

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100120\  
 Data File : BP003450.D  
 Acq On : 01 Oct 2020 22:11  
 Operator : CG/JU  
 Sample : L4175-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RR-1MSD

Manual Integrations  
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 10/2/2020 12:14:55 PM

Quant Time: Oct 02 02:53:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 01 10:05:32 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.528  | 152  | 117189   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.305 | 136  | 492461   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.187 | 164  | 311908   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.945 | 188  | 687270   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.051 | 240  | 641325   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12              | 23.233 | 264  | 608793   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.146  | 112  | 534858   | 79.69  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.740  | 99   | 457255   | 51.11  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.687  | 82   | 913821   | 109.01 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.692 | 330  | 552573   | 116.15 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.804 | 172  | 1858400  | 87.14  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.528 | 244  | 2610298  | 84.80  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.040  | 88   | 62134    | 22.53  | ng    | 100      |
| 3) Pyridine                   | 3.428  | 79   | 147899   | 20.14  | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.352  | 42   | 56084    | 25.53  | ng    | 98       |
| 6) Aniline                    | 6.864  | 93   | 320094   | 31.16  | ng    | 93       |
| 8) 2-Chlorophenol             | 7.105  | 128  | 349473   | 46.75  | ng    | 91       |
| 9) Benzaldehyde               | 6.675  | 77   | 125835   | 25.22  | ng    | 88       |
| 10) Phenol                    | 6.764  | 94   | 189408   | 22.17  | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 6.964  | 93   | 385480   | 56.93  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.416  | 146  | 370705   | 41.48  | ng    | # 93     |
| 13) 1,4-Dichlorobenzene       | 7.564  | 146  | 375727   | 41.56  | ng    | # 95     |
| 14) 1,2-Dichlorobenzene       | 7.875  | 146  | 366260   | 42.21  | ng    | 95       |
| 15) Benzyl Alcohol            | 7.781  | 79   | 266491   | 44.83  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.063  | 45   | 284966   | 57.88  | ng    | 91       |
| 17) 2-Methylphenol            | 7.999  | 107  | 261037   | 42.25  | ng    | # 94     |
| 18) Hexachloroethane          | 8.593  | 117  | 139907   | 41.53  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.340  | 70   | 276296   | 57.65  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.328  | 107  | 304538   | 37.04  | ng    | # 87     |
| 22) Acetophenone              | 8.352  | 105  | 602343   | 49.80  | ng    | # 93     |
| 24) Nitrobenzene              | 8.728  | 77   | 463134   | 55.22  | ng    | # 84     |
| 25) Isophorone                | 9.252  | 82   | 876639   | 57.06  | ng    | # 91     |
| 26) 2-Nitrophenol             | 9.434  | 139  | 230321   | 50.28  | ng    | # 78     |
| 27) 2,4-Dimethylphenol        | 9.516  | 122  | 333701   | 51.51  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 9.734  | 93   | 535364   | 52.36  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 9.981  | 162  | 386368   | 47.73  | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.181 | 180  | 365945   | 38.10  | ng    | 98       |
| 31) Naphthalene               | 10.357 | 128  | 1162960  | 44.71  | ng    | 100      |
| 32) Benzoic acid              | 9.705  | 122  | 40679    | 16.26  | ng    | # 86     |
| 33) 4-Chloroaniline           | 10.475 | 127  | 253333   | 22.92  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 10.652 | 225  | 220973   | 33.70  | ng    | 99       |
| 35) Caprolactam               | 11.269 | 113  | 26837m   | 9.93   | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.640 | 107  | 424888   | 48.68  | ng    | 88       |
| 37) 2-Methylnaphthalene       | 11.981 | 142  | 854889   | 45.36  | ng    | # 96     |
| 38) 1-Methylnaphthalene       | 12.204 | 142  | 808909m  | 45.21  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.369 | 216  | 451445   | 44.21  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.346 | 237  | 197770   | 61.47  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.622 | 196  | 309176   | 46.83  | ng    | 100      |

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Quant Time: Oct 02 02:53:54 2020  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 12.710 | 196  | 328574   | 48.38 | ng    | #        | 93  |
| 46) 1,1'-Biphenyl             | 13.016 | 154  | 1122018  | 48.23 | ng    |          | 98  |
| 47) 2-Chloronaphthalene       | 13.051 | 162  | 864710   | 44.89 | ng    |          | 95  |
| 48) 2-Nitroaniline            | 13.269 | 65   | 282003   | 57.84 | ng    | #        | 71  |
| 49) Acenaphthylene            | 13.904 | 152  | 1418947  | 48.21 | ng    |          | 99  |
| 50) Dimethylphthalate         | 13.657 | 163  | 1606667  | 64.51 | ng    |          | 100 |
| 51) 2,6-Dinitrotoluene        | 13.781 | 165  | 271148   | 50.79 | ng    | #        | 76  |
| 52) Acenaphthene              | 14.251 | 154  | 844973   | 47.17 | ng    |          | 100 |
| 53) 3-Nitroaniline            | 14.110 | 138  | 171841   | 29.70 | ng    | #        | 74  |
| 54) 2,4-Dinitrophenol         | 14.345 | 184  | 247447   | 96.32 | ng    | #        | 82  |
| 55) Dibenzofuran              | 14.593 | 168  | 1313508  | 45.94 | ng    |          | 94  |
| 56) 4-Nitrophenol             | 14.475 | 139  | 124597   | 35.24 | ng    | #        | 66  |
| 57) 2,4-Dinitrotoluene        | 14.587 | 165  | 362670   | 48.98 | ng    | #        | 63  |
| 58) Fluorene                  | 15.245 | 166  | 1015255  | 44.96 | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol | 14.840 | 232  | 281577   | 44.09 | ng    |          | 94  |
| 60) Diethylphthalate          | 15.034 | 149  | 1225193  | 48.23 | ng    |          | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.240 | 204  | 514224   | 41.72 | ng    |          | 94  |
| 62) 4-Nitroaniline            | 15.287 | 138  | 282316   | 45.98 | ng    | #        | 72  |
| 63) Azobenzene                | 15.540 | 77   | 1097302  | 56.66 | ng    |          | 92  |
| 65) 4,6-Dinitro-2-methylph... | 15.363 | 198  | 204931   | 56.51 | ng    |          | 88  |
| 66) n-Nitrosodiphenylamine    | 15.463 | 169  | 984887   | 48.79 | ng    |          | 100 |
| 67) 4-Bromophenyl-phenylether | 16.140 | 248  | 369862   | 44.52 | ng    |          | 94  |
| 68) Hexachlorobenzene         | 16.263 | 284  | 424703   | 43.03 | ng    |          | 92  |
| 69) Atrazine                  | 16.428 | 200  | 292259   | 36.91 | ng    |          | 99  |
| 70) Pentachlorophenol         | 16.622 | 266  | 329941   | 78.06 | ng    |          | 99  |
| 71) Phenanthrene              | 16.987 | 178  | 1766582  | 47.24 | ng    |          | 99  |
| 72) Anthracene                | 17.081 | 178  | 1796281  | 48.74 | ng    |          | 100 |
| 73) Carbazole                 | 17.357 | 167  | 1683223  | 48.09 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 17.922 | 149  | 2085423  | 46.60 | ng    | #        | 98  |
| 75) Fluoranthene              | 18.975 | 202  | 2148342  | 45.69 | ng    |          | 100 |
| 77) Benzidine                 | 19.157 | 184  | 613297   | 30.84 | ng    |          | 99  |
| 78) Pyrene                    | 19.328 | 202  | 2180462  | 54.52 | ng    |          | 99  |
| 80) Butylbenzylphthalate      | 20.204 | 149  | 993783   | 54.31 | ng    | #        | 86  |
| 81) Benzo(a)anthracene        | 21.039 | 228  | 1989039  | 47.98 | ng    |          | 100 |
| 82) 3,3'-Dichlorobenzidine    | 20.969 | 252  | 561421   | 35.04 | ng    |          | 98  |
| 83) Chrysene                  | 21.092 | 228  | 1920803  | 48.23 | ng    |          | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 20.975 | 149  | 1252500  | 48.62 | ng    |          | 99  |
| 85) Di-n-octyl phthalate      | 21.827 | 149  | 2465775  | 52.38 | ng    | #        | 98  |
| 87) Indeno(1,2,3-cd)pyrene    | 25.463 | 276  | 1897385  | 41.12 | ng    |          | 99  |
| 88) Benzo(b)fluoranthene      | 22.586 | 252  | 2072730  | 53.92 | ng    |          | 100 |
| 89) Benzo(k)fluoranthene      | 22.627 | 252  | 1977706  | 53.68 | ng    |          | 99  |
| 90) Benzo(a)pyrene            | 23.145 | 252  | 1760252  | 48.56 | ng    |          | 99  |
| 91) Dibenzo(a,h)anthracene    | 25.468 | 278  | 1591378  | 41.79 | ng    |          | 99  |
| 92) Benzo(g,h,i)perylene      | 26.139 | 276  | 1599874  | 42.09 | ng    |          | 99  |

