

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092121\  
 Data File : BP007085.D  
 Acq On : 21 Sep 2021 19:03  
 Operator : CG/JU  
 Sample : PB139176BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB139176BS

Manual Integrations  
 APPROVED

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 9/22/2021 4:42:43 PM

Quant Time: Sep 22 03:13:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 16:50:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 299451   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.704 | 136  | 1258587  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.534 | 164  | 804381   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.281 | 188  | 1627360  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.363 | 240  | 1580093  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.780 | 264  | 1622431  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 2319120  | 129.640 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.069  | 99   | 2904987  | 118.814 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.063  | 82   | 1653465  | 76.508  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.022 | 330  | 1212109  | 116.232 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.157 | 172  | 4163918  | 74.161  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.839 | 244  | 6307819  | 76.498  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.364  | 88   | 242525   | 33.525  | ng    | # 87     |
| 3) Pyridine                   | 3.769  | 79   | 644936   | 32.579  | ng    | # 88     |
| 4) n-Nitrosodimethylamine     | 3.675  | 42   | 296163   | 43.640  | ng    | # 78     |
| 6) Aniline                    | 7.228  | 93   | 1156199  | 42.901  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.463  | 128  | 870475   | 44.773  | ng    | 97       |
| 9) Benzaldehyde               | 7.040  | 77   | 500908m  | 36.370  | ng    |          |
| 10) Phenol                    | 7.099  | 94   | 1079489  | 45.794  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.328  | 93   | 794872   | 42.719  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.793  | 146  | 895760   | 40.846  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.940  | 146  | 918268   | 41.073  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.257  | 146  | 884146   | 40.810  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.146  | 79   | 704182   | 44.968  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440  | 45   | 951129   | 44.642  | ng    | 90       |
| 17) 2-Methylphenol            | 8.346  | 107  | 724651   | 45.601  | ng    | 93       |
| 18) Hexachloroethane          | 8.981  | 117  | 316920   | 42.221  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.716  | 70   | 564683   | 42.464  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.675  | 107  | 981784   | 44.682  | ng    | 94       |
| 22) Acetophenone              | 8.728  | 105  | 1217672  | 40.153  | ng    | # 98     |
| 24) Nitrobenzene              | 9.104  | 77   | 857305   | 41.607  | ng    | 98       |
| 25) Isophorone                | 9.640  | 82   | 1555914  | 41.287  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.816  | 139  | 442008   | 41.139  | ng    | # 89     |
| 27) 2,4-Dimethylphenol        | 9.881  | 122  | 811364   | 47.961  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.116 | 93   | 1053090  | 39.609  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.352 | 162  | 839870   | 42.559  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 866956   | 38.563  | ng    | 98       |
| 31) Naphthalene               | 10.751 | 128  | 2567985  | 39.979  | ng    | 99       |
| 32) Benzoic acid              | 10.022 | 122  | 535208   | 41.163  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.863 | 127  | 788630   | 29.718  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.040 | 225  | 508849   | 37.802  | ng    | 99       |
| 35) Caprolactam               | 11.657 | 113  | 260391m  | 42.890  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.987 | 107  | 853354   | 42.542  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.363 | 142  | 1882641  | 41.858  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.581 | 142  | 1747286  | 39.759  | ng    | # 100    |
| 40) 1,2,4,5-Tetrachloroben... | 12.728 | 216  | 970219   | 39.387  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.710 | 237  | 1274862  | 93.380  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.969 | 196  | 677235   | 40.292  | ng    | 98       |

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Manual Integrations  
 APPROVED

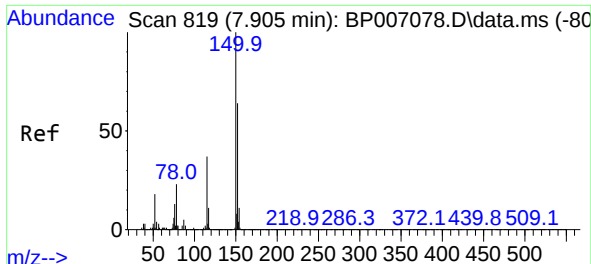
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Quant Time: Sep 22 03:13:34 2021  
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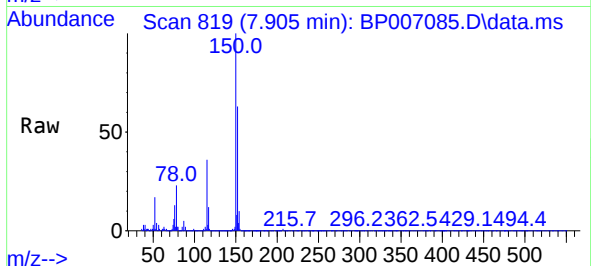
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.034 | 196  | 738364   | 40.794 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.369 | 154  | 2304713  | 38.520 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.410 | 162  | 1844133  | 39.789 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.610 | 65   | 494694   | 43.779 | ng    | 95       |
| 49) Acenaphthylene            | 14.257 | 152  | 2932176  | 41.076 | ng    | 99       |
| 50) Dimethylphthalate         | 13.992 | 163  | 2301373  | 39.780 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.110 | 165  | 513580   | 43.458 | ng    | 92       |
| 52) Acenaphthene              | 14.598 | 154  | 1736772  | 40.157 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.440 | 138  | 443926   | 34.742 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.645 | 184  | 607027   | 89.170 | ng    | 90       |
| 55) Dibenzofuran              | 14.928 | 168  | 2801204  | 38.820 | ng    | 95       |
| 56) 4-Nitrophenol             | 14.745 | 139  | 943533   | 90.956 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 693636   | 44.479 | ng    | 91       |
| 58) Fluorene                  | 15.581 | 166  | 2251775  | 40.394 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 625601m  | 39.361 | ng    |          |
| 60) Diethylphthalate          | 15.357 | 149  | 2247910  | 40.099 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.575 | 204  | 1153303  | 39.151 | ng    | 91       |
| 62) 4-Nitroaniline            | 15.604 | 138  | 541400   | 42.130 | ng    | # 79     |
| 63) Azobenzene                | 15.869 | 77   | 1983233  | 40.825 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 198  | 376687   | 38.572 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.787 | 169  | 1996627  | 41.235 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.469 | 248  | 711775   | 39.907 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 805706   | 40.874 | ng    | 97       |
| 69) Atrazine                  | 16.745 | 200  | 724060   | 42.422 | ng    | 97       |
| 70) Pentachlorophenol         | 16.928 | 266  | 1077657  | 88.033 | ng    | 99       |
| 71) Phenanthrene              | 17.322 | 178  | 3575849  | 40.980 | ng    | 99       |
| 72) Anthracene                | 17.416 | 178  | 3604366  | 42.226 | ng    | 99       |
| 73) Carbazole                 | 17.686 | 167  | 3306136  | 39.526 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.239 | 149  | 3823535  | 41.248 | ng    | 99       |
| 75) Fluoranthene              | 19.286 | 202  | 4135983  | 41.141 | ng    | 97       |
| 77) Benzidine                 | 19.469 | 184  | 2722104  | 56.058 | ng    | 99       |
| 78) Pyrene                    | 19.639 | 202  | 4252885  | 41.024 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.516 | 149  | 1709236  | 41.170 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.351 | 228  | 4107387  | 40.047 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 1395710  | 39.625 | ng    | 98       |
| 83) Chrysene                  | 21.404 | 228  | 4007152  | 40.880 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.274 | 149  | 2499971  | 41.884 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.204 | 149  | 4344502  | 42.752 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.309 | 276  | 5055045  | 43.355 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.039 | 252  | 4269652  | 44.035 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.092 | 252  | 4283630  | 43.635 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.674 | 252  | 4208340  | 51.087 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 26.327 | 278  | 4337940  | 44.395 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 27.086 | 276  | 4256471  | 44.638 | ng    | # 95     |

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

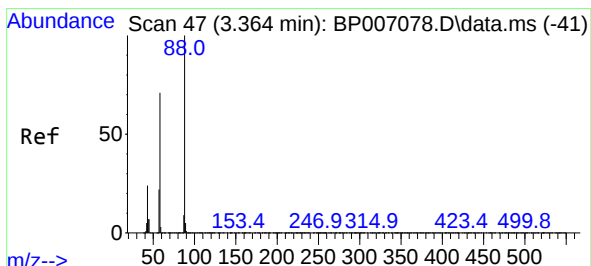
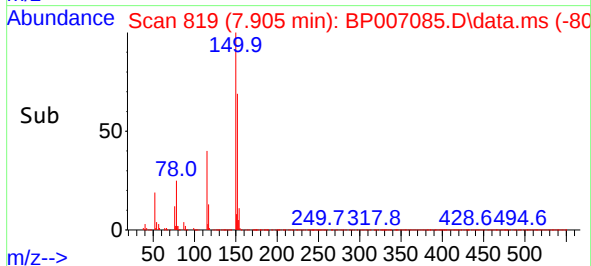
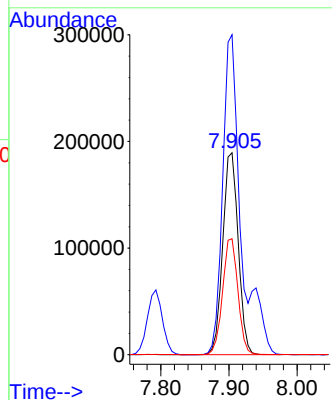




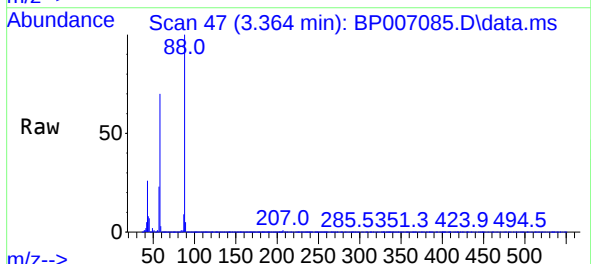
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



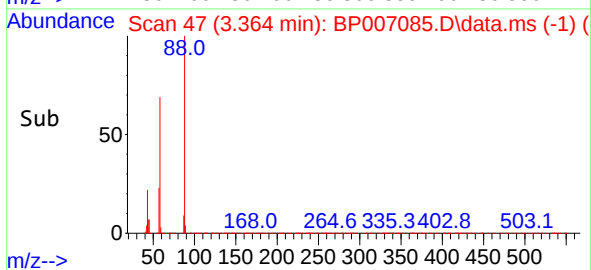
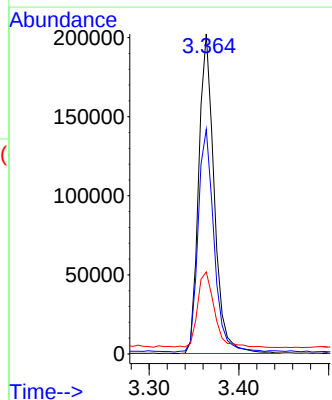
Tgt Ion:152 Resp: 299451  
Ion Ratio Lower Upper  
152 100  
150 158.5 125.6 188.4  
115 57.5 48.5 72.7



#2  
1,4-Dioxane  
Concen: 33.525 ng  
RT: 3.364 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



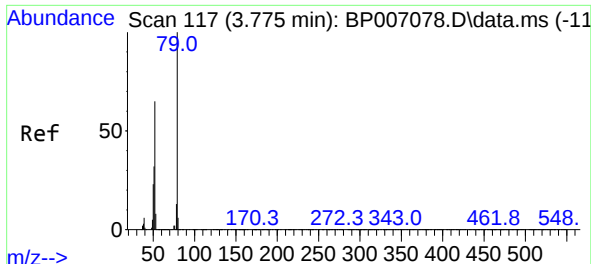
Tgt Ion: 88 Resp: 242525  
Ion Ratio Lower Upper  
88 100  
58 71.4 46.7 70.1#  
43 26.1 20.3 30.5



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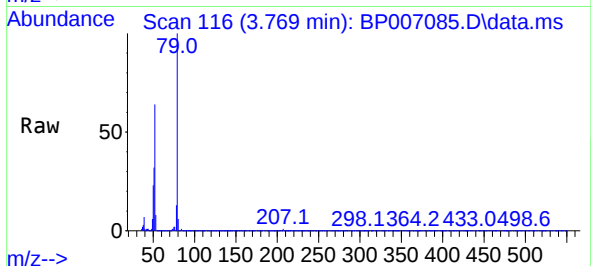
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#3  
Pyridine  
Concen: 32.579 ng  
RT: 3.769 min Scan# 116  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

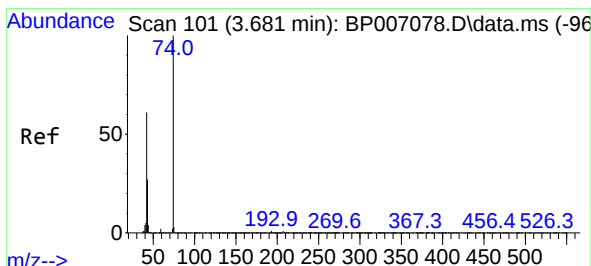
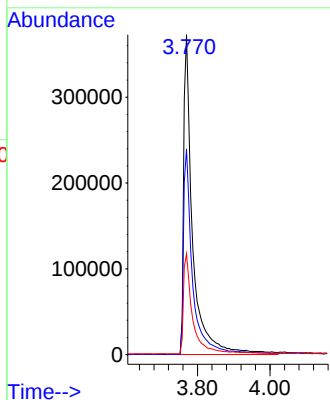
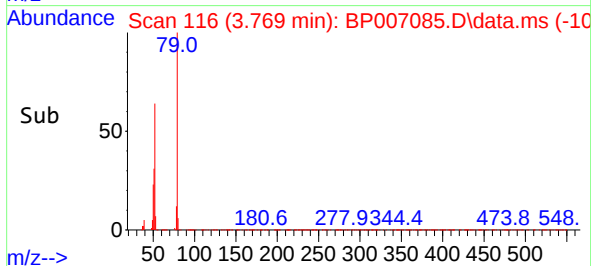
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



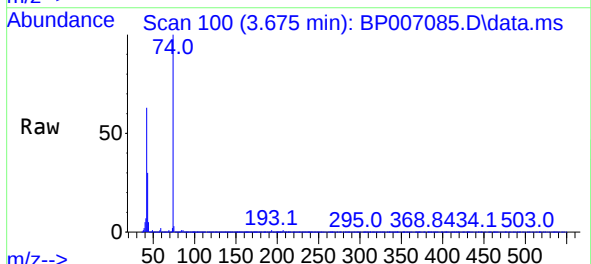
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Ion Ratio Lower Upper  
79 100  
52 64.3 41.7 62.5#  
51 31.6 24.1 36.1

Manual Integrations  
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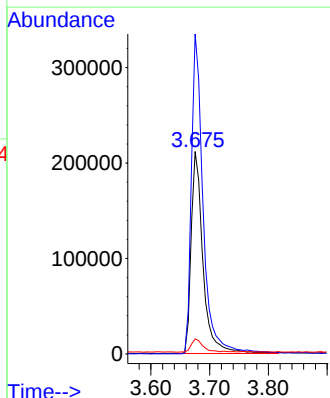
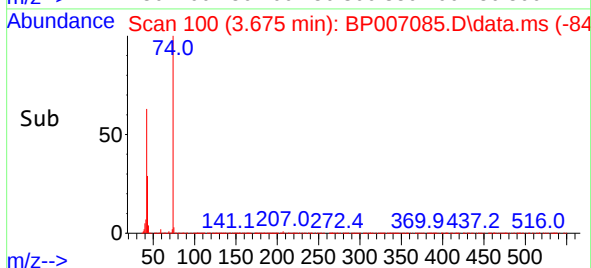
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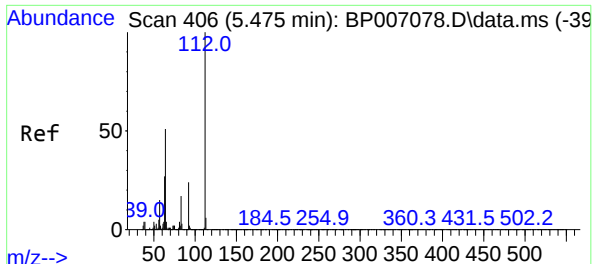


#4  
n-Nitrosodimethylamine  
Concen: 43.640 ng  
RT: 3.675 min Scan# 100  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



Tgt Ion: 42 Resp: 296163  
Ion Ratio Lower Upper  
42 100  
74 158.1 105.4 158.0#  
44 7.4 4.2 6.4#





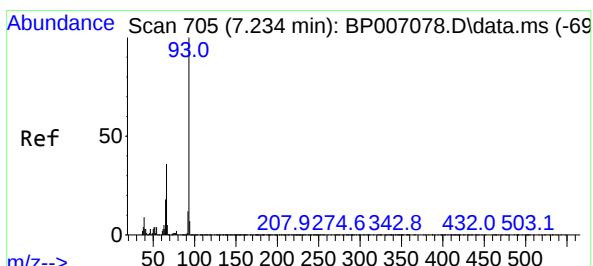
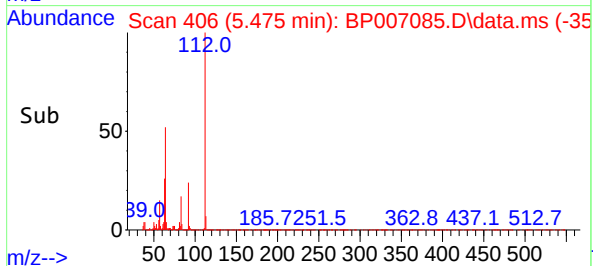
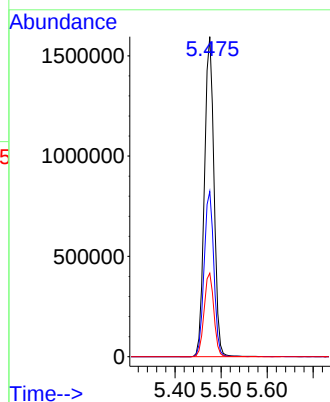
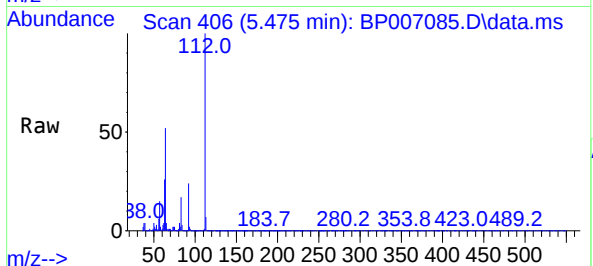
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2-Fluorophenol  
Concen: 129.640 ng  
RT: 5.475 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

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Tgt Ion:112 Resp: 2319120  
Ion Ratio Lower Upper  
112 100  
64 51.6 41.4 62.2  
63 26.1 23.8 35.8

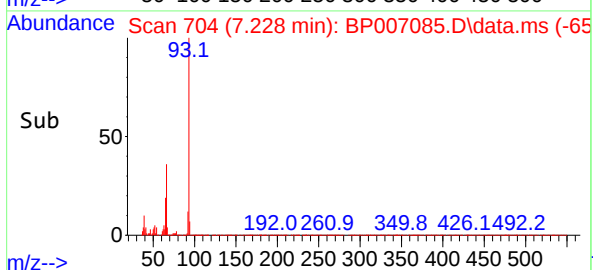
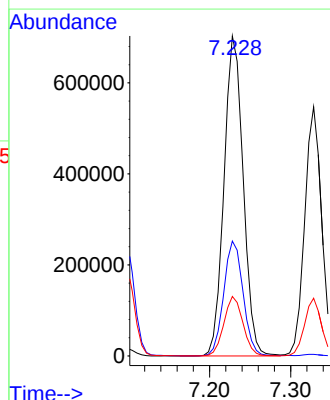
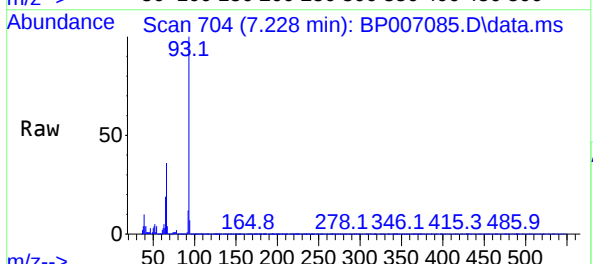
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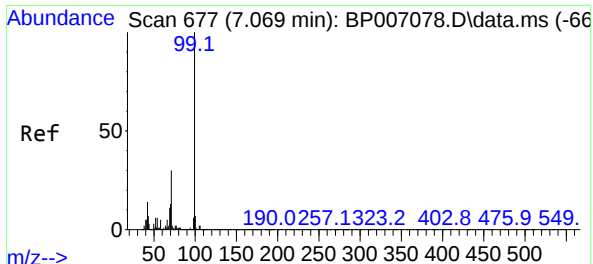
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#6  
Aniline  
Concen: 42.901 ng  
RT: 7.228 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

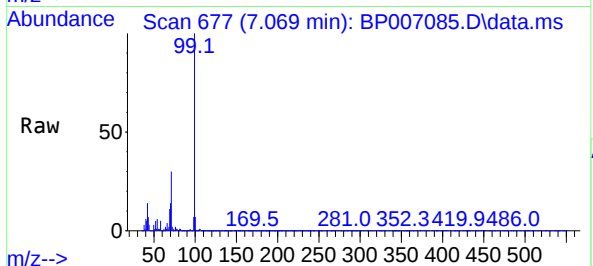
Tgt Ion: 93 Resp: 1156199  
Ion Ratio Lower Upper  
93 100  
66 35.9 29.7 44.5  
65 18.6 15.3 22.9





#7  
Phenol-d6  
Concen: 118.814 ng  
RT: 7.069 min Scan# 677  
Delta R.T. 0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

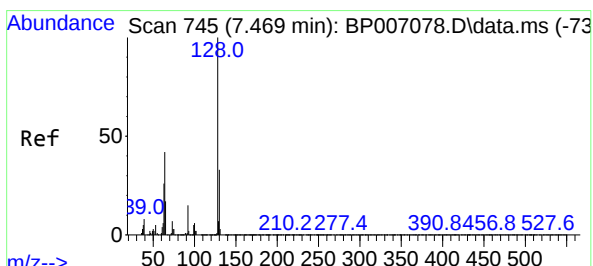
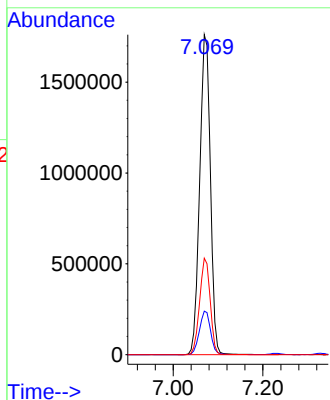
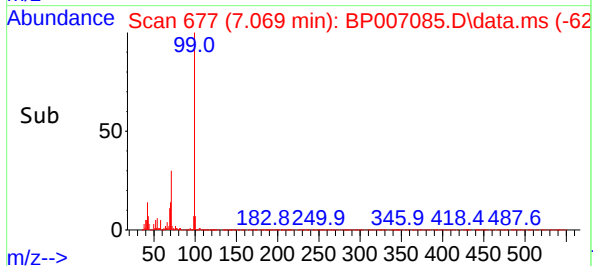
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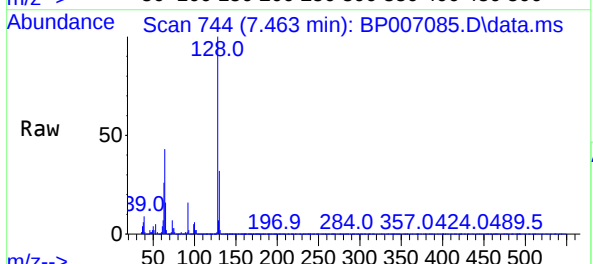
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Ion Ratio Lower Upper  
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71 30.2 30.6 46.0#

Manual Integrations  
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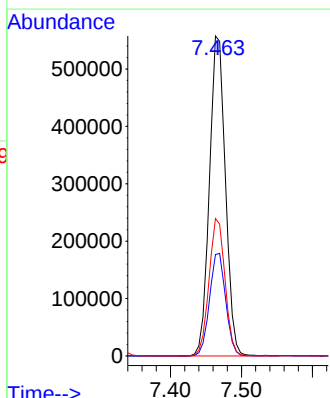
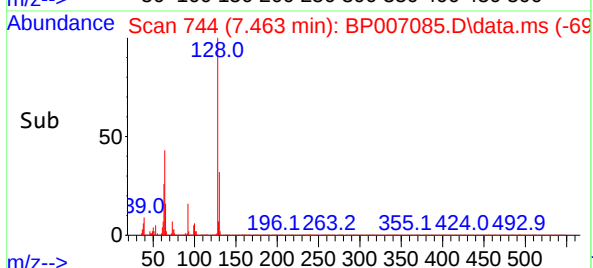
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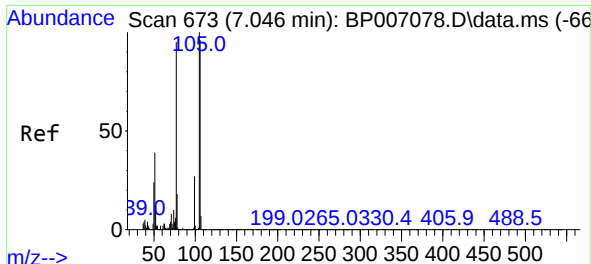


#8  
2-Chlorophenol  
Concen: 44.773 ng  
RT: 7.463 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



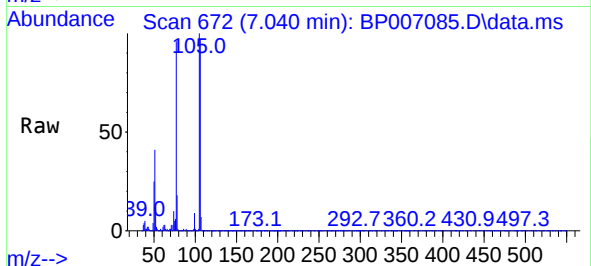
Tgt Ion: 128 Resp: 870475  
Ion Ratio Lower Upper  
128 100  
130 31.7 12.4 52.4  
64 43.0 20.3 60.3





#9  
Benzaldehyde  
Concen: 36.370 ng m  
RT: 7.040 min Scan# 672  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

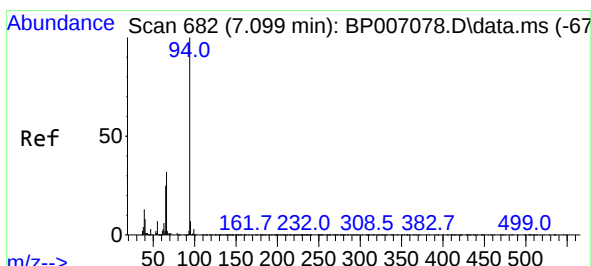
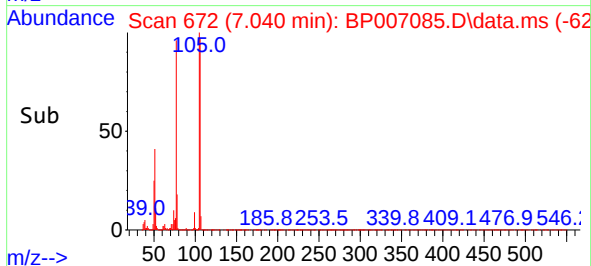
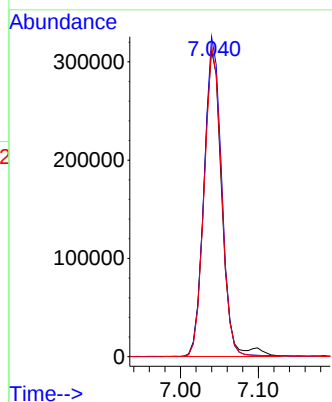
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



