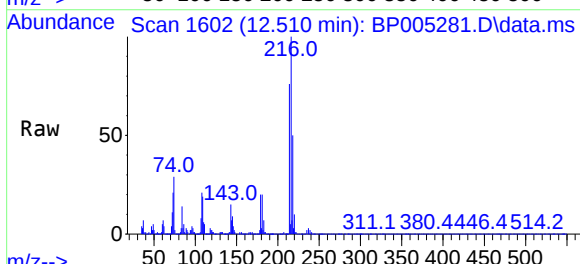
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Ion Ratio Lower Upper  
164 100  
162 99.0 79.4 119.2  
160 46.5 36.1 54.1

Manual Integrations  
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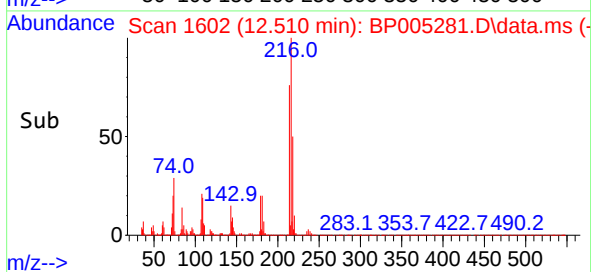
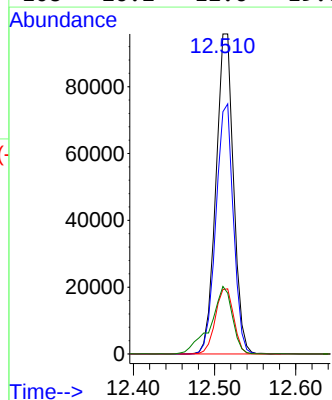
mohammad  
4/14/2021 11:50:55 AM

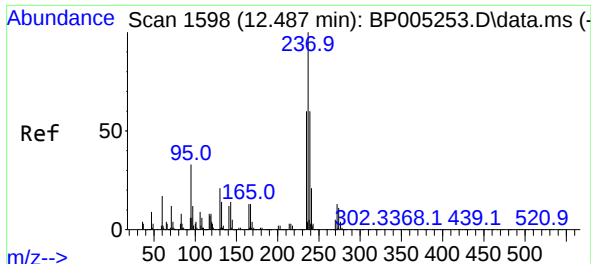


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.09 ng  
RT: 12.510 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



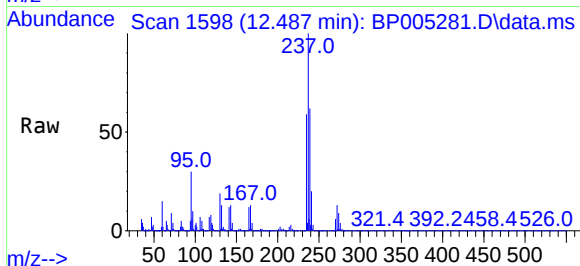
Tgt Ion:216 Resp: 144222  
Ion Ratio Lower Upper  
216 100  
214 77.6 63.0 94.6  
179 21.4 16.9 25.3  
108 26.2 12.6 19.0#





#41  
Hexachlorocyclopentadiene  
Concen: 117.96 ng  
RT: 12.487 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

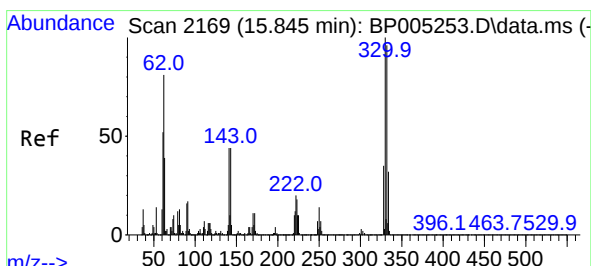
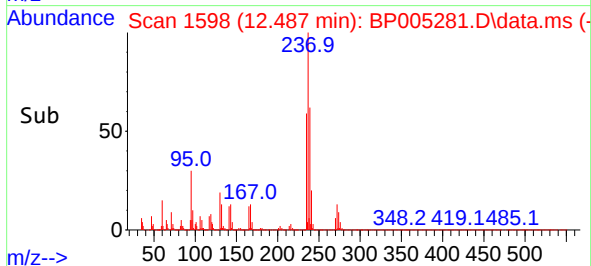
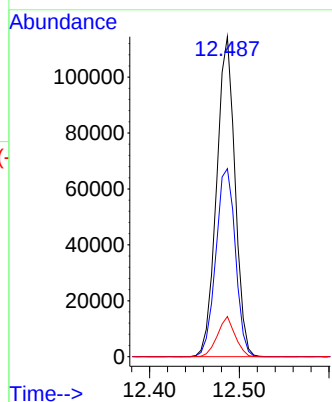
Instrument :  
BNA\_P  
ClientSampleID :  
PB135663BS



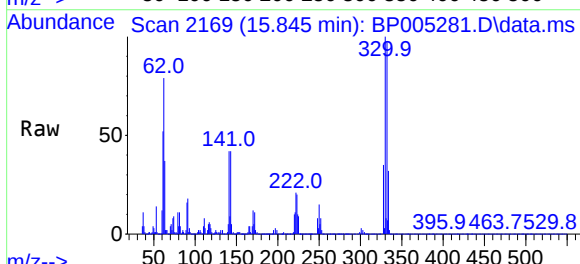
Tgt Ion:237 Resp: 162990  
Ion Ratio Lower Upper  
237 100  
235 58.7 43.2 83.2  
272 12.5 0.0 33.3

Manual Integrations  
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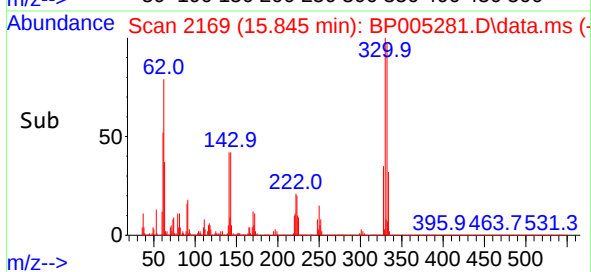
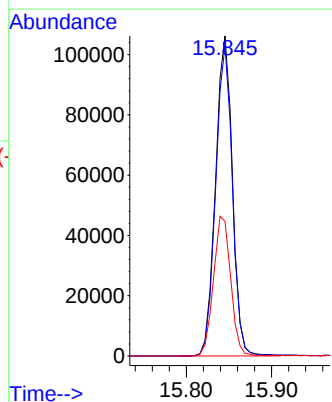
mohammad  
4/14/2021 11:50:55 AM

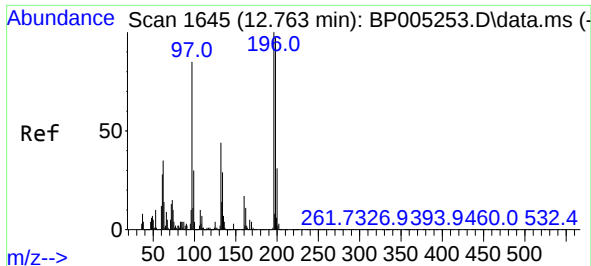


#42  
2,4,6-Tribromophenol  
Concen: 130.01 ng  
RT: 15.845 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



Tgt Ion:330 Resp: 146060  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.1 115.7  
141 44.5 23.4 35.2#





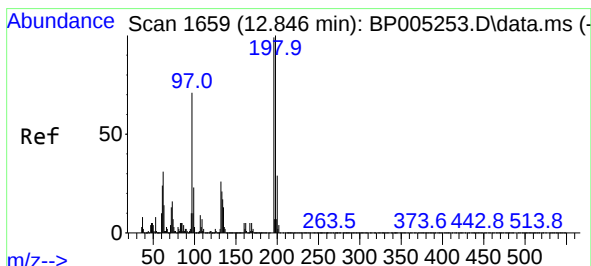
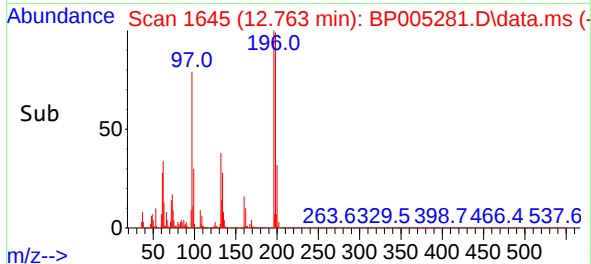
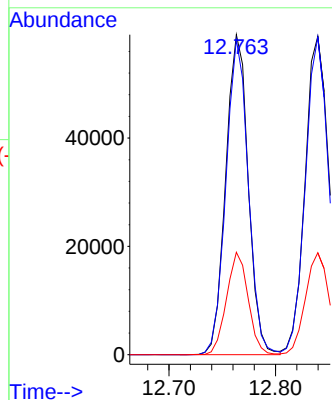
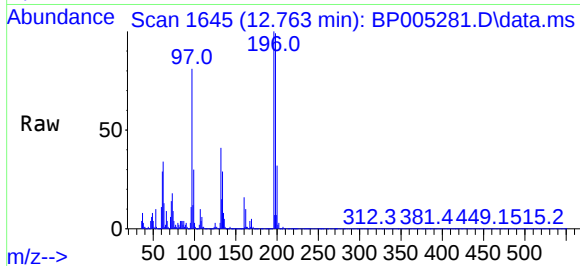
#43  
2,4,6-Trichlorophenol  
Concen: 46.01 ng  
RT: 12.763 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:196 Resp: 86686  
Ion Ratio Lower Upper  
196 100  
198 98.5 77.0 115.6  
200 32.0 25.1 37.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

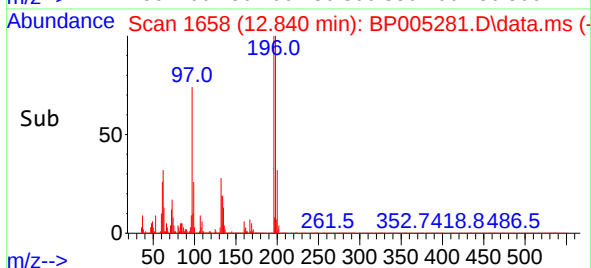
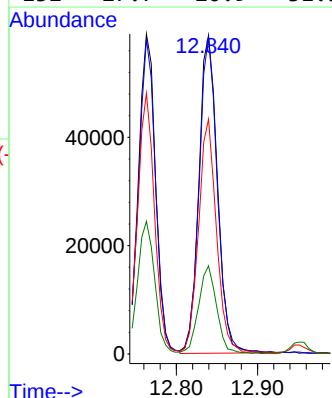
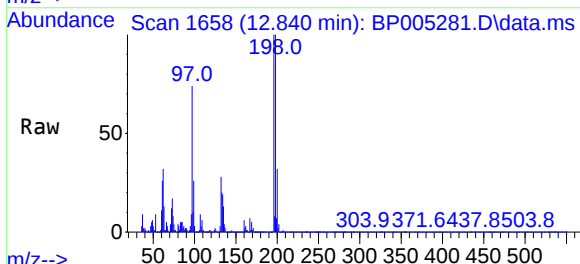
Manual Integrations  
APPROVED

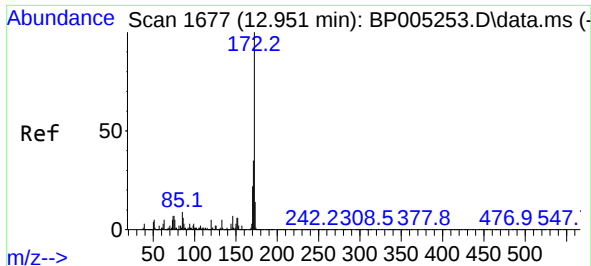
mohammad  
4/14/2021 11:50:55 AM



#44  
2,4,5-Trichlorophenol  
Concen: 45.37 ng  
RT: 12.840 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:196 Resp: 93270  
Ion Ratio Lower Upper  
196 100  
198 99.8 77.3 115.9  
97 73.7 31.0 46.4#  
132 27.7 20.9 31.3





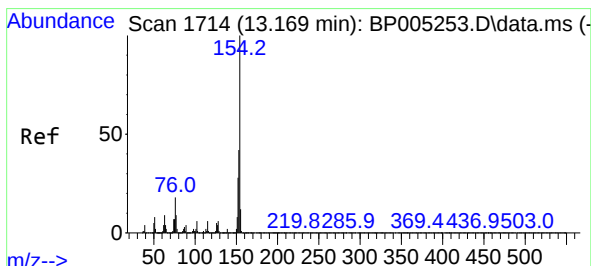
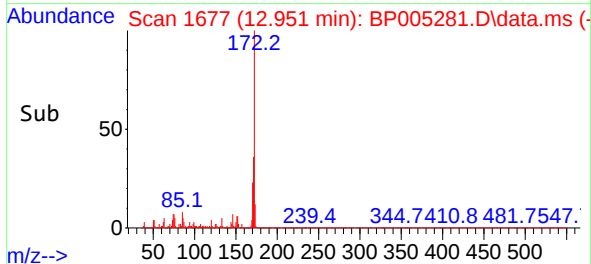
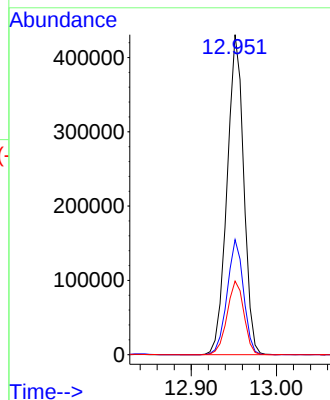
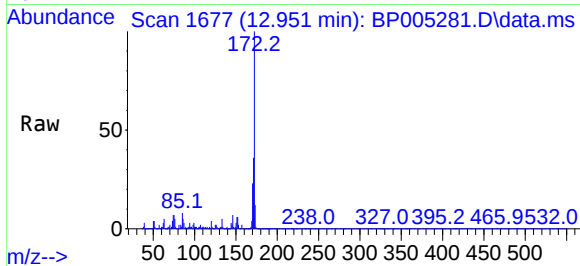
#45  
2-Fluorobiphenyl  
Concen: 88.56 ng  
RT: 12.951 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:172 Resp: 583864  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 23.0 19.2 28.8

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

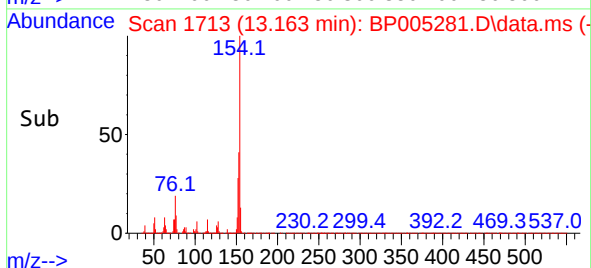
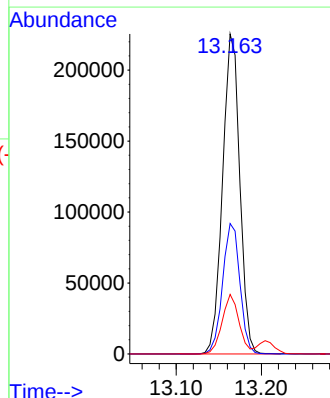
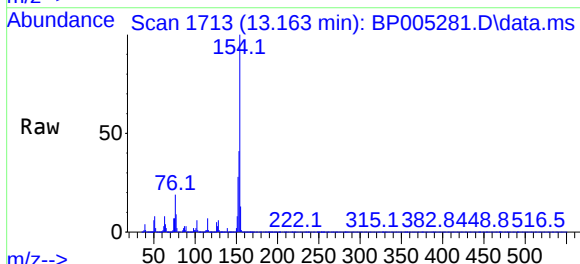
Manual Integrations  
APPROVED