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

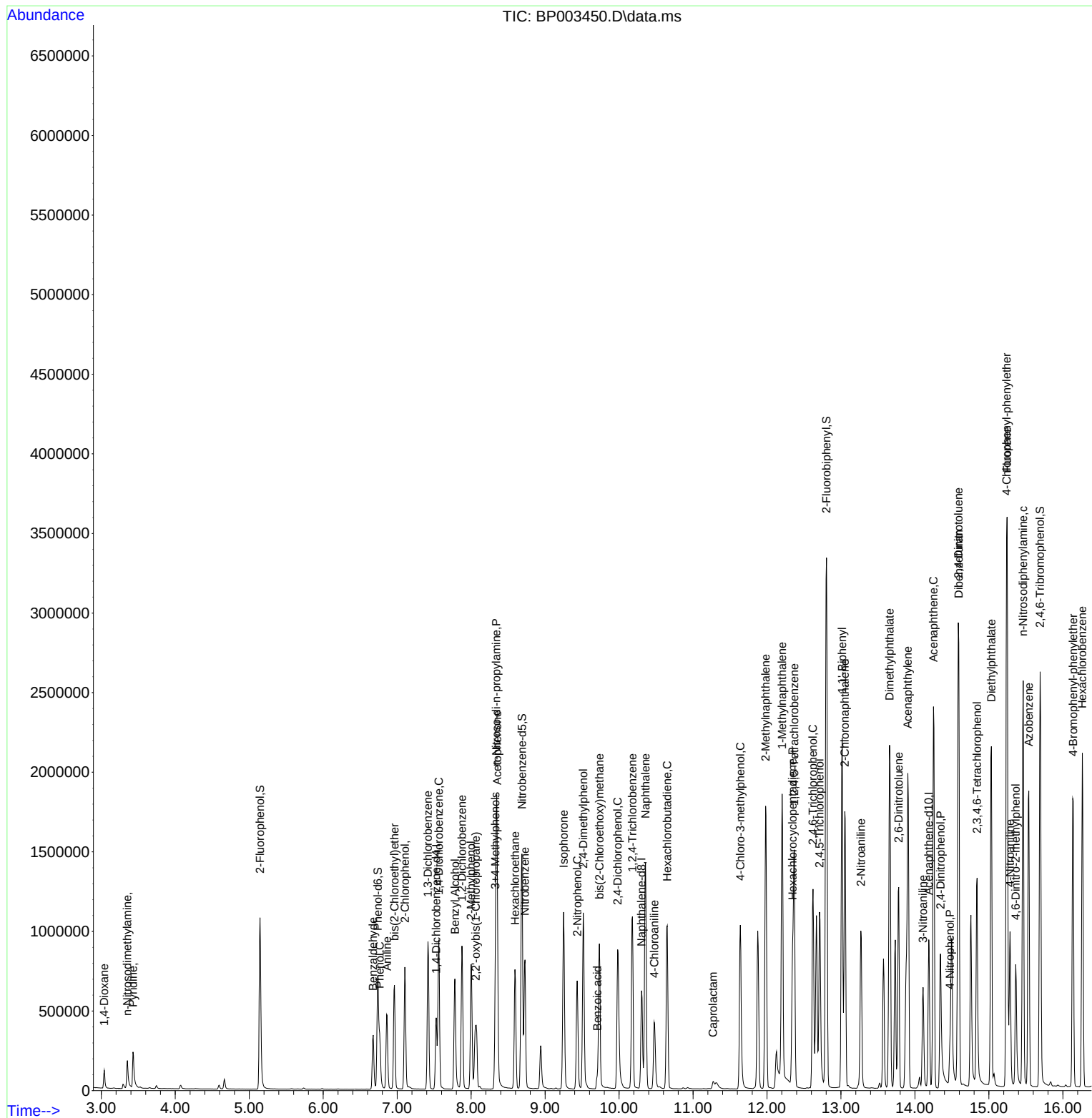
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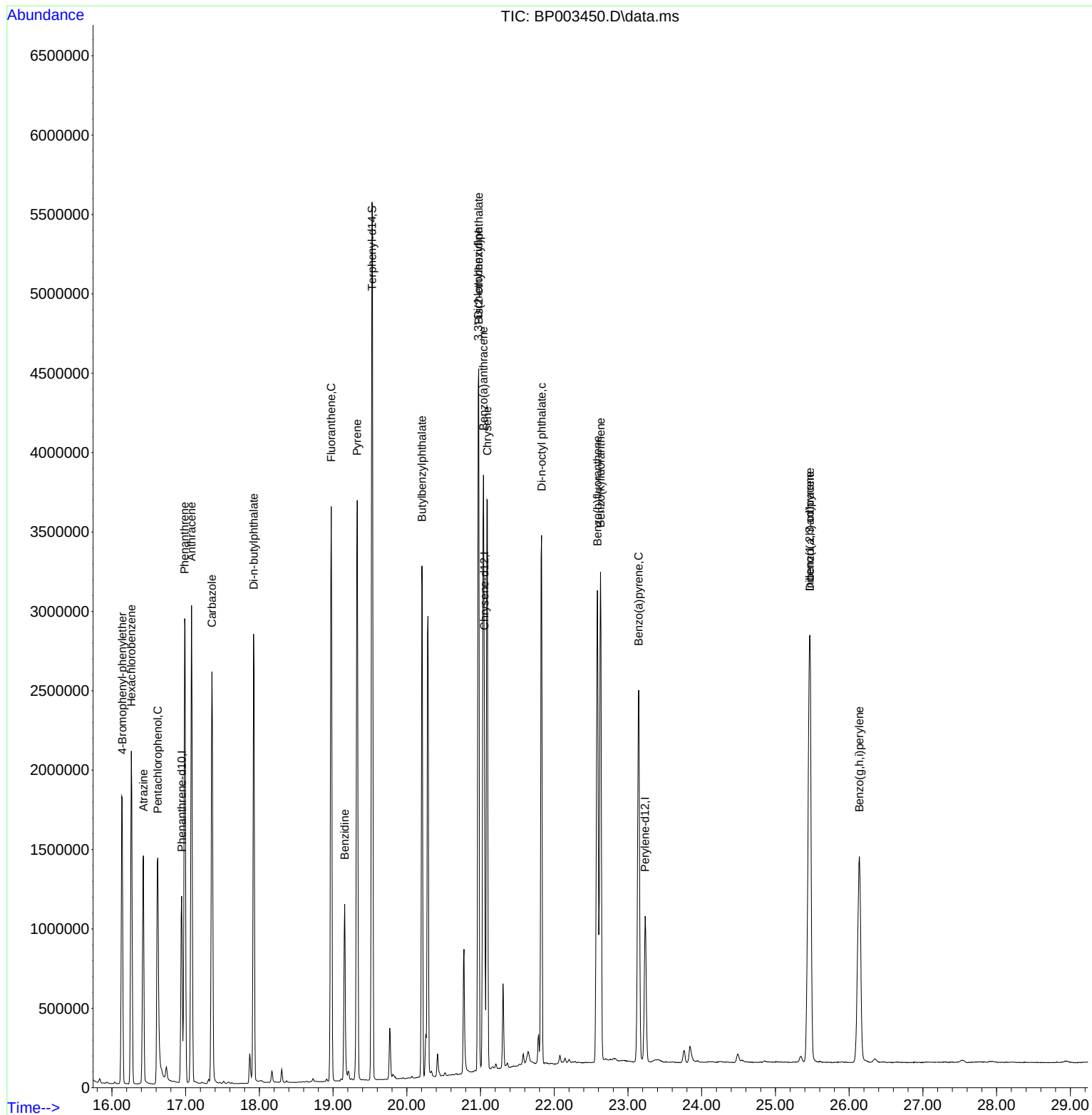
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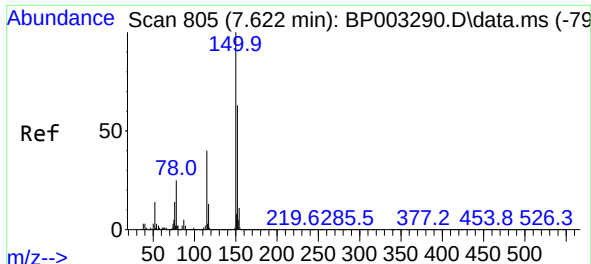
Instrument :  
BNA\_P  
ClientSampleId :  
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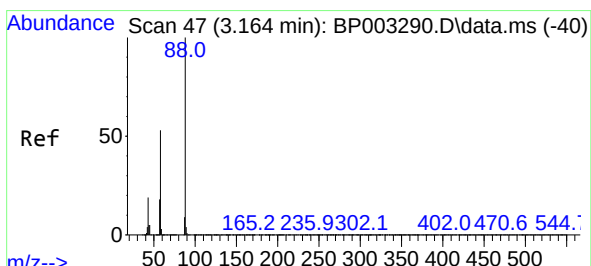
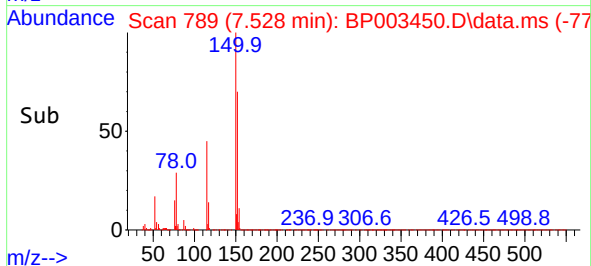
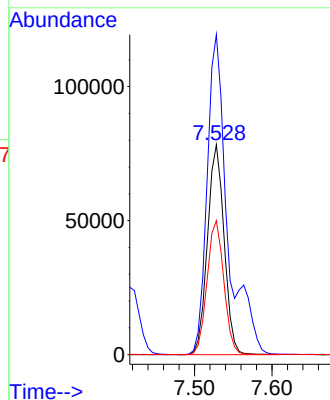
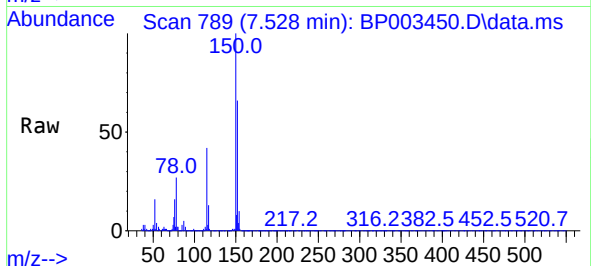
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.528 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:152 Resp: 117189  
Ion Ratio Lower Upper  
152 100  
150 152.4 123.8 185.6  
115 63.8 43.8 65.6

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

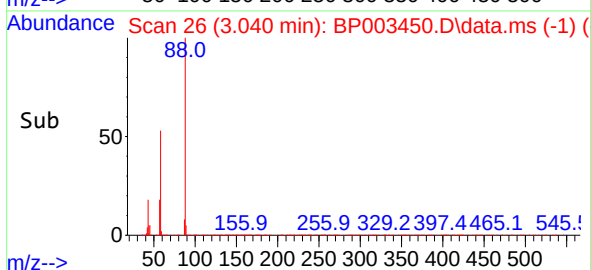
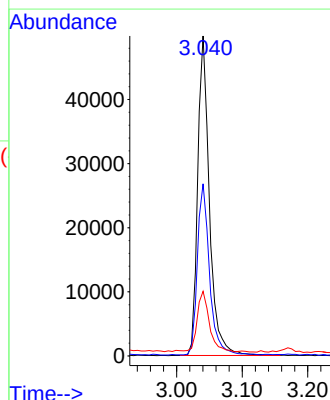
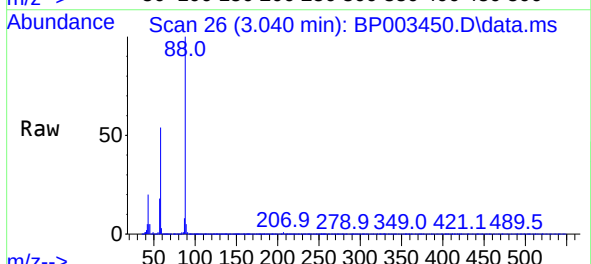
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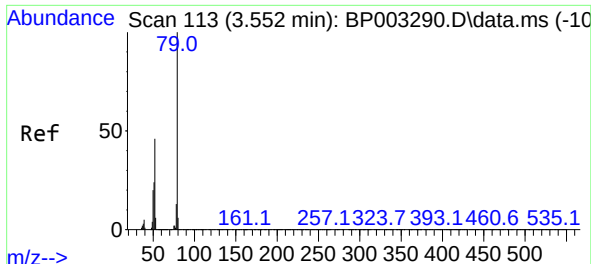
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#2  
1,4-Dioxane  
Concen: 22.53 ng  
RT: 3.040 min Scan# 26  
Delta R.T. -0.018 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 88 Resp: 62134  
Ion Ratio Lower Upper  
88 100  
58 55.3 44.2 66.4  
43 19.6 15.2 22.8





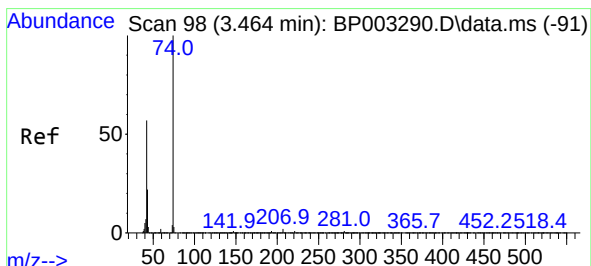
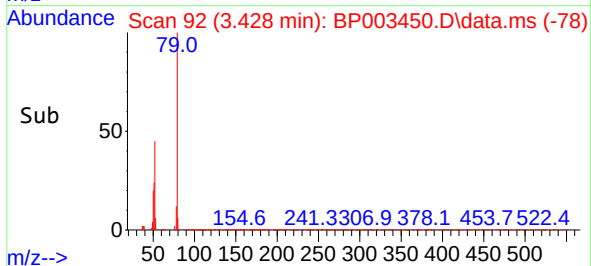
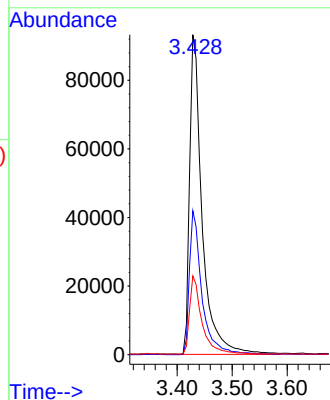
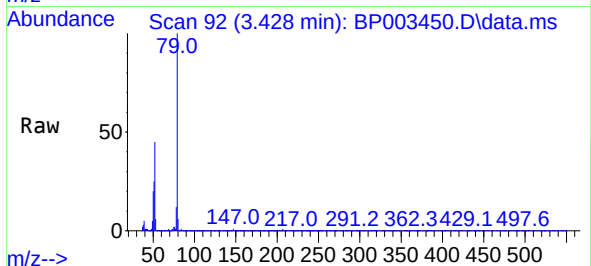
#3  
Pyridine  
Concen: 20.14 ng  
RT: 3.428 min Scan# 92  
Delta R.T. -0.018 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 79 Resp: 147899  
Ion Ratio Lower Upper  
79 100  
52 45.0 41.3 61.9  
51 24.6 21.2 31.8

Instrument :  
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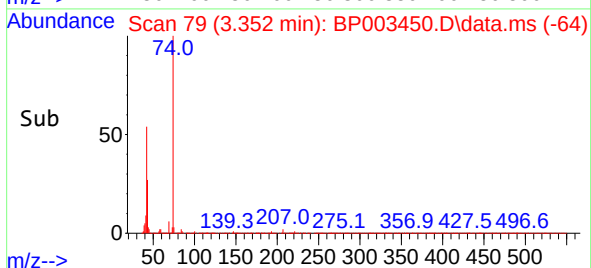
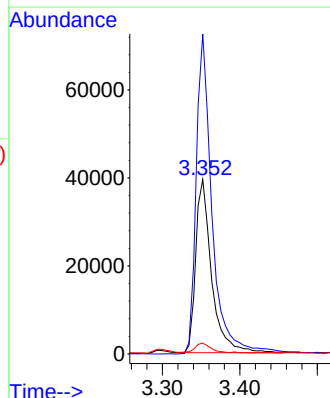
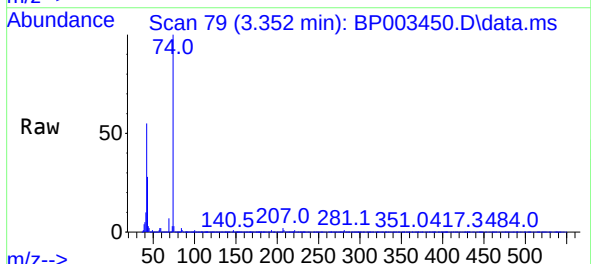
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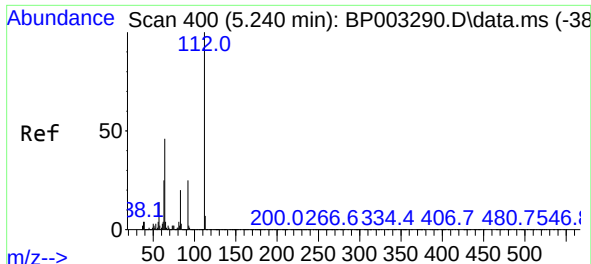
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#4  
n-Nitrosodimethylamine  
Concen: 25.53 ng  
RT: 3.352 min Scan# 79  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 42 Resp: 56084  
Ion Ratio Lower Upper  
42 100  
74 183.4 148.6 223.0  
44 6.3 5.3 7.9