Tgt Ion: 77 Resp: 500908  
Ion Ratio Lower Upper  
77 100  
105 104.3 76.7 116.7  
106 101.6 76.2 116.2

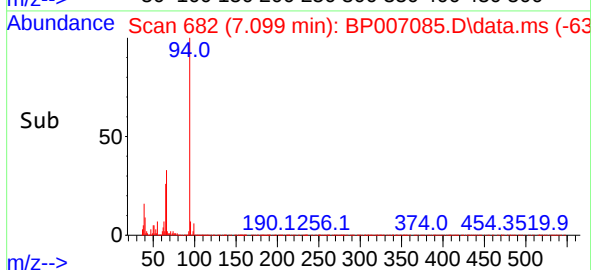
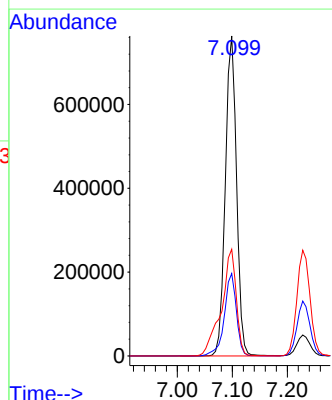
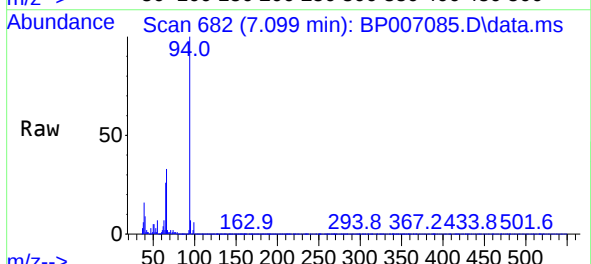
Manual Integrations  
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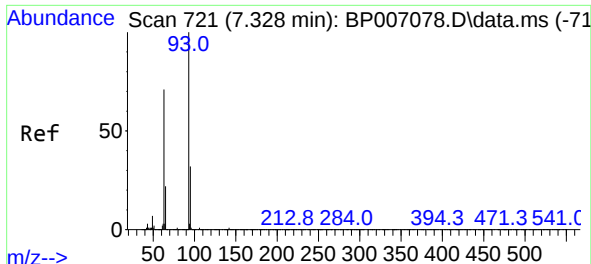
mohammad  
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#10  
Phenol  
Concen: 45.794 ng  
RT: 7.099 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

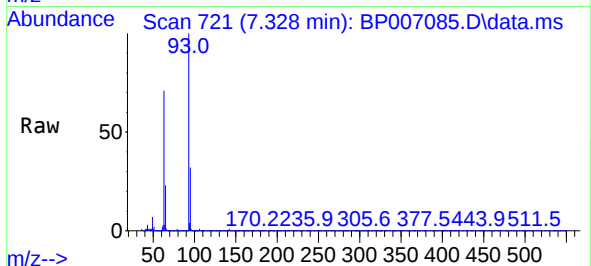
Tgt Ion: 94 Resp: 1079489  
Ion Ratio Lower Upper  
94 100  
65 25.7 8.8 48.8  
66 33.4 20.7 60.7





#11  
bis(2-Chloroethyl)ether  
Concen: 42.719 ng  
RT: 7.328 min Scan# 721  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

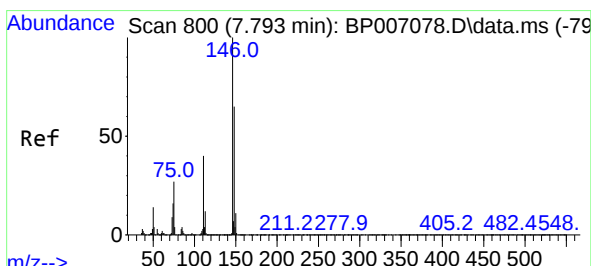
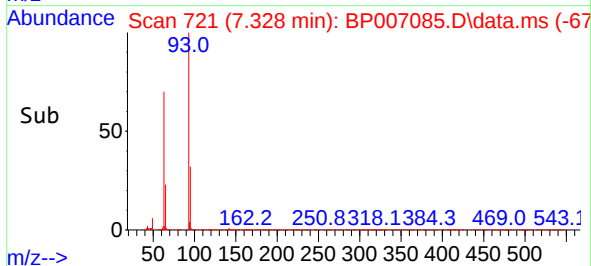
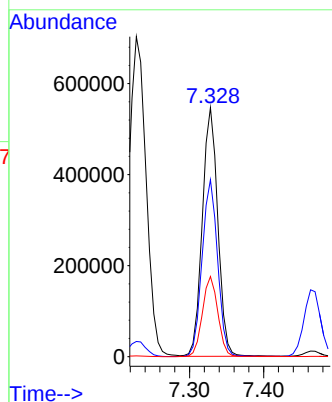
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



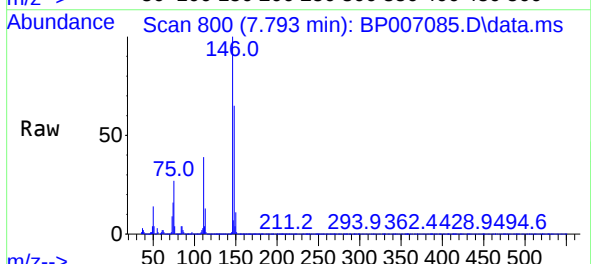
Tgt Ion: 93 Resp: 794872  
Ion Ratio Lower Upper  
93 100  
63 71.0 46.2 86.2  
95 32.2 12.2 52.2

Manual Integrations  
APPROVED

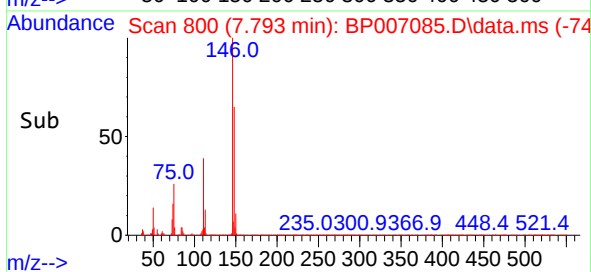
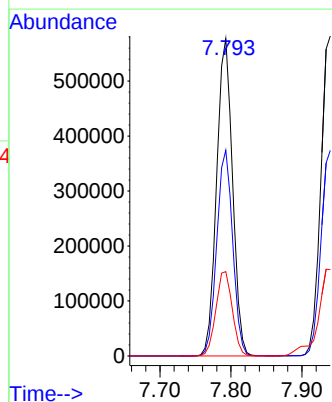
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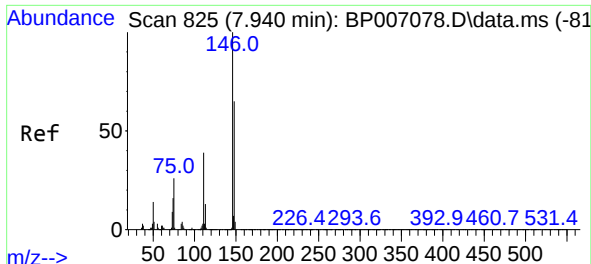


#12  
1,3-Dichlorobenzene  
Concen: 40.846 ng  
RT: 7.793 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



Tgt Ion: 146 Resp: 895760  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.5 77.3  
75 26.6 25.7 38.5





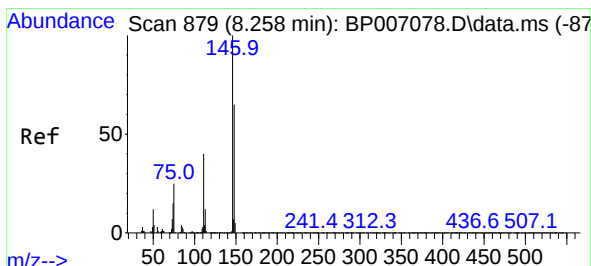
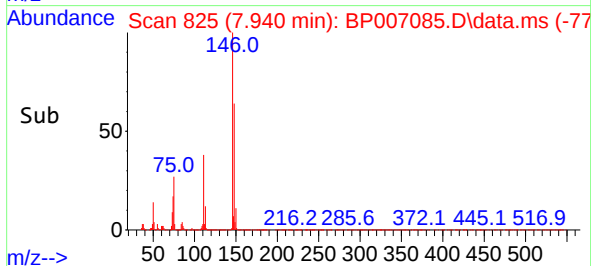
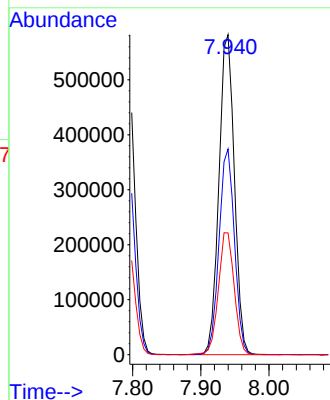
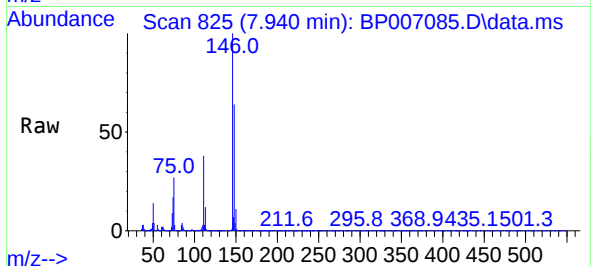
#13  
1,4-Dichlorobenzene  
Concen: 41.073 ng  
RT: 7.940 min Scan# 825  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:146 Resp: 918268  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.3 76.9  
111 38.0 33.0 49.6

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

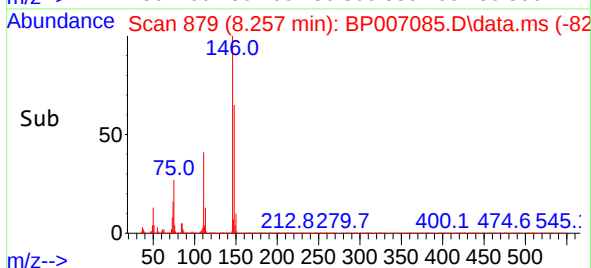
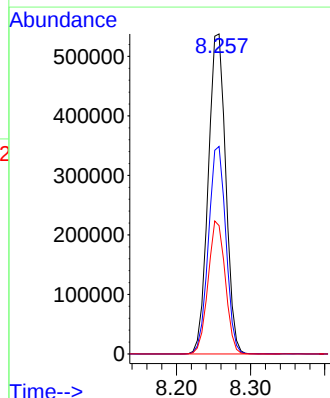
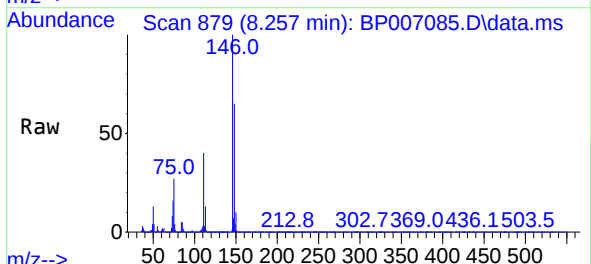
Manual Integrations  
APPROVED

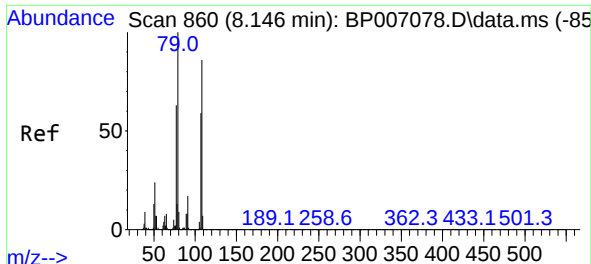
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#14  
1,2-Dichlorobenzene  
Concen: 40.810 ng  
RT: 8.257 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

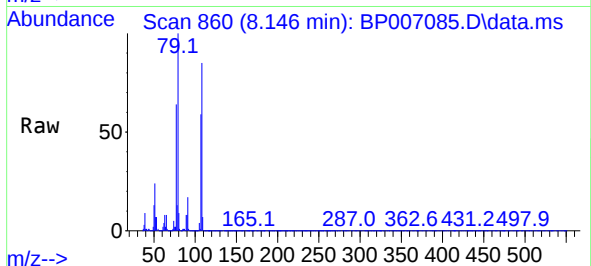
Tgt Ion:146 Resp: 884146  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.3 75.5  
111 40.1 33.7 50.5





#15  
Benzyl Alcohol  
Concen: 44.968 ng  
RT: 8.146 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

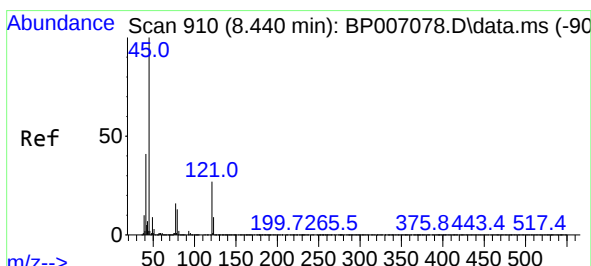
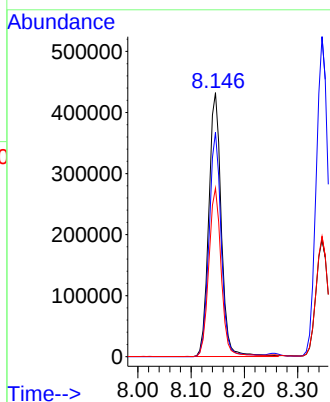
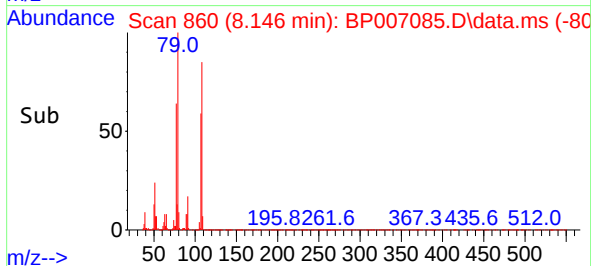
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



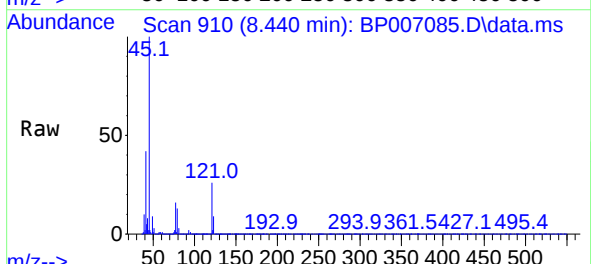
Tgt Ion: 79 Resp: 704182  
Ion Ratio Lower Upper  
79 100  
108 85.0 62.5 93.7  
77 63.8 52.9 79.3

Manual Integrations  
APPROVED

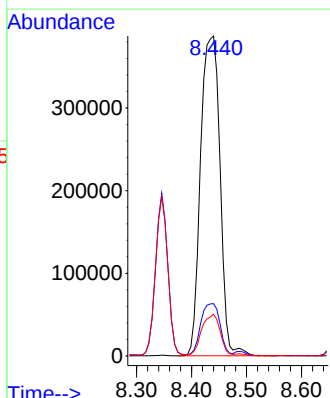
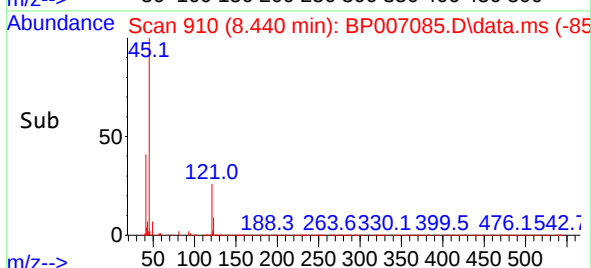
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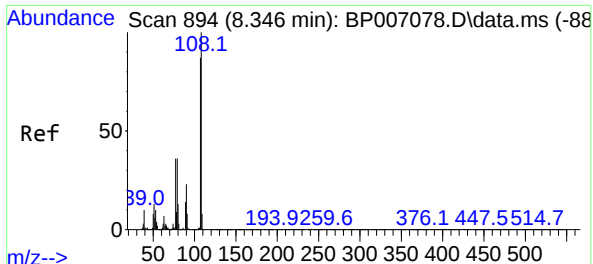


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.642 ng  
RT: 8.440 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



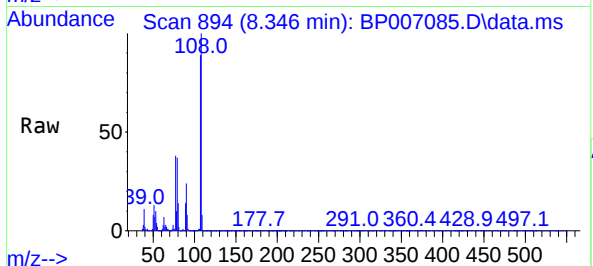
Tgt Ion: 45 Resp: 951129  
Ion Ratio Lower Upper  
45 100  
77 16.3 2.0 42.0  
79 13.0 0.0 36.7





#17  
2-Methylphenol  
Concen: 45.601 ng  
RT: 8.346 min Scan# 894  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

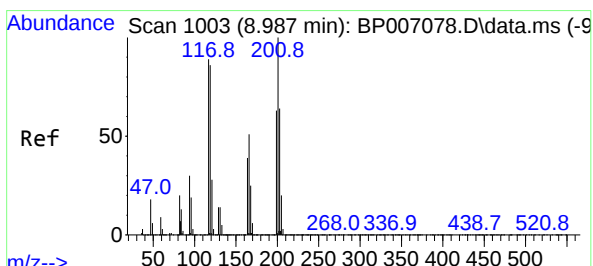
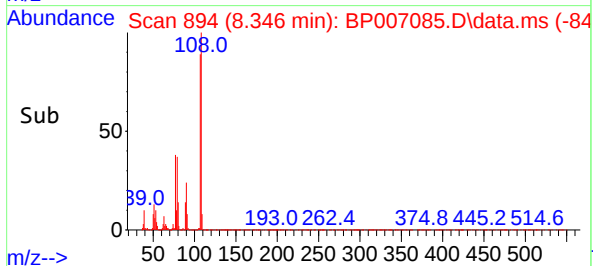
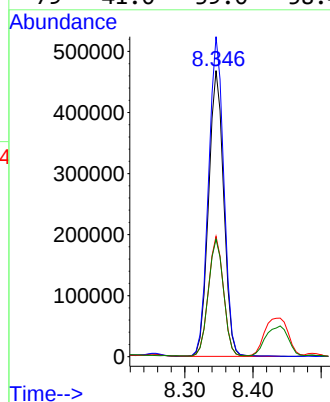
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 724651 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.8 | 87.7  | 131.5  |
| 77       | 42.1  | 40.2  | 60.2   |
| 79       | 41.0  | 39.0  | 58.4   |

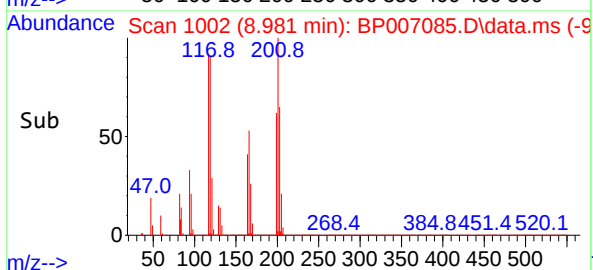
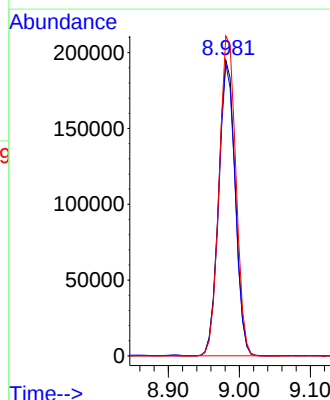
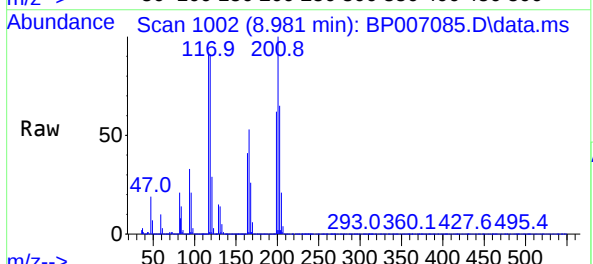
Manual Integrations  
APPROVED

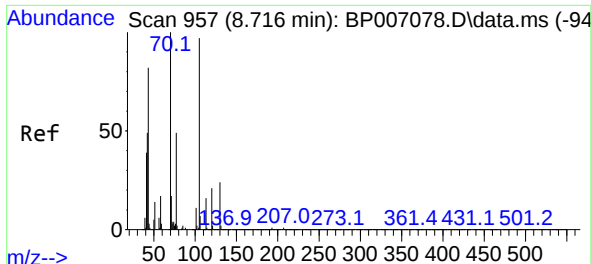
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#18  
Hexachloroethane  
Concen: 42.221 ng  
RT: 8.981 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 316920 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.9  | 76.2  | 114.2  |
| 201      | 108.2 | 83.4  | 125.0  |





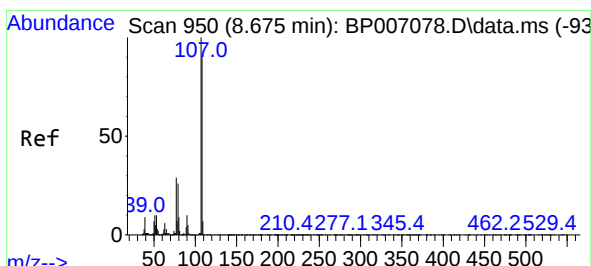
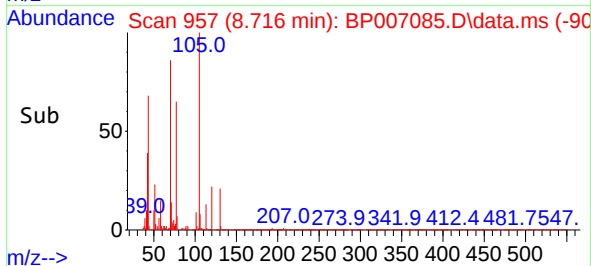
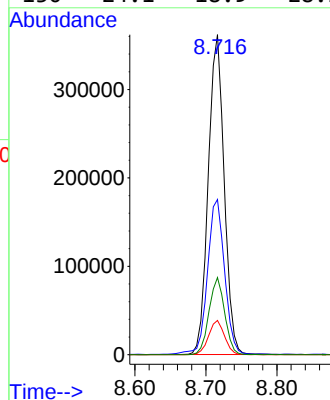
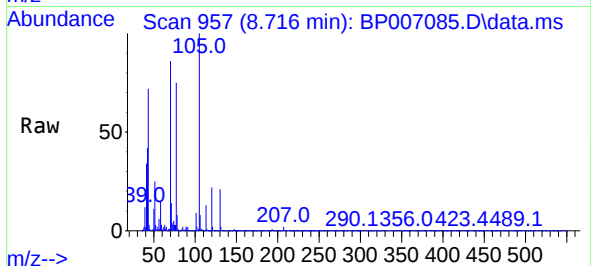
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.464 ng  
RT: 8.716 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 564683 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.5  | 40.8  | 61.2   |
| 101      | 10.7  | 8.8   | 13.2   |
| 130      | 24.1  | 18.9  | 28.3   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

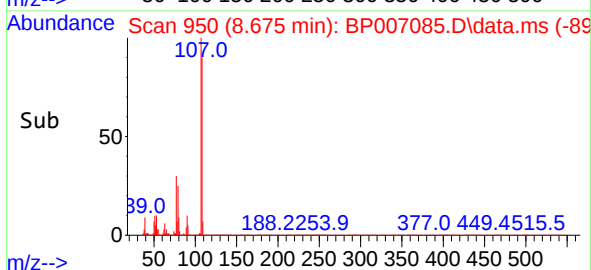
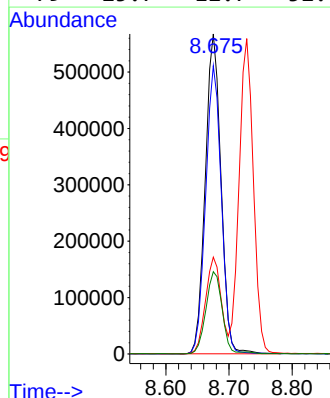
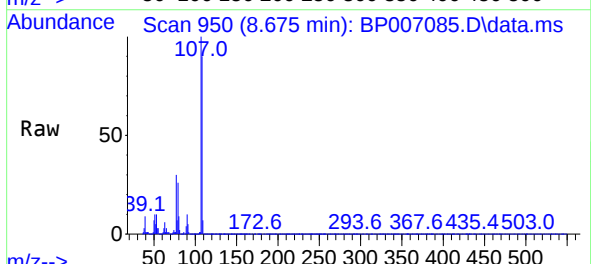
Manual Integrations  
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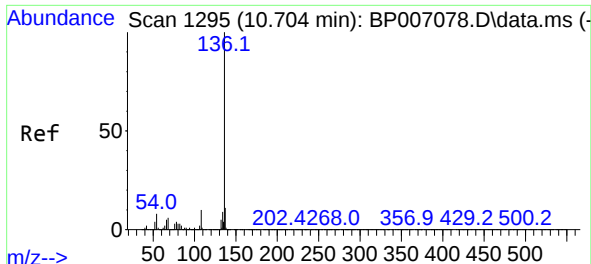
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#20  
3+4-Methylphenols  
Concen: 44.682 ng  
RT: 8.675 min Scan# 950  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

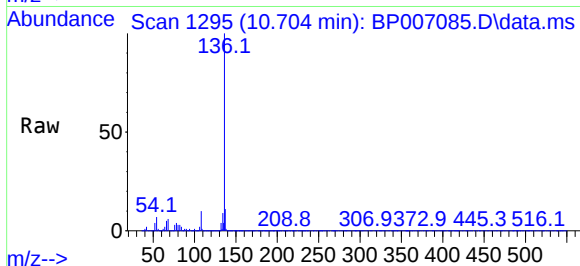
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 981784 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.0  | 71.0  | 111.0  |
| 77       | 30.3  | 16.6  | 56.6   |
| 79       | 25.7  | 12.7  | 52.7   |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