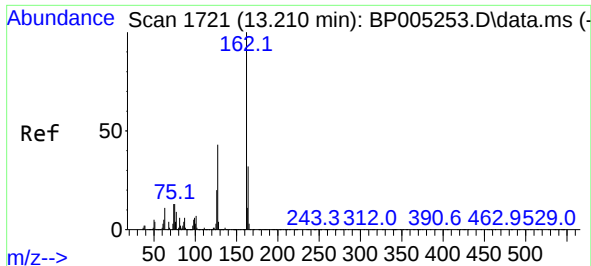
mohammad  
4/14/2021 11:50:55 AM



#46  
1,1'-Biphenyl  
Concen: 46.81 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:154 Resp: 315798  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.4 60.4  
76 18.6 0.0 29.3





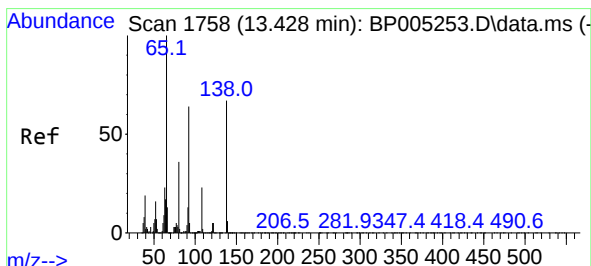
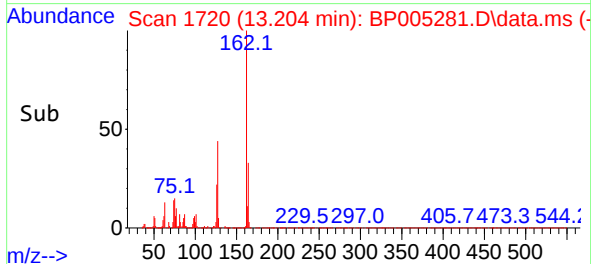
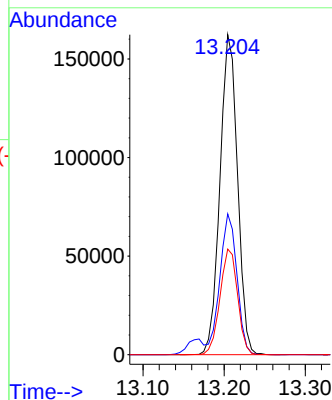
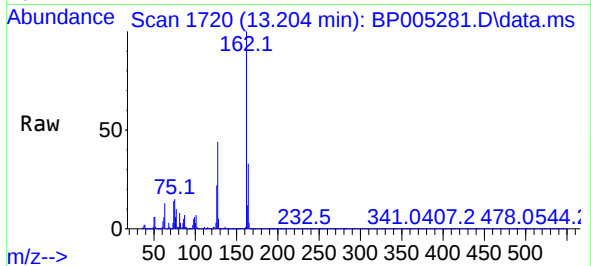
#47  
2-Chloronaphthalene  
Concen: 45.81 ng  
RT: 13.204 min Scan# 1720  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 244217 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 44.0  | 29.9  | 44.9   |
| 164      | 33.0  | 26.1  | 39.1   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

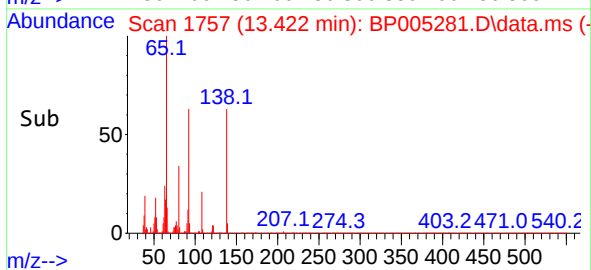
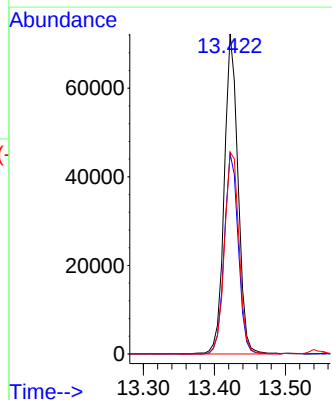
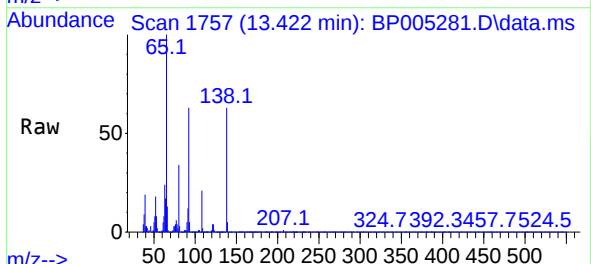
Manual Integrations  
APPROVED

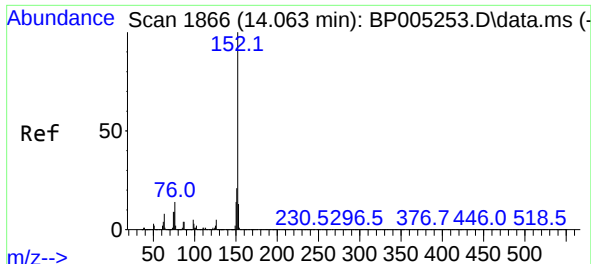
mohammad  
4/14/2021 11:50:55 AM



#48  
2-Nitroaniline  
Concen: 42.13 ng  
RT: 13.422 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 96668  |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 62.6  | 70.6  | 106.0# |
| 138      | 63.1  | 133.6 | 200.4# |





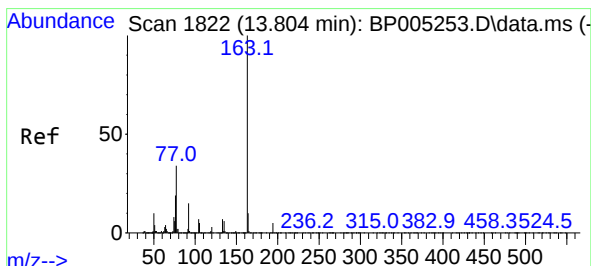
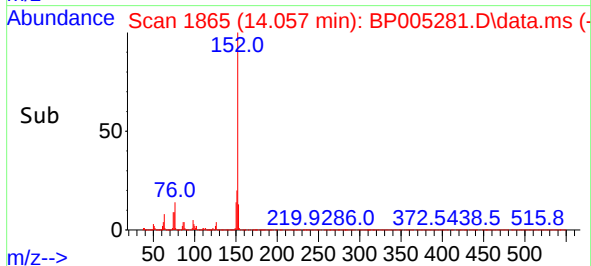
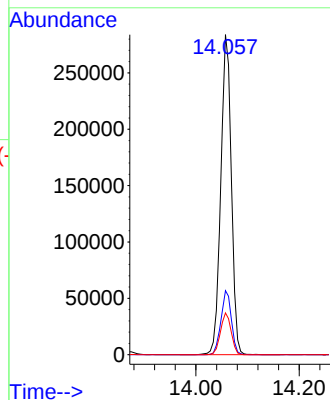
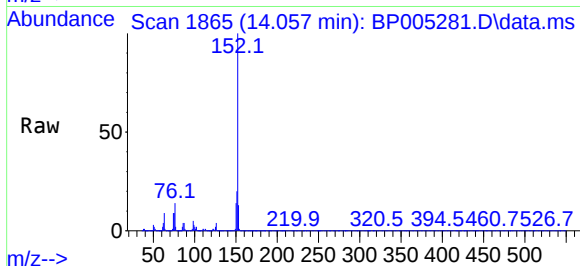
#49  
Acenaphthylene  
Concen: 48.69 ng  
RT: 14.057 min Scan# 1865  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 401497 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.0  | 15.9  | 23.9   |
| 153       | 13.1  | 10.5  | 15.7   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

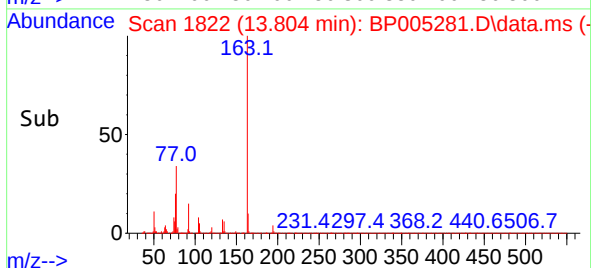
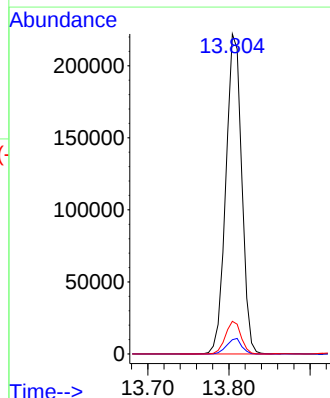
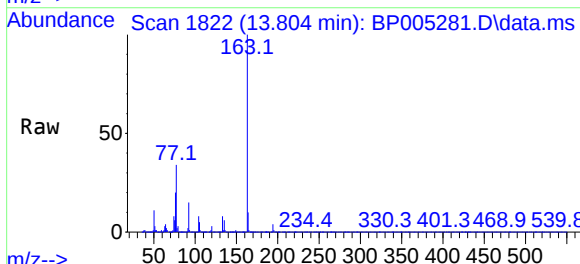
Manual Integrations  
APPROVED

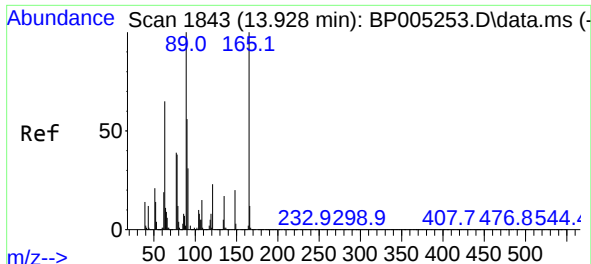
mohammad  
4/14/2021 11:50:55 AM



#50  
Dimethylphthalate  
Concen: 46.18 ng  
RT: 13.804 min Scan# 1822  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 301718 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.5   | 3.3   | 4.9    |
| 164       | 10.2  | 8.2   | 12.2   |





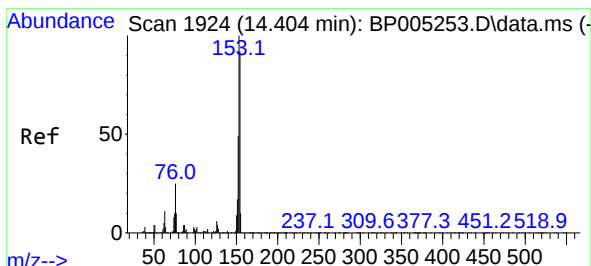
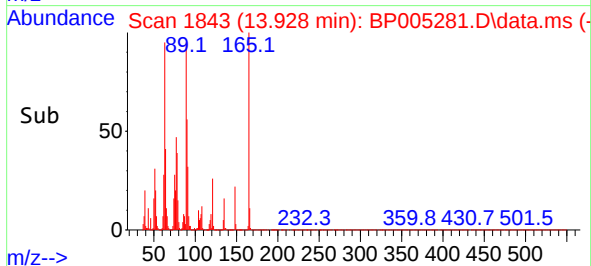
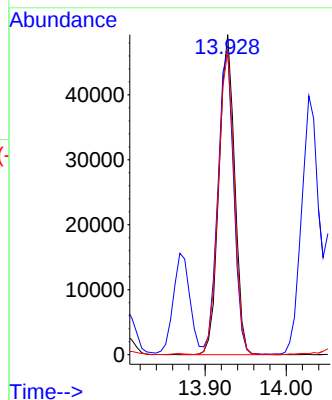
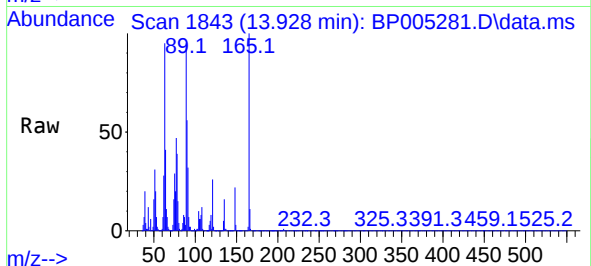
#51  
2,6-Dinitrotoluene  
Concen: 45.46 ng  
RT: 13.928 min Scan# 1843  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:165 Resp: 66050  
Ion Ratio Lower Upper  
165 100  
63 95.2 27.8 41.6#  
89 94.9 34.6 52.0#

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

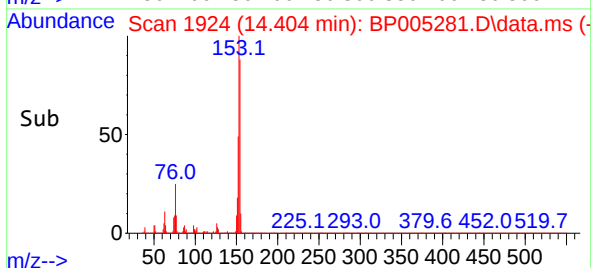
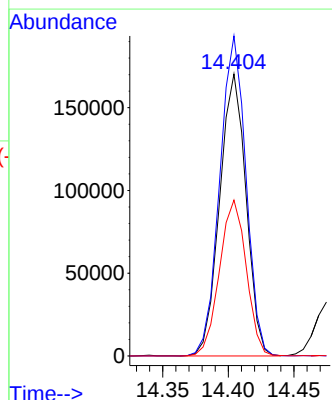
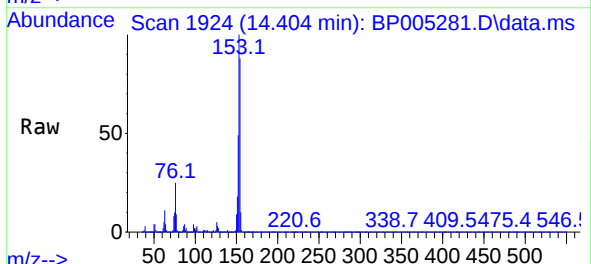
Manual Integrations  
APPROVED

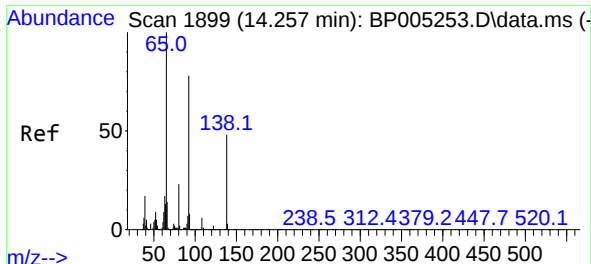
mohammad  
4/14/2021 11:50:55 AM



#52  
Acenaphthene  
Concen: 47.23 ng  
RT: 14.404 min Scan# 1924  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:154 Resp: 237920  
Ion Ratio Lower Upper  
154 100  
153 113.5 91.0 136.6  
152 55.3 43.0 64.6