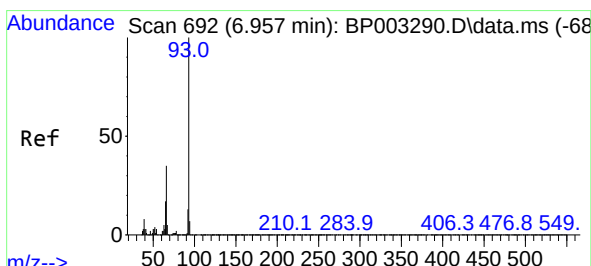
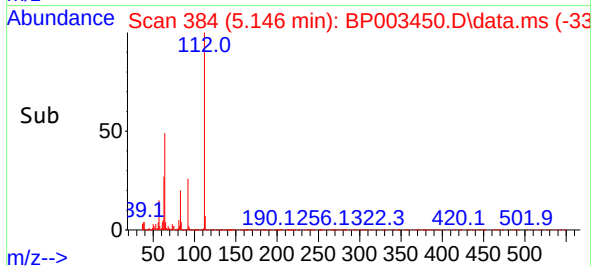
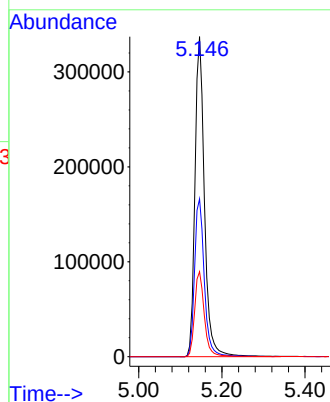
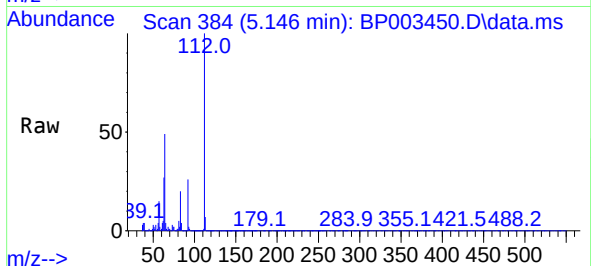
#5  
2-Fluorophenol  
Concen: 79.69 ng  
RT: 5.146 min Scan# 384  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

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RR-1MSD

Tgt Ion:112 Resp: 534858  
Ion Ratio Lower Upper  
112 100  
64 49.3 32.8 49.2#  
63 26.5 17.0 25.4#

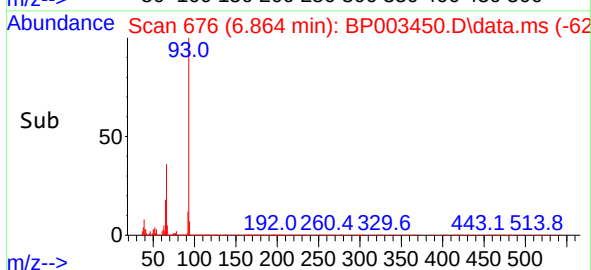
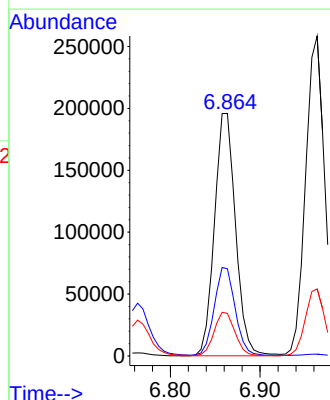
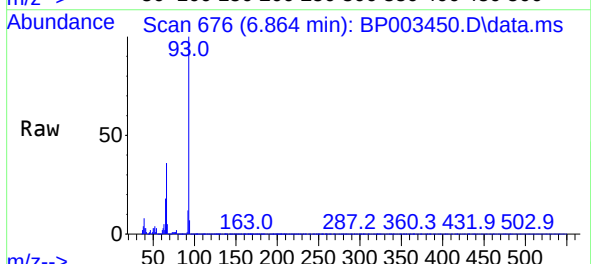
Manual Integrations  
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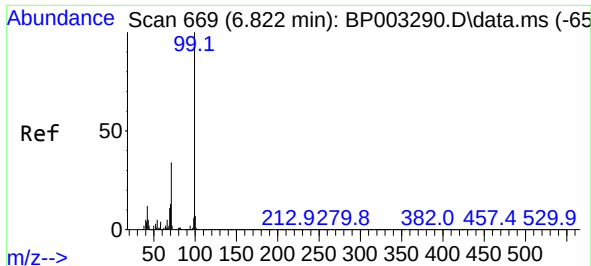
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#6  
Aniline  
Concen: 31.16 ng  
RT: 6.864 min Scan# 676  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

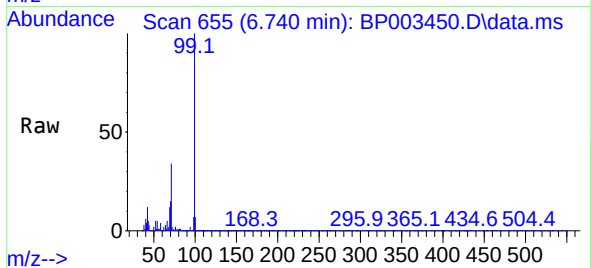
Tgt Ion: 93 Resp: 320094  
Ion Ratio Lower Upper  
93 100  
66 36.0 25.4 38.0  
65 17.5 12.5 18.7





#7  
Phenol-d6  
Concen: 51.11 ng  
RT: 6.740 min Scan# 655  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

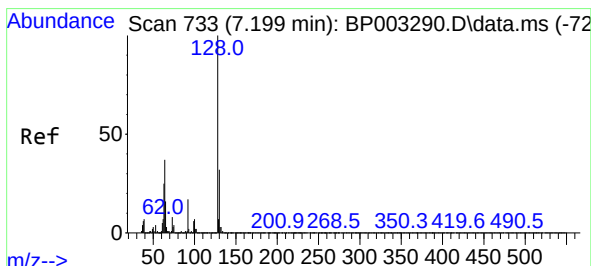
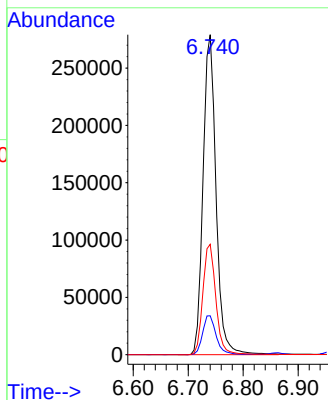
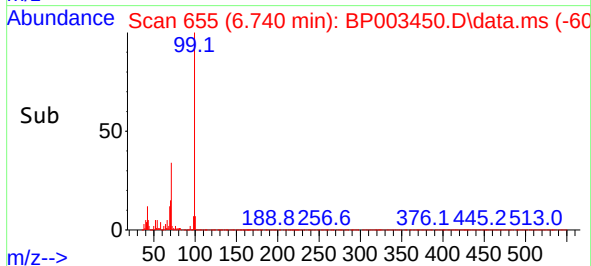
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



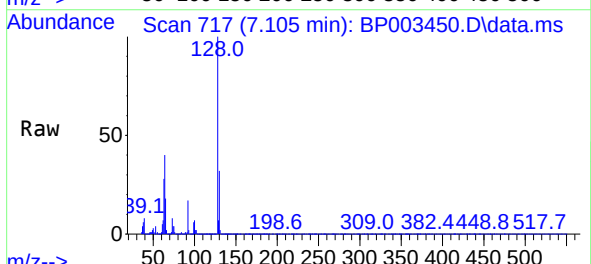
Tgt Ion: 99 Resp: 457255  
Ion Ratio Lower Upper  
99 100  
42 12.2 8.6 13.0  
71 34.5 23.4 35.2

Manual Integrations  
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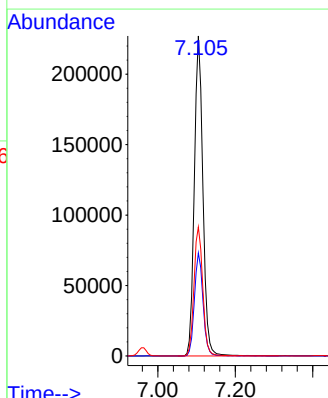
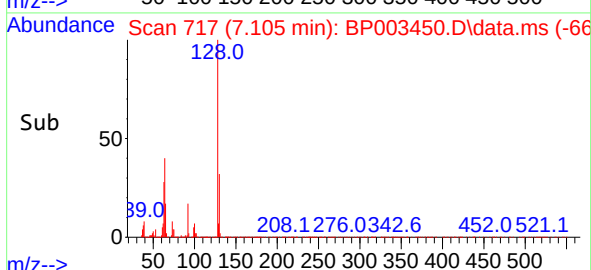
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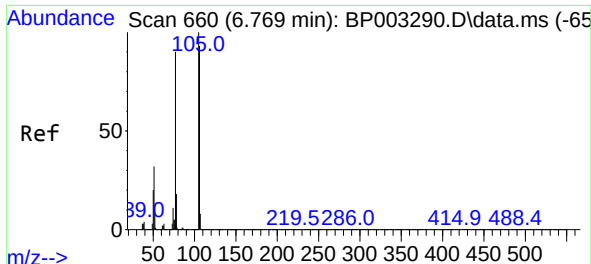
#8  
2-Chlorophenol  
Concen: 46.75 ng  
RT: 7.105 min Scan# 717  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



Tgt Ion: 128 Resp: 349473  
Ion Ratio Lower Upper  
128 100  
130 32.2 13.0 53.0  
64 40.3 10.4 50.4

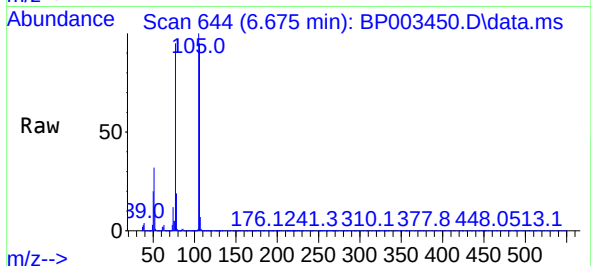






#9  
Benzaldehyde  
Concen: 25.22 ng  
RT: 6.675 min Scan# 644  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

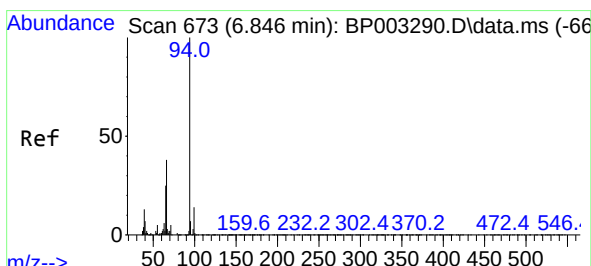
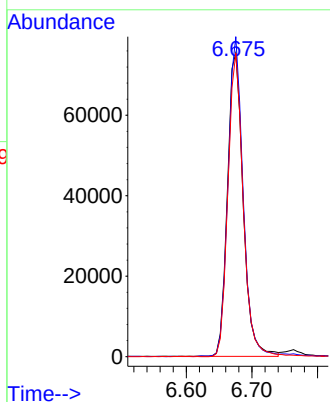
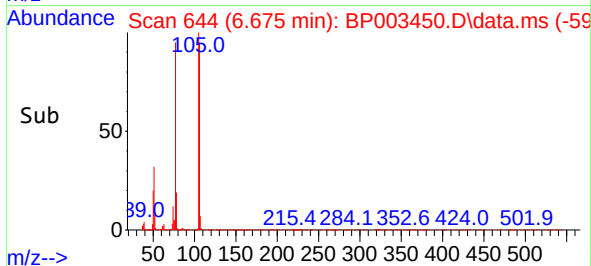
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



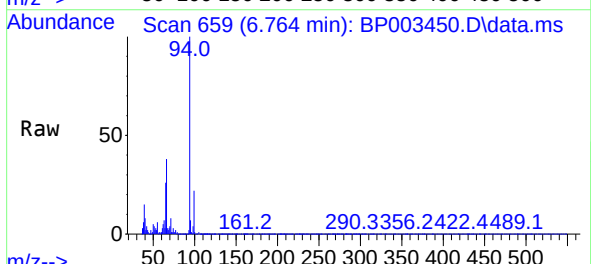
Tgt Ion: 77 Resp: 125835  
Ion Ratio Lower Upper  
77 100  
105 105.3 97.1 137.1  
106 99.9 93.7 133.7