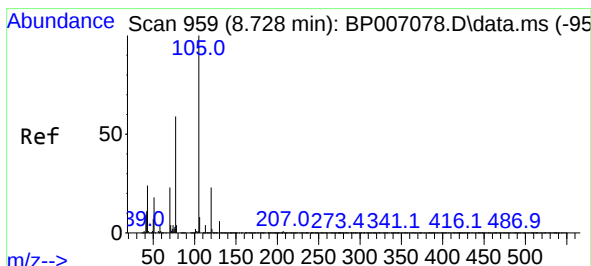
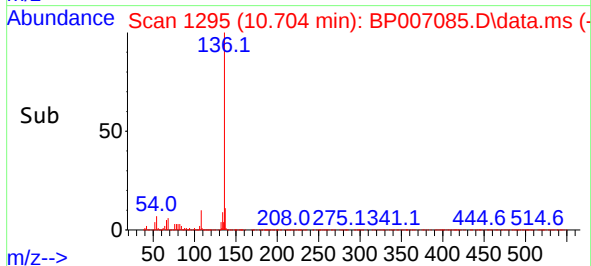
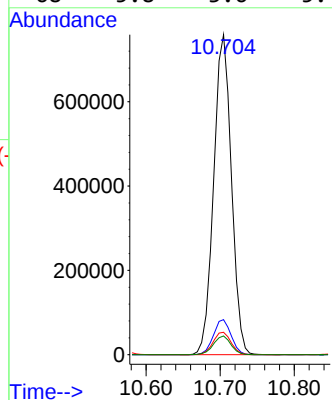
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



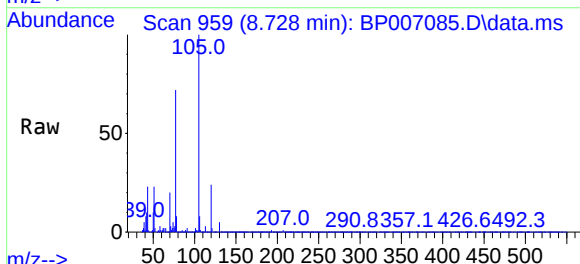
Tgt Ion:136 Resp: 1258587  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 7.0 4.6 6.8#  
68 5.8 3.6 5.4#

Manual Integrations  
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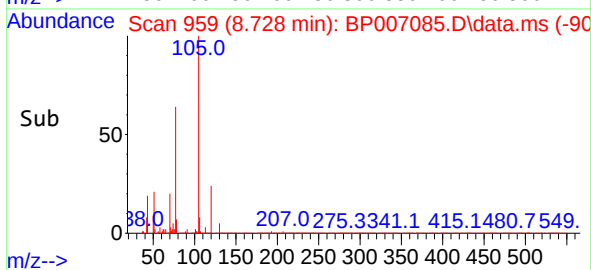
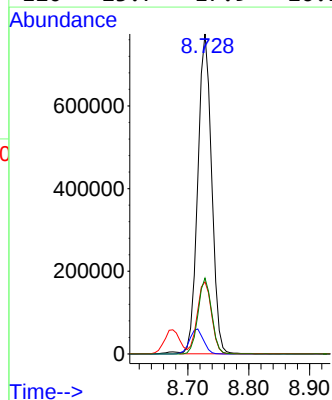
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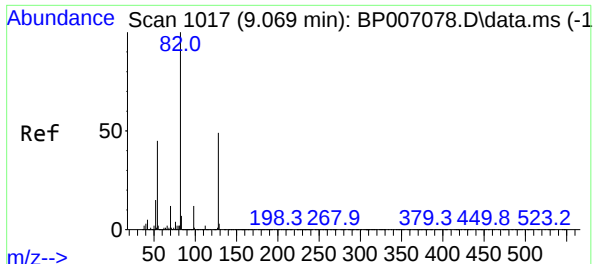


#22  
Acetophenone  
Concen: 40.153 ng  
RT: 8.728 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



Tgt Ion:105 Resp: 1217672  
Ion Ratio Lower Upper  
105 100  
71 3.4 1.9 2.9#  
51 22.5 18.4 27.6  
120 23.7 17.9 26.9





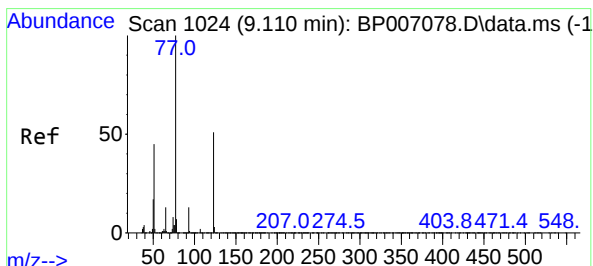
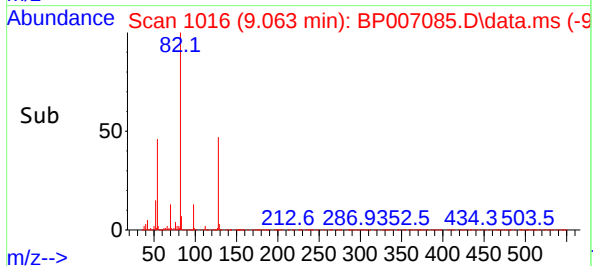
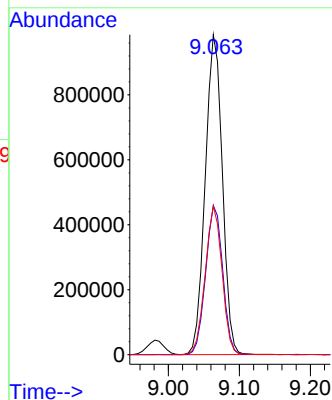
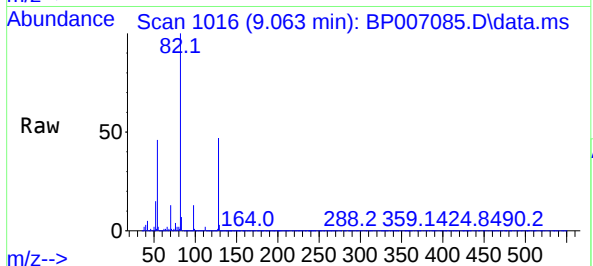
#23  
Nitrobenzene-d5  
Concen: 76.508 ng  
RT: 9.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion: 82 Resp: 1653465  
Ion Ratio Lower Upper  
82 100  
128 46.7 35.7 53.5  
54 46.4 35.0 52.4

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

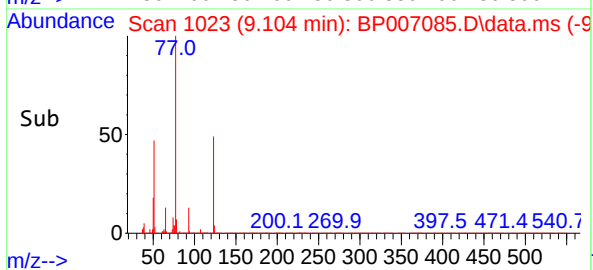
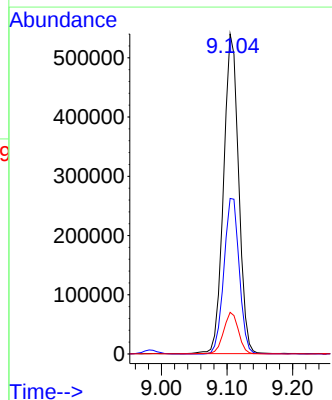
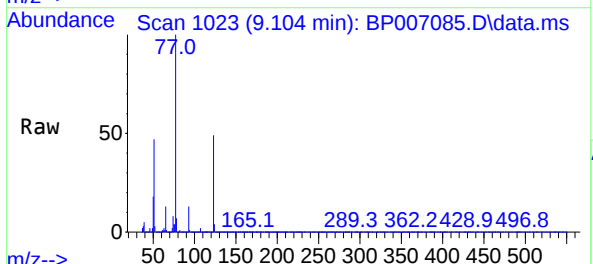
Manual Integrations  
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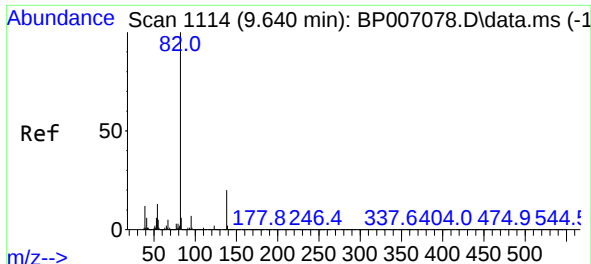
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#24  
Nitrobenzene  
Concen: 41.607 ng  
RT: 9.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

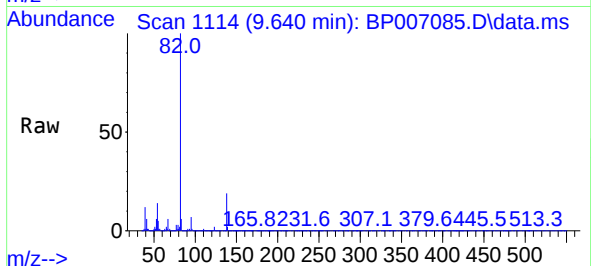
Tgt Ion: 77 Resp: 857305  
Ion Ratio Lower Upper  
77 100  
123 48.6 38.2 57.2  
65 13.0 11.4 17.2





#25  
Isophorone  
Concen: 41.287 ng  
RT: 9.640 min Scan# 1114  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

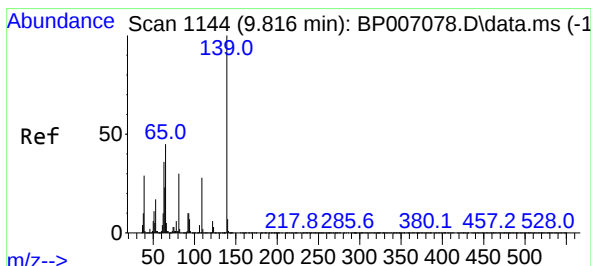
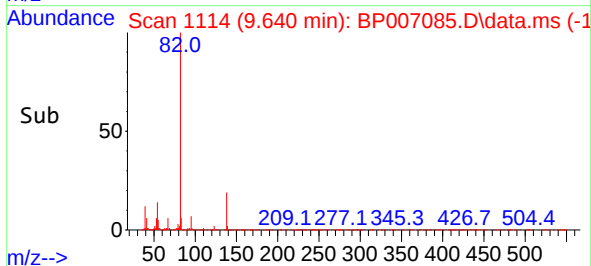
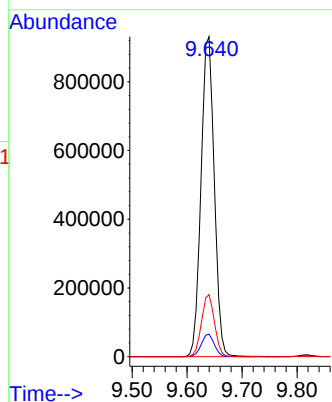
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



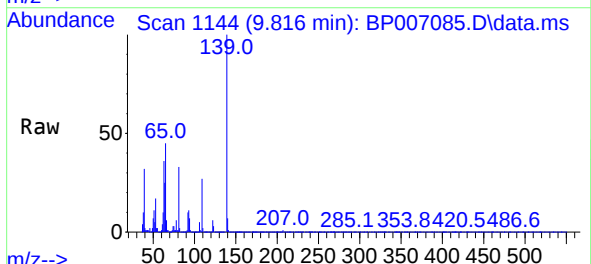
Tgt Ion: 82 Resp: 1555914  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.5 9.7  
138 19.4 15.0 22.4

Manual Integrations  
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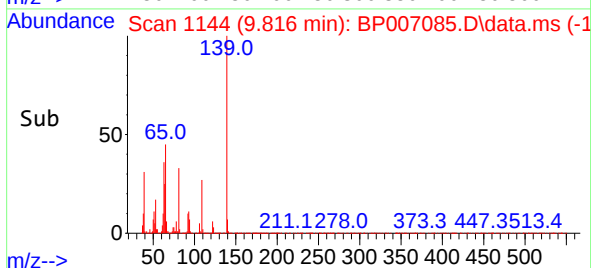
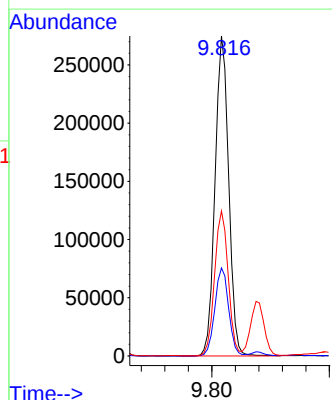
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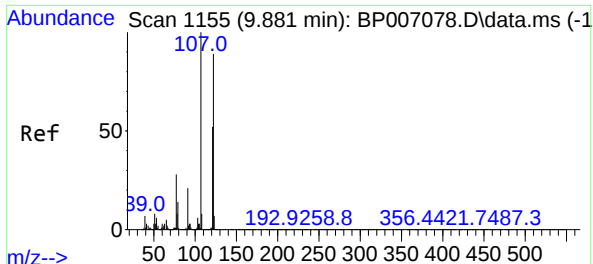


#26  
2-Nitrophenol  
Concen: 41.139 ng  
RT: 9.816 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



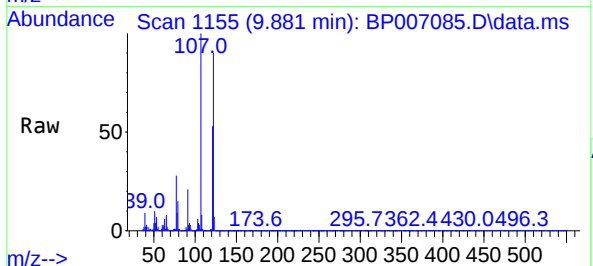
Tgt Ion: 139 Resp: 442008  
Ion Ratio Lower Upper  
139 100  
109 27.5 28.8 43.2#  
65 45.3 41.0 61.6





#27  
2,4-Dimethylphenol  
Concen: 47.961 ng  
RT: 9.881 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

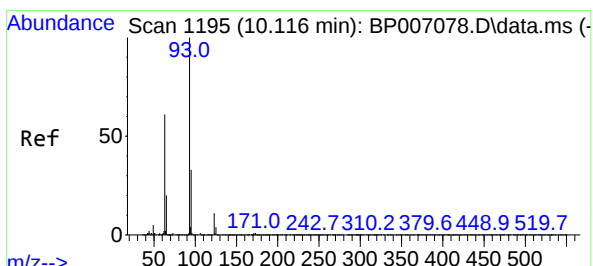
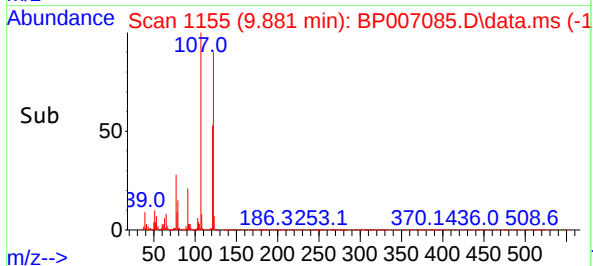
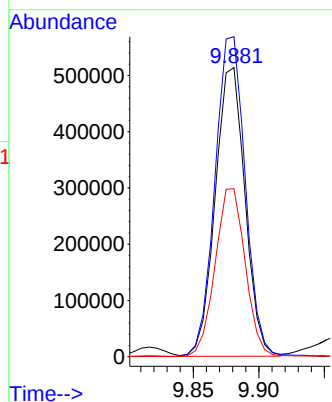
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



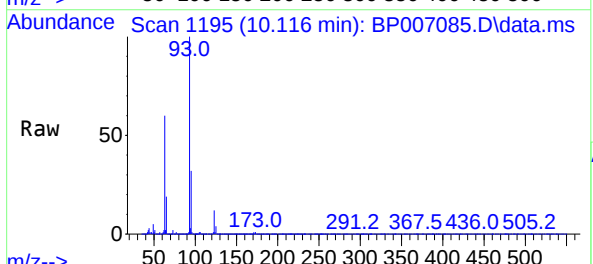
Tgt Ion:122 Resp: 811364  
Ion Ratio Lower Upper  
122 100  
107 110.7 94.5 141.7  
121 58.1 47.4 71.2

Manual Integrations  
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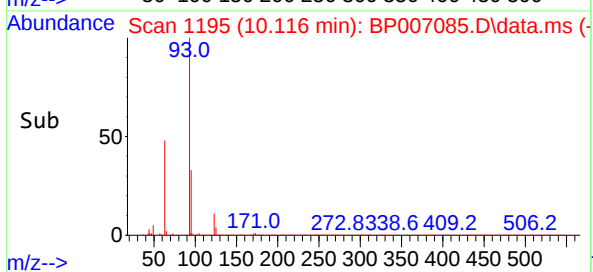
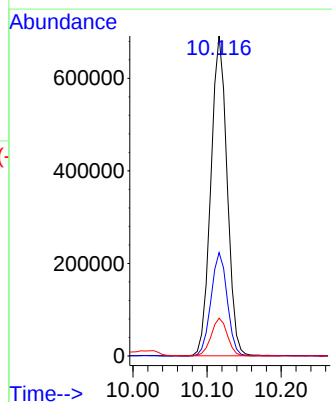
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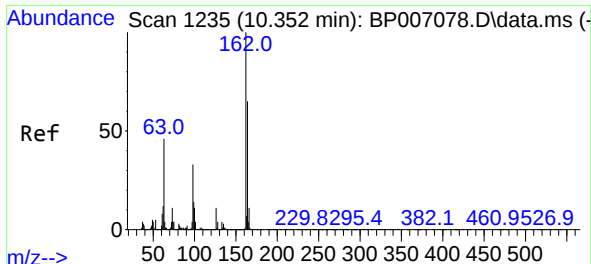


#28  
bis(2-Chloroethoxy)methane  
Concen: 39.609 ng  
RT: 10.116 min Scan# 1195  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



Tgt Ion: 93 Resp: 1053090  
Ion Ratio Lower Upper  
93 100  
95 32.3 25.9 38.9  
123 11.8 10.2 15.2





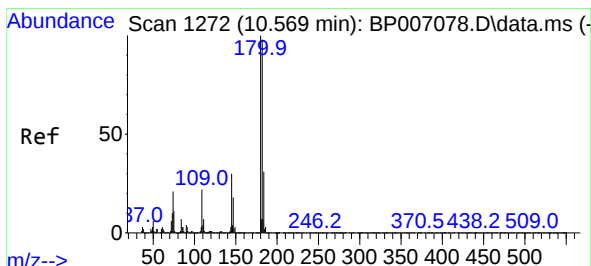
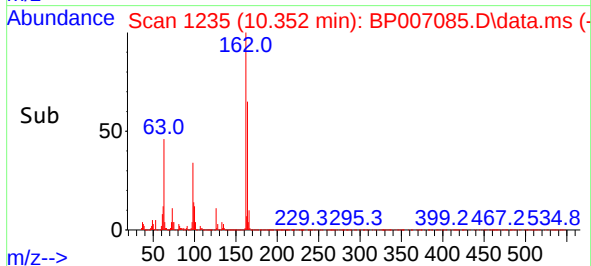
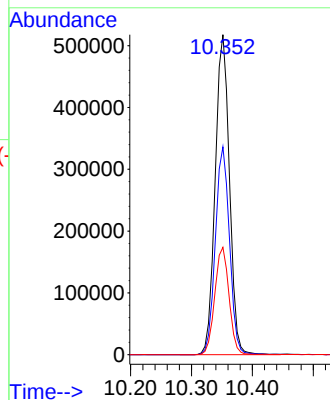
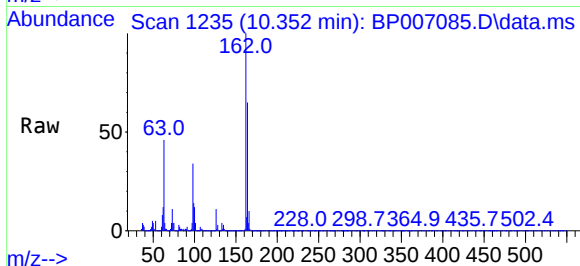
#29  
2,4-Dichlorophenol  
Concen: 42.559 ng  
RT: 10.352 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.0  | 44.9  | 84.9  |
| 98      | 33.5  | 14.3  | 54.3  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

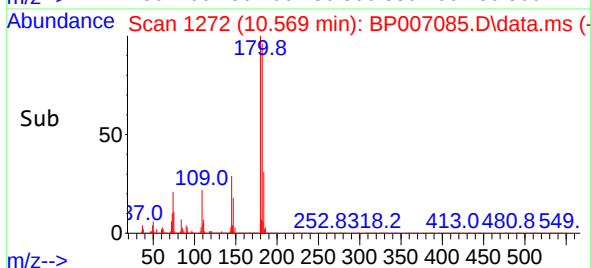
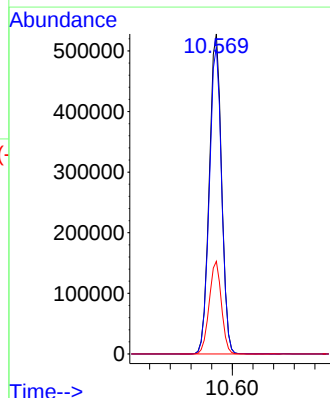
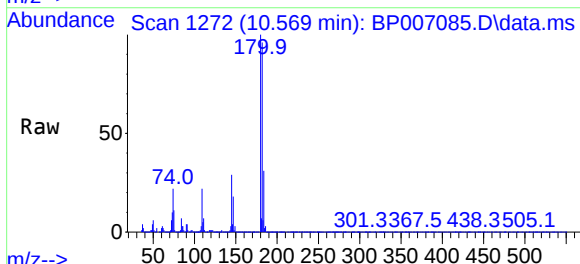
Manual Integrations  
APPROVED

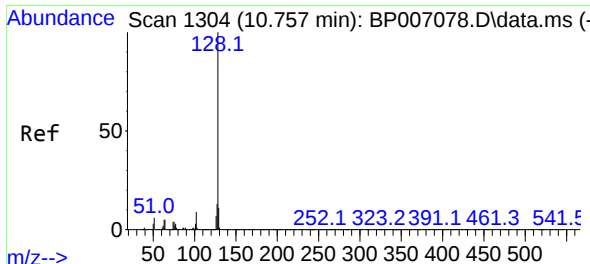
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#30  
1,2,4-Trichlorobenzene  
Concen: 38.563 ng  
RT: 10.569 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

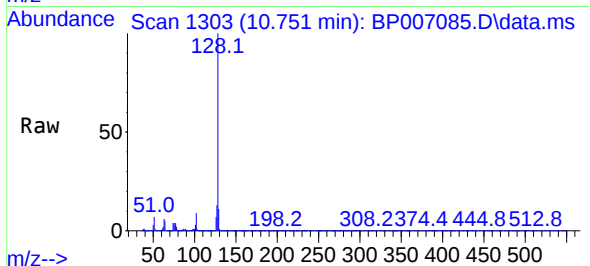
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 77.9  | 116.9 |
| 145     | 28.9  | 24.7  | 37.1  |





#31  
Naphthalene  
Concen: 39.979 ng  
RT: 10.751 min Scan# 1303  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

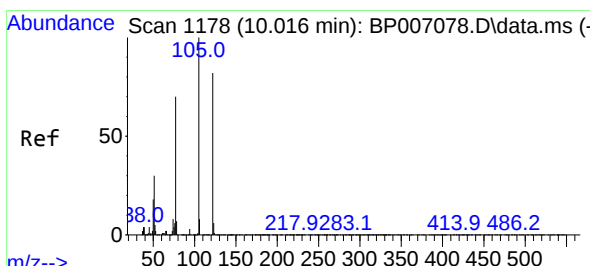
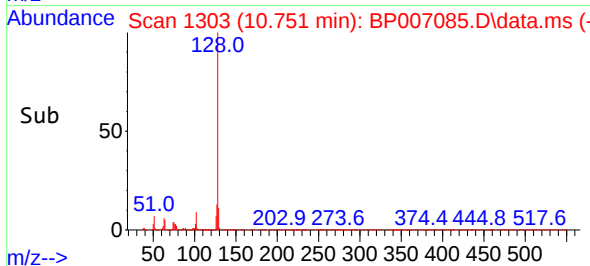
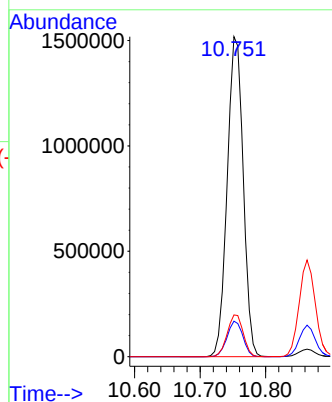
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



Tgt Ion:128 Resp: 2567985  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.1 10.7 16.1

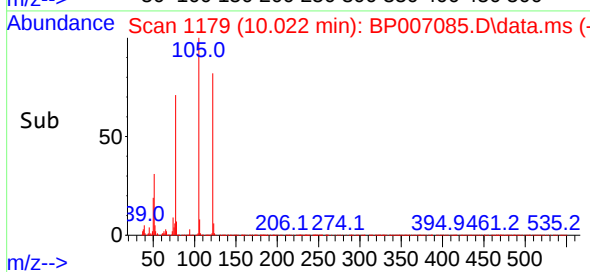
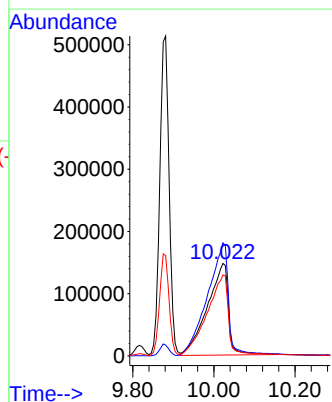
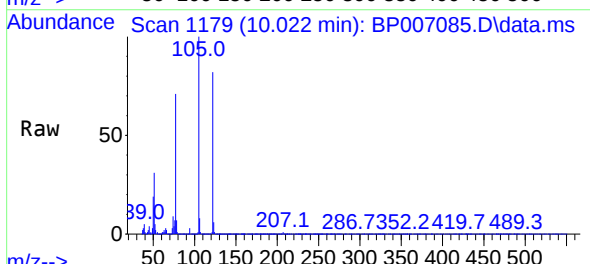
Manual Integrations  
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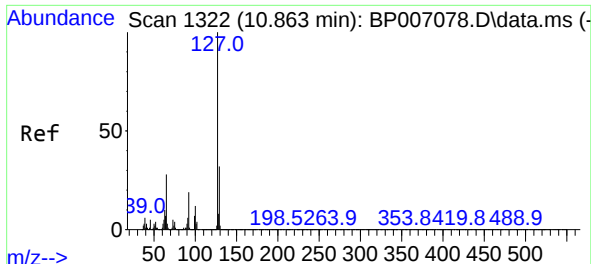
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#32  
Benzoic acid  
Concen: 41.163 ng  
RT: 10.022 min Scan# 1179  
Delta R.T. 0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

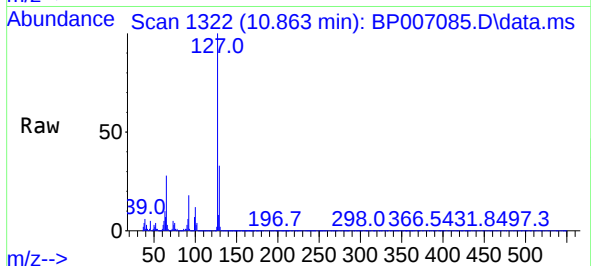
Tgt Ion:122 Resp: 535208  
Ion Ratio Lower Upper  
122 100  
105 122.4 103.2 143.2  
77 87.5 76.2 116.2