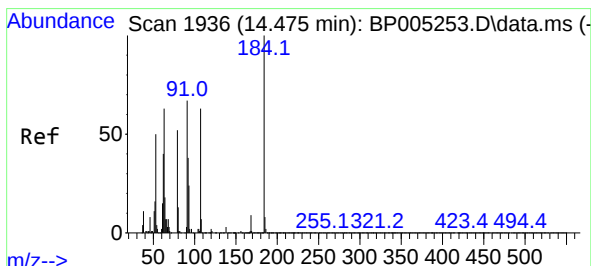
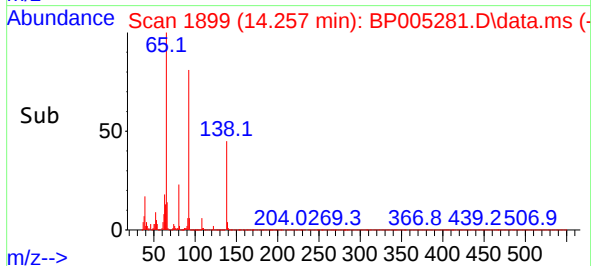
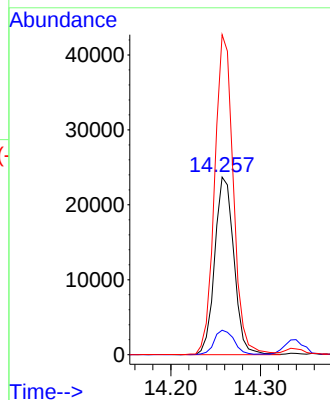
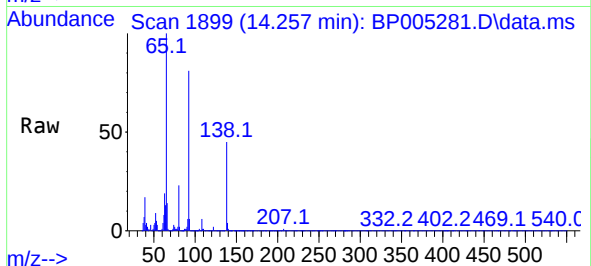
#53  
3-Nitroaniline  
Concen: 25.34 ng  
RT: 14.257 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:138 Resp: 35130  
Ion Ratio Lower Upper  
138 100  
108 13.8 7.5 11.3#  
92 180.1 75.0 112.6#

Instrument :  
BNA\_P  
ClientSampled :  
PB135663BS

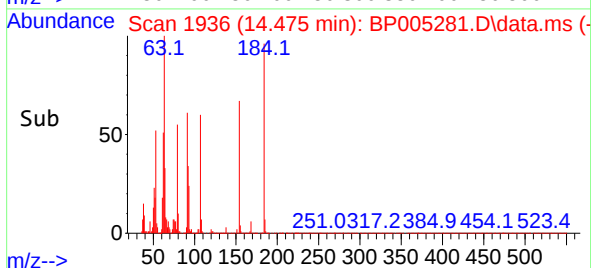
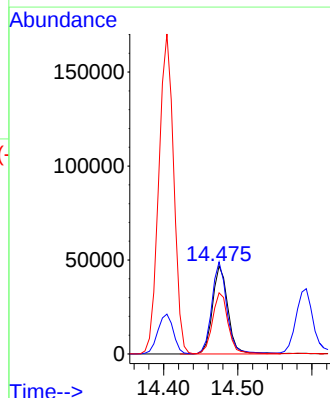
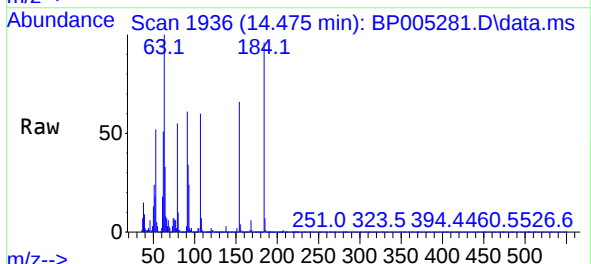
Manual Integrations  
APPROVED

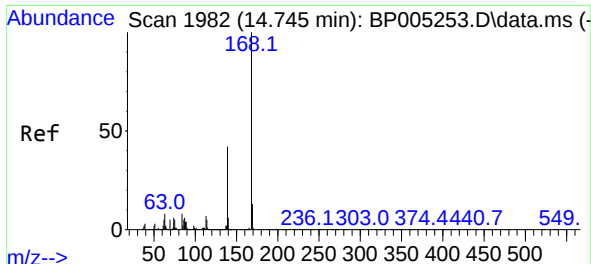
mohammad  
4/14/2021 11:50:55 AM



#54  
2,4-Dinitrophenol  
Concen: 73.47 ng  
RT: 14.475 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

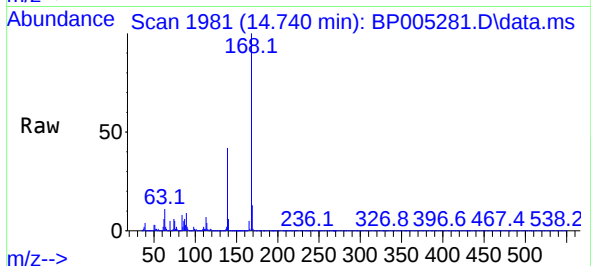
Tgt Ion:184 Resp: 67621  
Ion Ratio Lower Upper  
184 100  
63 104.5 32.3 48.5#  
154 69.5 49.1 73.7





#55  
Dibenzenofuran  
Concen: 45.18 ng  
RT: 14.740 min Scan# 1981  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

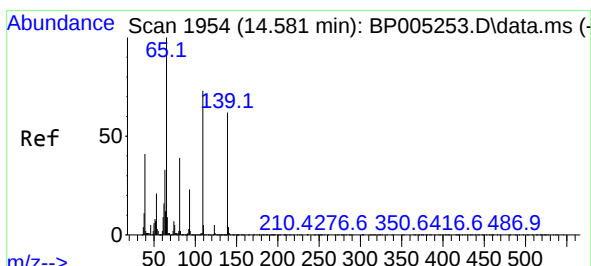
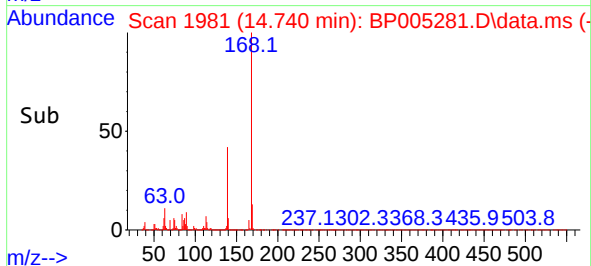
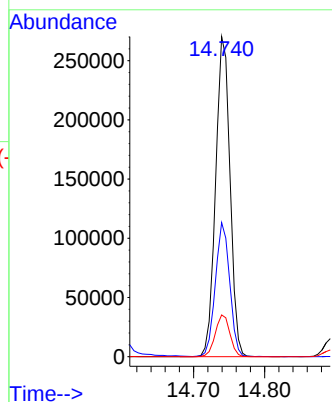
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



Tgt Ion:168 Resp: 379114  
Ion Ratio Lower Upper  
168 100  
139 41.9 29.1 43.7  
169 13.0 10.4 15.6

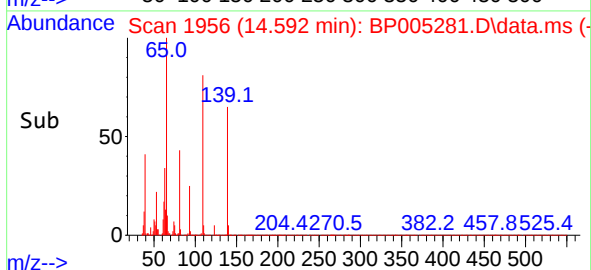
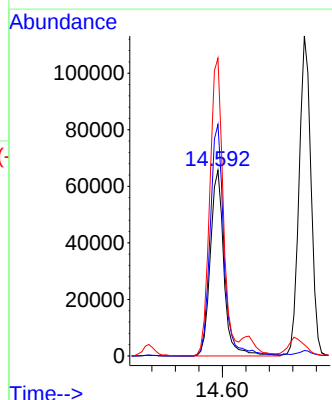
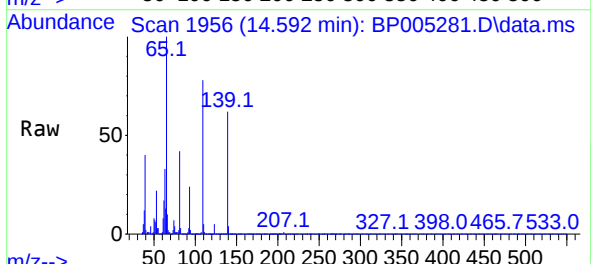
Manual Integrations  
APPROVED

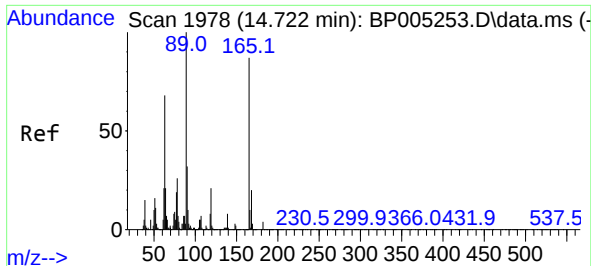
mohammad  
4/14/2021 11:50:55 AM



#56  
4-Nitrophenol  
Concen: 94.83 ng  
RT: 14.592 min Scan# 1956  
Delta R.T. 0.011 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

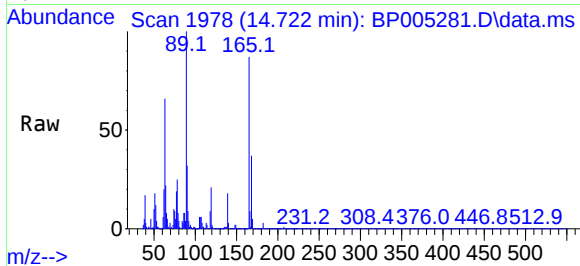
Tgt Ion:139 Resp: 105553  
Ion Ratio Lower Upper  
139 100  
109 124.8 44.6 84.6#  
65 160.4 41.6 81.6#





#57  
2,4-Dinitrotoluene  
Concen: 47.08 ng  
RT: 14.722 min Scan# 1978  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

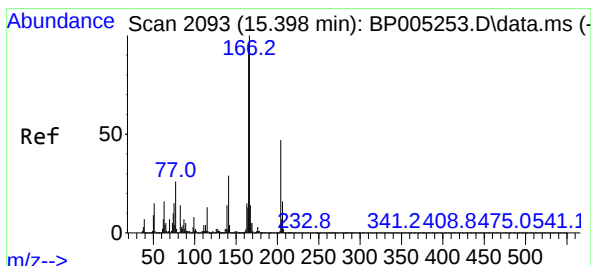
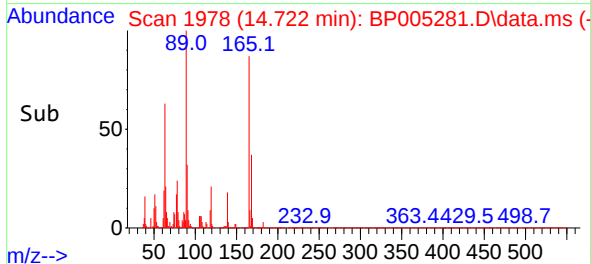
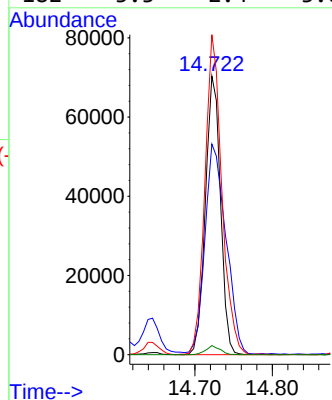
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



Tgt Ion:165 Resp: 95091  
Ion Ratio Lower Upper  
165 100  
63 75.6 20.6 31.0#  
89 114.9 42.6 63.8#  
182 3.3 2.4 3.6

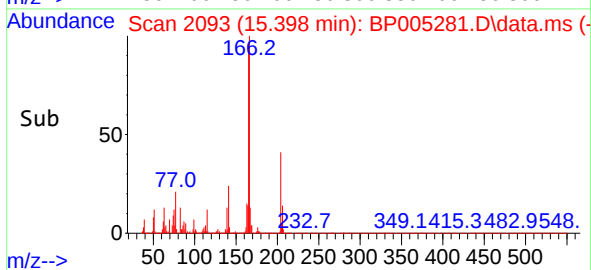
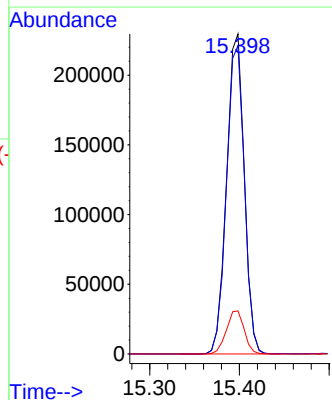
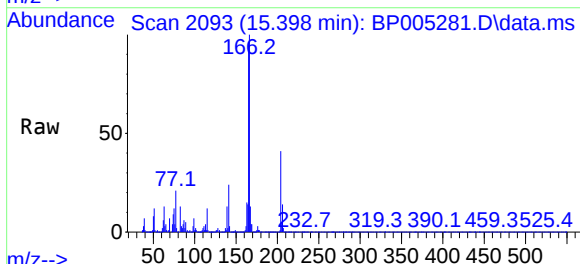
Manual Integrations  
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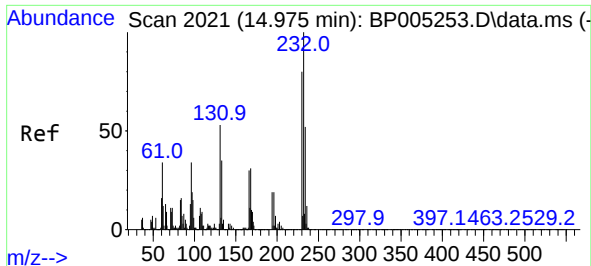
mohammad  
4/14/2021 11:50:55 AM



#58  
Fluorene  
Concen: 46.19 ng  
RT: 15.398 min Scan# 2093  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:166 Resp: 314091  
Ion Ratio Lower Upper  
166 100  
165 96.4 77.8 116.8  
167 13.4 11.0 16.4