Manual Integrations  
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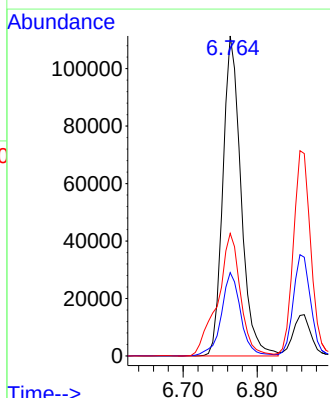
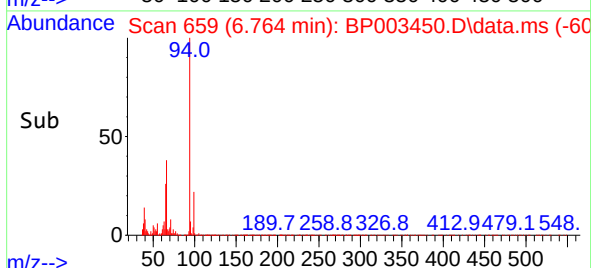
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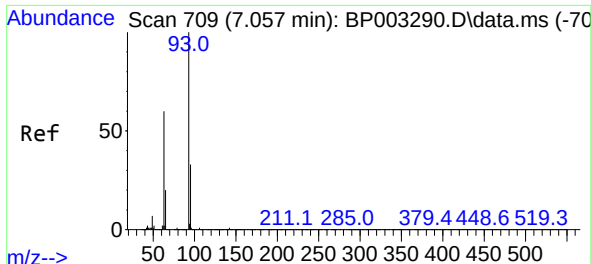


#10  
Phenol  
Concen: 22.17 ng  
RT: 6.764 min Scan# 659  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



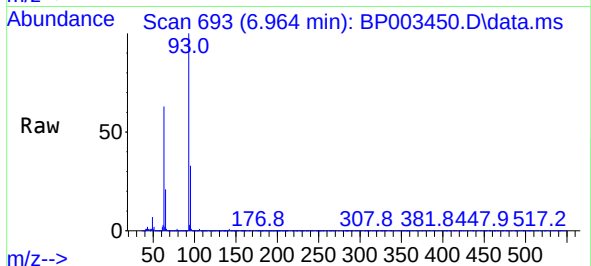
Tgt Ion: 94 Resp: 189408  
Ion Ratio Lower Upper  
94 100  
65 26.0 2.3 42.3  
66 38.3 10.9 50.9





#11  
bis(2-Chloroethyl)ether  
Concen: 56.93 ng  
RT: 6.964 min Scan# 693  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

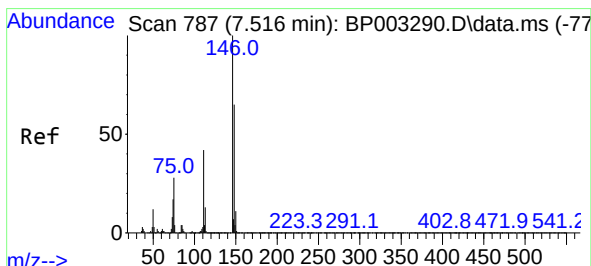
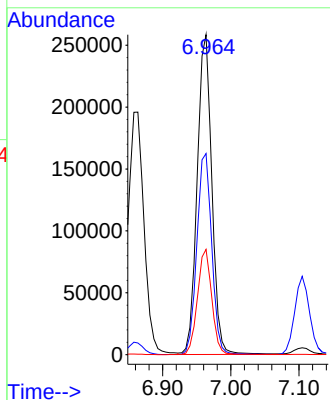
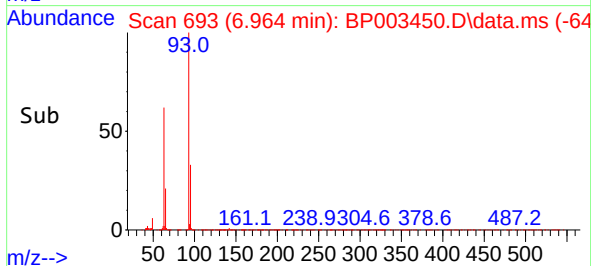
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



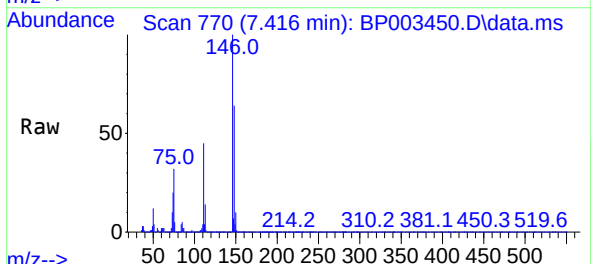
Tgt Ion: 93 Resp: 385480  
Ion Ratio Lower Upper  
93 100  
63 62.9 39.0 79.0  
95 32.9 12.8 52.8

Manual Integrations  
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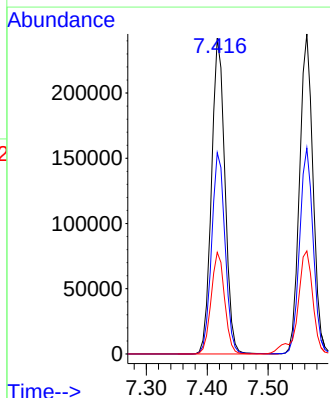
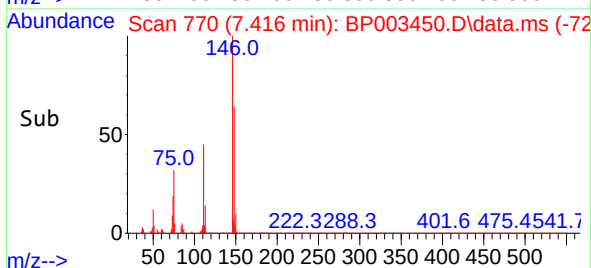
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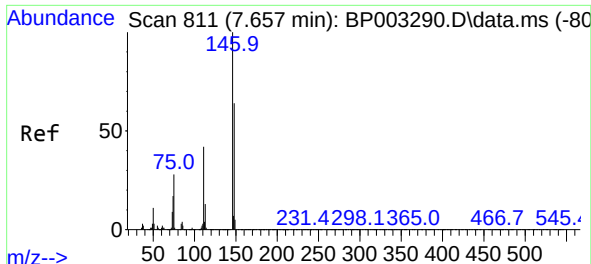


#12  
1,3-Dichlorobenzene  
Concen: 41.48 ng  
RT: 7.416 min Scan# 770  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



Tgt Ion: 146 Resp: 370705  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.5 78.7  
75 32.2 18.1 27.1#





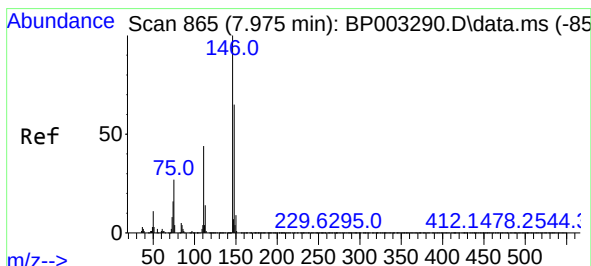
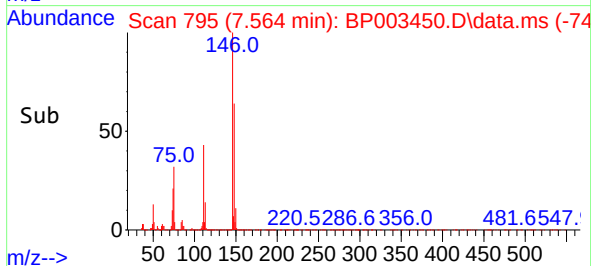
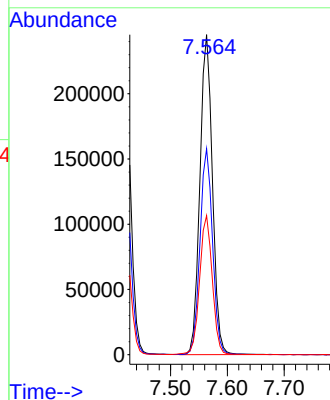
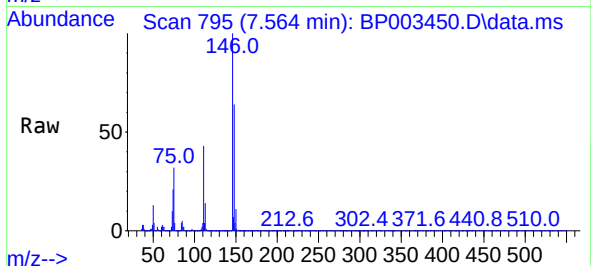
#13  
1,4-Dichlorobenzene  
Concen: 41.56 ng  
RT: 7.564 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:146 Resp: 375727  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.3 76.9  
111 43.5 28.9 43.3#

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

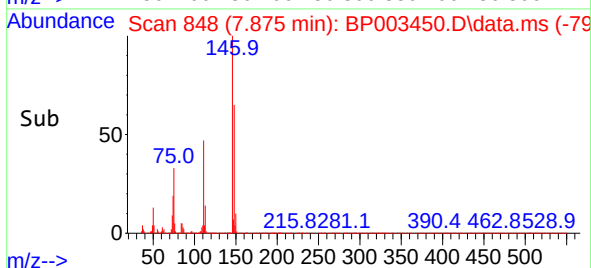
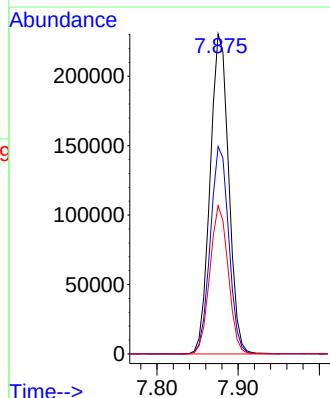
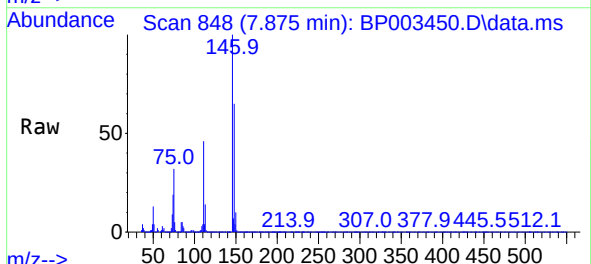
Manual Integrations  
APPROVED

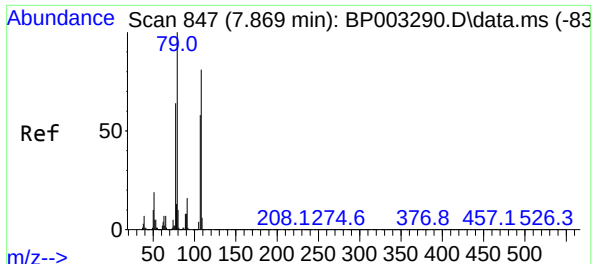
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#14  
1,2-Dichlorobenzene  
Concen: 42.21 ng  
RT: 7.875 min Scan# 848  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

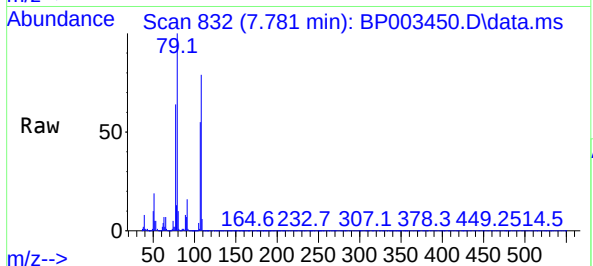
Tgt Ion:146 Resp: 366260  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.6 77.4  
111 46.4 31.0 46.6





#15  
Benzyl Alcohol  
Concen: 44.83 ng  
RT: 7.781 min Scan# 832  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

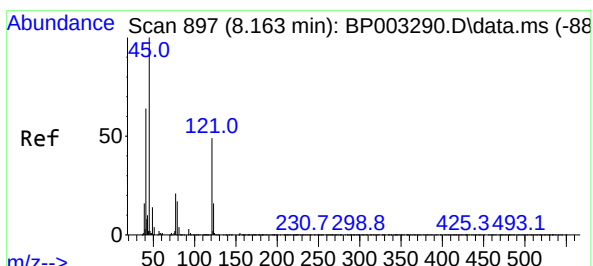
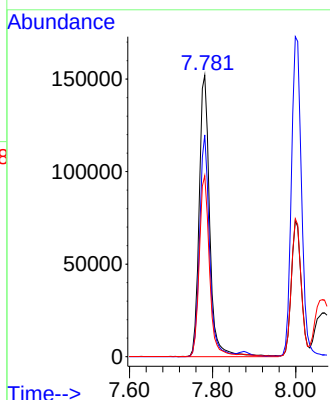
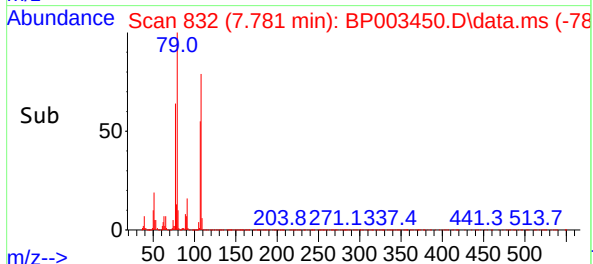
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



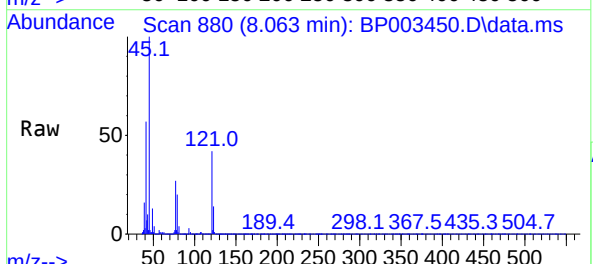
Tgt Ion: 79 Resp: 266491  
Ion Ratio Lower Upper  
79 100  
108 78.8 73.5 110.3  
77 64.3 50.3 75.5