#33  
4-Chloroaniline  
Concen: 29.718 ng  
RT: 10.863 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

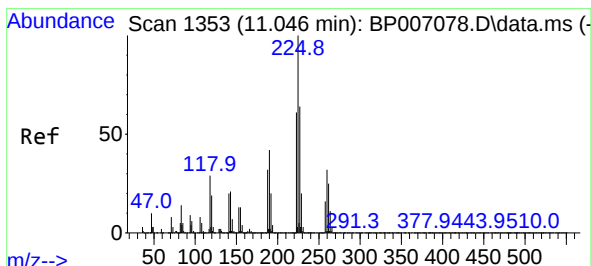
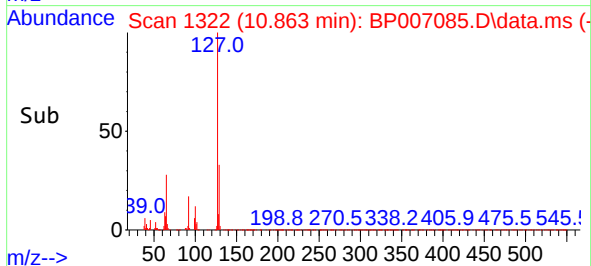
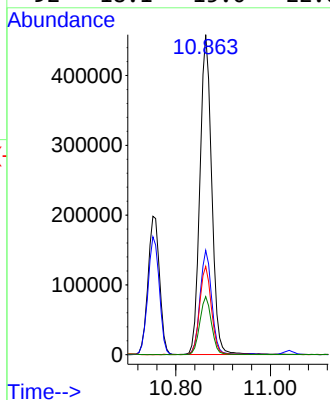
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 788630 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.1  | 39.1   |
| 65       | 27.6  | 22.5  | 33.7   |
| 92       | 18.1  | 15.0  | 22.6   |

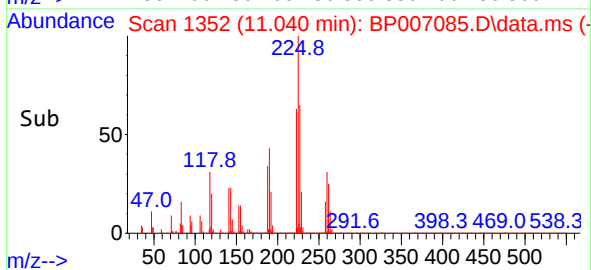
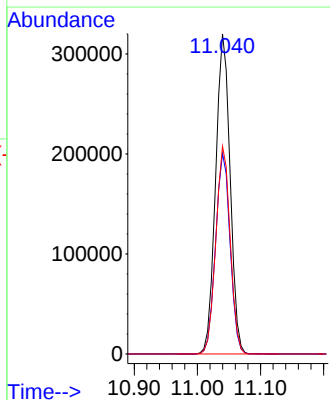
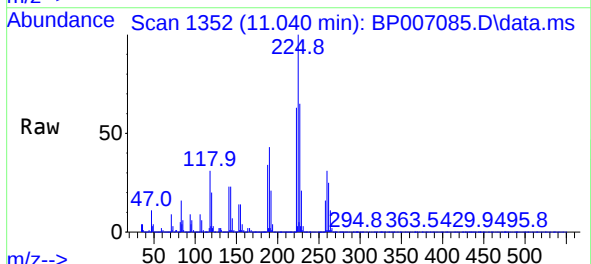
Manual Integrations  
APPROVED

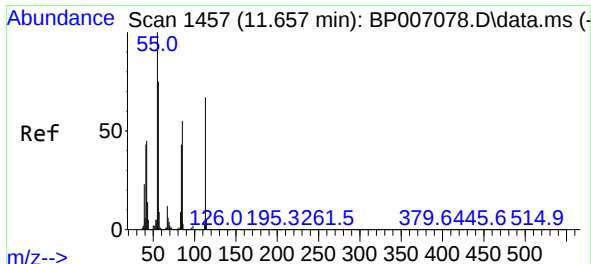
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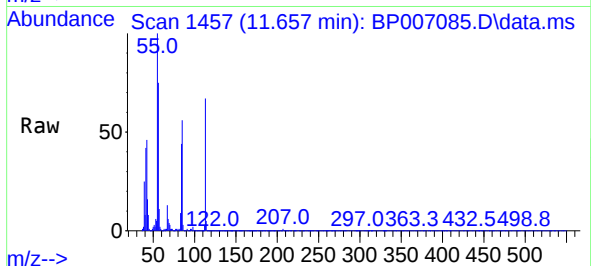
#34  
Hexachlorobutadiene  
Concen: 37.802 ng  
RT: 11.040 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 508849 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 51.0  | 76.6   |
| 227      | 64.9  | 51.4  | 77.2   |

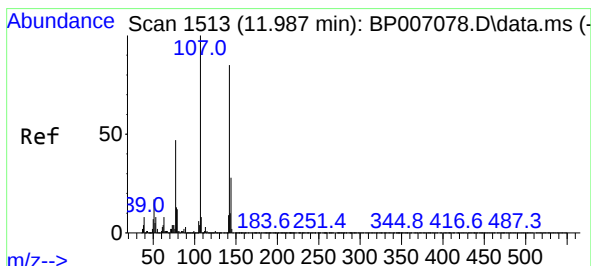
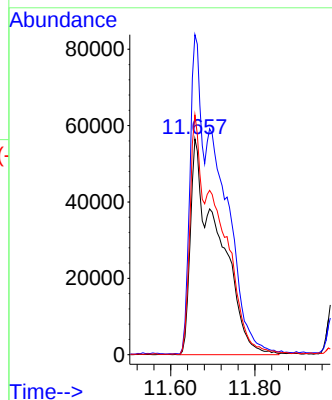
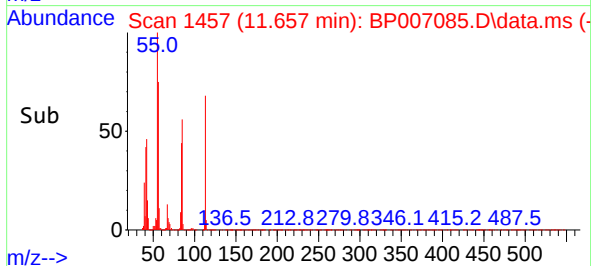




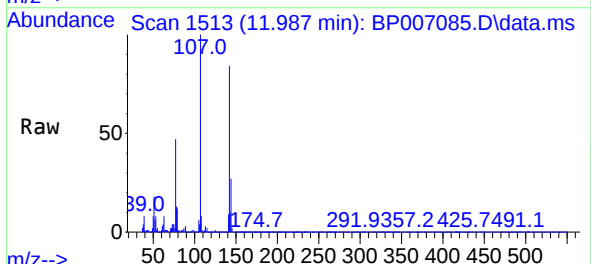
#35  
Caprolactam  
Concen: 42.890 ng m  
RT: 11.657 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



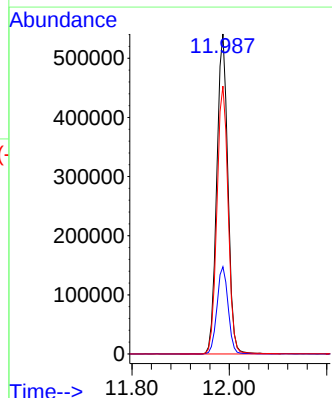
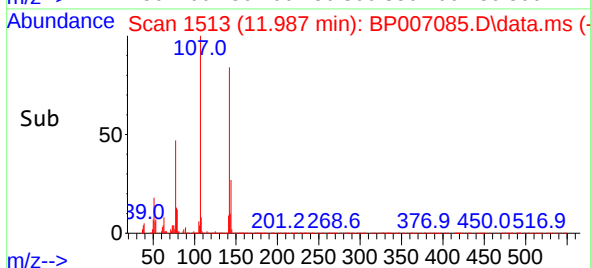
Tgt Ion:113 Resp: 260391  
Ion Ratio Lower Upper  
113 100  
55 148.3 98.9 138.9#  
56 111.2 71.7 111.7



#36  
4-Chloro-3-methylphenol  
Concen: 42.542 ng  
RT: 11.987 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



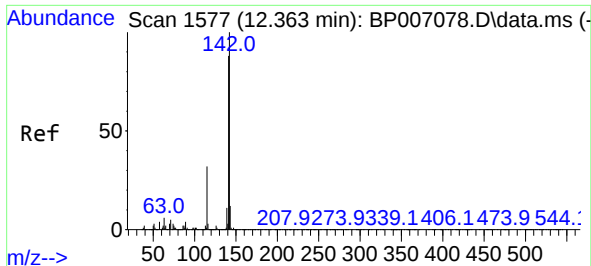
Tgt Ion:107 Resp: 853354  
Ion Ratio Lower Upper  
107 100  
144 27.3 21.1 31.7  
142 83.7 66.0 99.0



Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

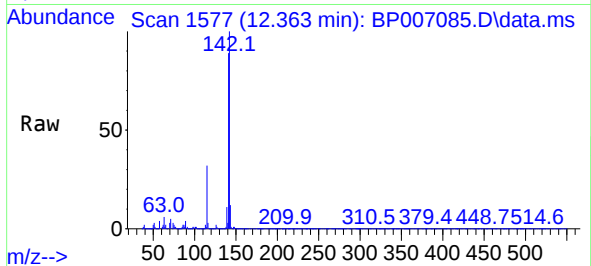
Manual Integrations  
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#37  
2-Methylnaphthalene  
Concen: 41.858 ng  
RT: 12.363 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

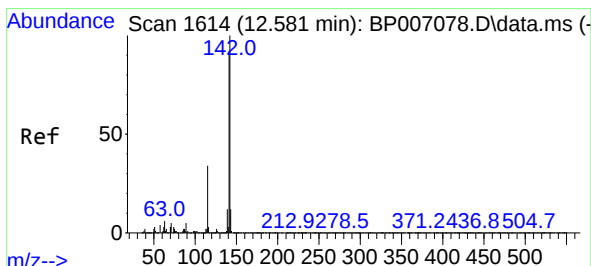
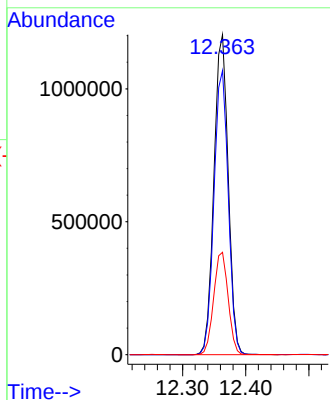
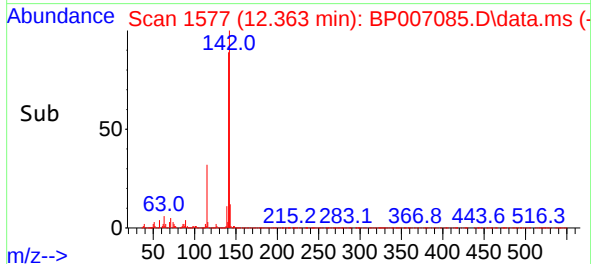
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



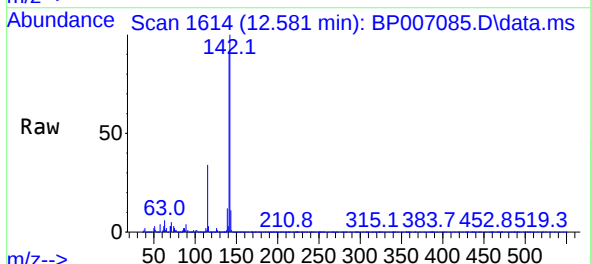
Tgt Ion:142 Resp: 1882641  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.8 107.6  
115 32.0 31.6 47.4

Manual Integrations  
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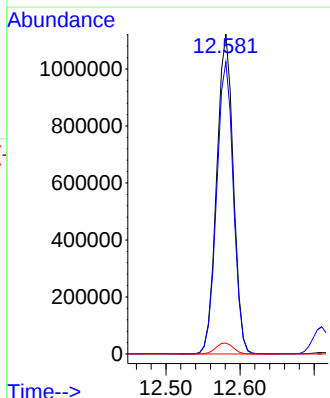
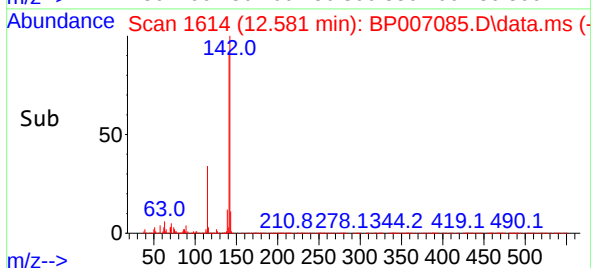
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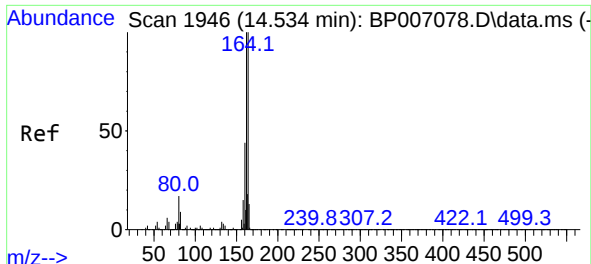


#38  
1-Methylnaphthalene  
Concen: 39.759 ng  
RT: 12.581 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



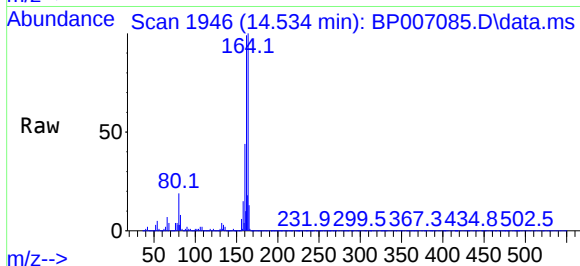
Tgt Ion:142 Resp: 1747286  
Ion Ratio Lower Upper  
142 100  
141 91.3 73.3 109.9  
116 3.4 3.5 5.3#





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

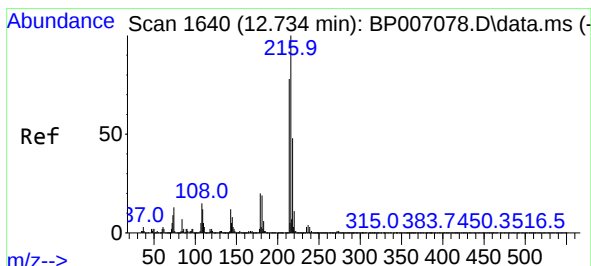
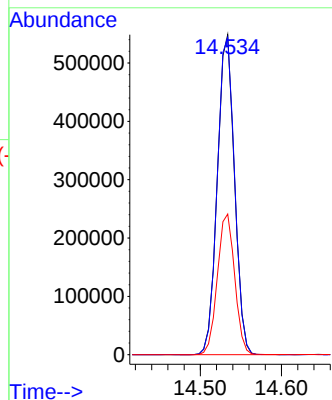
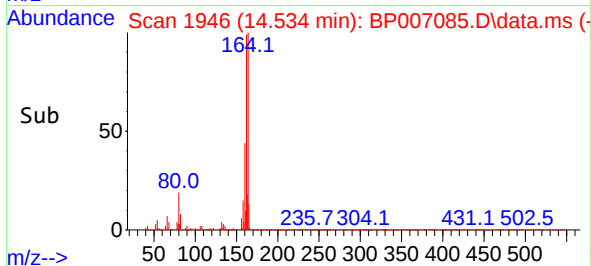
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



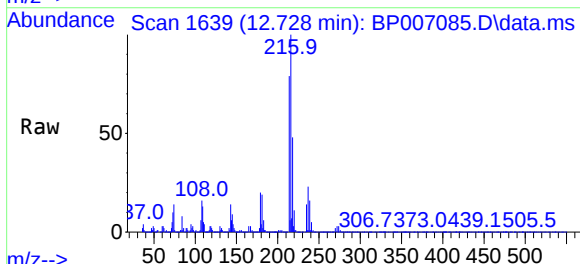
Tgt Ion:164 Resp: 804381  
Ion Ratio Lower Upper  
164 100  
162 99.2 80.2 120.2  
160 44.0 34.5 51.7

Manual Integrations  
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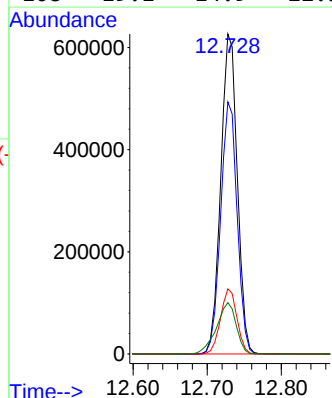
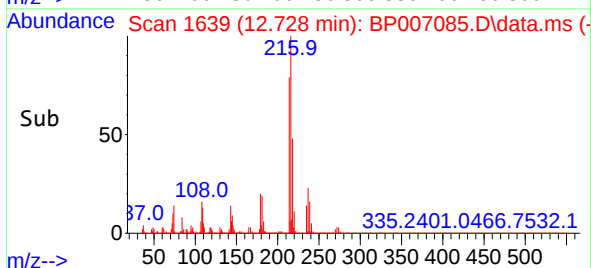
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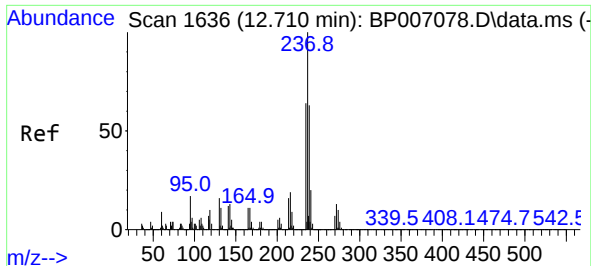


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.387 ng  
RT: 12.728 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



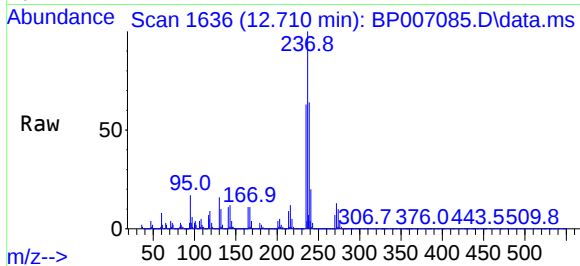
Tgt Ion:216 Resp: 970219  
Ion Ratio Lower Upper  
216 100  
214 78.6 61.9 92.9  
179 20.1 16.8 25.2  
108 19.1 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 93.380 ng  
RT: 12.710 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

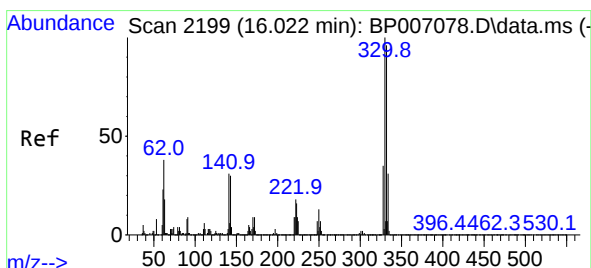
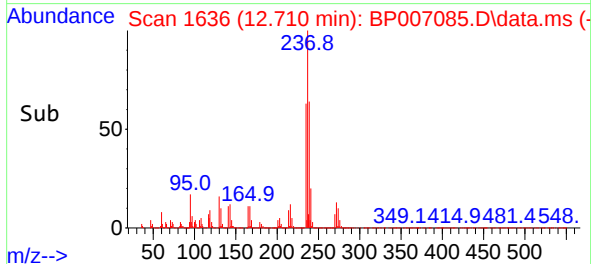
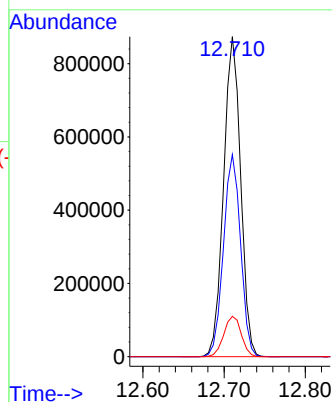


Tgt Ion:237 Resp: 1274862

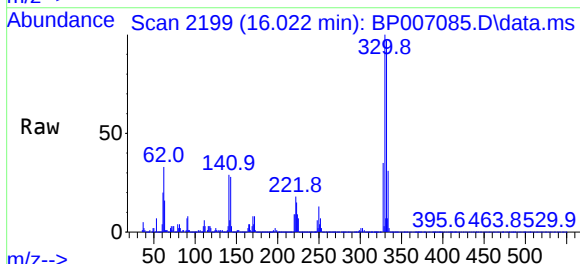
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.2  | 44.5  | 84.5  |
| 272 | 12.6  | 0.0   | 32.5  |

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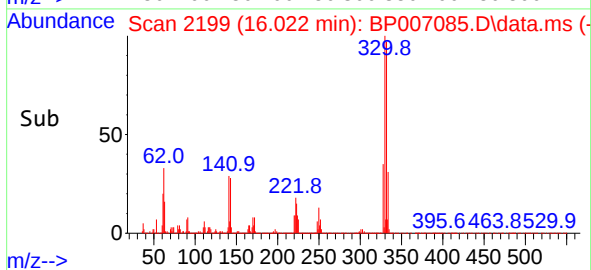
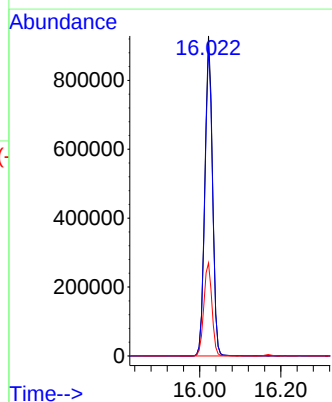


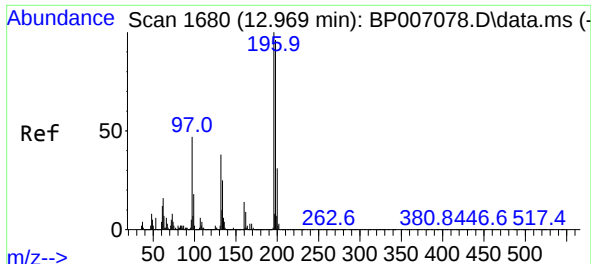
#42  
2,4,6-Tribromophenol  
Concen: 116.232 ng  
RT: 16.022 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



Tgt Ion:330 Resp: 1212109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.0  | 77.8  | 116.8 |
| 141 | 30.7  | 25.4  | 38.2  |





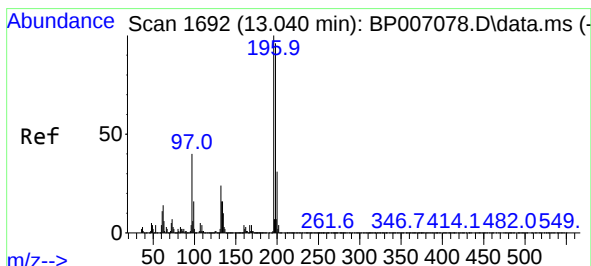
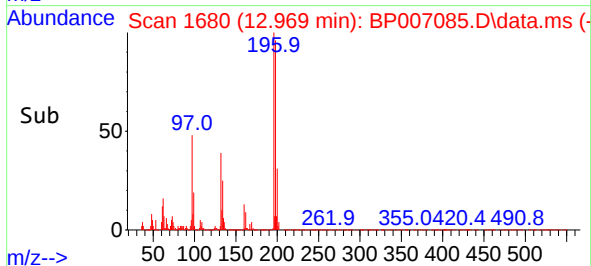
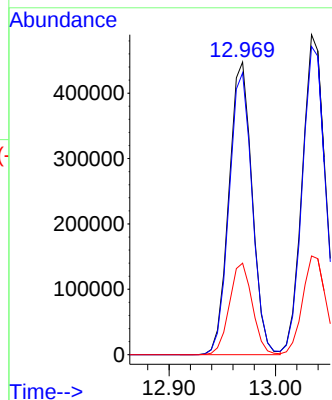
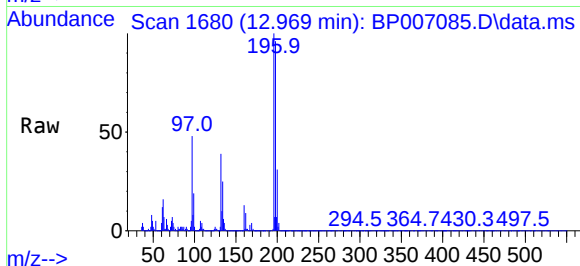
#43  
2,4,6-Trichlorophenol  
Concen: 40.292 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
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Tgt Ion:196 Resp: 677235  
Ion Ratio Lower Upper  
196 100  
198 96.3 79.5 119.3  
200 31.3 25.0 37.6

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

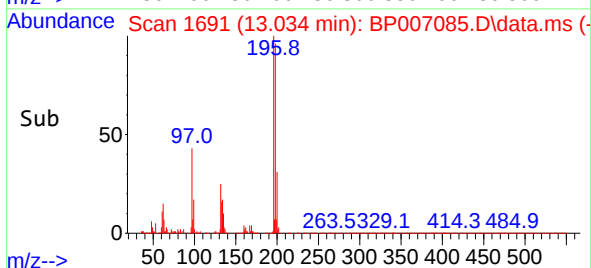
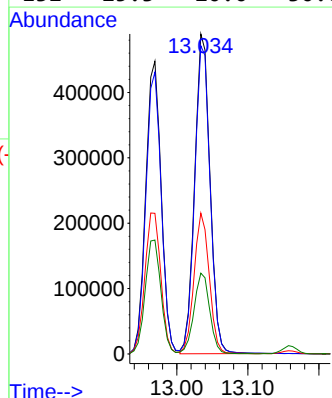
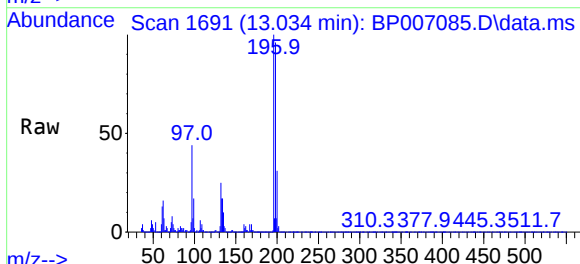
Manual Integrations  
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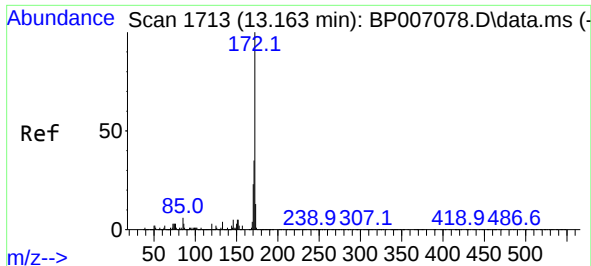
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#44  
2,4,5-Trichlorophenol  
Concen: 40.794 ng  
RT: 13.034 min Scan# 1691  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