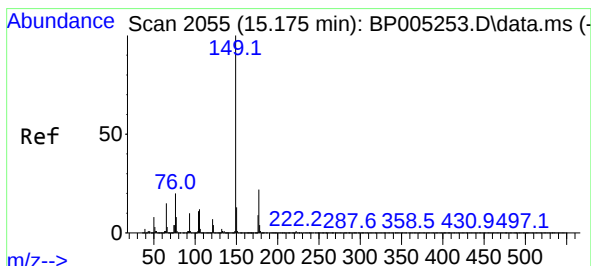
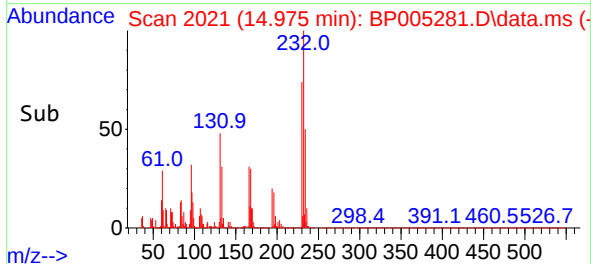
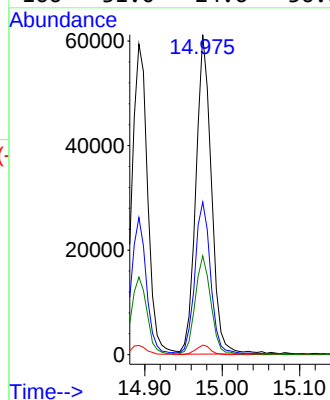
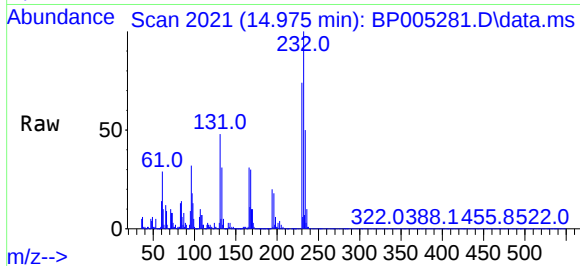
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.38 ng  
RT: 14.975 min Scan# 2021  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 84914 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 48.8  | 34.1  | 51.1  |
| 130       | 2.9   | 1.8   | 2.8#  |
| 166       | 31.0  | 24.6  | 36.8  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

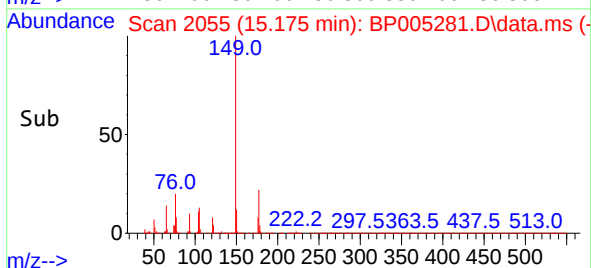
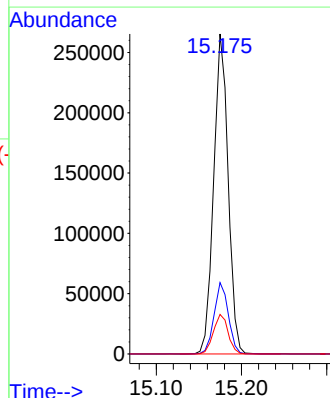
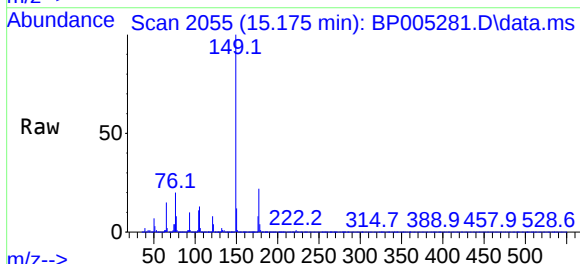
Manual Integrations  
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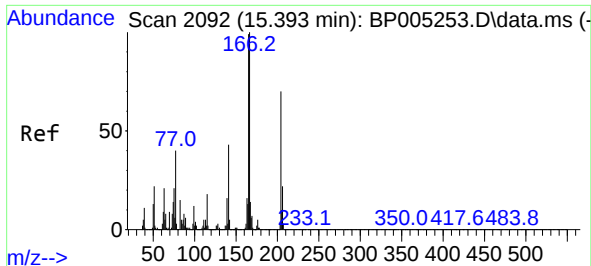
mohammad  
4/14/2021 11:50:55 AM



#60  
Diethylphthalate  
Concen: 46.94 ng  
RT: 15.175 min Scan# 2055  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 313687 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.3  | 18.0  | 27.0   |
| 150       | 12.3  | 10.0  | 15.0   |





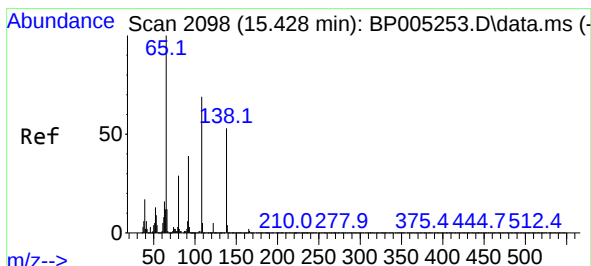
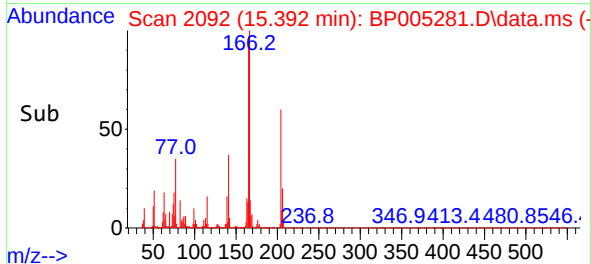
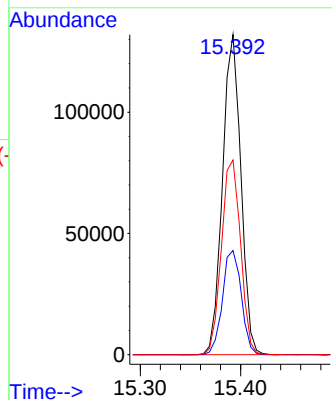
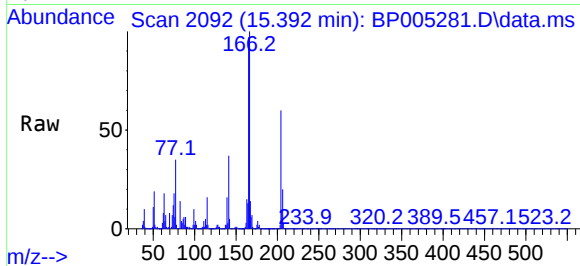
#61  
4-Chlorophenyl-phenylether  
Concen: 46.99 ng  
RT: 15.392 min Scan# 2092  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

Tgt Ion:204 Resp: 167668  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.9 38.9  
141 60.9 46.5 69.7

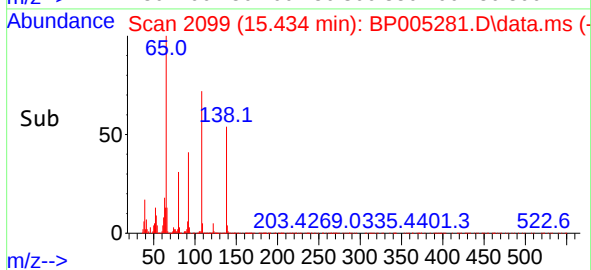
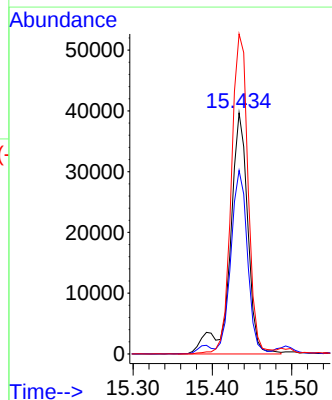
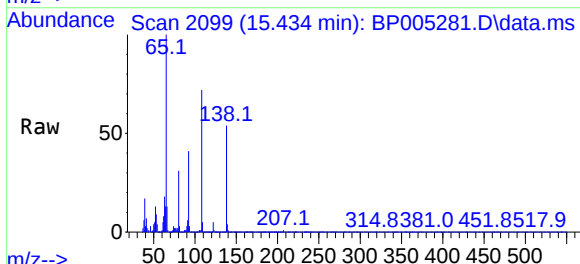
Manual Integrations  
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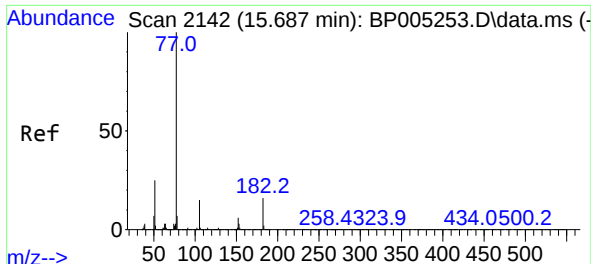
mohammad  
4/14/2021 11:50:55 AM



#62  
4-Nitroaniline  
Concen: 41.25 ng m  
RT: 15.434 min Scan# 2099  
Delta R.T. 0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

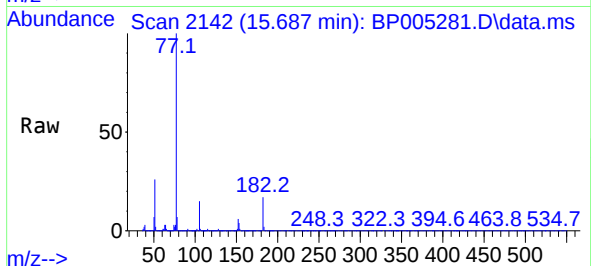
Tgt Ion:138 Resp: 61413  
Ion Ratio Lower Upper  
138 100  
92 76.1 20.7 60.7#  
108 132.7 47.8 87.8#





#63  
Azobenzene  
Concen: 44.60 ng  
RT: 15.687 min Scan# 2142  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

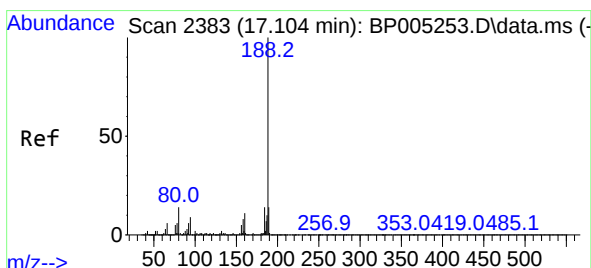
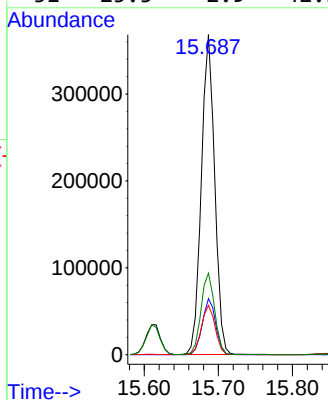
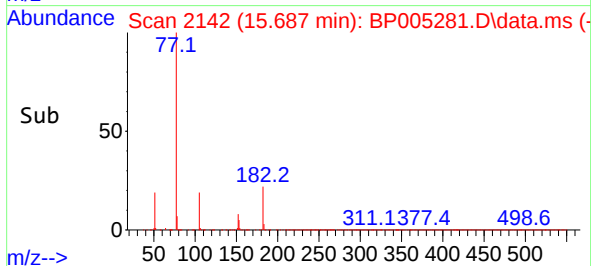
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



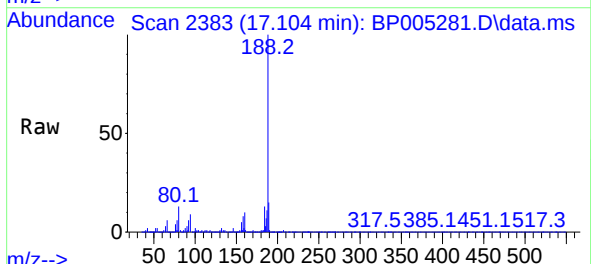
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 459939 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 17.5  | 16.9  | 56.9   |
| 105      | 15.4  | 5.6   | 45.6   |
| 51       | 25.5  | 2.9   | 42.9   |

Manual Integrations  
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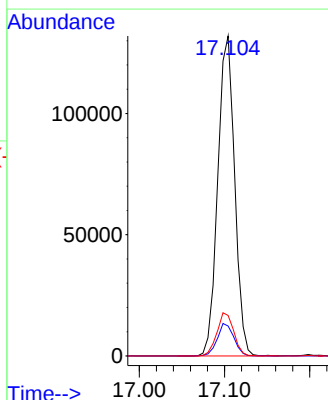
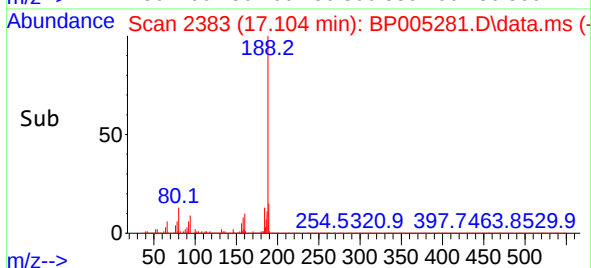
mohammad  
4/14/2021 11:50:55 AM

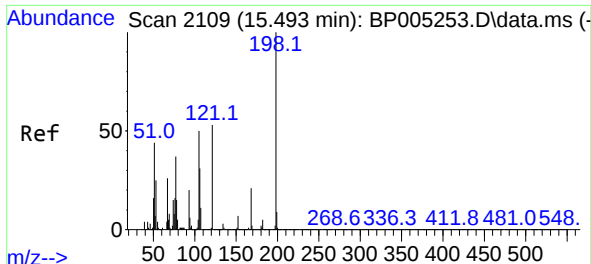


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.104 min Scan# 2383  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 181608 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.4   | 6.2   | 9.2#   |
| 80       | 12.7  | 6.2   | 9.2#   |





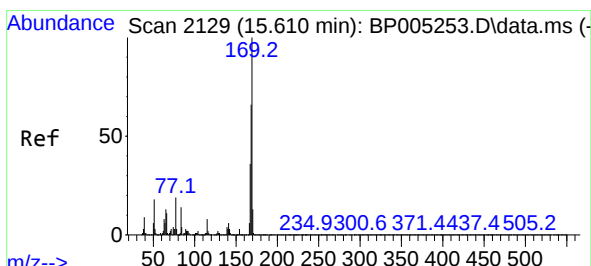
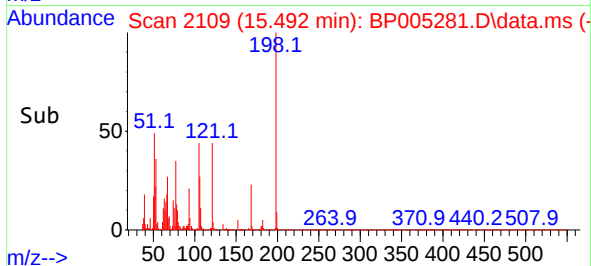
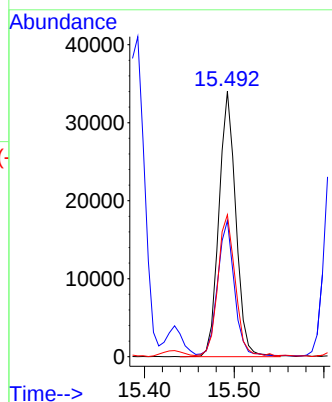
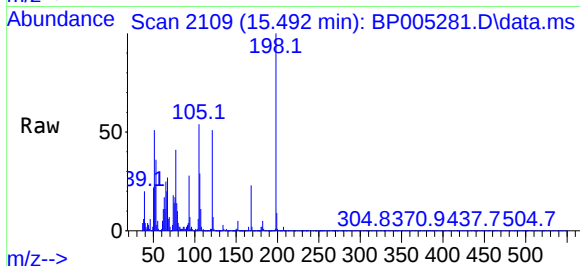
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.43 ng  
RT: 15.492 min Scan# 2109  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 51.3  | 6.4   | 46.4# |
| 105     | 53.5  | 18.9  | 58.9  |