Manual Integrations  
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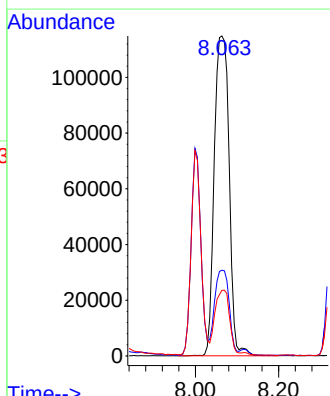
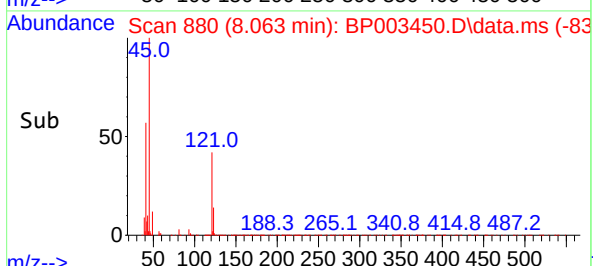
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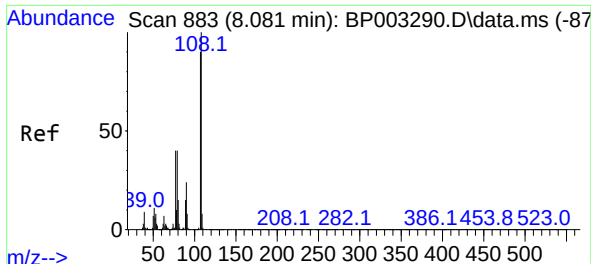


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 57.88 ng  
RT: 8.063 min Scan# 880  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



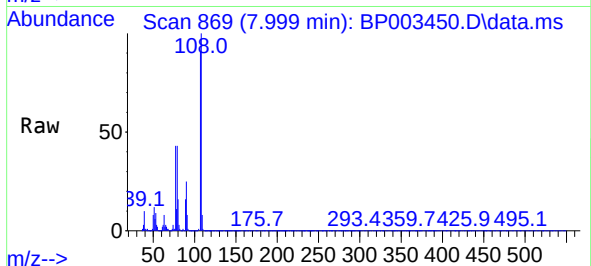
Tgt Ion: 45 Resp: 284966  
Ion Ratio Lower Upper  
45 100  
77 26.8 2.3 42.3  
79 20.5 0.0 36.6





#17  
2-Methylphenol  
Concen: 42.25 ng  
RT: 7.999 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

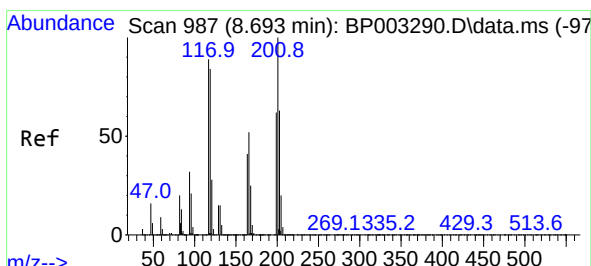
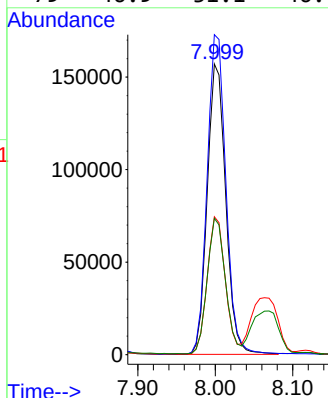
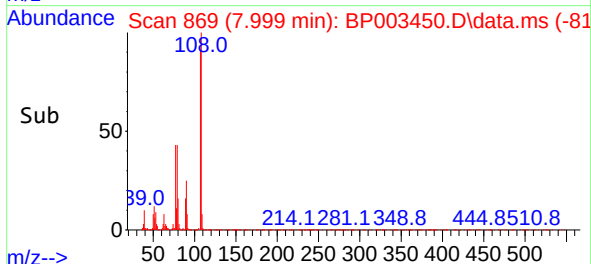
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



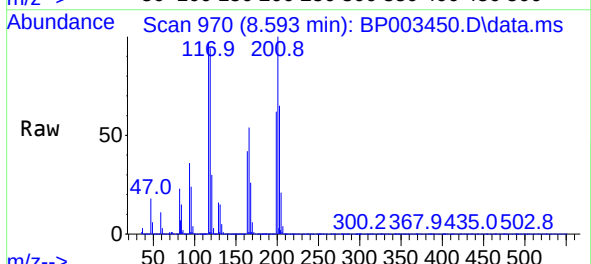
Tgt Ion:107 Resp: 261037  
Ion Ratio Lower Upper  
107 100  
108 110.1 89.6 134.4  
77 47.4 31.8 47.6  
79 46.9 31.1 46.7#

Manual Integrations  
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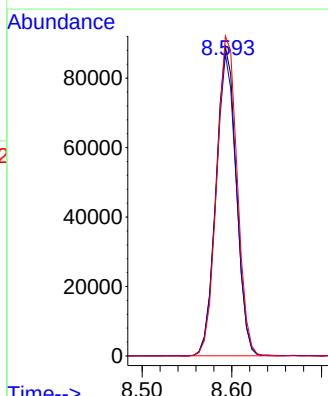
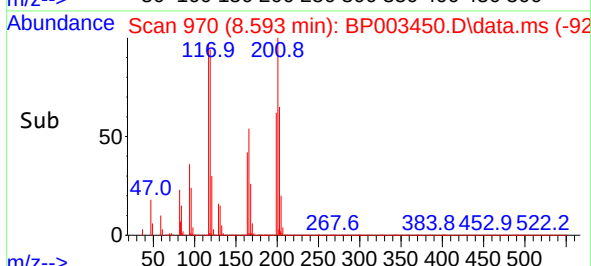
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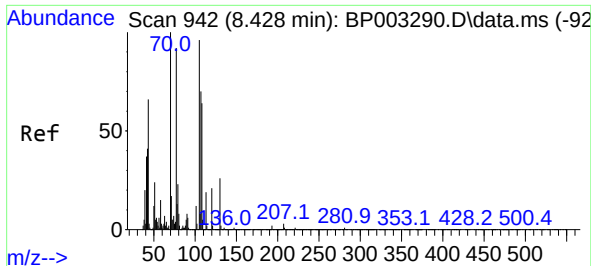


#18  
Hexachloroethane  
Concen: 41.53 ng  
RT: 8.593 min Scan# 970  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



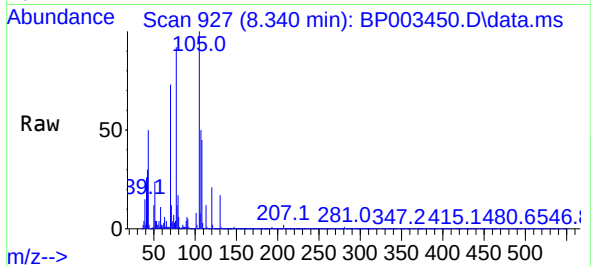
Tgt Ion:117 Resp: 139907  
Ion Ratio Lower Upper  
117 100  
119 97.6 78.8 118.2  
201 103.6 92.3 138.5





#19  
n-Nitroso-di-n-propylamine  
Concen: 57.65 ng  
RT: 8.340 min Scan# 927  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

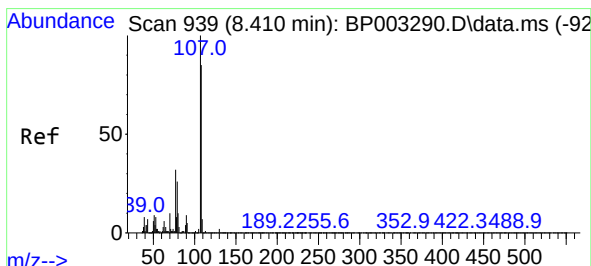
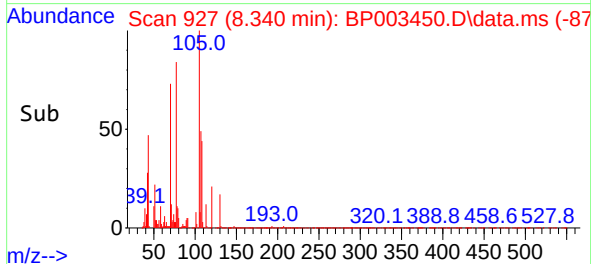
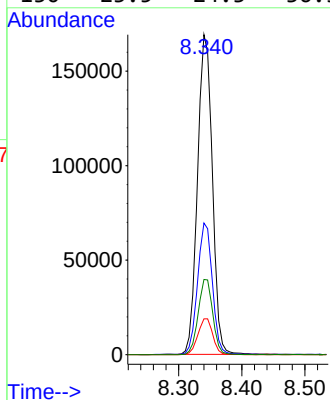
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



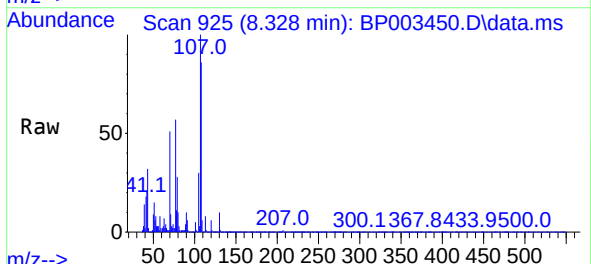
Tgt Ion: 70 Resp: 276296  
Ion Ratio Lower Upper  
70 100  
42 41.1 32.8 49.2  
101 11.2 9.6 14.4  
130 23.5 24.3 36.5#

Manual Integrations  
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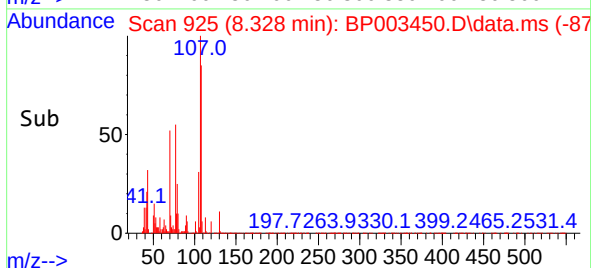
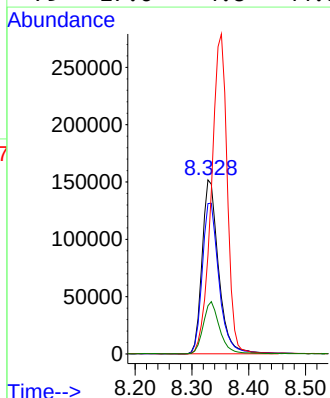
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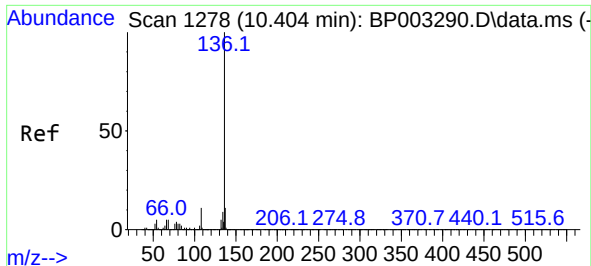


#20  
3+4-Methylphenols  
Concen: 37.04 ng  
RT: 8.328 min Scan# 925  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



Tgt Ion: 107 Resp: 304538  
Ion Ratio Lower Upper  
107 100  
108 86.4 69.0 109.0  
77 56.7 8.5 48.5#  
79 27.6 4.8 44.8





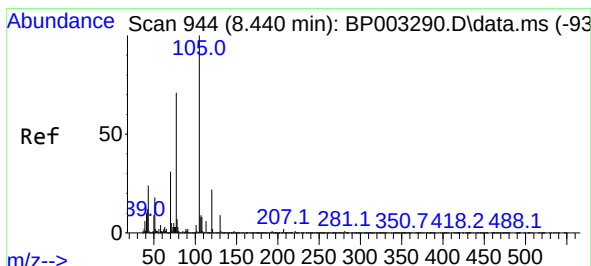
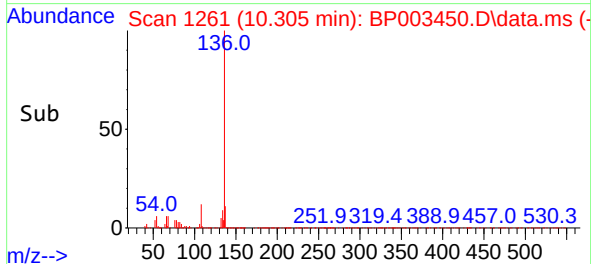
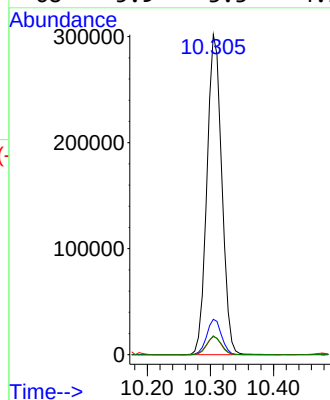
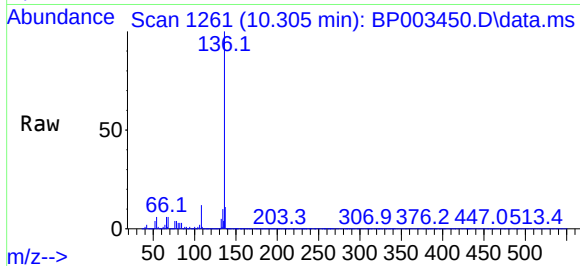
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.305 min Scan# 1261  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 492461 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.6   | 13.0   |
| 54        | 5.7   | 3.6   | 5.4#   |
| 68        | 5.9   | 3.3   | 4.9#   |