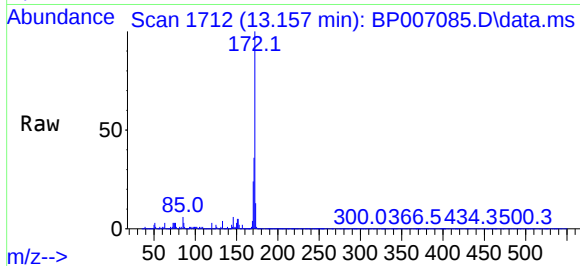
Tgt Ion:196 Resp: 738364  
Ion Ratio Lower Upper  
196 100  
198 96.3 74.7 112.1  
97 44.0 37.4 56.0  
132 25.3 20.0 30.0





#45  
2-Fluorobiphenyl  
Concen: 74.161 ng  
RT: 13.157 min Scan# 1712  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

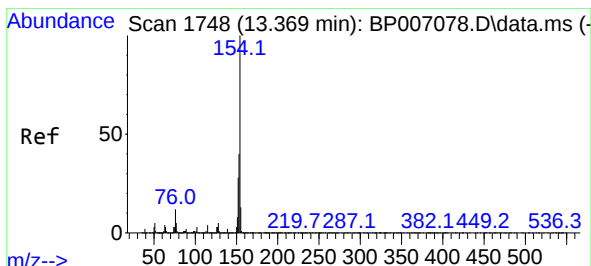
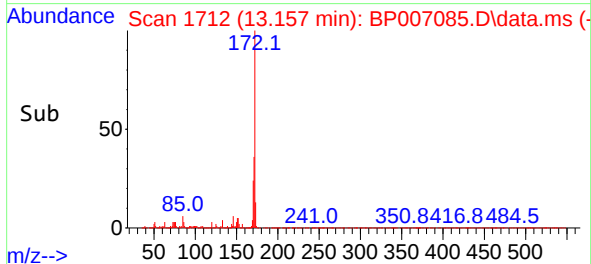
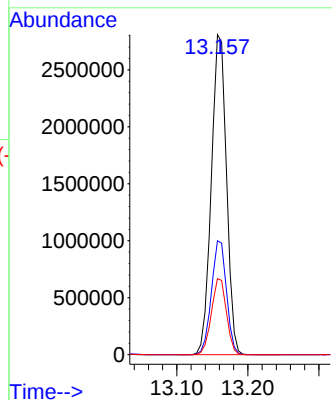
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



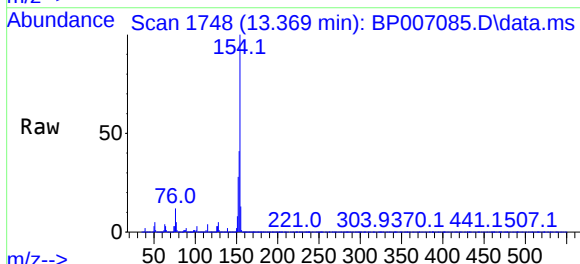
Tgt Ion:172 Resp: 4163918  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.9 41.9  
170 23.8 18.6 27.8

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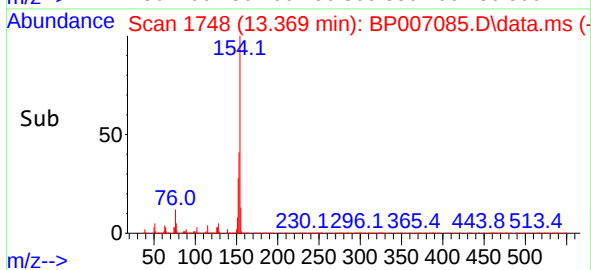
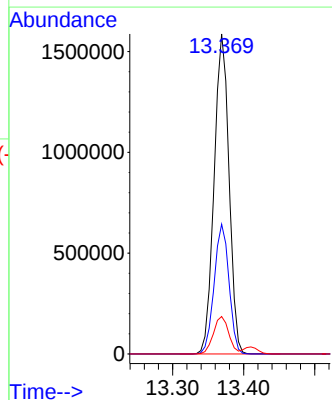
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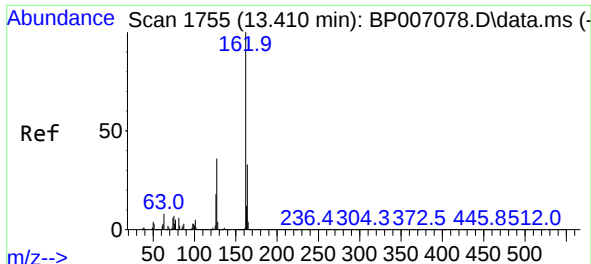


#46  
1,1'-Biphenyl  
Concen: 38.520 ng  
RT: 13.369 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



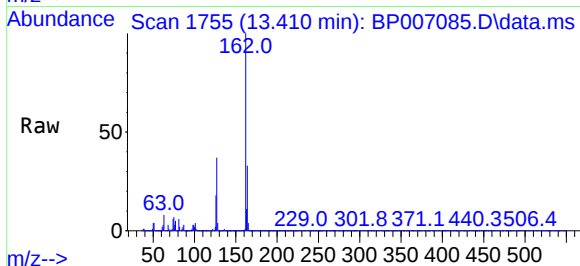
Tgt Ion:154 Resp: 2304713  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.4 60.4  
76 11.7 0.0 30.8





#47  
2-Chloronaphthalene  
Concen: 39.789 ng  
RT: 13.410 min Scan# 1755  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

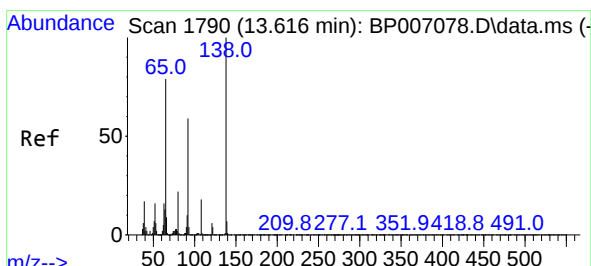
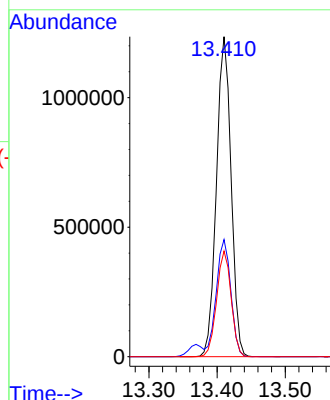
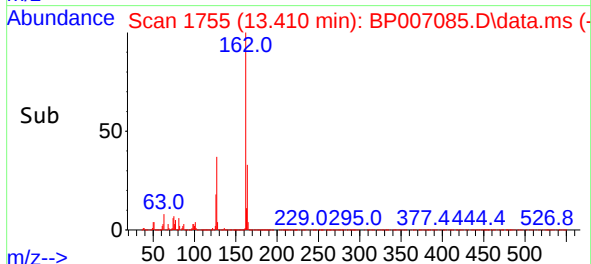
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



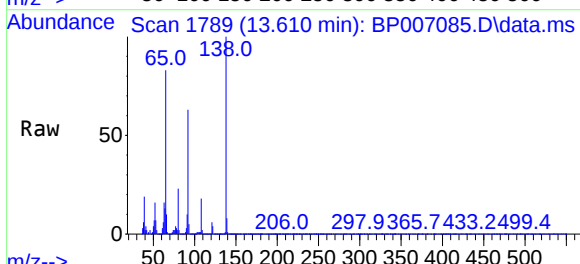
Tgt Ion:162 Resp: 1844133  
Ion Ratio Lower Upper  
162 100  
127 36.6 31.4 47.0  
164 33.0 26.6 39.8

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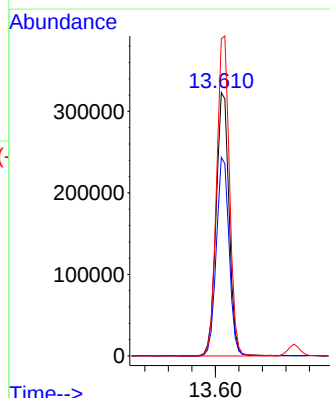
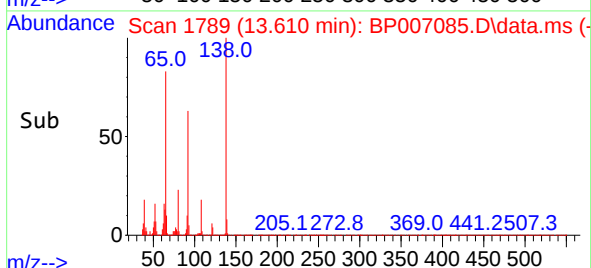
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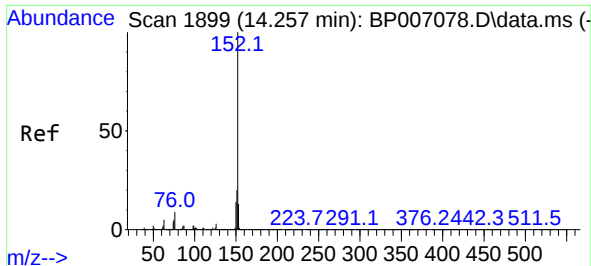


#48  
2-Nitroaniline  
Concen: 43.779 ng  
RT: 13.610 min Scan# 1789  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



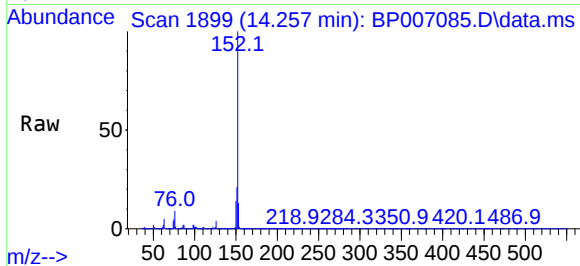
Tgt Ion: 65 Resp: 494694  
Ion Ratio Lower Upper  
65 100  
92 75.4 57.7 86.5  
138 120.5 92.1 138.1



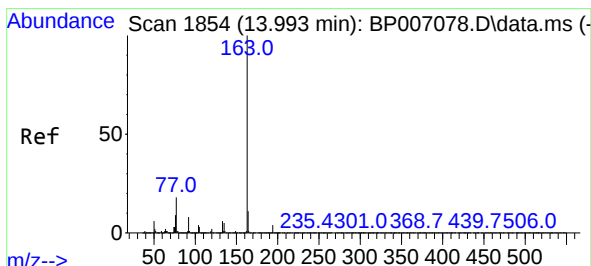
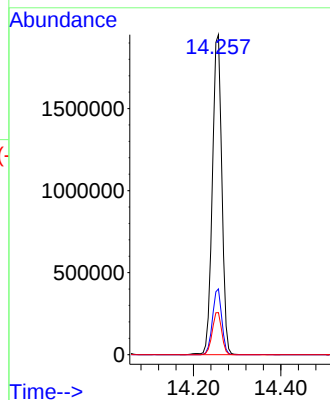
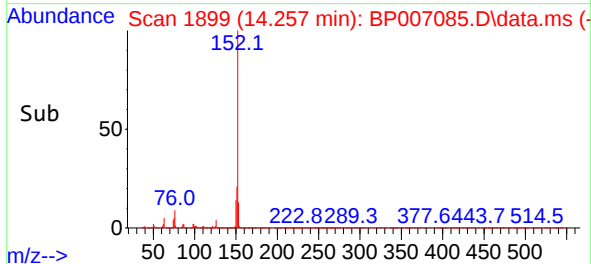


#49  
Acenaphthylene  
Concen: 41.076 ng  
RT: 14.257 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

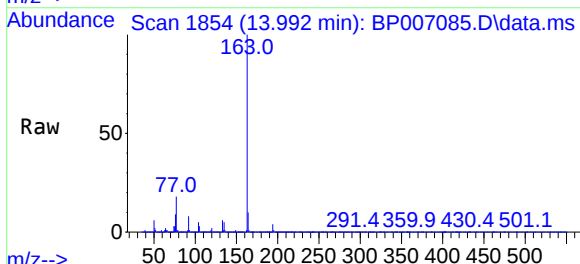
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



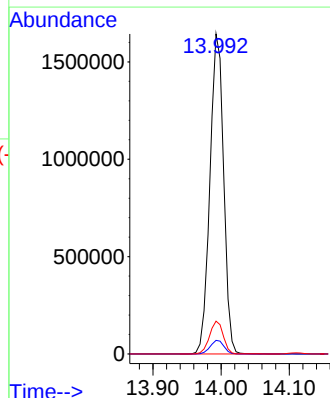
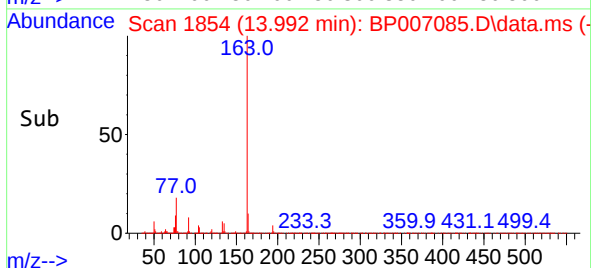
Tgt Ion:152 Resp: 2932176  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.2 24.2  
153 13.1 10.6 16.0

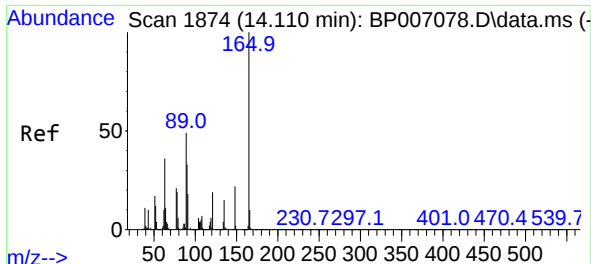


#50  
Dimethylphthalate  
Concen: 39.780 ng  
RT: 13.992 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



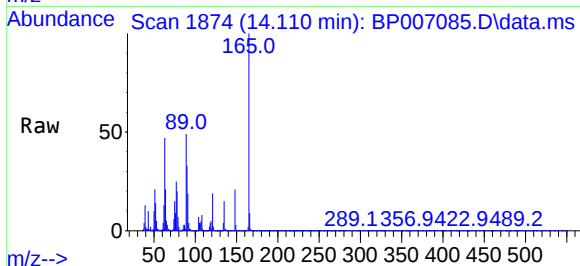
Tgt Ion:163 Resp: 2301373  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.3 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 43.458 ng  
RT: 14.110 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

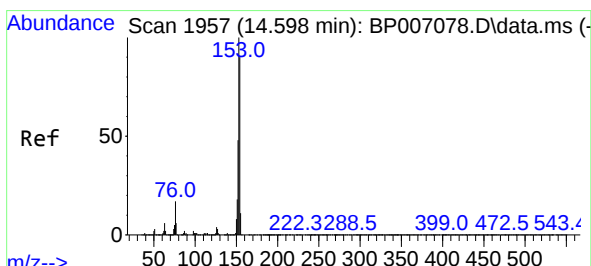
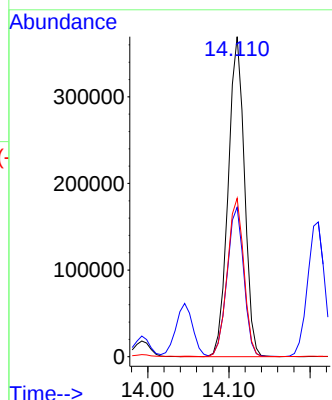
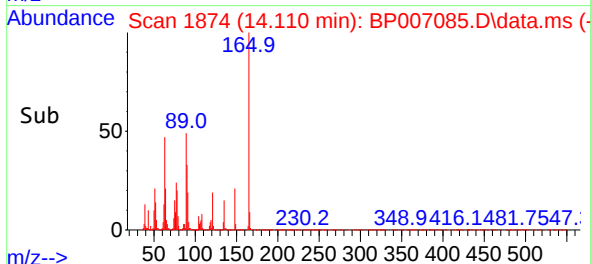
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



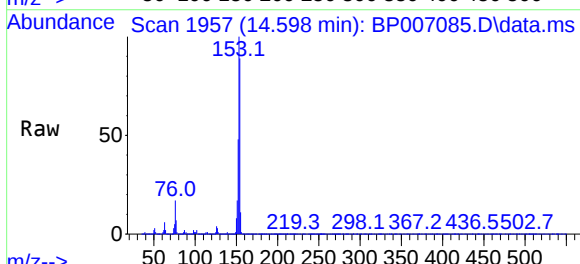
Tgt Ion:165 Resp: 513580  
Ion Ratio Lower Upper  
165 100  
63 46.7 41.3 61.9  
89 49.5 44.8 67.2

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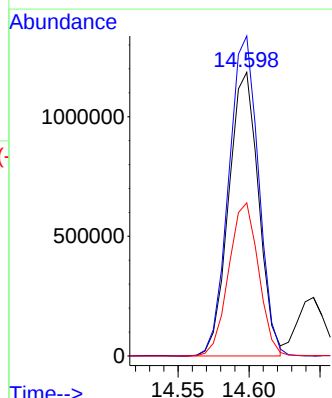
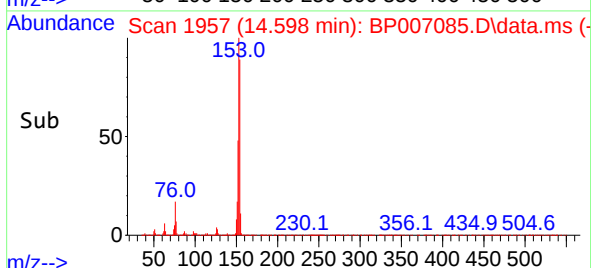
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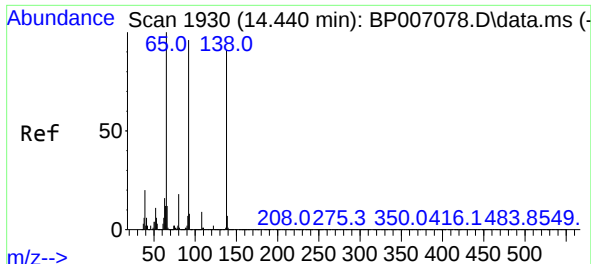


#52  
Acenaphthene  
Concen: 40.157 ng  
RT: 14.598 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



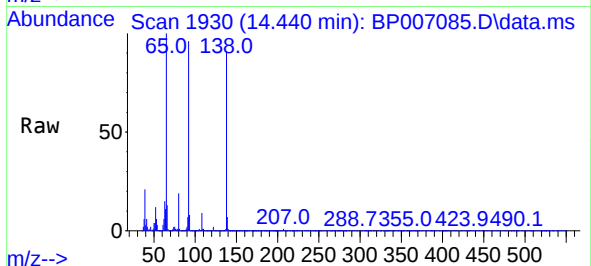
Tgt Ion:154 Resp: 1736772  
Ion Ratio Lower Upper  
154 100  
153 112.8 89.4 134.2  
152 54.0 43.0 64.4





#53  
3-Nitroaniline  
Concen: 34.742 ng  
RT: 14.440 min Scan# 1930  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

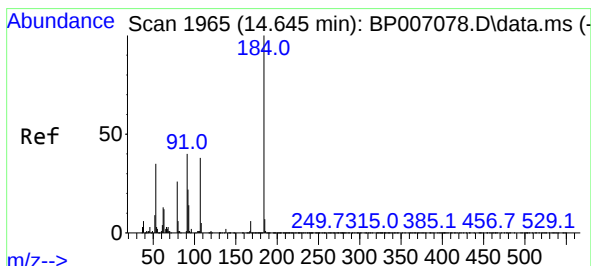
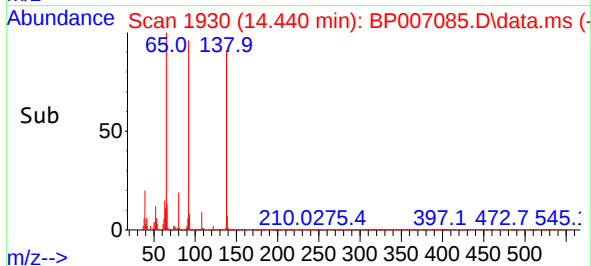
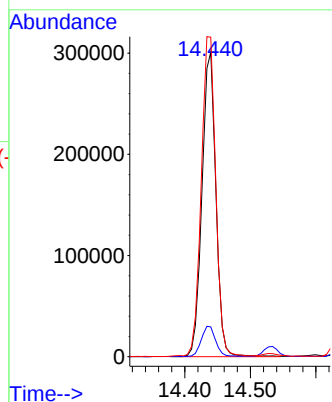
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



Tgt Ion:138 Resp: 443926  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.4 12.6  
92 104.9 87.8 131.8

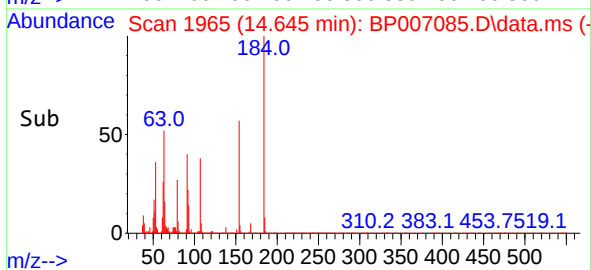
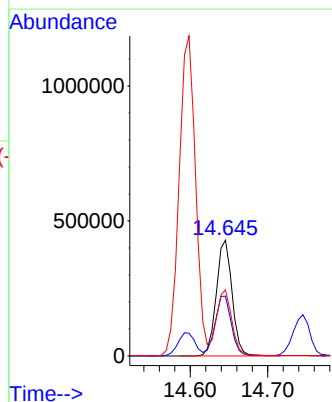
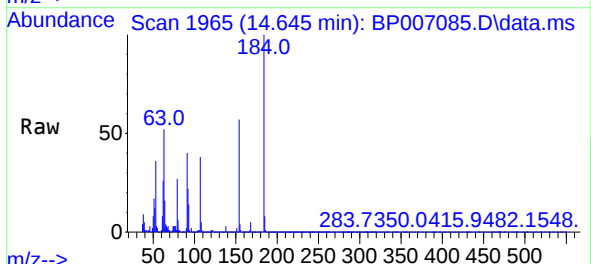
Manual Integrations  
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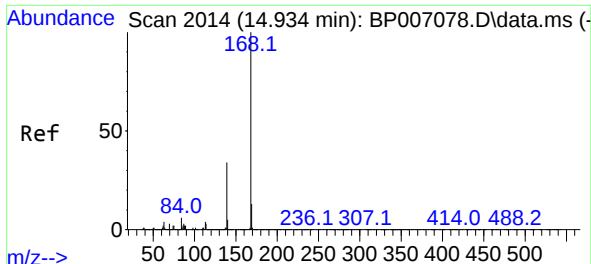
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#54  
2,4-Dinitrophenol  
Concen: 89.170 ng  
RT: 14.645 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

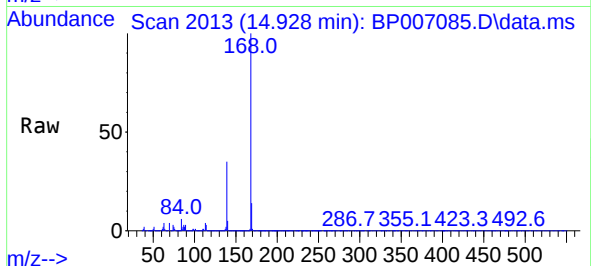
Tgt Ion:184 Resp: 607027  
Ion Ratio Lower Upper  
184 100  
63 51.7 47.0 70.6  
154 57.0 52.3 78.5





#55  
Dibenzenofuran  
Concen: 38.820 ng  
RT: 14.928 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

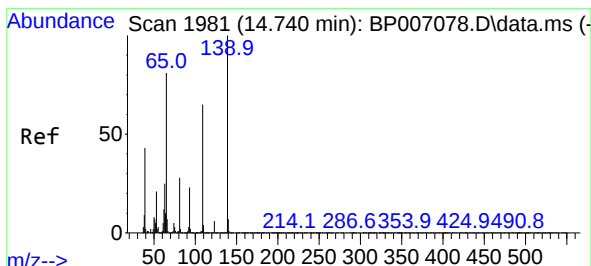
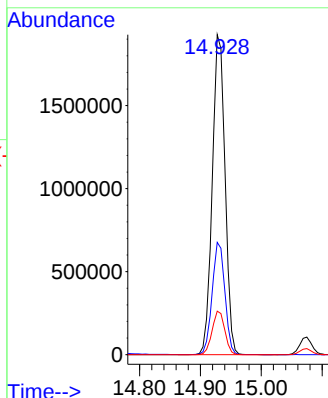
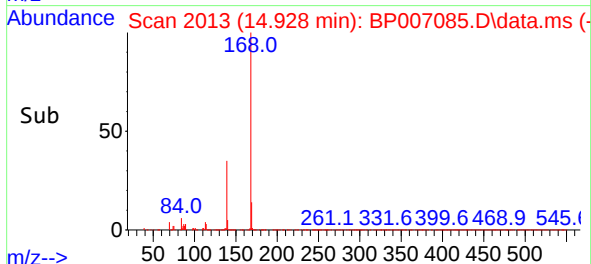
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



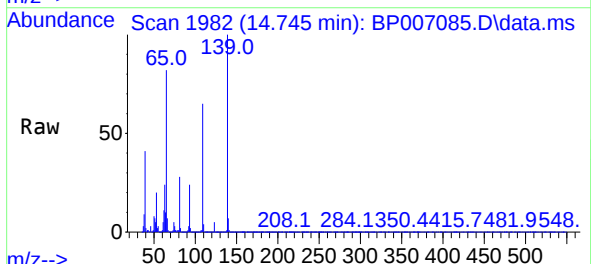
Tgt Ion:168 Resp: 2801204  
Ion Ratio Lower Upper  
168 100  
139 35.1 31.0 46.6  
169 13.6 10.8 16.2

Manual Integrations  
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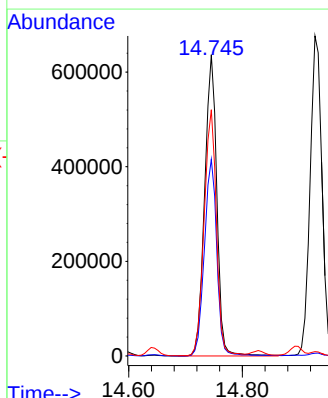
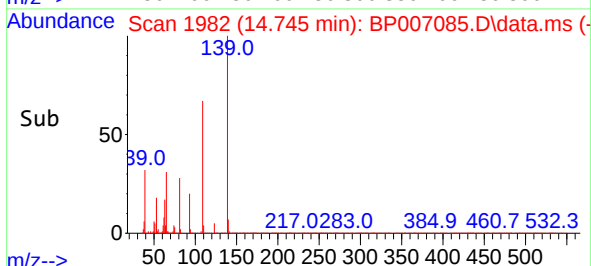
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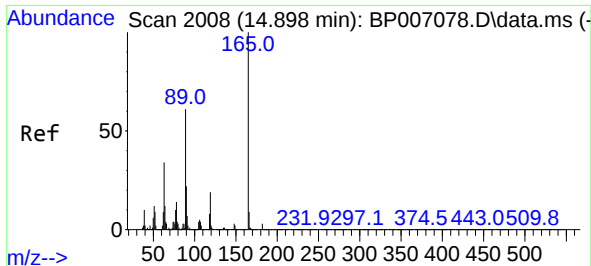