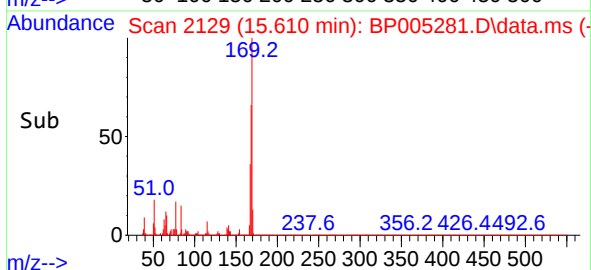
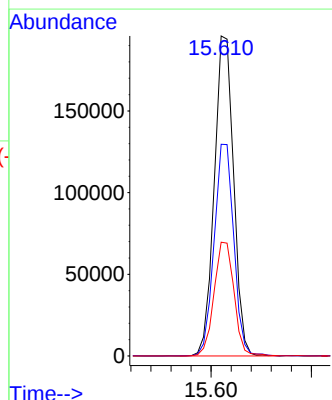
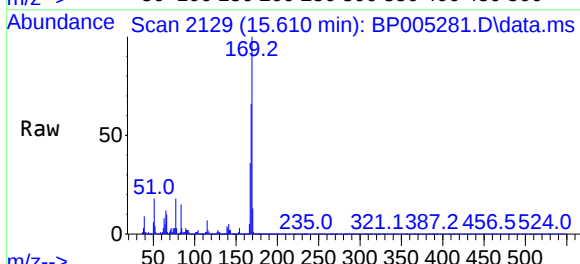
Manual Integrations  
APPROVED

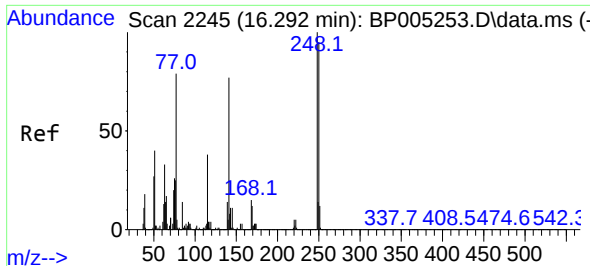
mohammad  
4/14/2021 11:50:55 AM



#66  
n-Nitrosodiphenylamine  
Concen: 47.80 ng  
RT: 15.610 min Scan# 2129  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

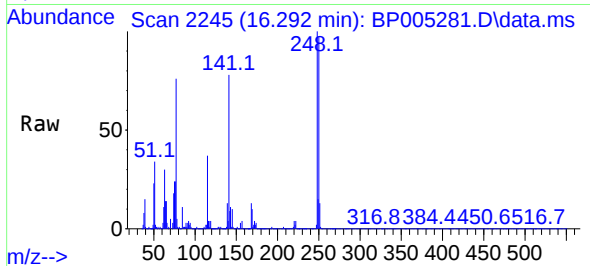
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.1  | 53.8  | 80.6  |
| 167     | 35.6  | 28.9  | 43.3  |





#67  
4-Bromophenyl-phenylether  
Concen: 47.66 ng  
RT: 16.292 min Scan# 2245  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

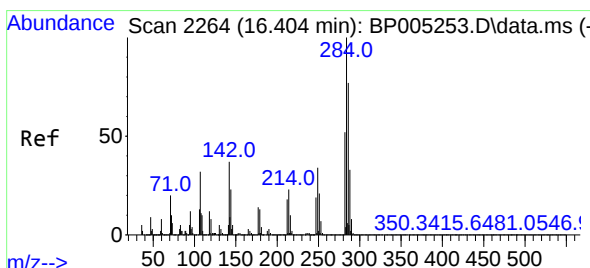
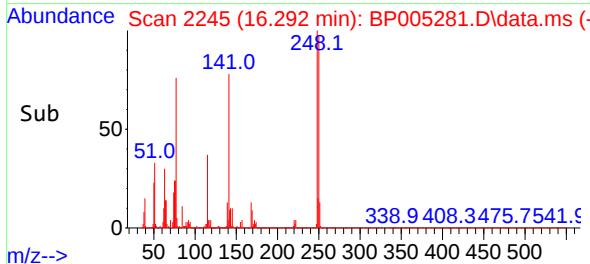
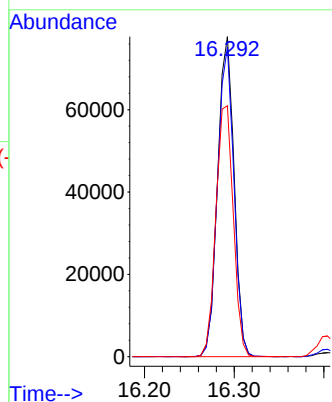
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



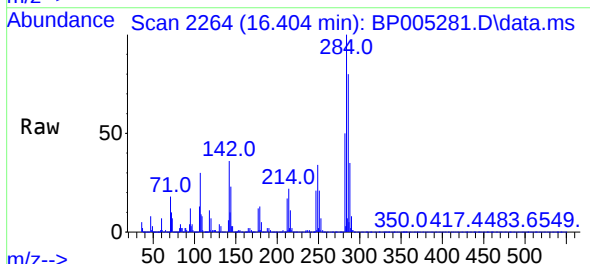
Tgt Ion:248 Resp: 98883  
Ion Ratio Lower Upper  
248 100  
250 96.9 76.7 115.1  
141 78.4 53.0 79.6

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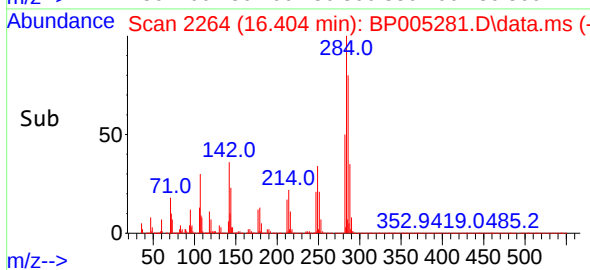
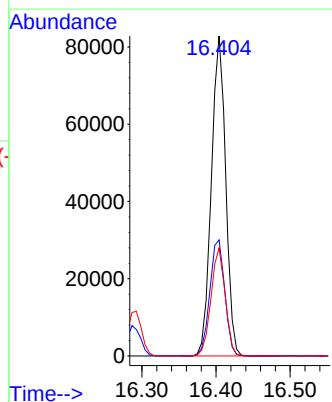
mohammad  
4/14/2021 11:50:55 AM

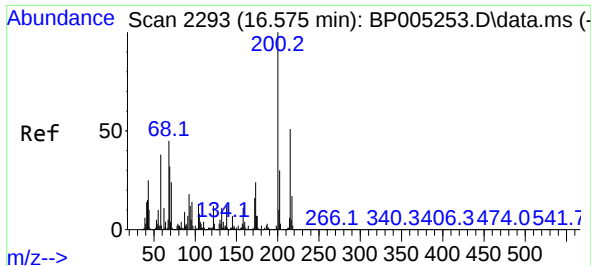


#68  
Hexachlorobenzene  
Concen: 50.02 ng  
RT: 16.404 min Scan# 2264  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



Tgt Ion:284 Resp: 110943  
Ion Ratio Lower Upper  
284 100  
142 36.3 24.2 36.4  
249 33.8 23.8 35.8





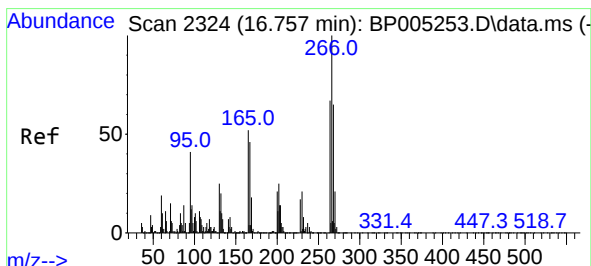
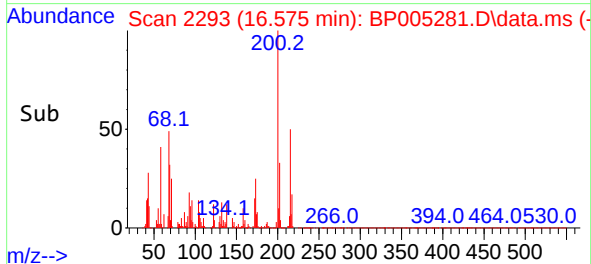
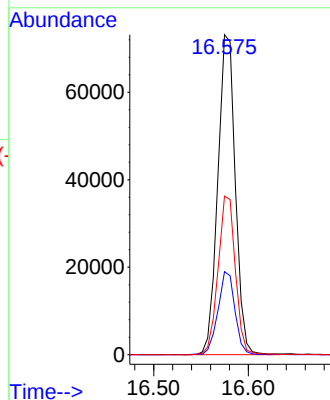
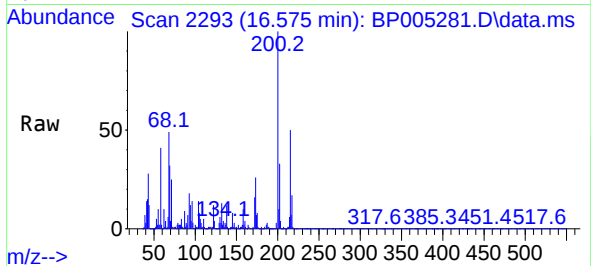
#69  
Atrazine  
Concen: 49.05 ng  
RT: 16.575 min Scan# 2293  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 94166 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.9  | 5.9   | 45.9  |
| 215       | 49.5  | 28.4  | 68.4  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

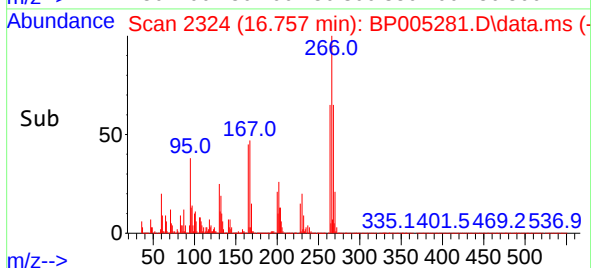
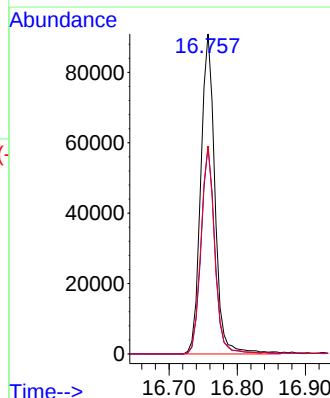
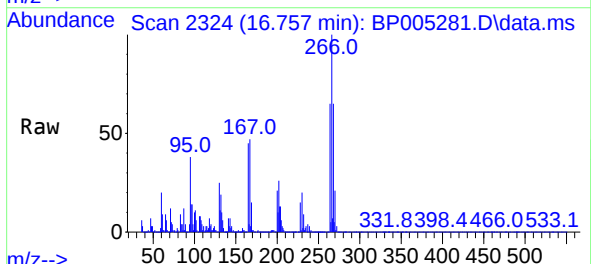
Manual Integrations  
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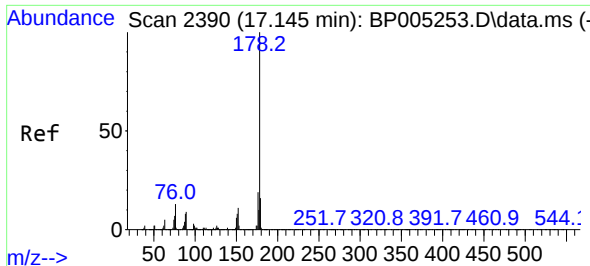
mohammad  
4/14/2021 11:50:55 AM



#70  
Pentachlorophenol  
Concen: 98.24 ng  
RT: 16.757 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 131475 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 65.0  | 51.1  | 76.7   |
| 264       | 65.0  | 50.6  | 76.0   |





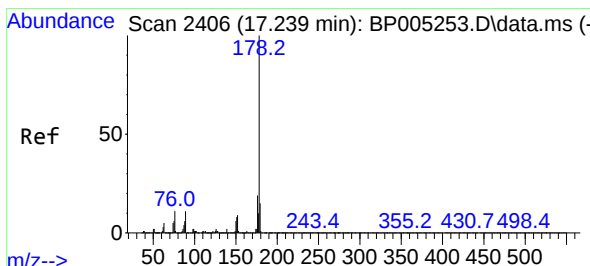
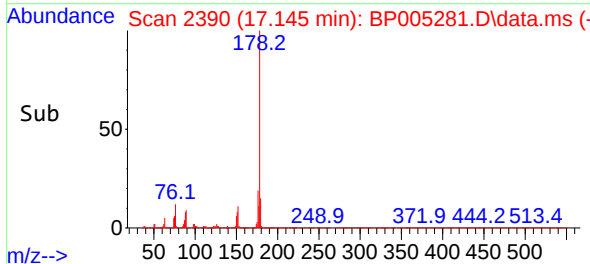
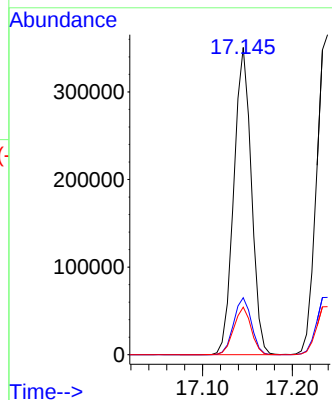
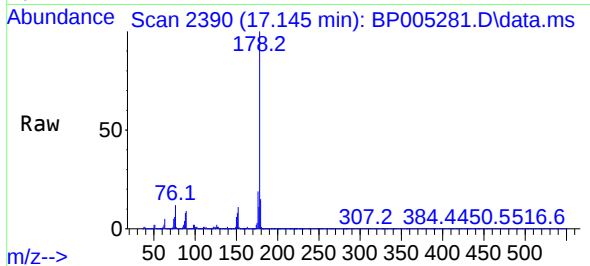
#71  
Phenanthrene  
Concen: 46.23 ng  
RT: 17.145 min Scan# 2390  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:178 Resp: 474619  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.3 22.9  
179 15.5 12.5 18.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