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

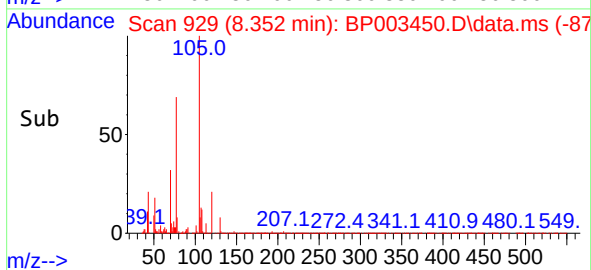
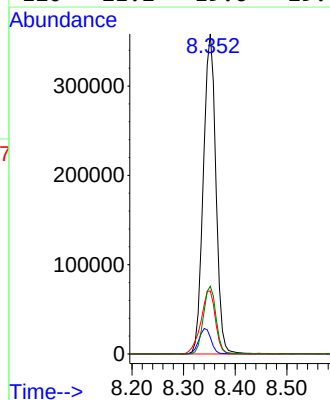
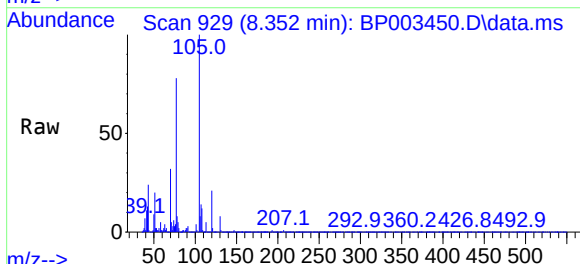
Manual Integrations  
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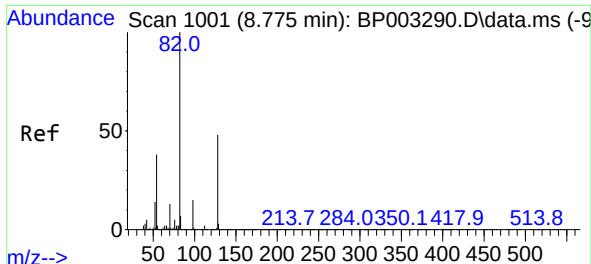
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#22  
Acetophenone  
Concen: 49.80 ng  
RT: 8.352 min Scan# 929  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 602343 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 5.2   | 2.6   | 3.8#   |
| 51        | 19.7  | 13.5  | 20.3   |
| 120       | 21.2  | 19.6  | 29.4   |





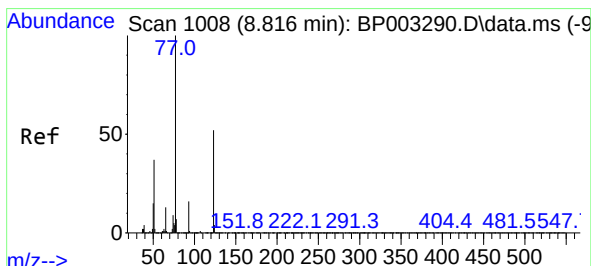
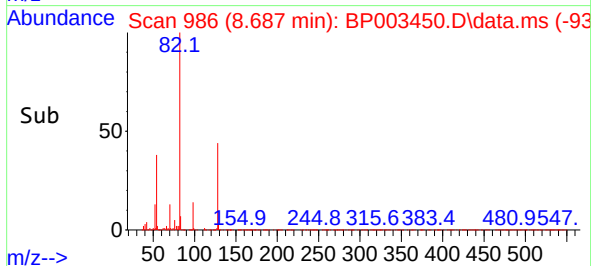
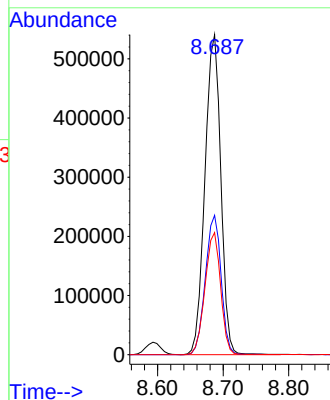
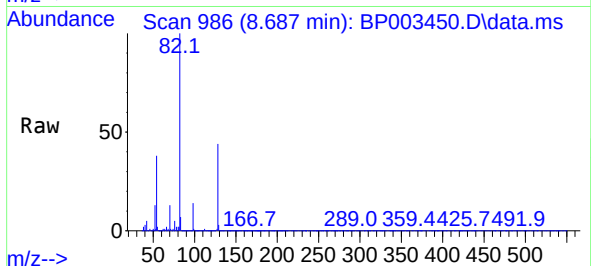
#23  
Nitrobenzene-d5  
Concen: 109.01 ng  
RT: 8.687 min Scan# 986  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 82 Resp: 913821  
Ion Ratio Lower Upper  
82 100  
128 43.6 45.6 68.4#  
54 38.1 30.1 45.1

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

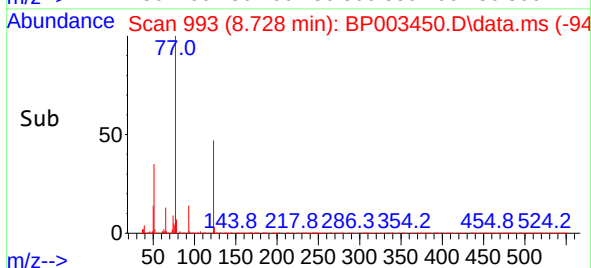
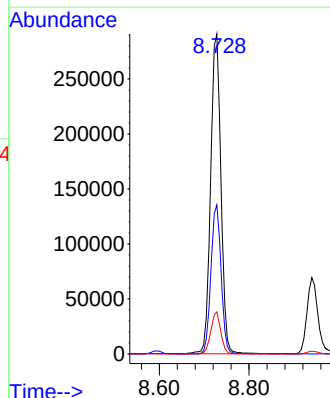
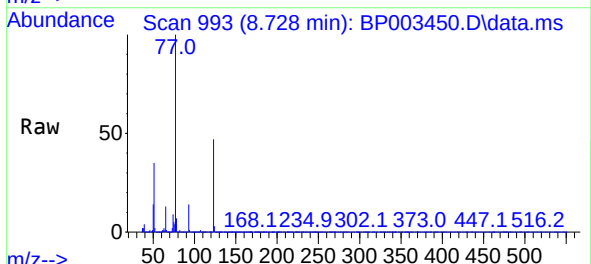
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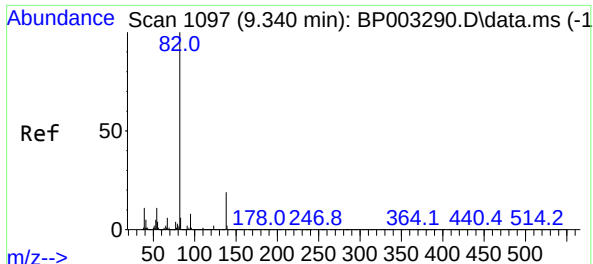


#24  
Nitrobenzene  
Concen: 55.22 ng  
RT: 8.728 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 77 Resp: 463134  
Ion Ratio Lower Upper  
77 100  
123 46.6 48.6 72.8#  
65 13.1 10.0 15.0







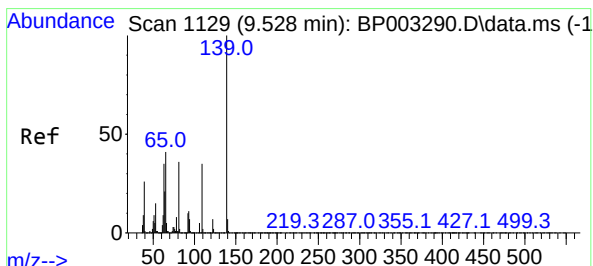
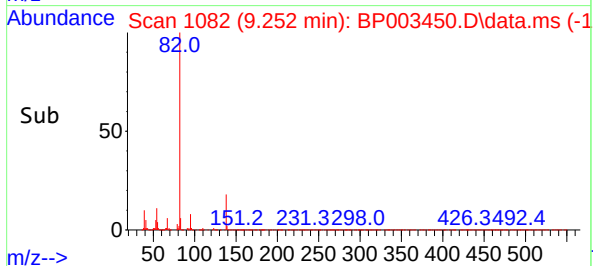
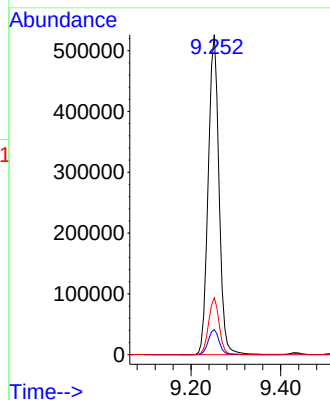
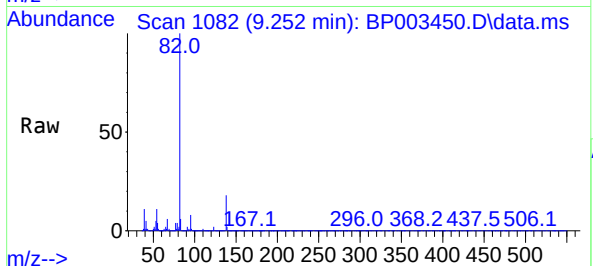
#25  
Isophorone  
Concen: 57.06 ng  
RT: 9.252 min Scan# 1082  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 82 Resp: 876639  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.4 9.6  
138 17.8 18.7 28.1#

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

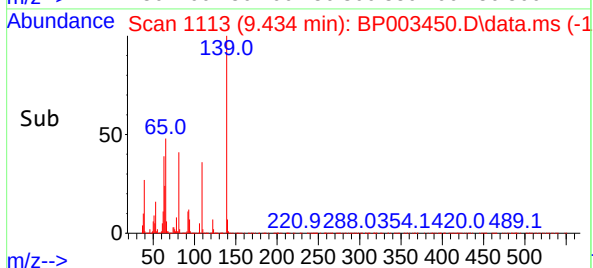
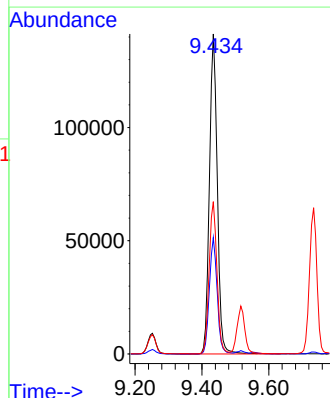
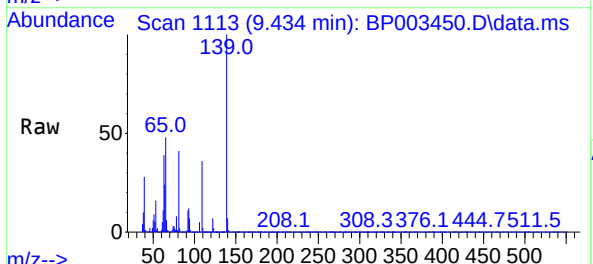
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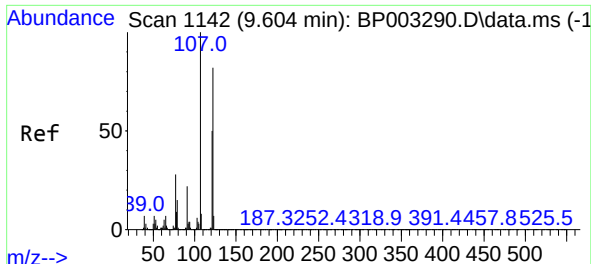
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#26  
2-Nitrophenol  
Concen: 50.28 ng  
RT: 9.434 min Scan# 1113  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 139 Resp: 230321  
Ion Ratio Lower Upper  
139 100  
109 36.4 22.1 33.1#  
65 47.6 26.5 39.7#