#56  
4-Nitrophenol  
Concen: 90.956 ng  
RT: 14.745 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



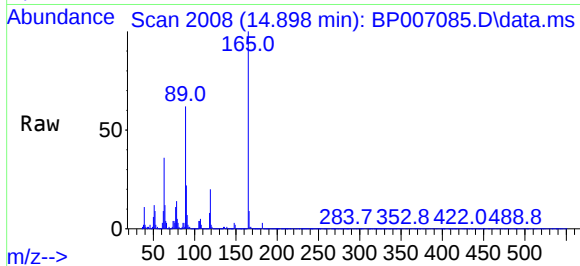
Tgt Ion:139 Resp: 943533  
Ion Ratio Lower Upper  
139 100  
109 65.3 72.3 112.3#  
65 81.7 72.5 112.5





#57  
2,4-Dinitrotoluene  
Concen: 44.479 ng  
RT: 14.898 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

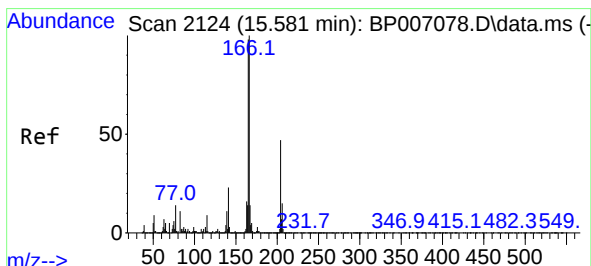
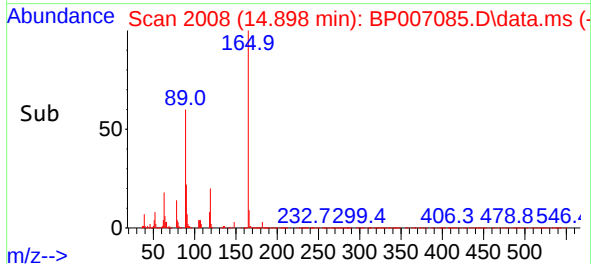
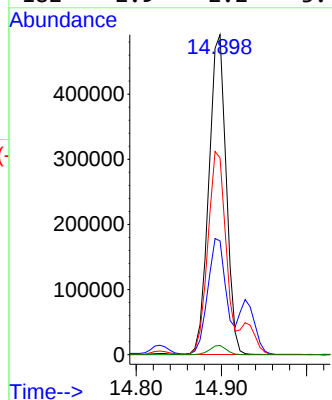
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



Tgt Ion:165 Resp: 693636  
Ion Ratio Lower Upper  
165 100  
63 35.6 32.3 48.5  
89 61.5 55.9 83.9  
182 2.9 2.2 3.4

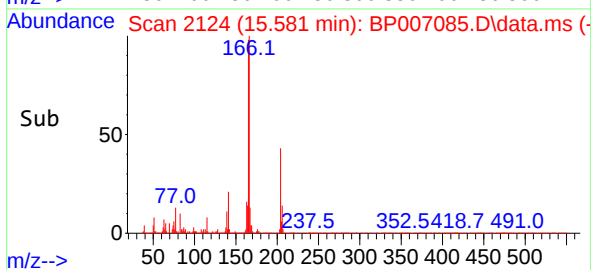
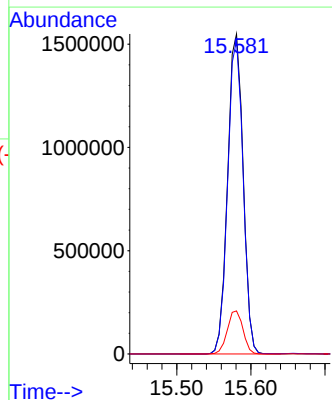
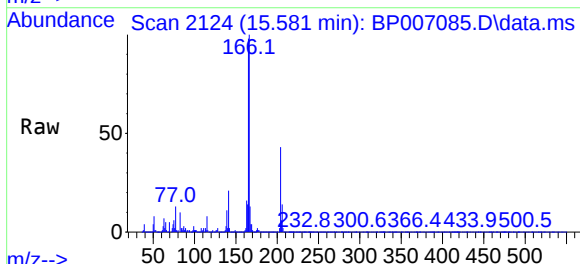
Manual Integrations  
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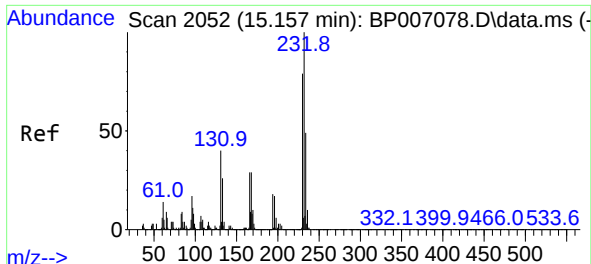
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#58  
Fluorene  
Concen: 40.394 ng  
RT: 15.581 min Scan# 2124  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

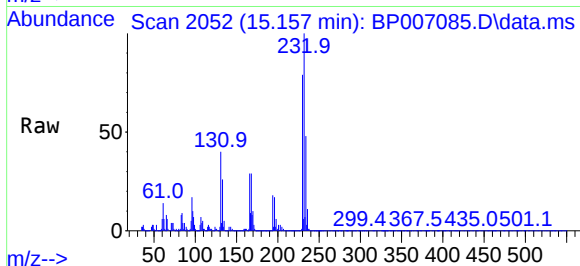
Tgt Ion:166 Resp: 2251775  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.0 117.0  
167 13.4 10.5 15.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.361 ng m  
RT: 15.157 min Scan# 2052  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

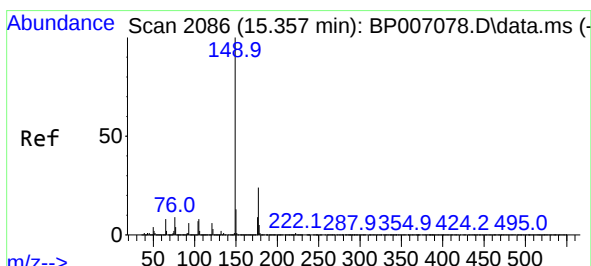
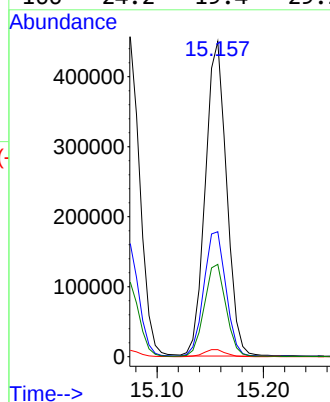
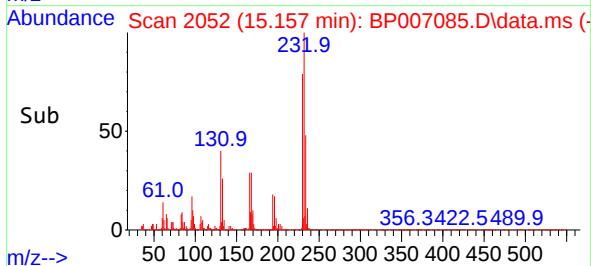
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



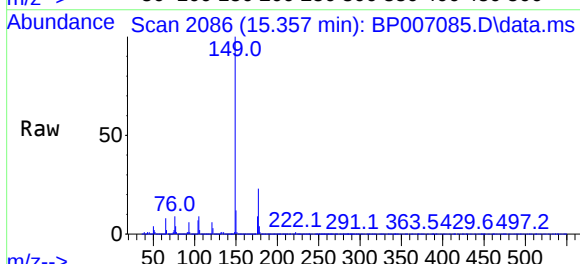
Tgt Ion:232 Resp: 625601  
Ion Ratio Lower Upper  
232 100  
131 36.6 32.2 48.4  
130 2.2 2.0 3.0  
166 24.2 19.4 29.2

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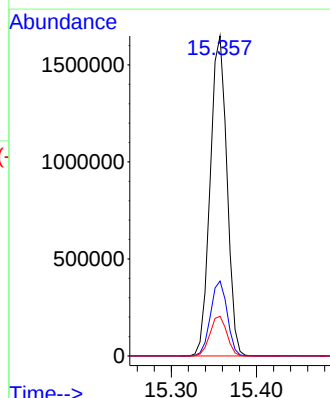
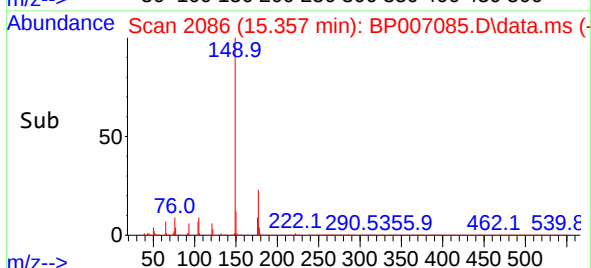
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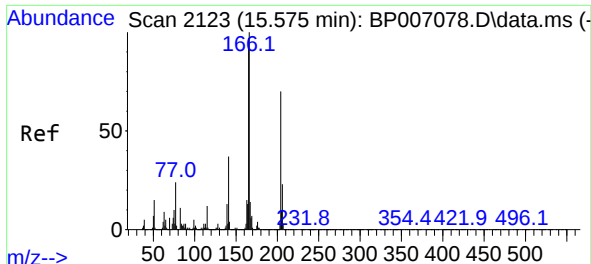


#60  
Diethylphthalate  
Concen: 40.099 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



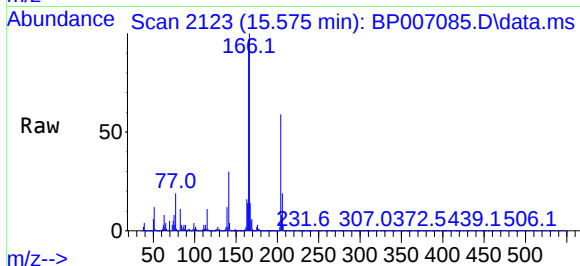
Tgt Ion:149 Resp: 2247910  
Ion Ratio Lower Upper  
149 100  
177 23.4 17.5 26.3  
150 12.4 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 39.151 ng  
RT: 15.575 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

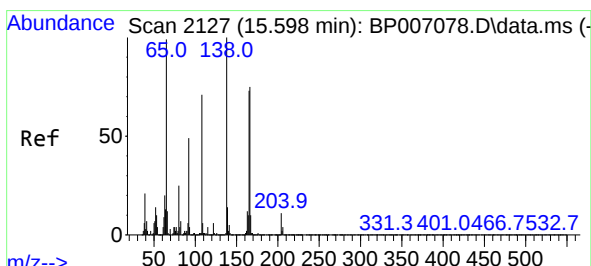
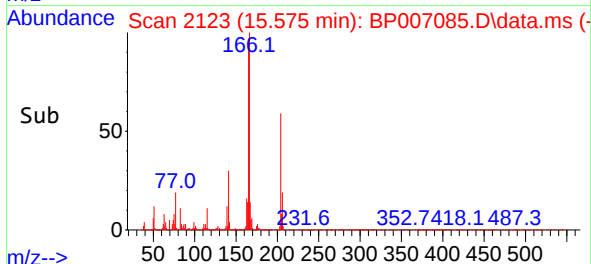
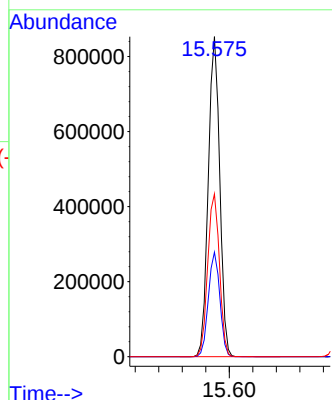
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



Tgt Ion:204 Resp: 1153303  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 40.0  
141 50.9 48.6 73.0

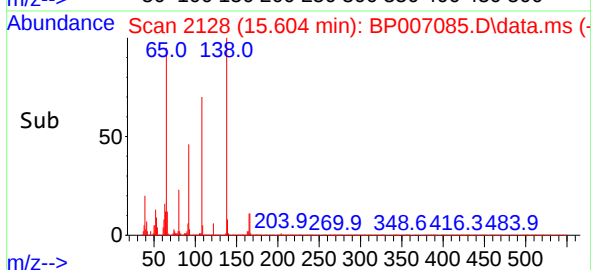
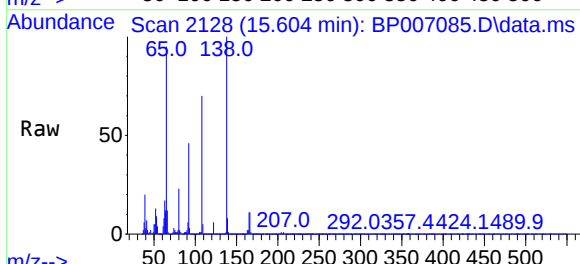
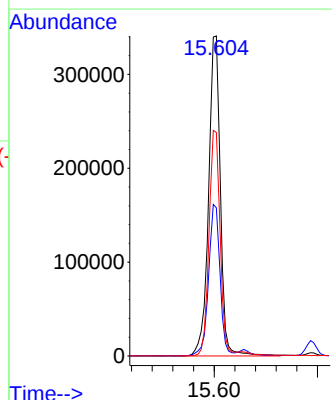
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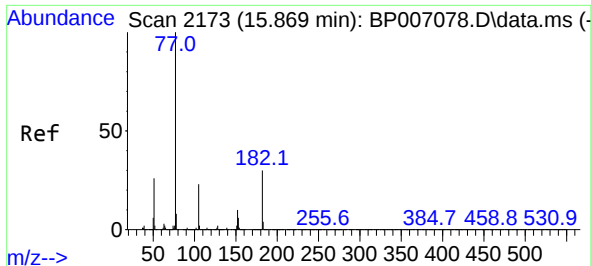
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#62  
4-Nitroaniline  
Concen: 42.130 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. 0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

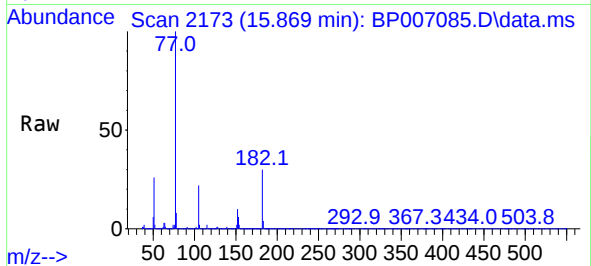
Tgt Ion:138 Resp: 541400  
Ion Ratio Lower Upper  
138 100  
92 46.3 31.2 71.2  
108 69.8 78.6 118.6#





#63  
Azobenzene  
Concen: 40.825 ng  
RT: 15.869 min Scan# 2173  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

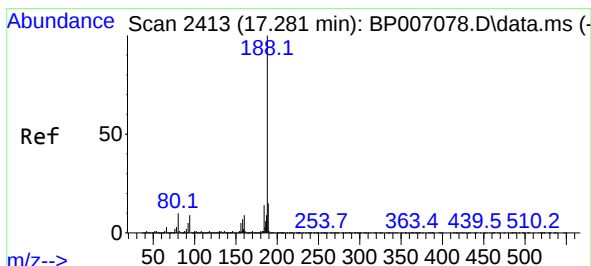
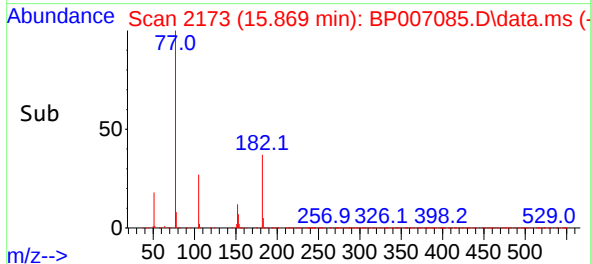
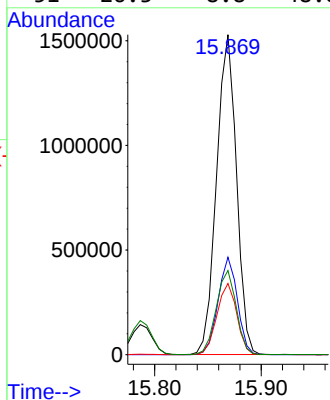


Tgt Ion: 77 Resp: 1983233

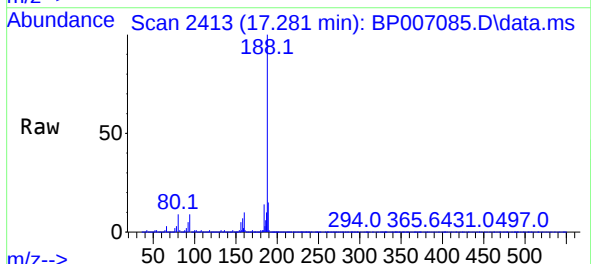
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 30.5  | 6.0   | 46.0  |
| 105 | 22.2  | 0.0   | 38.8  |
| 51  | 26.3  | 8.8   | 48.8  |

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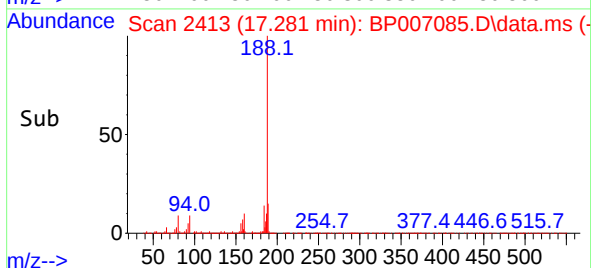
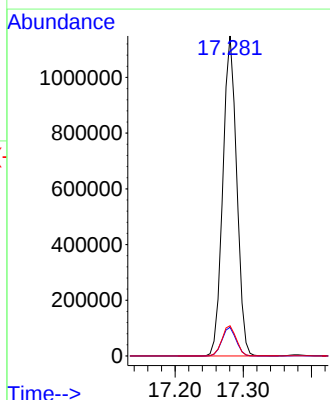


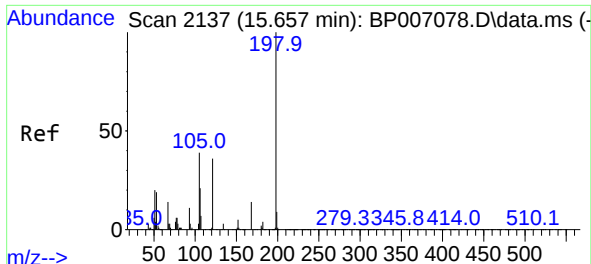
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.281 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



Tgt Ion: 188 Resp: 1627360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.0   | 5.6   | 8.4   |
| 80  | 9.4   | 6.3   | 9.5   |





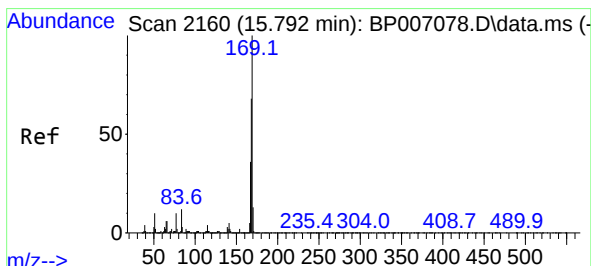
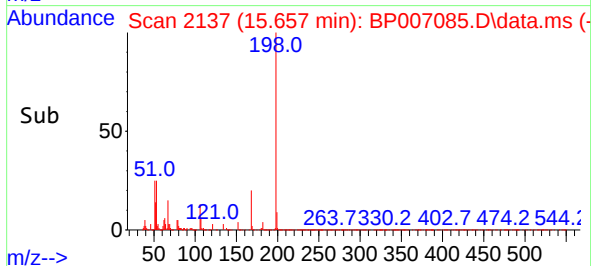
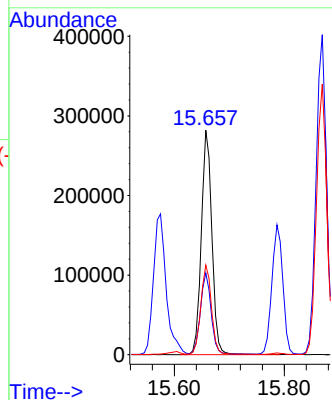
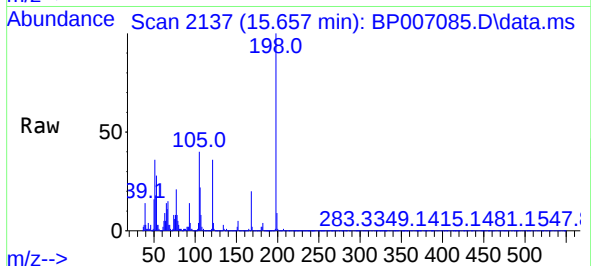
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.572 ng  
RT: 15.657 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:198 Resp: 376687  
Ion Ratio Lower Upper  
198 100  
51 36.5 14.0 54.0  
105 39.9 19.5 59.5

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

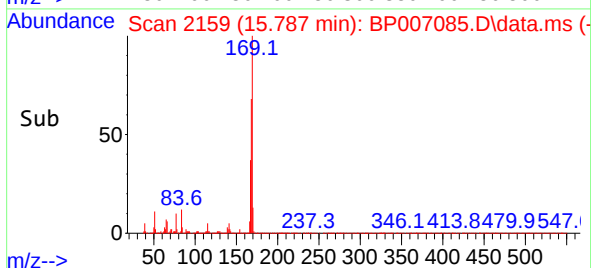
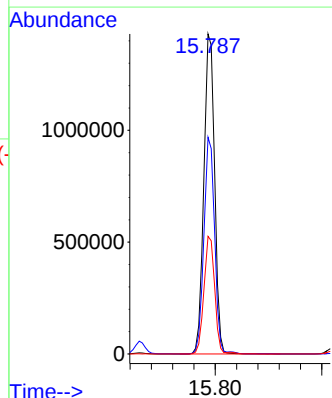
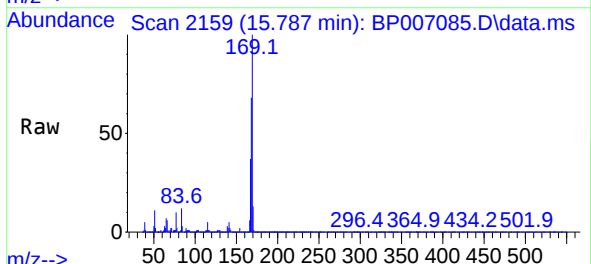
Manual Integrations  
APPROVED

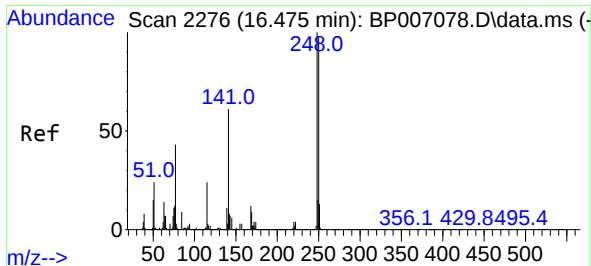
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#66  
n-Nitrosodiphenylamine  
Concen: 41.235 ng  
RT: 15.787 min Scan# 2159  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

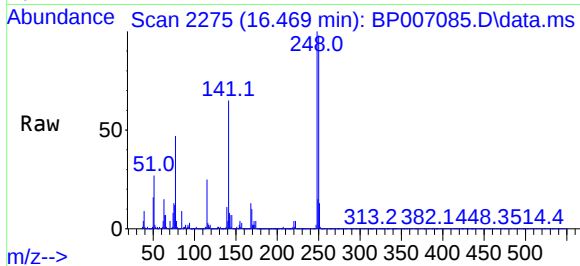
Tgt Ion:169 Resp: 1996627  
Ion Ratio Lower Upper  
169 100  
168 67.7 54.4 81.6  
167 36.7 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 39.907 ng  
RT: 16.469 min Scan# 2275  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

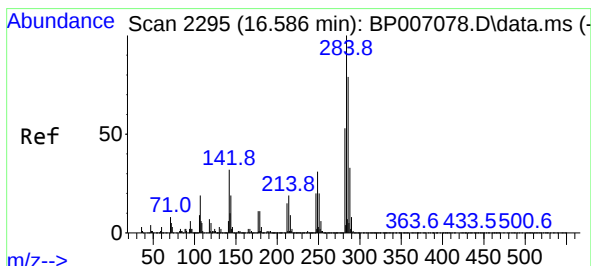
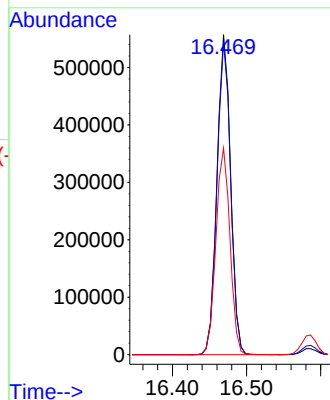
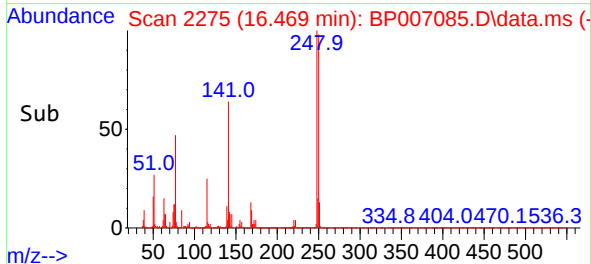
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



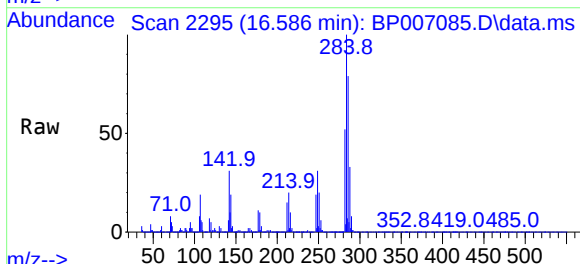
Tgt Ion:248 Resp: 711775  
Ion Ratio Lower Upper  
248 100  
250 97.7 79.8 119.8  
141 64.5 57.8 86.6

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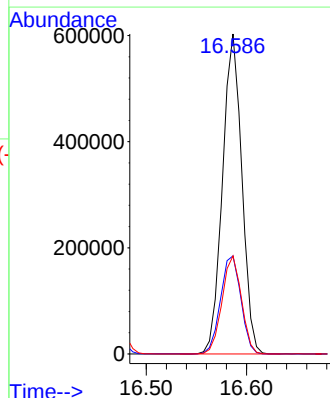
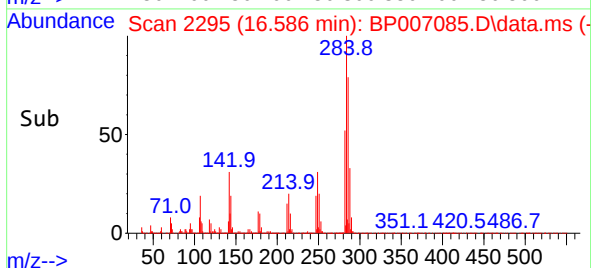
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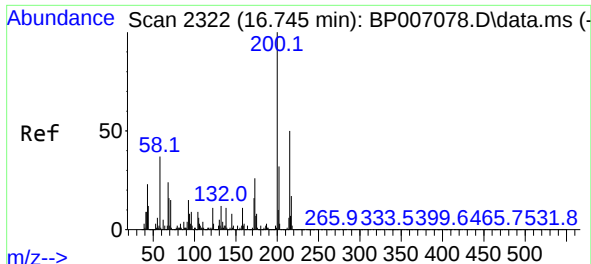