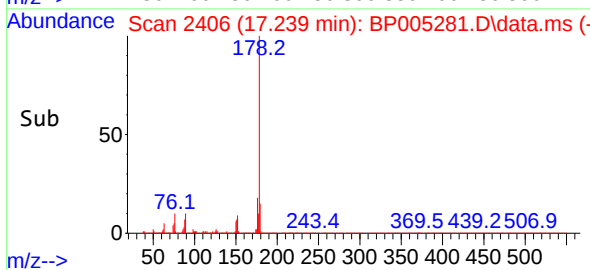
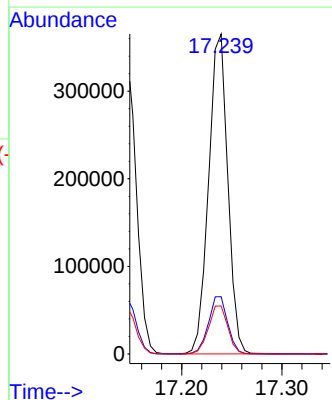
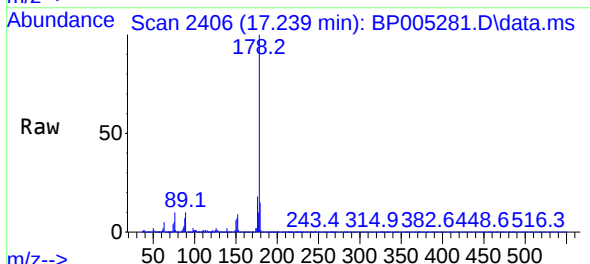
Manual Integrations  
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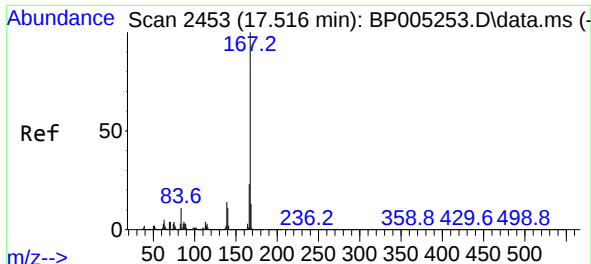
mohammad  
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#72  
Anthracene  
Concen: 48.87 ng  
RT: 17.239 min Scan# 2406  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

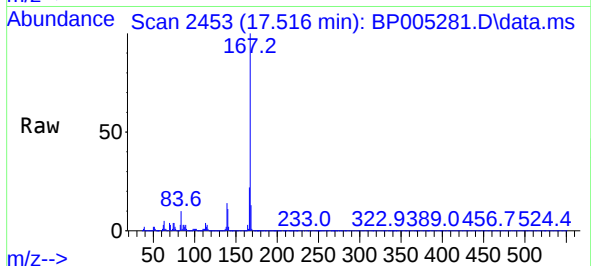
Tgt Ion:178 Resp: 486103  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.4  
179 15.0 12.5 18.7





#73  
 Carbazole  
 Concen: 43.51 ng  
 RT: 17.516 min Scan# 2453  
 Delta R.T. -0.000 min  
 Lab File: BP005281.D  
 Acq: 13 Apr 2021 11:37

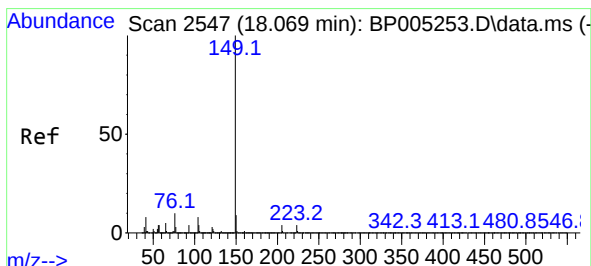
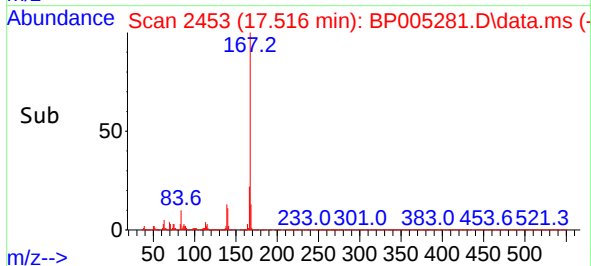
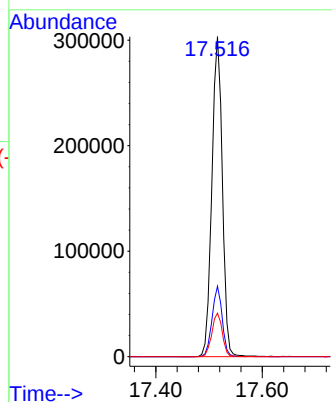
Instrument :  
 BNA\_P  
 ClientSampleID :  
 PB135663BS



Tgt Ion:167 Resp: 413237  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.6 26.4  
 139 13.6 10.2 15.4

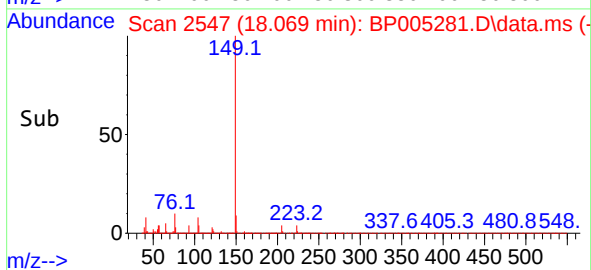
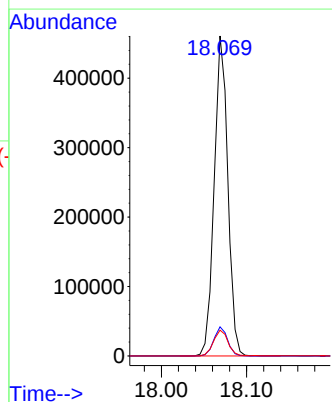
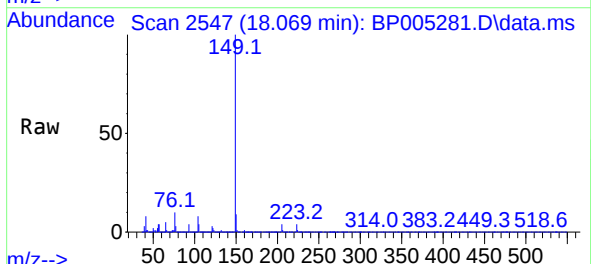
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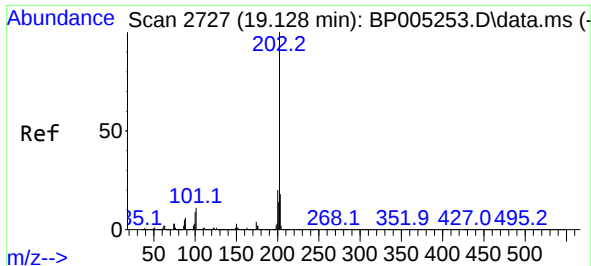
mohammad  
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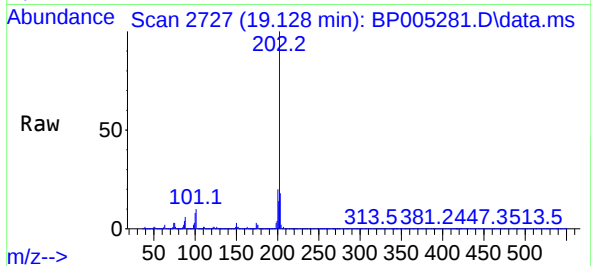
#74  
 Di-n-butylphthalate  
 Concen: 48.25 ng  
 RT: 18.069 min Scan# 2547  
 Delta R.T. -0.000 min  
 Lab File: BP005281.D  
 Acq: 13 Apr 2021 11:37

Tgt Ion:149 Resp: 512012  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 8.0 3.4 5.0#

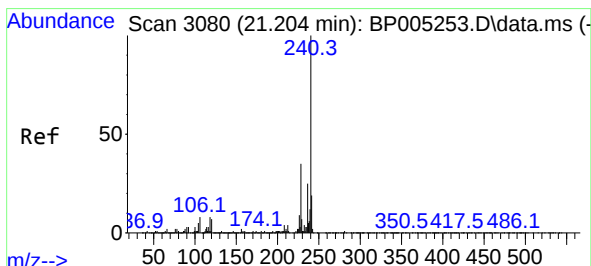
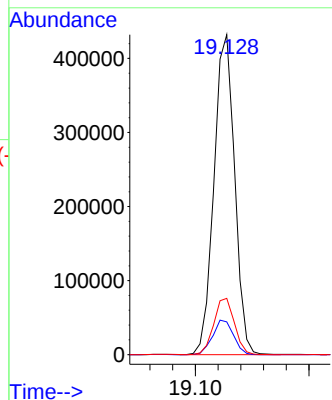
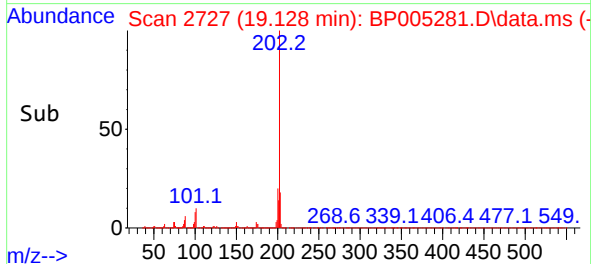




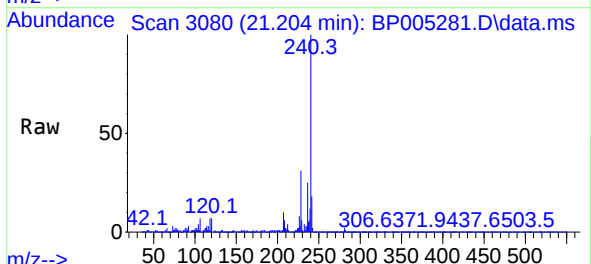
#75  
Fluoranthene  
Concen: 43.38 ng  
RT: 19.128 min Scan# 2727  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



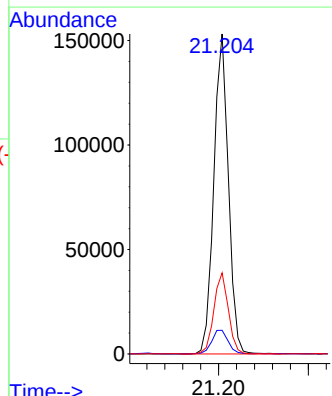
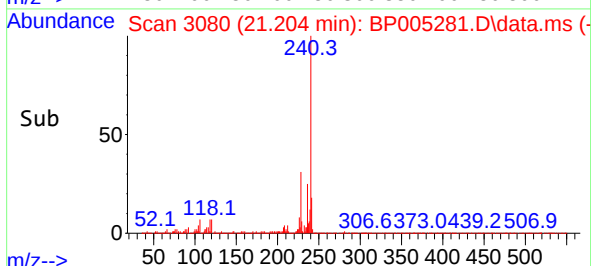
Tgt Ion:202 Resp: 546222  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 29.4  
203 17.6 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.204 min Scan# 3080  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



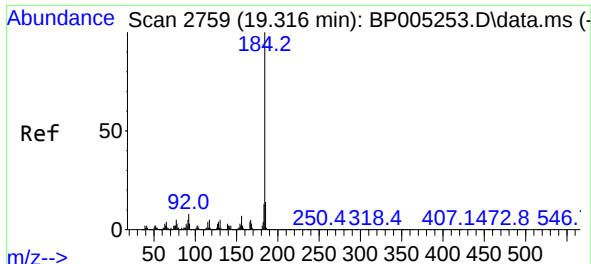
Tgt Ion:240 Resp: 172400  
Ion Ratio Lower Upper  
240 100  
120 7.4 7.8 11.6#  
236 25.4 20.8 31.2



Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

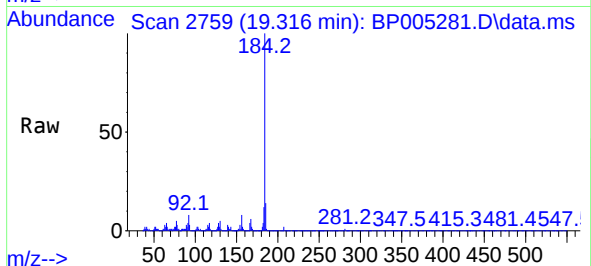
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#77  
Benzidine  
Concen: 51.02 ng  
RT: 19.316 min Scan# 2759  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

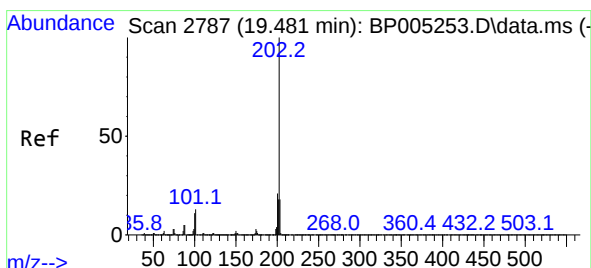
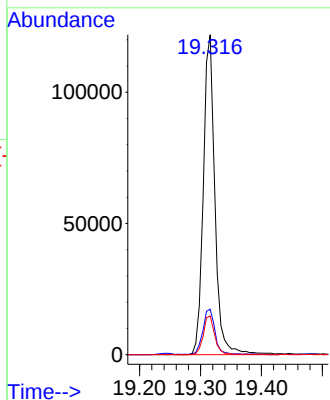
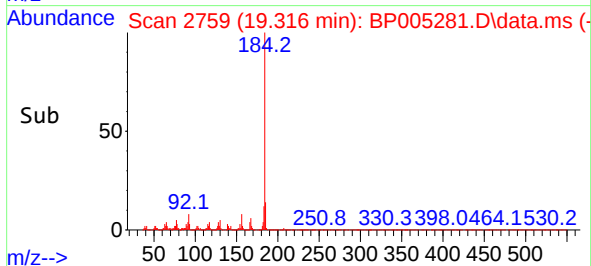
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



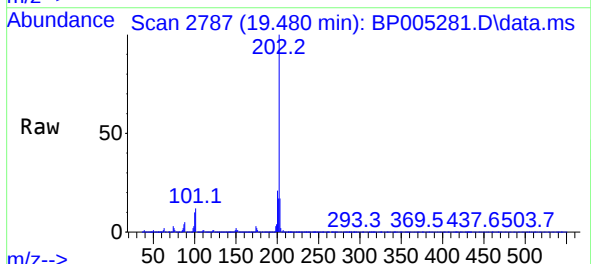
Tgt Ion:184 Resp: 160965  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 12.1 9.6 14.4

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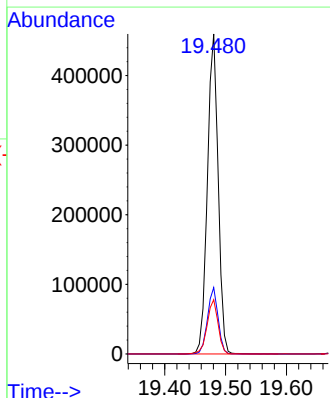
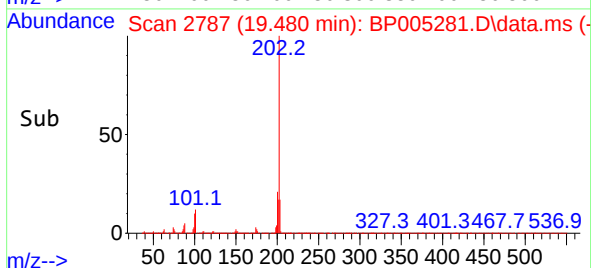
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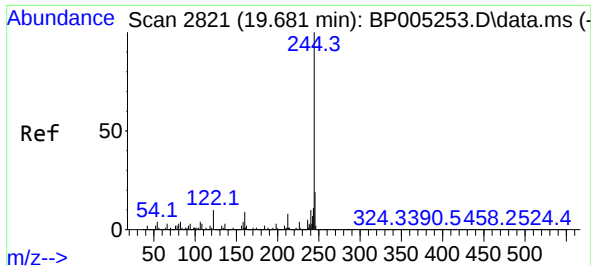


#78  
Pyrene  
Concen: 52.49 ng  
RT: 19.480 min Scan# 2787  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