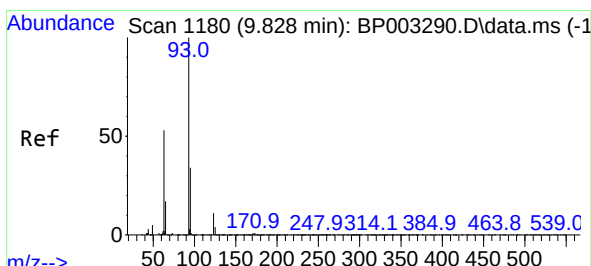
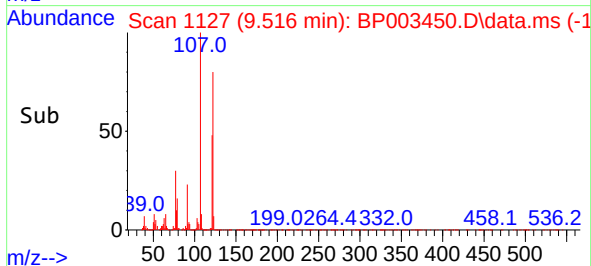
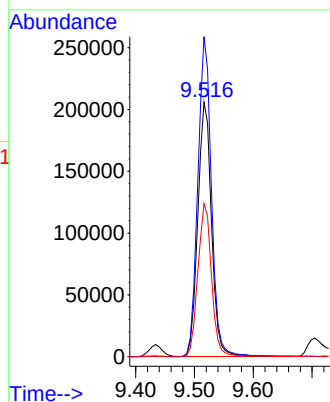
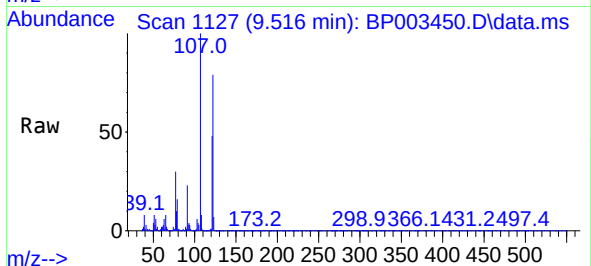
#27  
2,4-Dimethylphenol  
Concen: 51.51 ng  
RT: 9.516 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:122 Resp: 333701  
Ion Ratio Lower Upper  
122 100  
107 125.8 87.3 130.9  
121 60.1 47.3 70.9

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

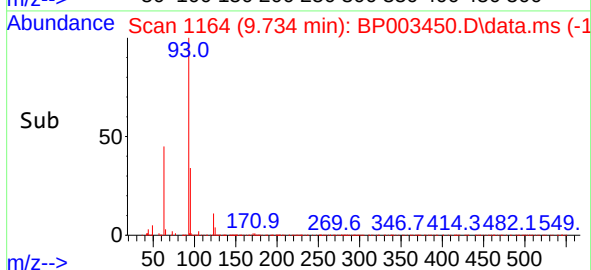
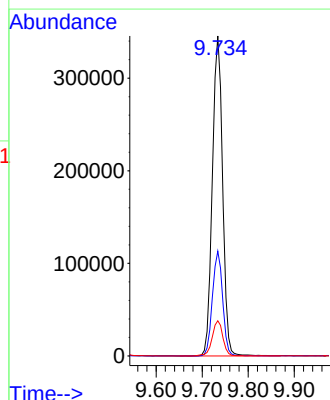
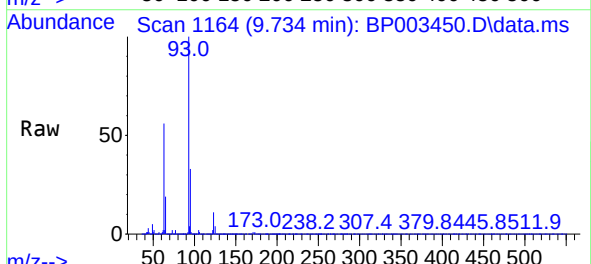
Manual Integrations  
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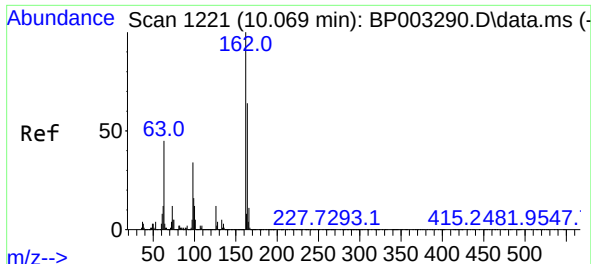
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#28  
bis(2-Chloroethoxy)methane  
Concen: 52.36 ng  
RT: 9.734 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 93 Resp: 535364  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.7 40.1  
123 11.0 10.5 15.7





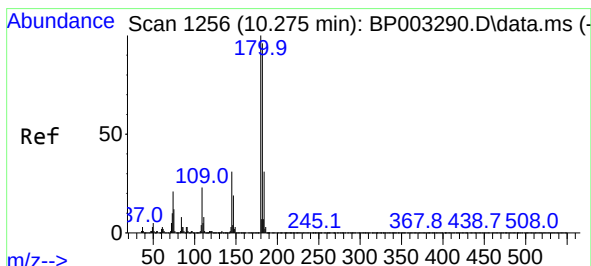
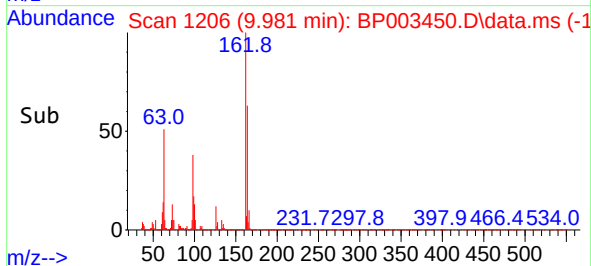
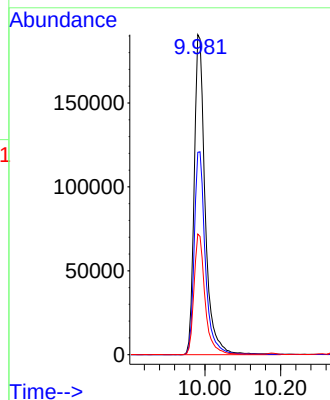
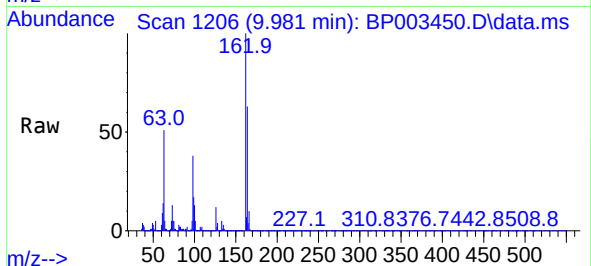
#29  
2,4-Dichlorophenol  
Concen: 47.73 ng  
RT: 9.981 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:162 Resp: 386368  
Ion Ratio Lower Upper  
162 100  
164 63.3 45.8 85.8  
98 37.7 10.2 50.2

Instrument :  
BNA\_P  
ClientSampled :  
RR-1MSD

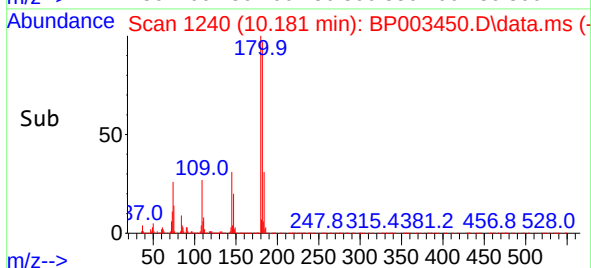
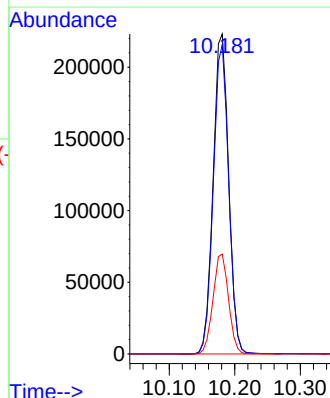
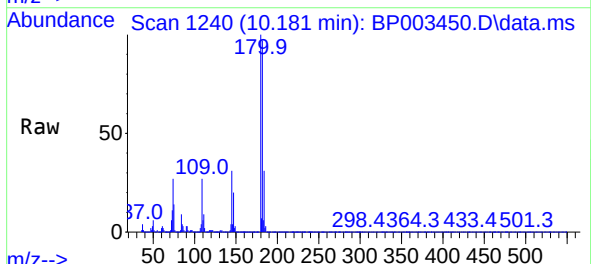
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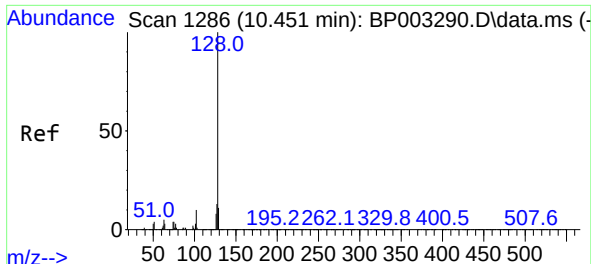
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#30  
1,2,4-Trichlorobenzene  
Concen: 38.10 ng  
RT: 10.181 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

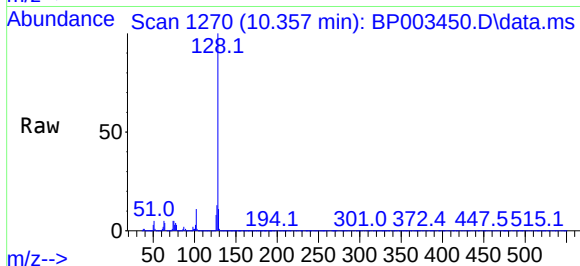
Tgt Ion:180 Resp: 365945  
Ion Ratio Lower Upper  
180 100  
182 96.7 76.2 114.2  
145 31.2 23.8 35.8





#31  
Naphthalene  
Concen: 44.71 ng  
RT: 10.357 min Scan# 1270  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

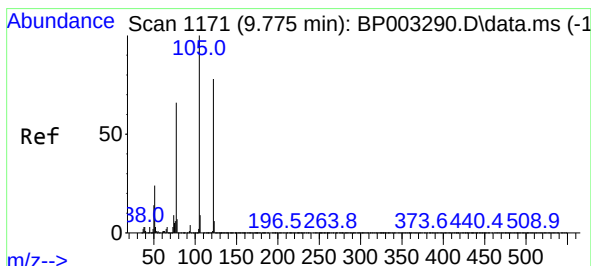
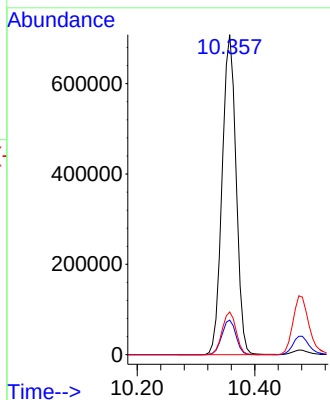
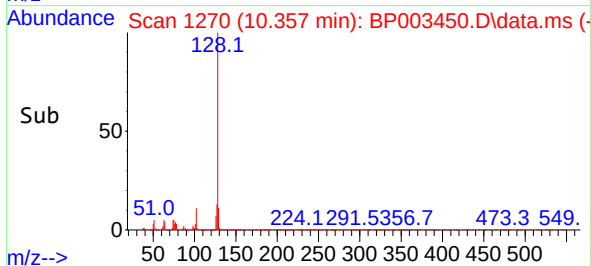
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



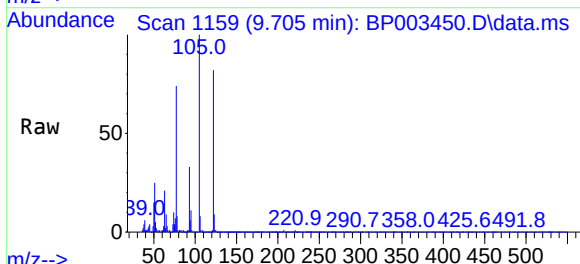
Tgt Ion:128 Resp: 1162960  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 13.3 10.6 15.8

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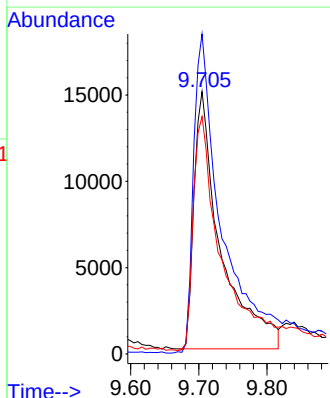
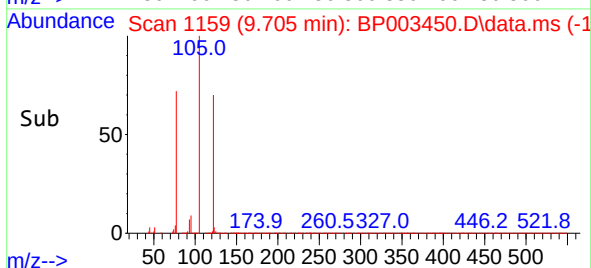
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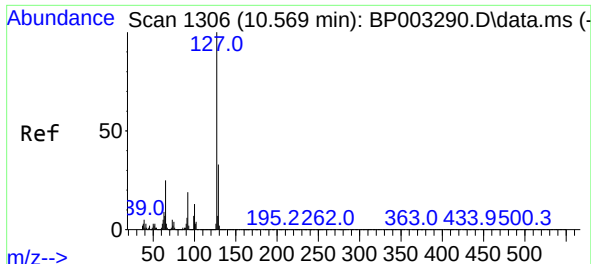


#32  
Benzoic acid  
Concen: 16.26 ng  
RT: 9.705 min Scan# 1159  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