#68  
Hexachlorobenzene  
Concen: 40.874 ng  
RT: 16.586 min Scan# 2295  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



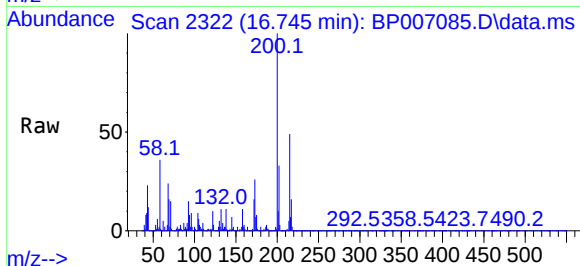
Tgt Ion:284 Resp: 805706  
Ion Ratio Lower Upper  
284 100  
142 30.7 26.9 40.3  
249 30.6 24.5 36.7





#69  
Atrazine  
Concen: 42.422 ng  
RT: 16.745 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

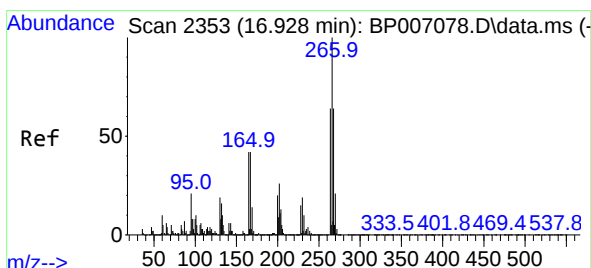
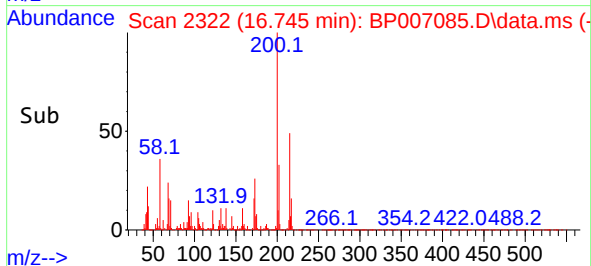
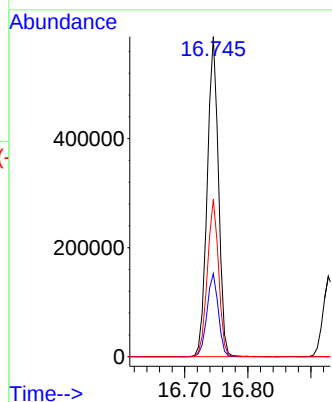
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



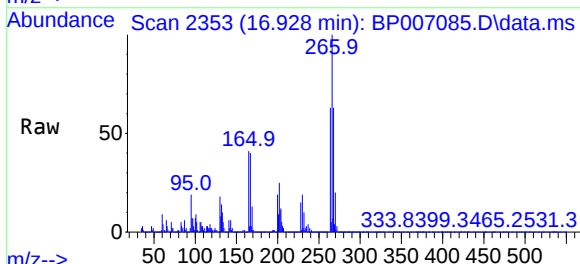
Tgt Ion:200 Resp: 724060  
Ion Ratio Lower Upper  
200 100  
173 26.0 4.1 44.1  
215 49.2 27.7 67.7

Manual Integrations  
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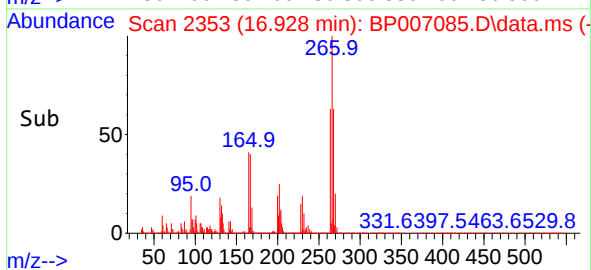
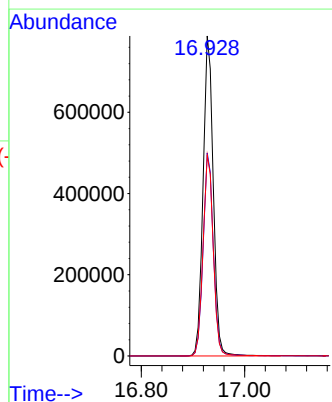
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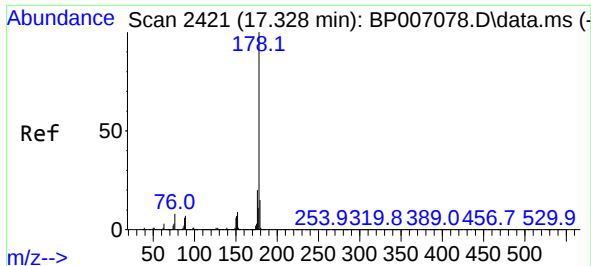


#70  
Pentachlorophenol  
Concen: 88.033 ng  
RT: 16.928 min Scan# 2353  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



Tgt Ion:266 Resp: 1077657  
Ion Ratio Lower Upper  
266 100  
268 63.5 51.6 77.4  
264 62.8 50.3 75.5





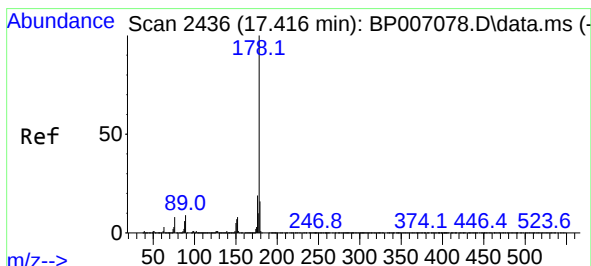
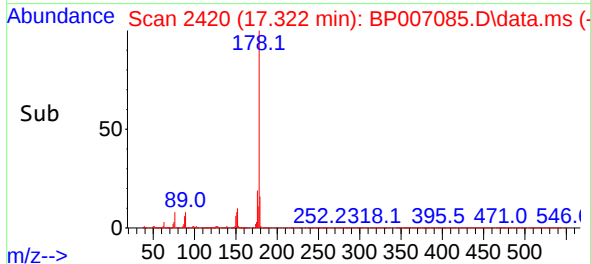
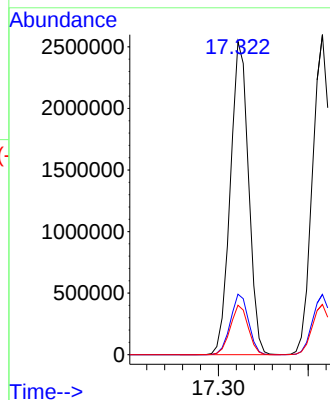
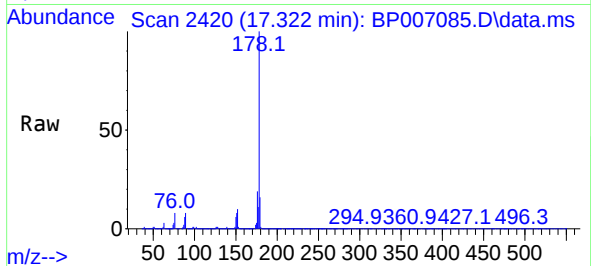
#71  
Phenanthrene  
Concen: 40.980 ng  
RT: 17.322 min Scan# 2420  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:178 Resp: 3575849  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.1 22.7  
179 15.8 12.4 18.6

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

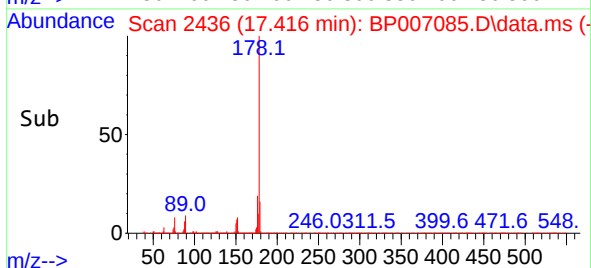
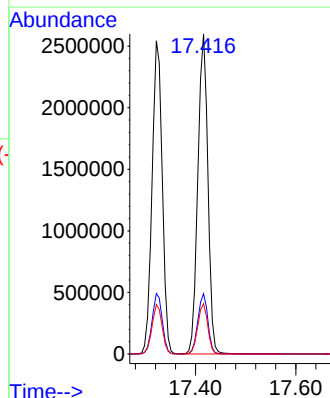
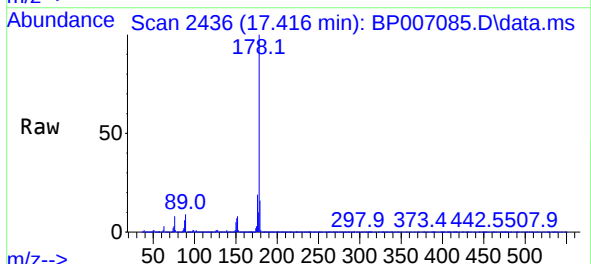
Manual Integrations  
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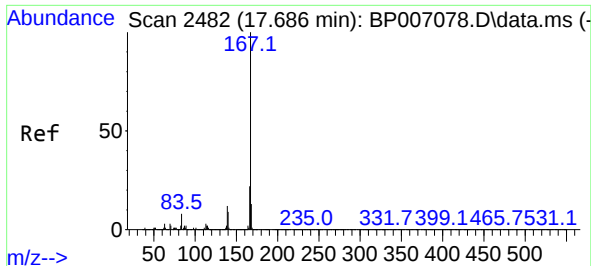
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#72  
Anthracene  
Concen: 42.226 ng  
RT: 17.416 min Scan# 2436  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

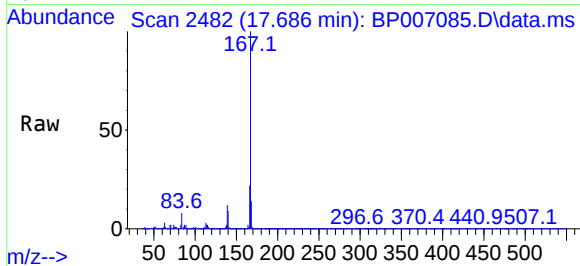
Tgt Ion:178 Resp: 3604366  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.9 22.3  
179 15.7 12.2 18.2





#73  
 Carbazole  
 Concen: 39.526 ng  
 RT: 17.686 min Scan# 2482  
 Delta R.T. -0.000 min  
 Lab File: BP007085.D  
 Acq: 21 Sep 2021 19:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB139176BS

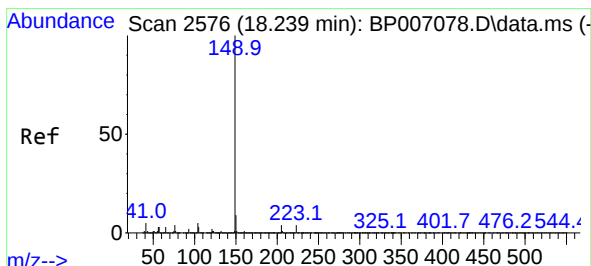
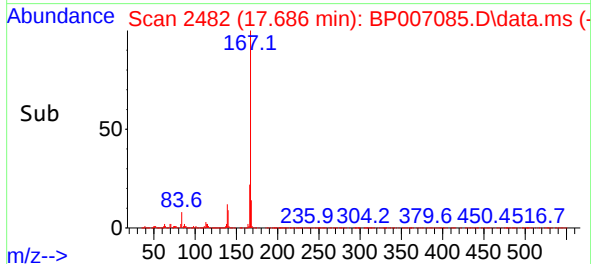
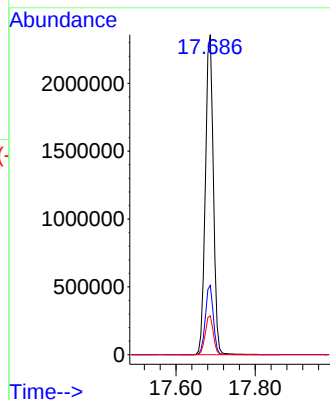


Tgt Ion:167 Resp: 3306136

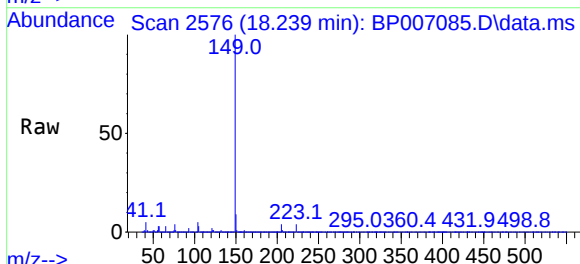
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.7  | 17.1  | 25.7  |
| 139 | 12.2  | 10.7  | 16.1  |

Manual Integrations  
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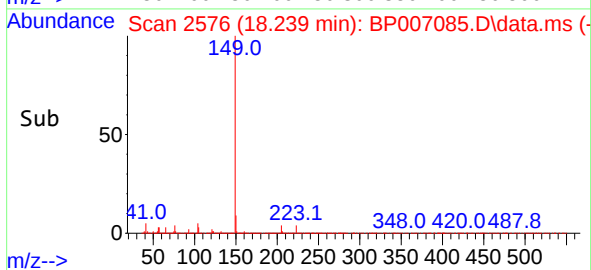
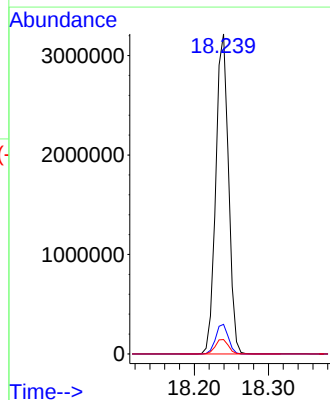


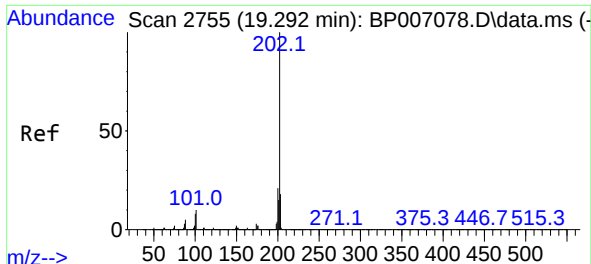
#74  
 Di-n-butylphthalate  
 Concen: 41.248 ng  
 RT: 18.239 min Scan# 2576  
 Delta R.T. -0.000 min  
 Lab File: BP007085.D  
 Acq: 21 Sep 2021 19:03



Tgt Ion:149 Resp: 3823535

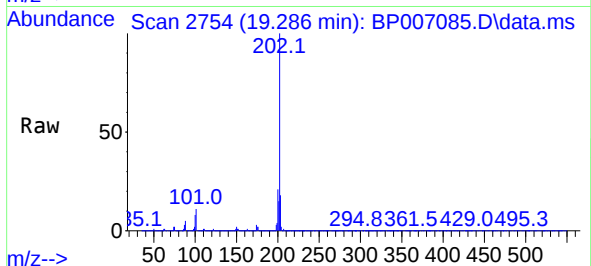
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.3   | 10.9  |
| 104 | 4.5   | 4.5   | 6.7   |





#75  
Fluoranthene  
Concen: 41.141 ng  
RT: 19.286 min Scan# 2754  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

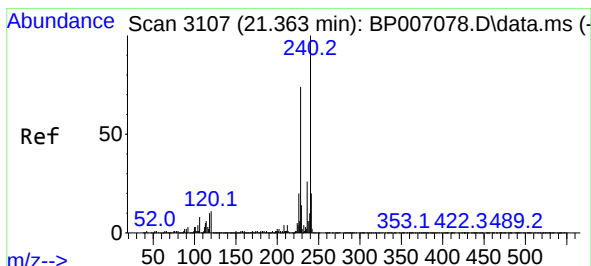
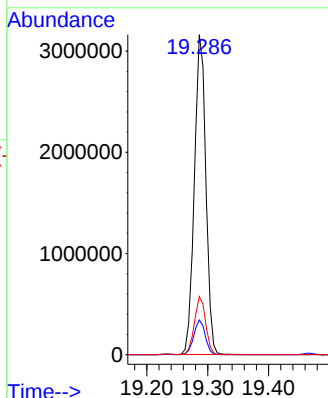
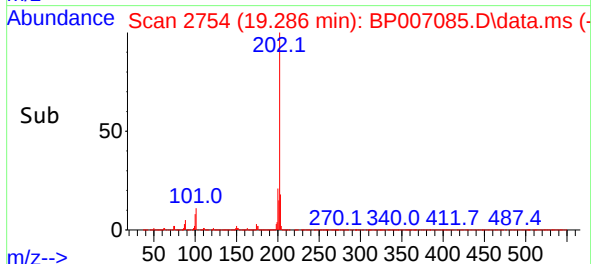
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



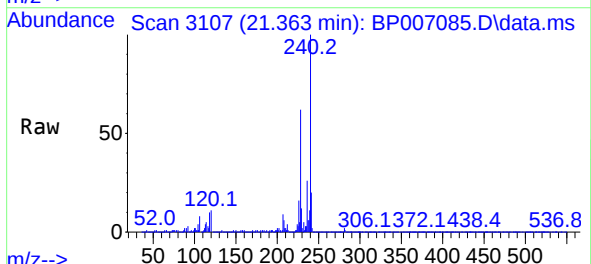
Tgt Ion:202 Resp: 4135983  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 27.6  
203 18.1 0.0 37.8

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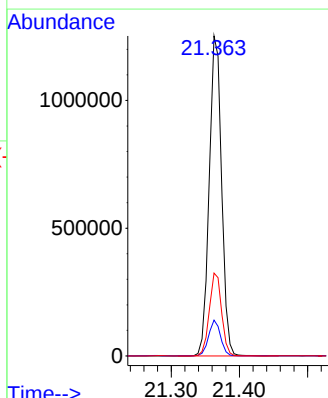
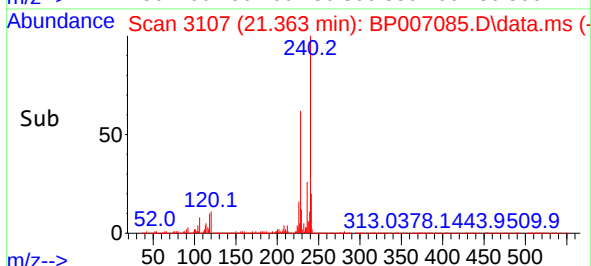
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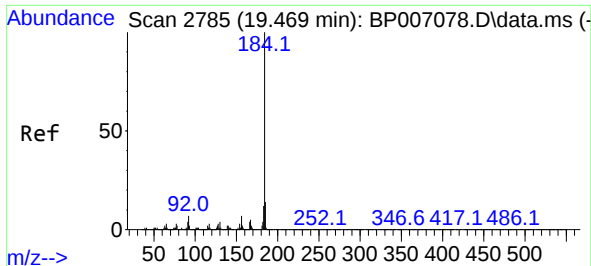


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.363 min Scan# 3107  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



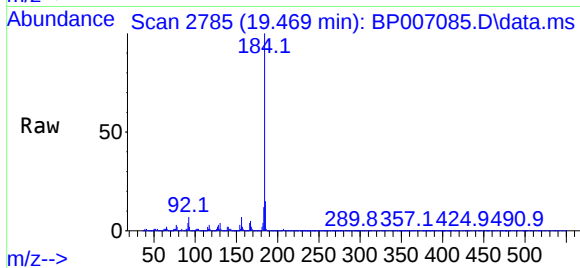
Tgt Ion:240 Resp: 1580093  
Ion Ratio Lower Upper  
240 100  
120 11.2 6.5 9.7#  
236 25.9 20.6 31.0





#77  
Benzidine  
Concen: 56.058 ng  
RT: 19.469 min Scan# 2785  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

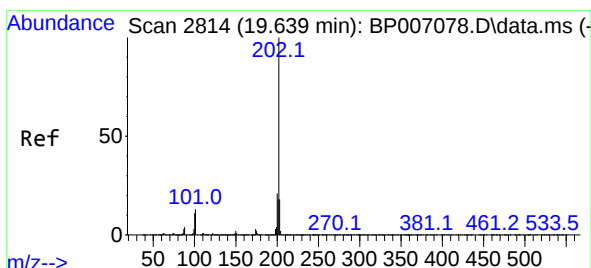
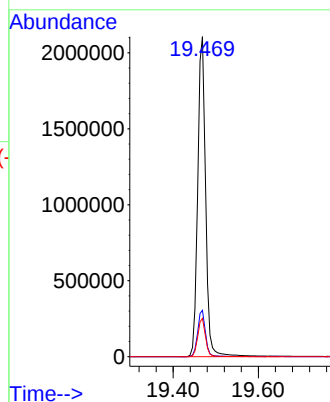
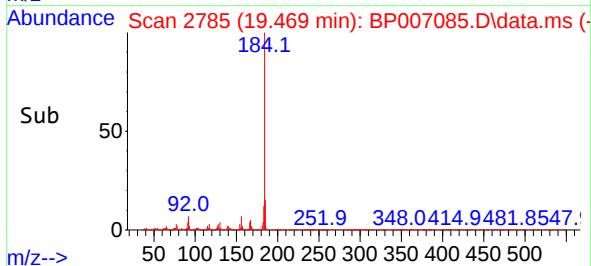
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



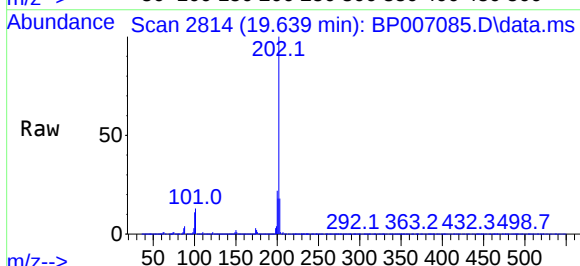
Tgt Ion:184 Resp: 2722104  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.0 16.4  
183 12.0 9.5 14.3

Manual Integrations  
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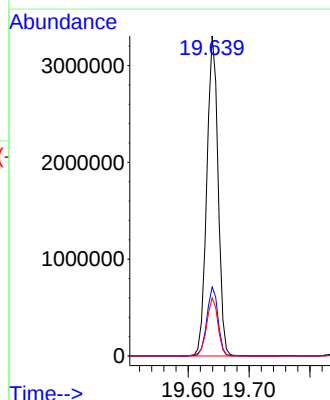
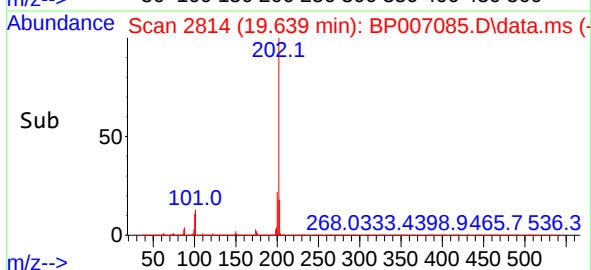
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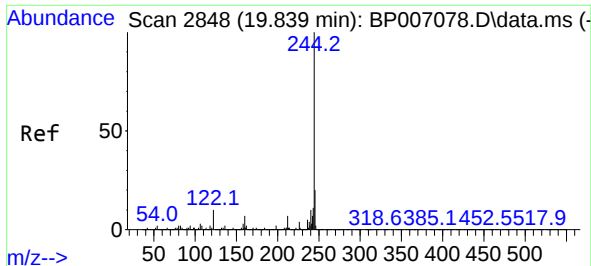


#78  
Pyrene  
Concen: 41.024 ng  
RT: 19.639 min Scan# 2814  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



Tgt Ion:202 Resp: 4252885  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.3 24.5  
203 18.1 14.2 21.2





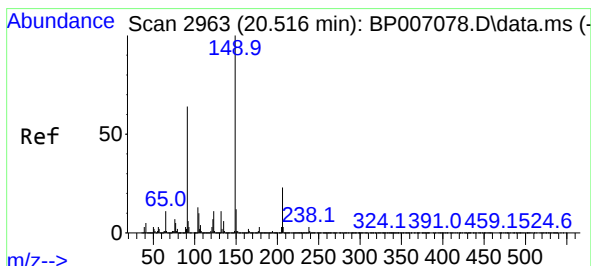
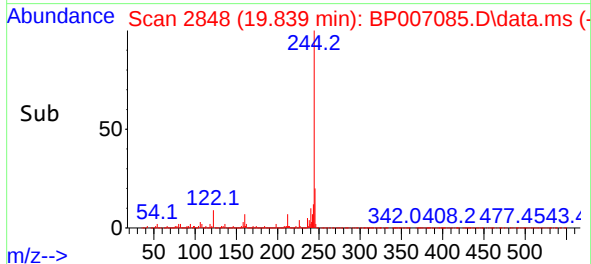
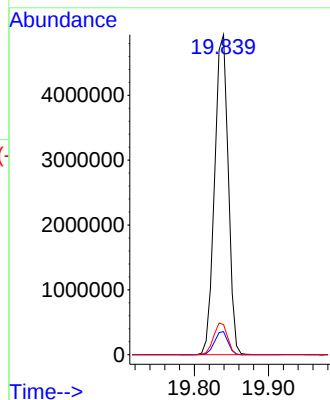
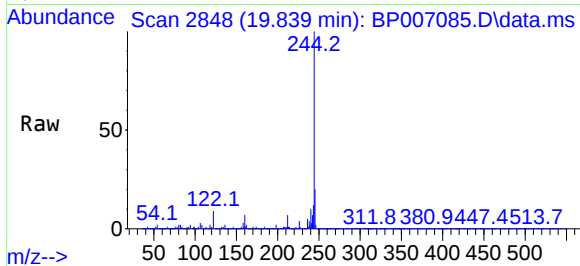
#79  
Terphenyl-d14  
Concen: 76.498 ng  
RT: 19.839 min Scan# 2848  
Delta R.T. 0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:244 Resp: 6307819  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.0 9.0  
122 9.4 7.1 10.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