Tgt Ion:202 Resp: 562401  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.1 25.7  
203 16.9 14.2 21.2





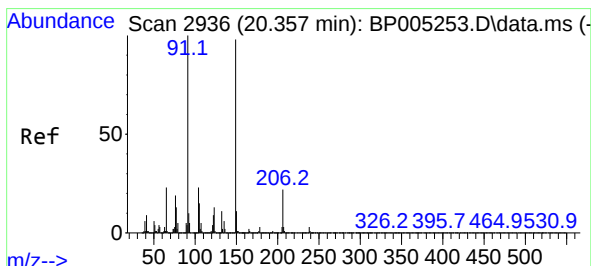
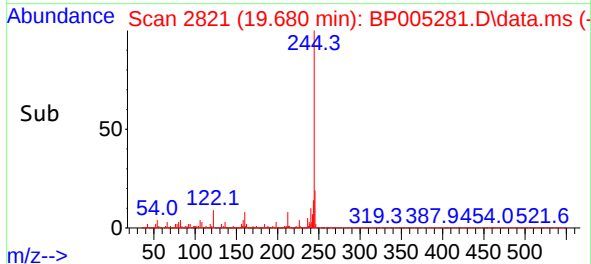
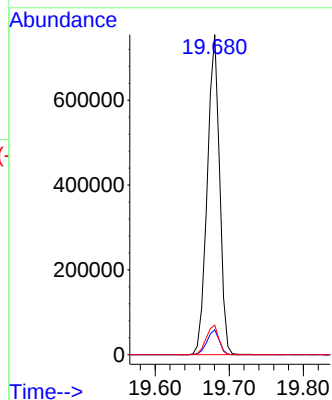
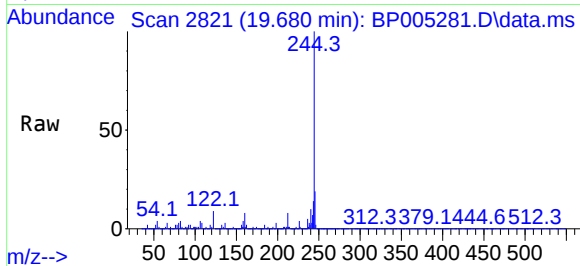
#79  
Terphenyl-d14  
Concen: 99.25 ng  
RT: 19.680 min Scan# 2821  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 871018 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.8   | 5.8   | 8.6    |
| 122       | 9.2   | 7.8   | 11.8   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

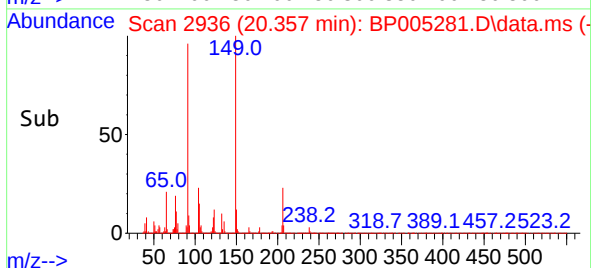
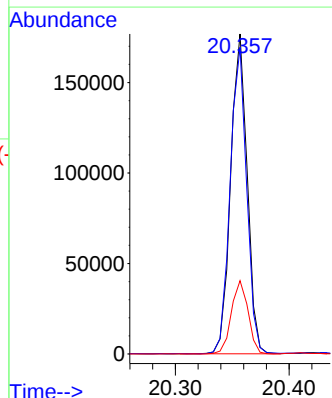
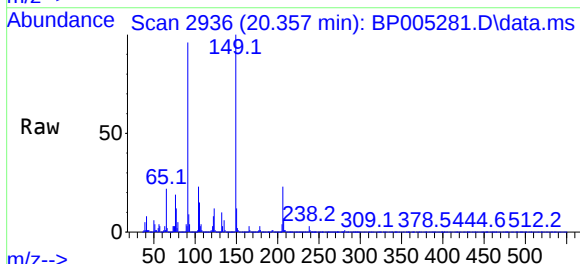
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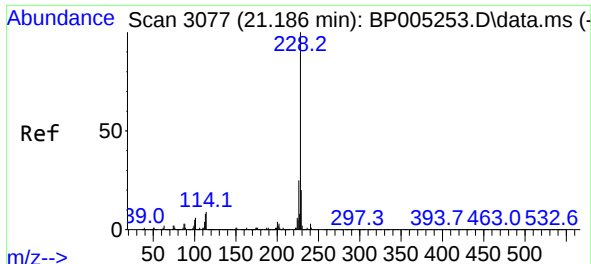
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#80  
Butylbenzylphthalate  
Concen: 44.42 ng  
RT: 20.357 min Scan# 2936  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

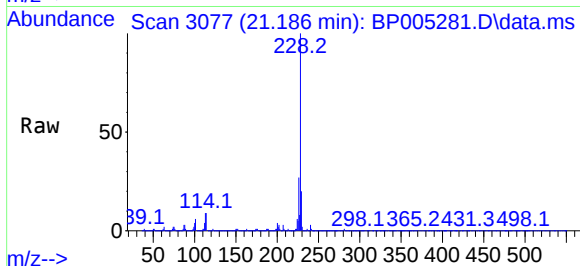
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 177833 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 95.8  | 45.4  | 68.0#  |
| 206       | 22.9  | 17.1  | 25.7   |





#81  
Benzo(a)anthracene  
Concen: 46.63 ng  
RT: 21.186 min Scan# 3077  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

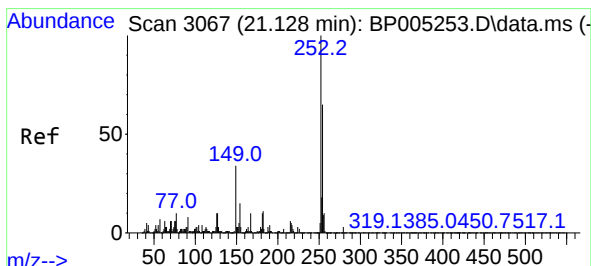
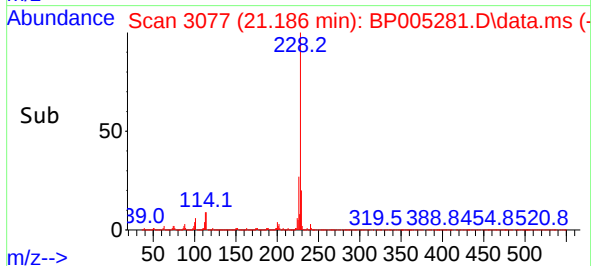
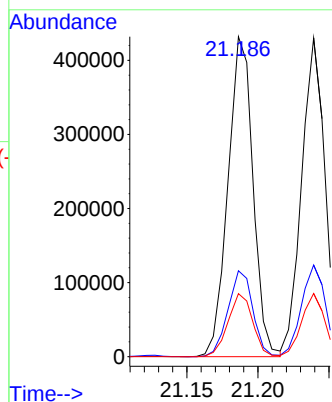
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



Tgt Ion:228 Resp: 530379  
Ion Ratio Lower Upper  
228 100  
226 26.8 22.1 33.1  
229 19.7 15.9 23.9

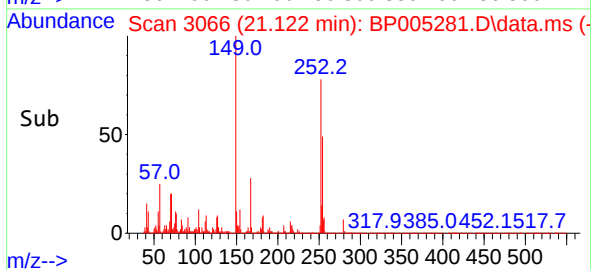
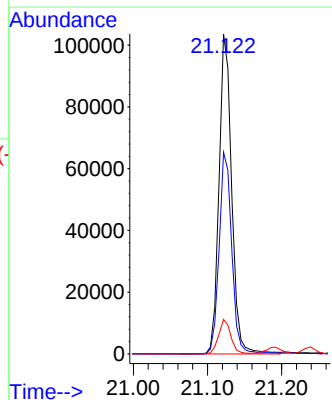
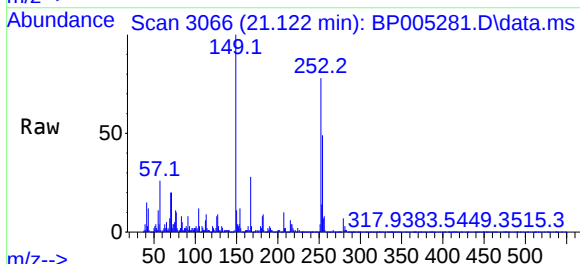
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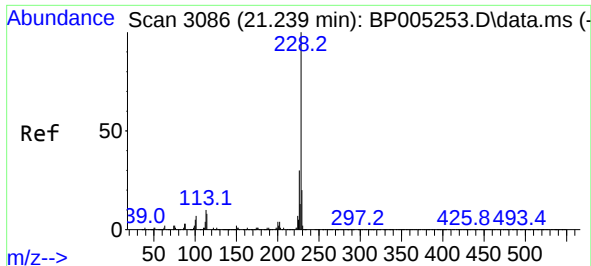
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 36.82 ng  
RT: 21.122 min Scan# 3066  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:252 Resp: 122553  
Ion Ratio Lower Upper  
252 100  
254 63.0 51.0 76.4  
126 10.8 7.9 11.9





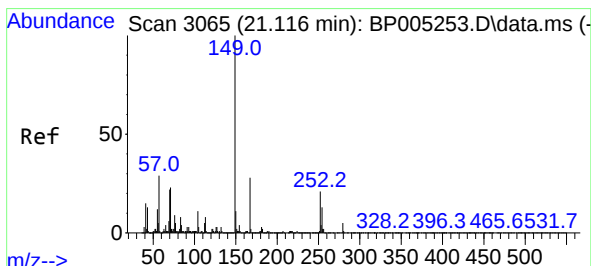
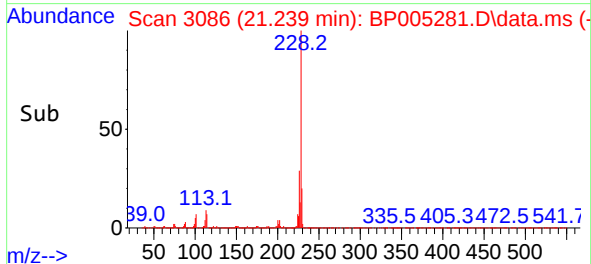
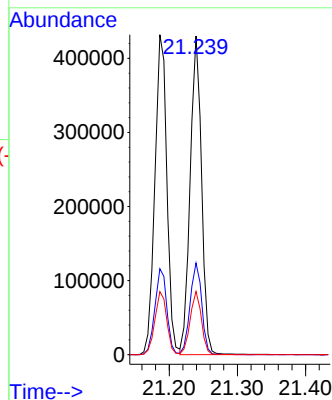
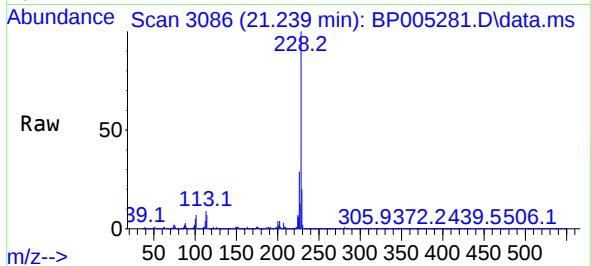
#83  
Chrysene  
Concen: 44.72 ng  
RT: 21.239 min Scan# 3086  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 494806 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.8  | 24.4  | 36.6   |
| 229       | 19.8  | 15.8  | 23.6   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

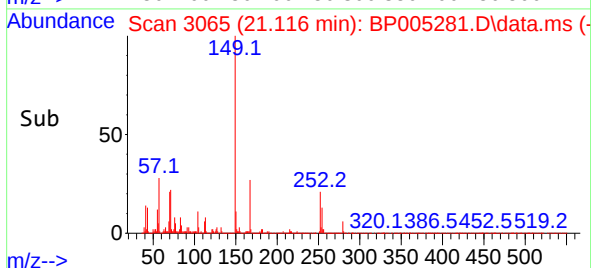
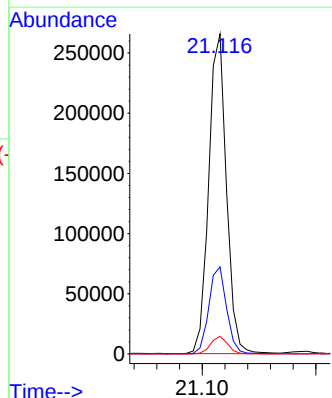
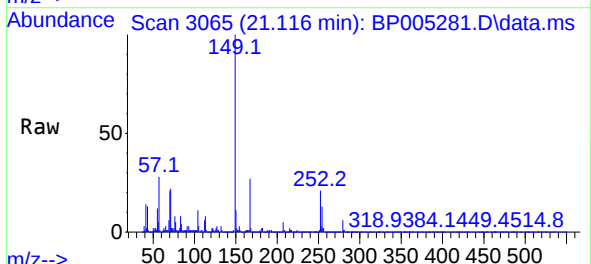
Manual Integrations  
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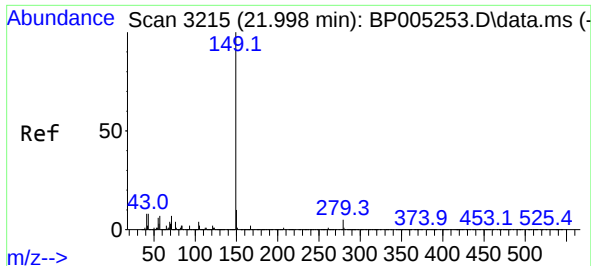
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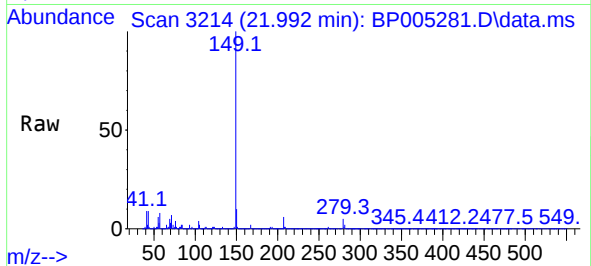
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.59 ng  
RT: 21.116 min Scan# 3065  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 286787 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.2  | 22.6  | 34.0   |
| 279       | 5.5   | 4.2   | 6.2    |

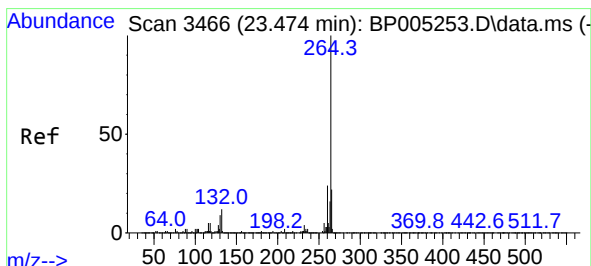
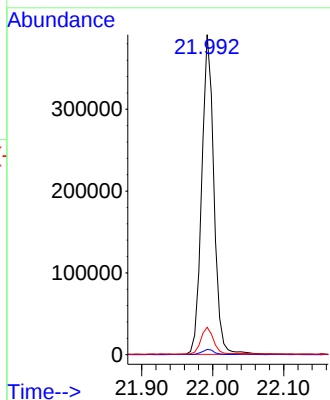
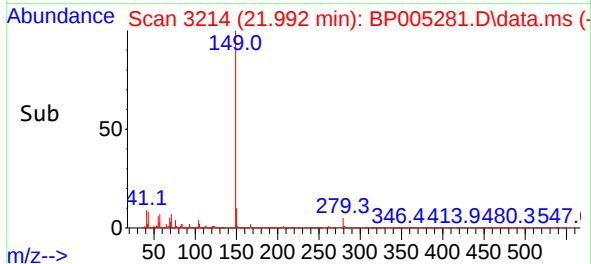