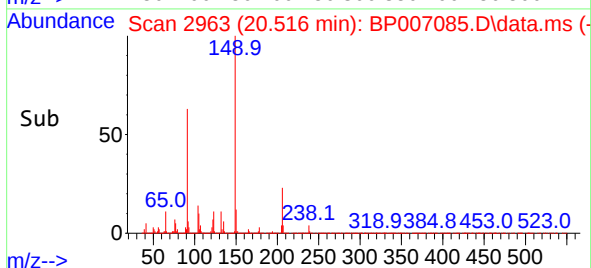
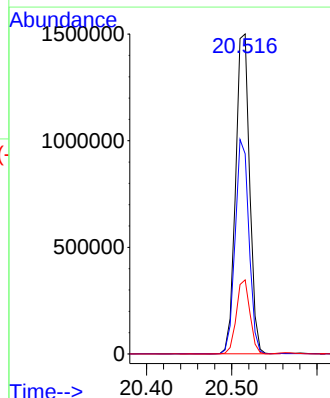
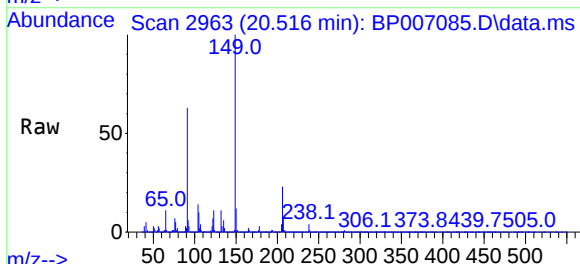
Manual Integrations  
APPROVED

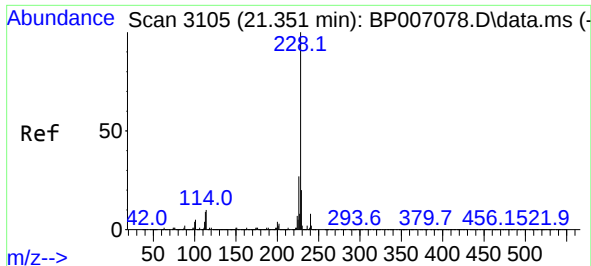
mohammad  
9/22/2021 4:42:43 PM



#80  
Butylbenzylphthalate  
Concen: 41.170 ng  
RT: 20.516 min Scan# 2963  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:149 Resp: 1709236  
Ion Ratio Lower Upper  
149 100  
91 62.6 54.6 81.8  
206 23.2 16.7 25.1





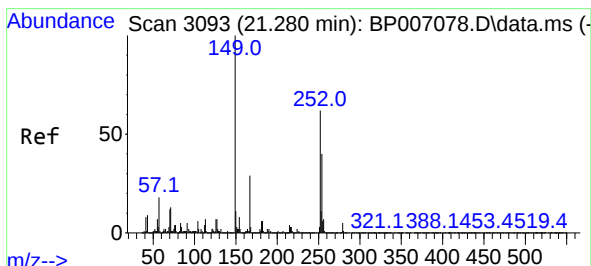
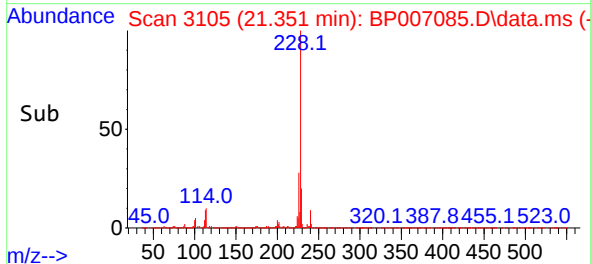
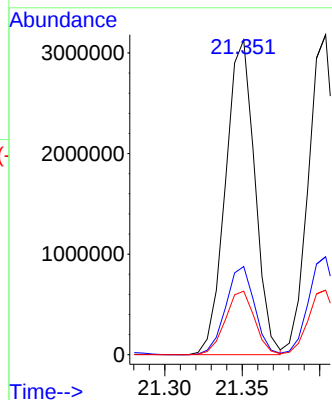
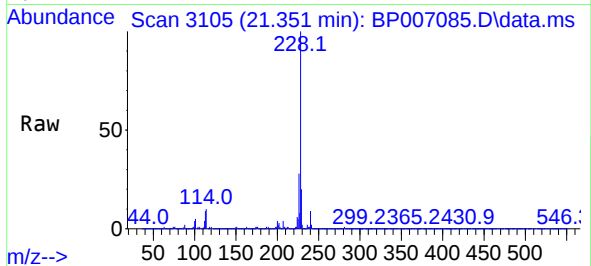
#81  
Benzo(a)anthracene  
Concen: 40.047 ng  
RT: 21.351 min Scan# 3105  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:228 Resp: 4107387  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.6 32.4  
229 20.2 15.8 23.6

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

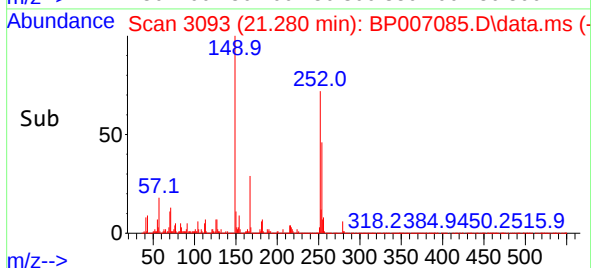
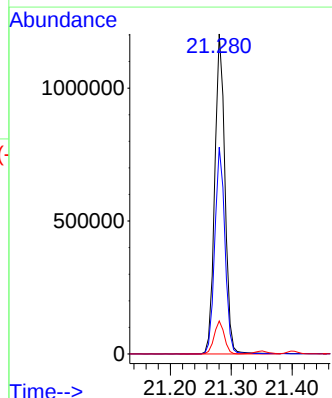
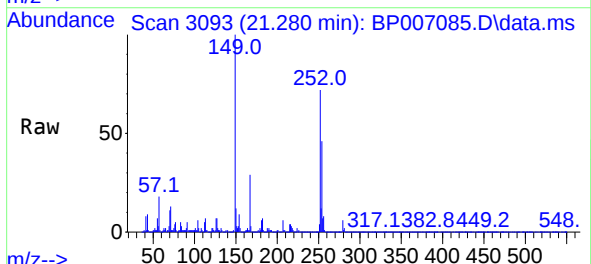
Manual Integrations  
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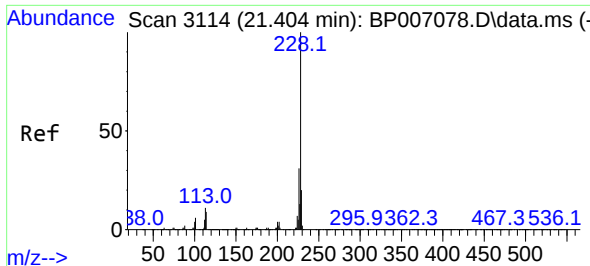
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 39.625 ng  
RT: 21.280 min Scan# 3093  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

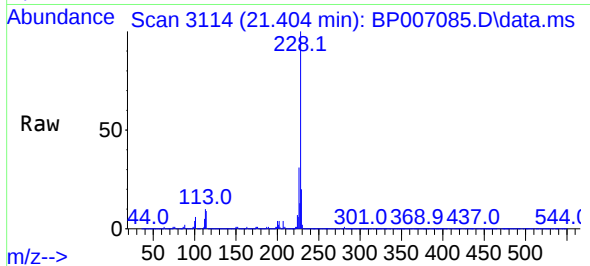
Tgt Ion:252 Resp: 1395710  
Ion Ratio Lower Upper  
252 100  
254 64.6 50.6 76.0  
126 10.3 7.0 10.6





#83  
Chrysene  
Concen: 40.880 ng  
RT: 21.404 min Scan# 3114  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

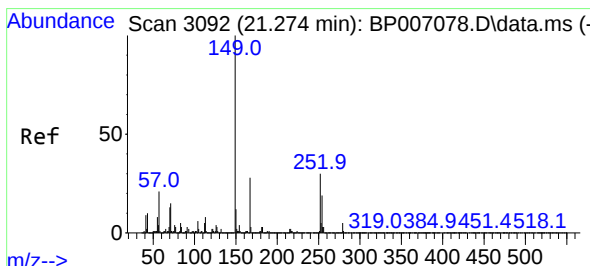
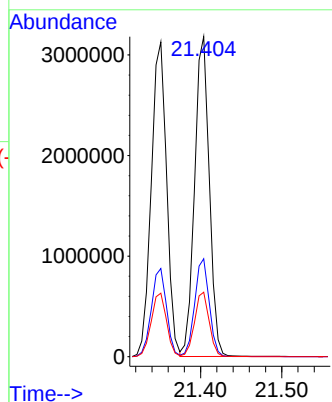
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



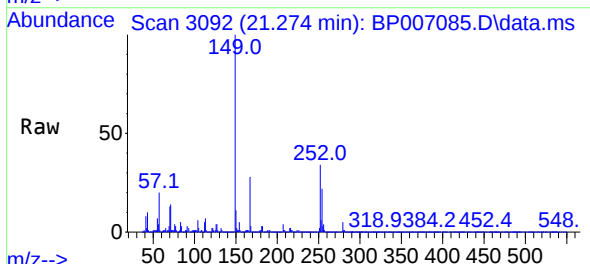
Tgt Ion:228 Resp: 4007152  
Ion Ratio Lower Upper  
228 100  
226 30.6 23.8 35.6  
229 20.1 15.4 23.2

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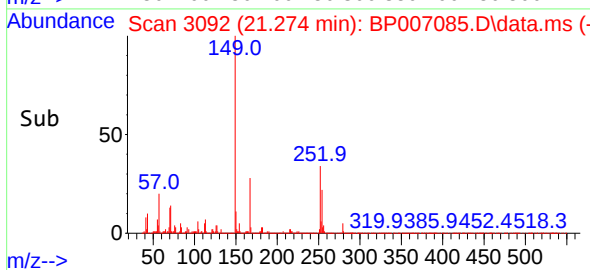
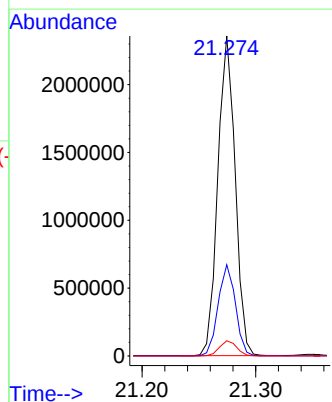
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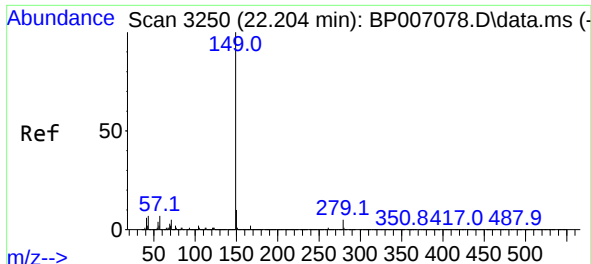


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.884 ng  
RT: 21.274 min Scan# 3092  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03



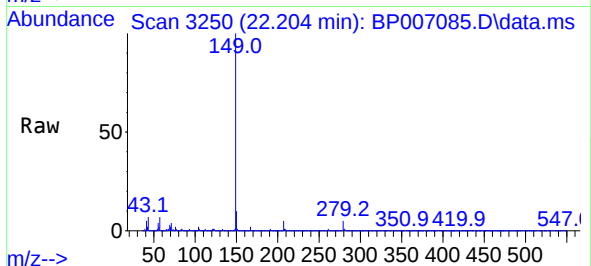
Tgt Ion:149 Resp: 2499971  
Ion Ratio Lower Upper  
149 100  
167 28.5 21.9 32.9  
279 4.8 4.3 6.5





#85  
Di-n-octyl phthalate  
Concen: 42.752 ng  
RT: 22.204 min Scan# 3250  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

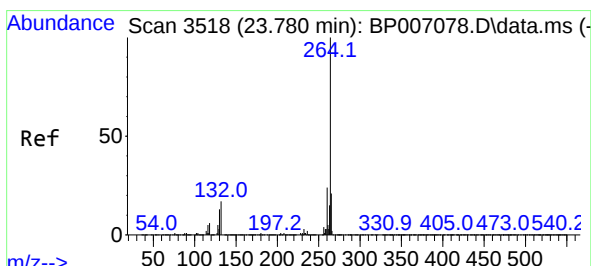
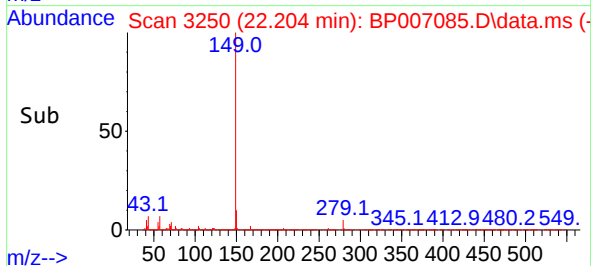
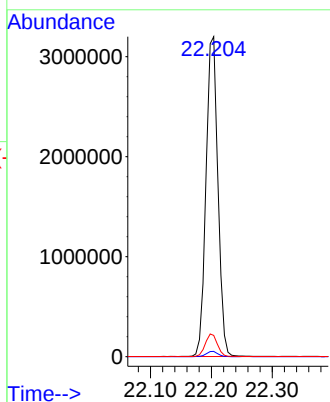
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



Tgt Ion:149 Resp: 4344502  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 7.2 5.6 8.4

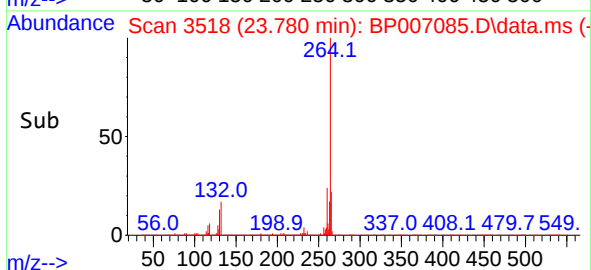
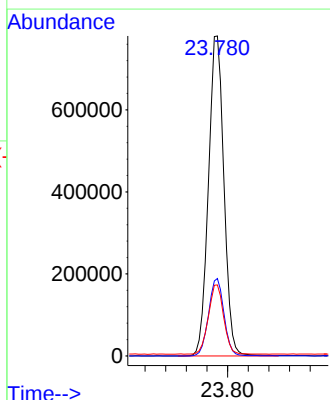
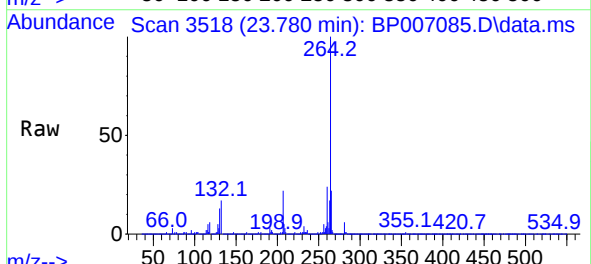
Manual Integrations  
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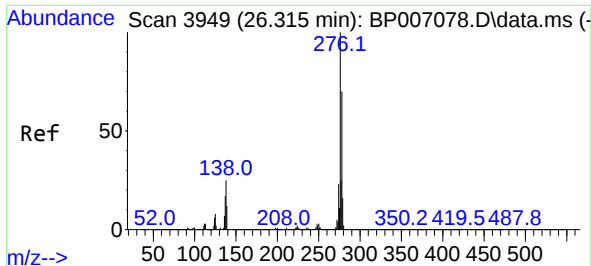
mohammad  
9/22/2021 4:42:43 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.780 min Scan# 3518  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

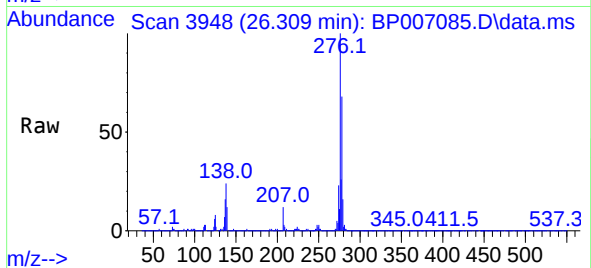
Tgt Ion:264 Resp: 1622431  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.6 28.0  
265 22.2 17.6 26.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.355 ng  
RT: 26.309 min Scan# 3948  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

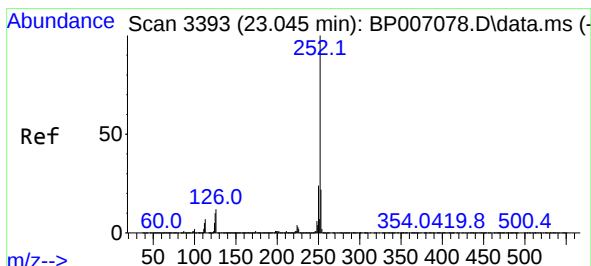
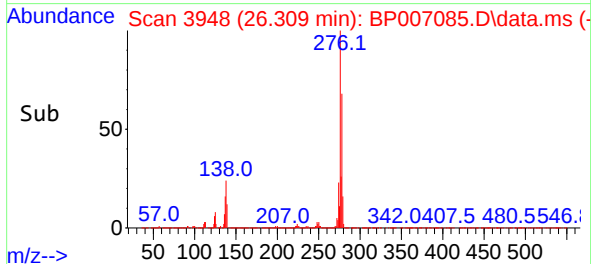
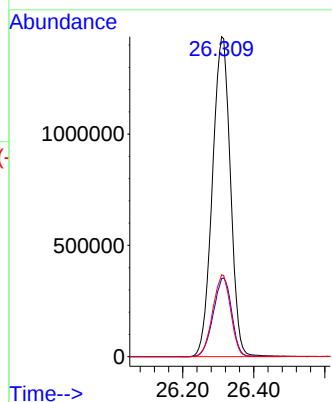
Instrument :  
BNA\_P  
ClientSampled :  
PB139176BS



Tgt Ion:276 Resp: 5055045  
Ion Ratio Lower Upper  
276 100  
138 25.1 15.3 22.9#  
277 25.5 20.4 30.6

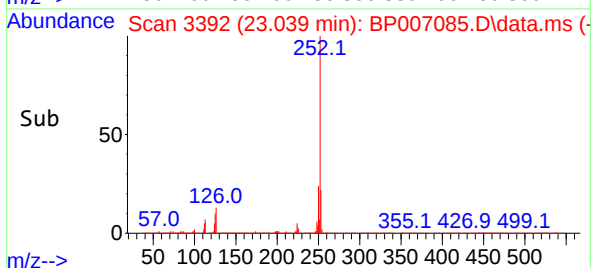
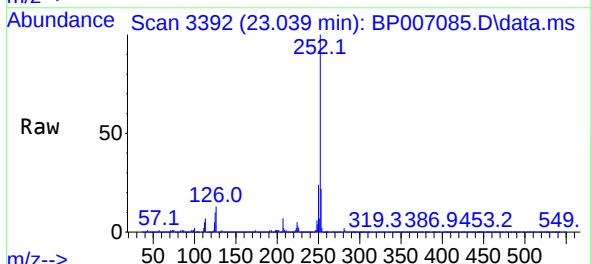
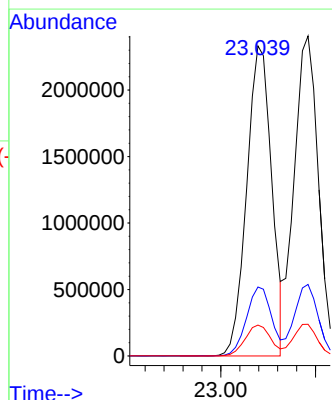
Manual Integrations  
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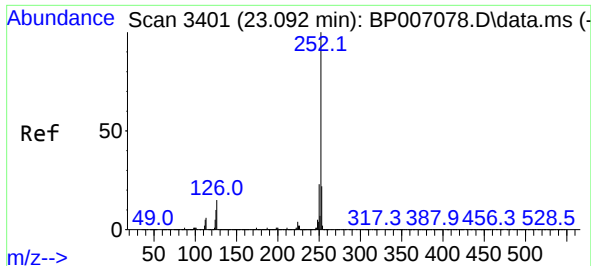
mohammad  
9/22/2021 4:42:43 PM



#88  
Benzo(b)fluoranthene  
Concen: 44.035 ng  
RT: 23.039 min Scan# 3392  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:252 Resp: 4269652  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 10.0 6.2 9.4#





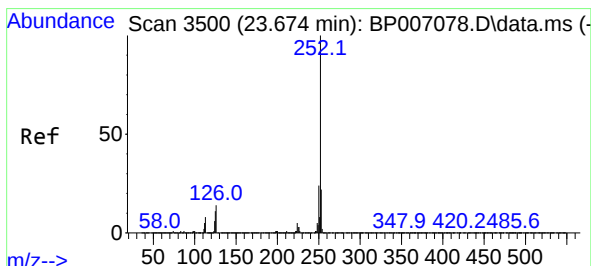
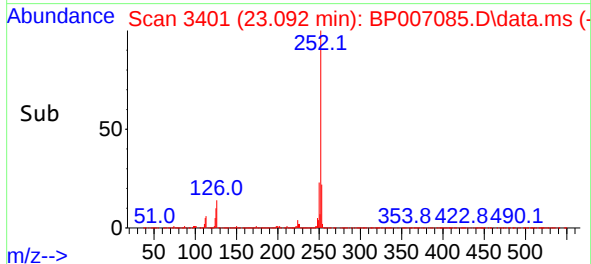
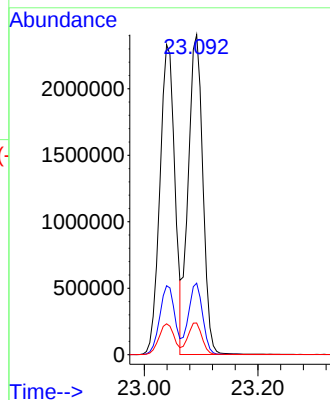
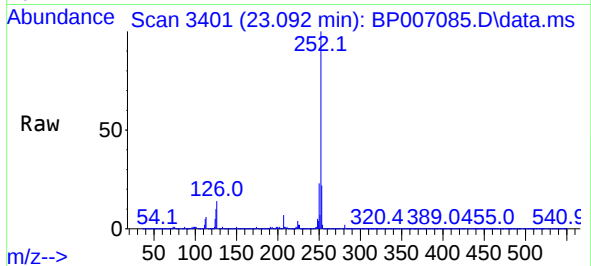
#89  
Benzo(k)fluoranthene  
Concen: 43.635 ng  
RT: 23.092 min Scan# 3401  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:252 Resp: 4283630  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 9.9 6.0 9.0#

Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS

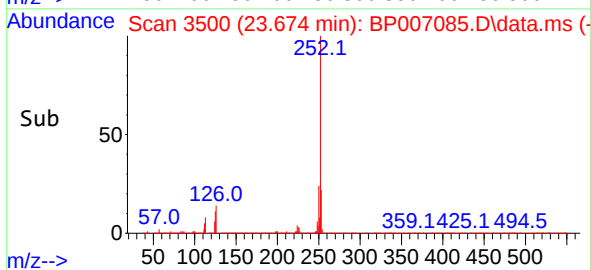
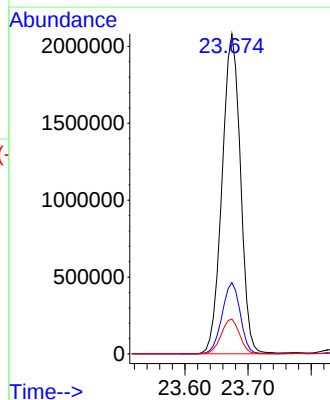
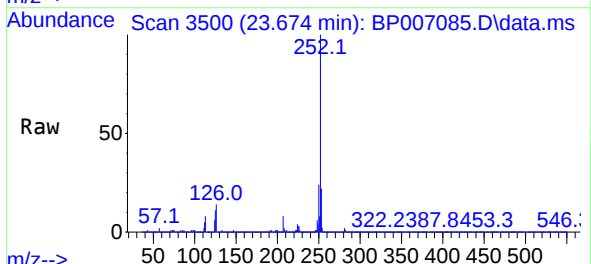
Manual Integrations  
APPROVED

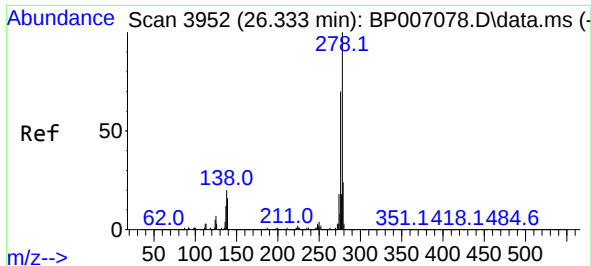
mohammad  
9/22/2021 4:42:43 PM



#90  
Benzo(a)pyrene  
Concen: 51.087 ng  
RT: 23.674 min Scan# 3500  
Delta R.T. -0.000 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

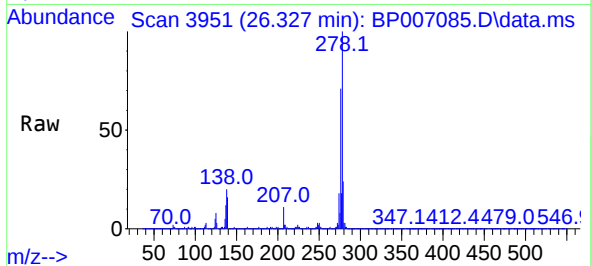
Tgt Ion:252 Resp: 4208340  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.9 26.9  
125 10.9 6.5 9.7#





#91  
Dibenzo(a,h)anthracene  
Concen: 44.395 ng  
RT: 26.327 min Scan# 3951  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

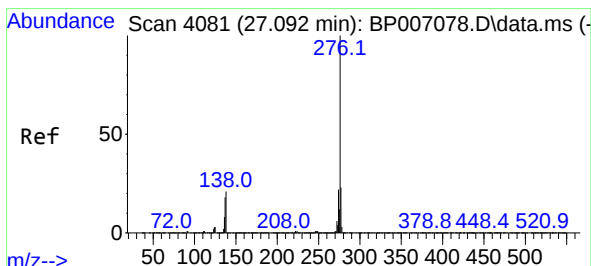
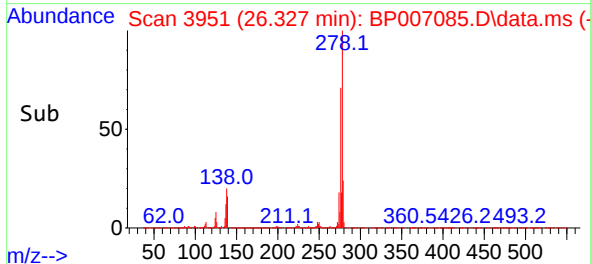
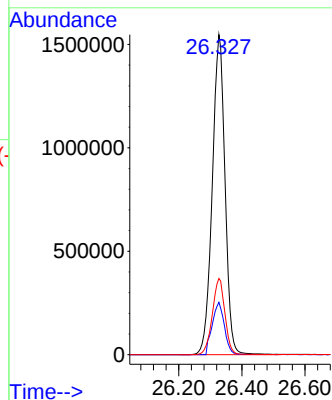
Instrument :  
BNA\_P  
ClientSampleId :  
PB139176BS



Tgt Ion:278 Resp: 4337940  
Ion Ratio Lower Upper  
278 100  
139 16.3 9.3 13.9#  
279 23.8 18.8 28.2

Manual Integrations  
APPROVED

mohammad  
9/22/2021 4:42:43 PM



#92  
Benzo(g,h,i)perylene  
Concen: 44.638 ng  
RT: 27.086 min Scan# 4080  
Delta R.T. -0.006 min  
Lab File: BP007085.D  
Acq: 21 Sep 2021 19:03

Tgt Ion:276 Resp: 4256471  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.9 28.3  
138 20.9 12.6 18.8#