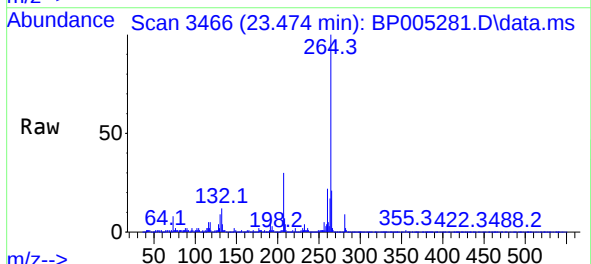
#85  
Di-n-octyl phthalate  
Concen: 41.30 ng  
RT: 21.992 min Scan# 3214  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



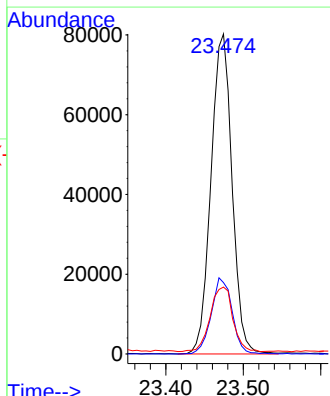
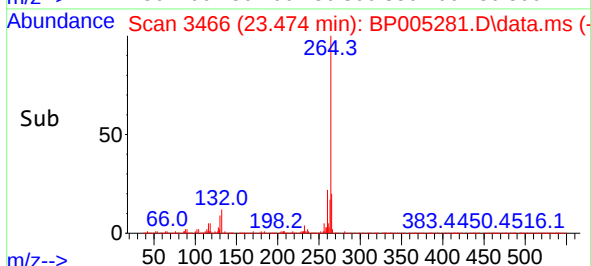
Tgt Ion:149 Resp: 466724  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.8 3.7 5.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.474 min Scan# 3466  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



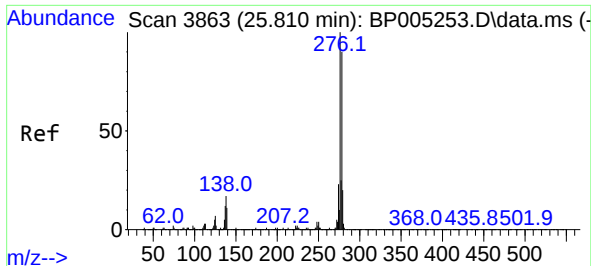
Tgt Ion:264 Resp: 151545  
Ion Ratio Lower Upper  
264 100  
260 22.3 18.8 28.2  
265 20.9 17.4 26.2



Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS

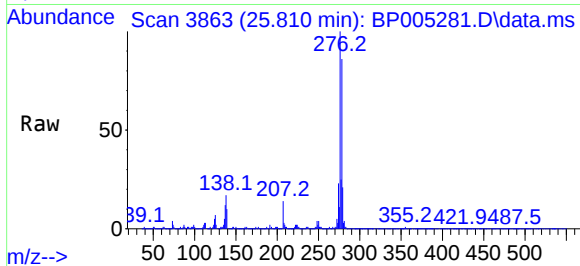
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#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.92 ng  
RT: 25.810 min Scan# 3863  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

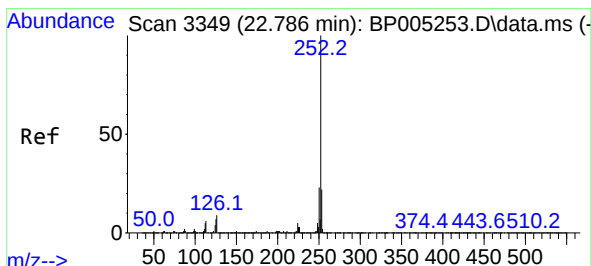
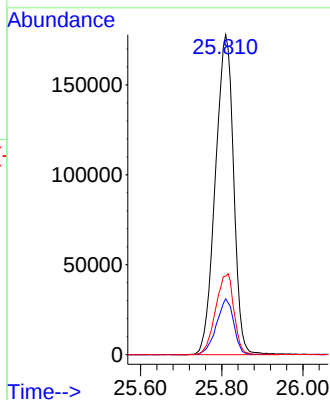
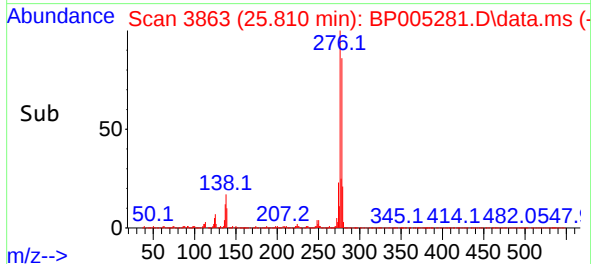
Instrument :  
BNA\_P  
ClientSampled :  
PB135663BS



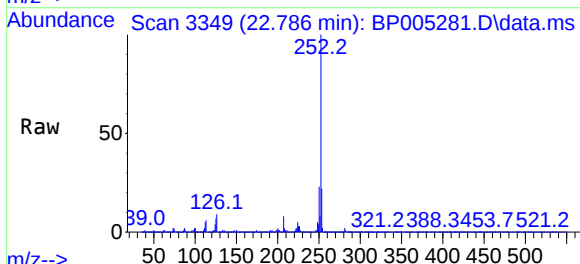
Tgt Ion:276 Resp: 555119  
Ion Ratio Lower Upper  
276 100  
138 16.6 18.7 28.1#  
277 25.4 20.4 30.6

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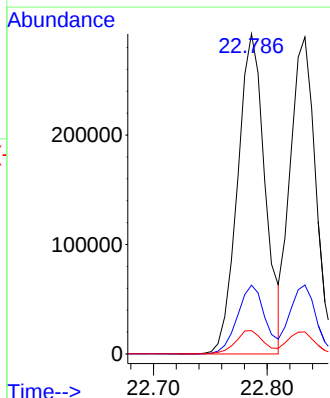
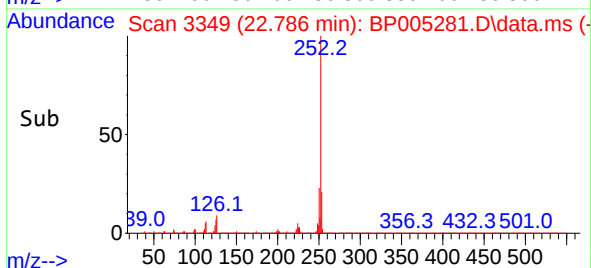
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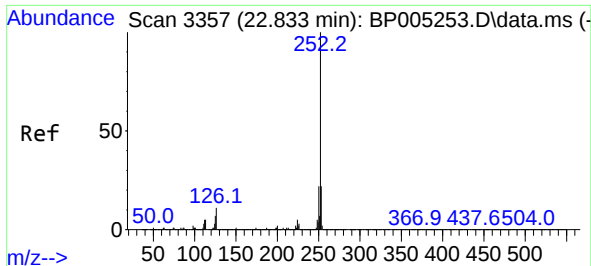


#88  
Benzo(b)fluoranthene  
Concen: 49.78 ng  
RT: 22.786 min Scan# 3349  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37



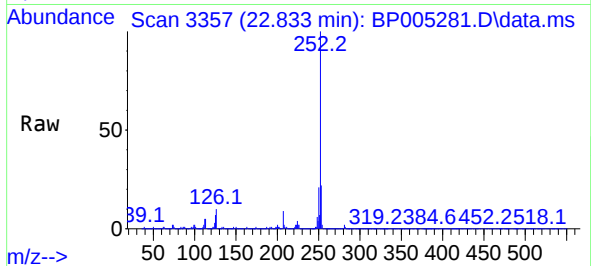
Tgt Ion:252 Resp: 493792  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.6 26.4  
125 7.3 7.3 10.9





#89  
Benzo(k)fluoranthene  
Concen: 47.26 ng  
RT: 22.833 min Scan# 3357  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

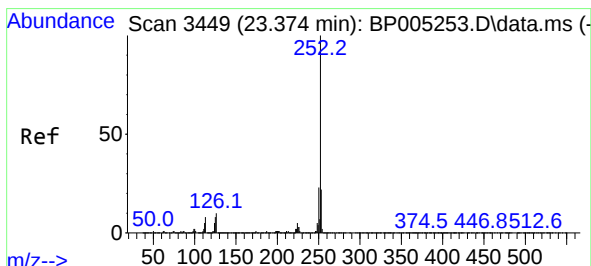
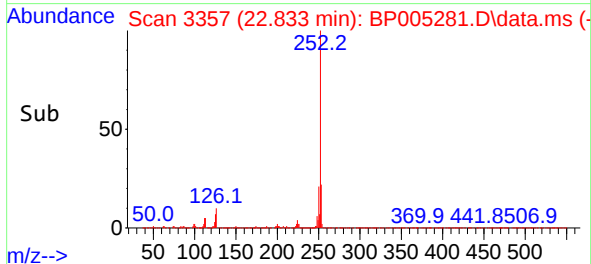
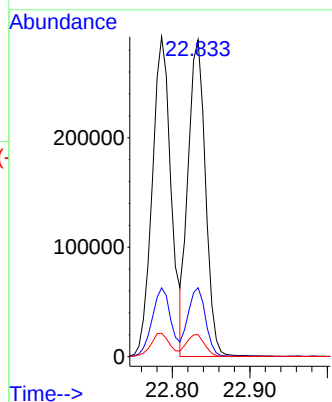
Instrument :  
BNA\_P  
ClientSampleId :  
PB135663BS



Tgt Ion:252 Resp: 449385  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 7.0 7.4 11.2#

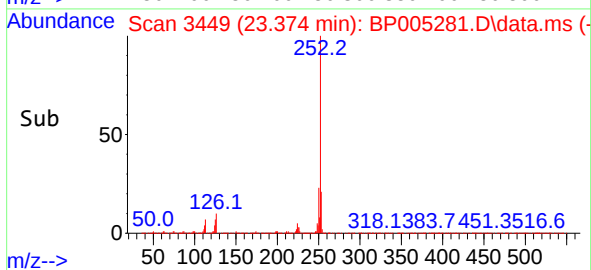
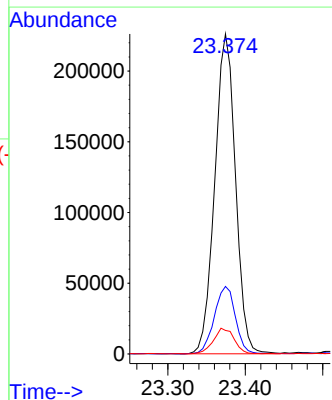
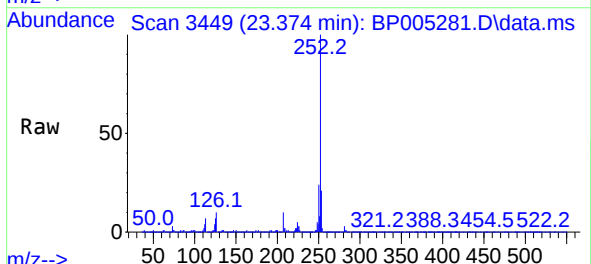
Manual Integrations  
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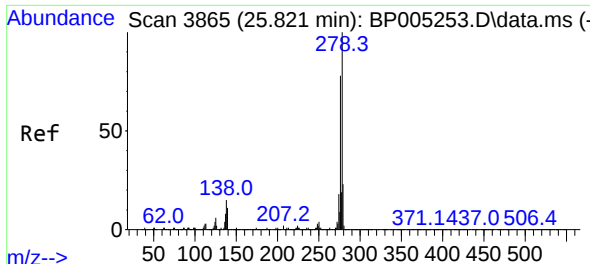
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#90  
Benzo(a)pyrene  
Concen: 45.79 ng  
RT: 23.374 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

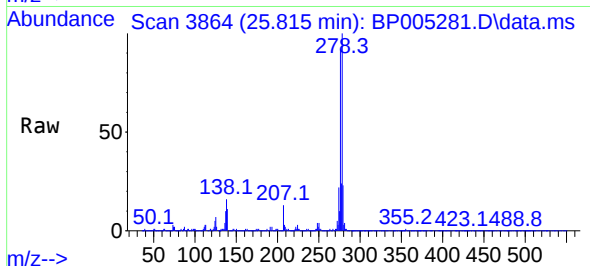
Tgt Ion:252 Resp: 420369  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.4 26.0  
125 7.4 8.2 12.4#





#91  
Dibenzo(a,h)anthracene  
Concen: 46.57 ng  
RT: 25.815 min Scan# 3864  
Delta R.T. -0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

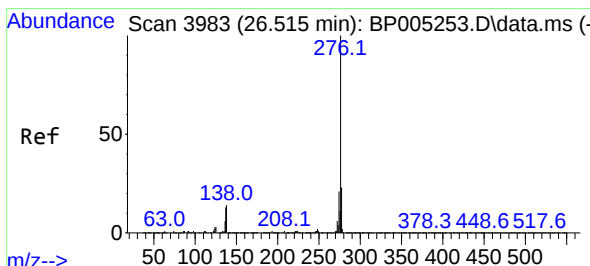
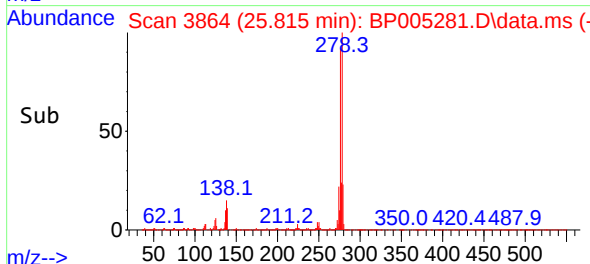
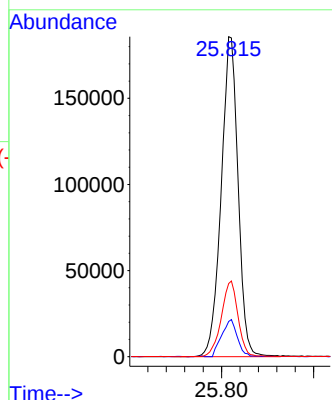
Instrument :  
BNA\_P  
ClientSampleID :  
PB135663BS



Tgt Ion:278 Resp: 470332  
Ion Ratio Lower Upper  
278 100  
139 11.0 12.4 18.6#  
279 22.9 19.0 28.6

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 46.56 ng  
RT: 26.521 min Scan# 3984  
Delta R.T. 0.006 min  
Lab File: BP005281.D  
Acq: 13 Apr 2021 11:37

Tgt Ion:276 Resp: 454773  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.0 28.6  
138 13.4 16.6 24.8#