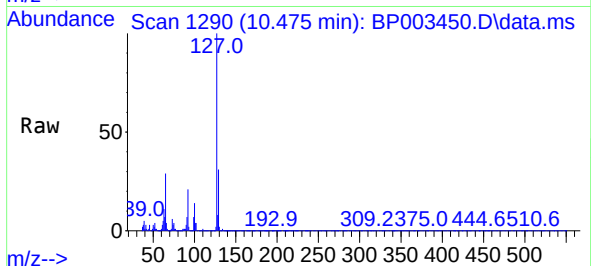
Tgt Ion:122 Resp: 40679  
Ion Ratio Lower Upper  
122 100  
105 121.9 94.1 134.1  
77 90.5 50.1 90.1#





#33  
4-Chloroaniline  
Concen: 22.92 ng  
RT: 10.475 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

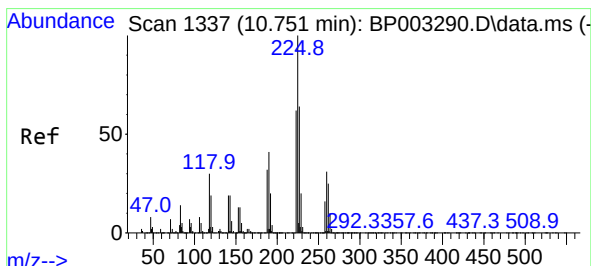
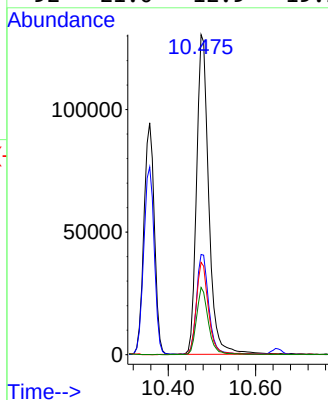
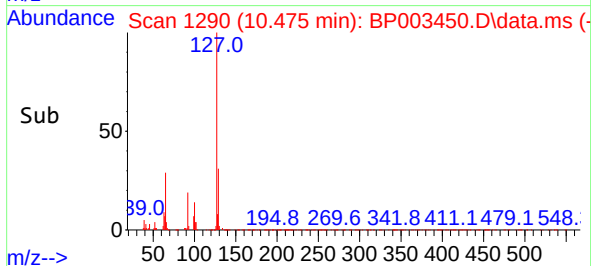
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



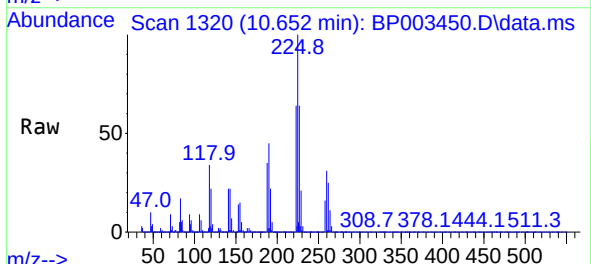
Tgt Ion:127 Resp: 253333  
Ion Ratio Lower Upper  
127 100  
129 31.3 25.7 38.5  
65 28.8 17.3 25.9#  
92 21.0 12.9 19.3#

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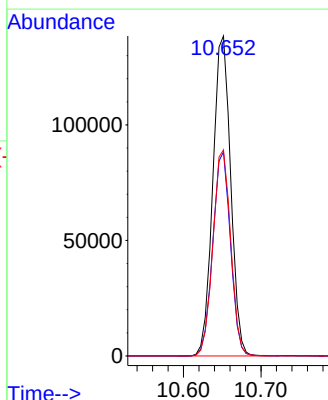
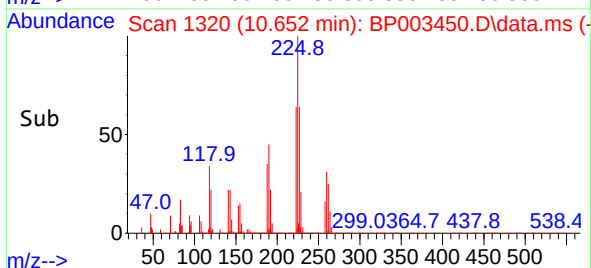
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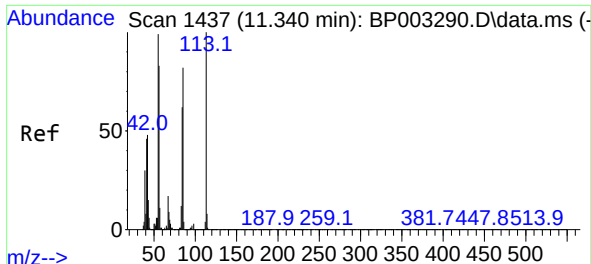


#34  
Hexachlorobutadiene  
Concen: 33.70 ng  
RT: 10.652 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



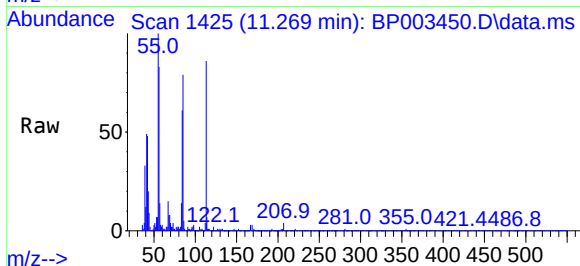
Tgt Ion:225 Resp: 220973  
Ion Ratio Lower Upper  
225 100  
223 63.7 50.1 75.1  
227 64.4 51.4 77.2





#35  
Caprolactam  
Concen: 9.93 ng m  
RT: 11.269 min Scan# 1425  
Delta R.T. 0.018 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

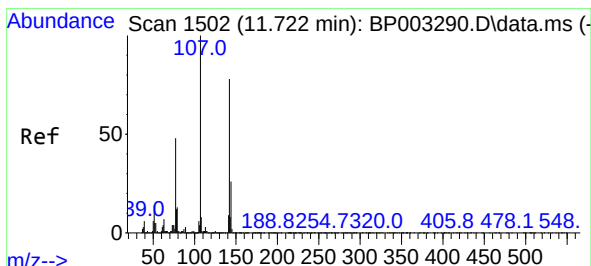
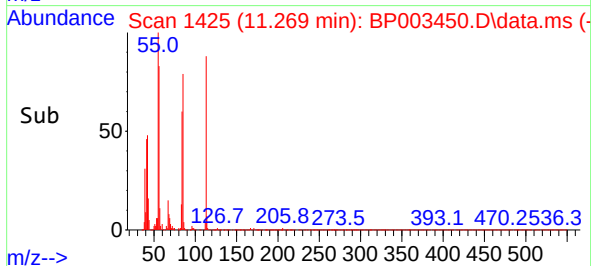
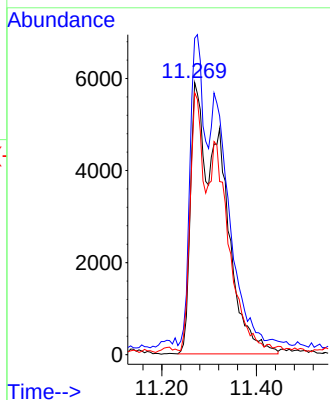
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



Tgt Ion:113 Resp: 26837  
Ion Ratio Lower Upper  
113 100  
55 116.3 77.3 117.3  
56 96.3 55.9 95.9#

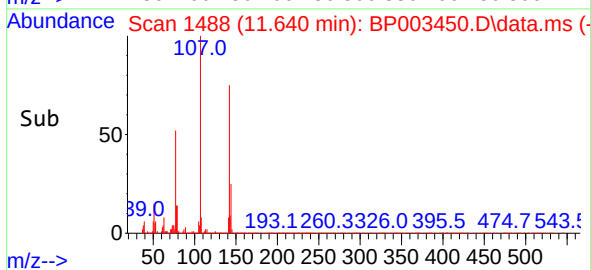
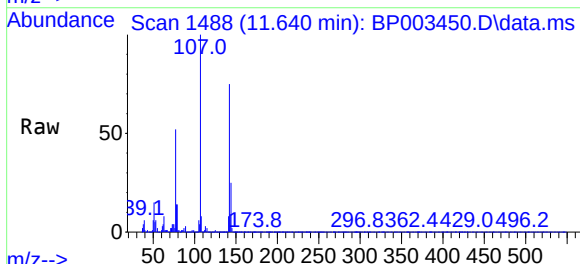
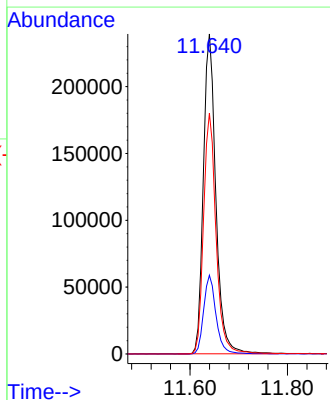
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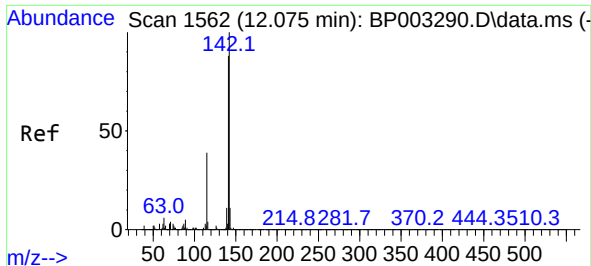
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#36  
4-Chloro-3-methylphenol  
Concen: 48.68 ng  
RT: 11.640 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

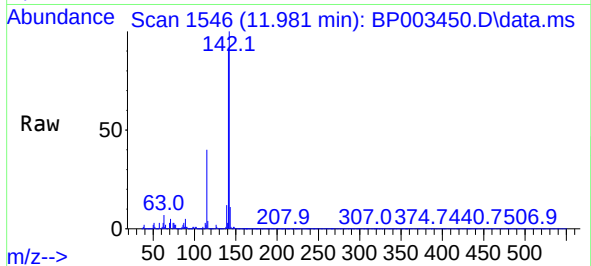
Tgt Ion:107 Resp: 424888  
Ion Ratio Lower Upper  
107 100  
144 24.6 22.7 34.1  
142 75.2 70.7 106.1





#37  
2-Methylnaphthalene  
Concen: 45.36 ng  
RT: 11.981 min Scan# 1546  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

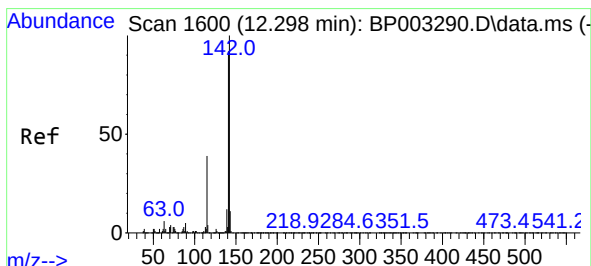
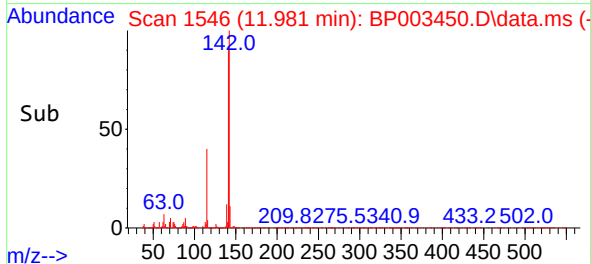
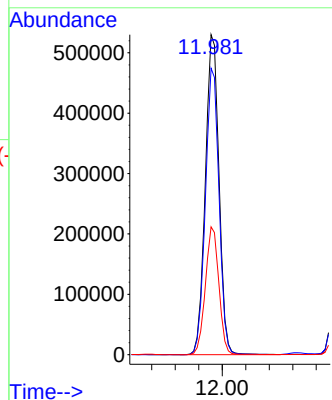
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



Tgt Ion:142 Resp: 854889  
Ion Ratio Lower Upper  
142 100  
141 89.5 71.4 107.2  
115 40.0 25.8 38.6#

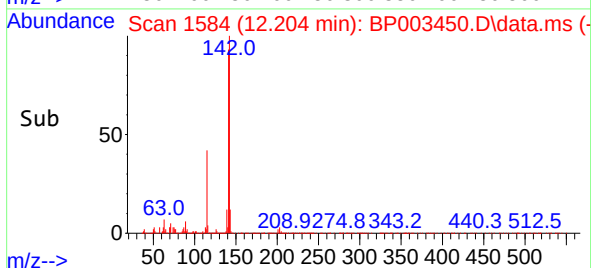
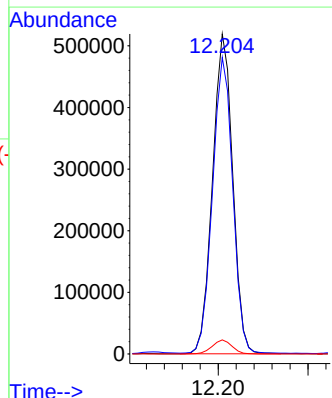
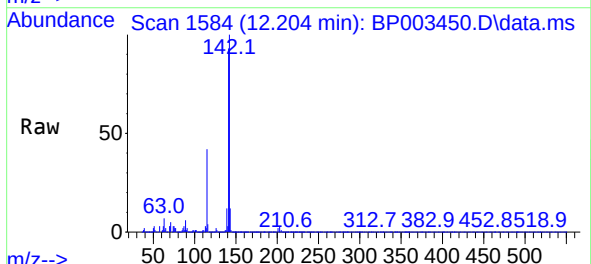
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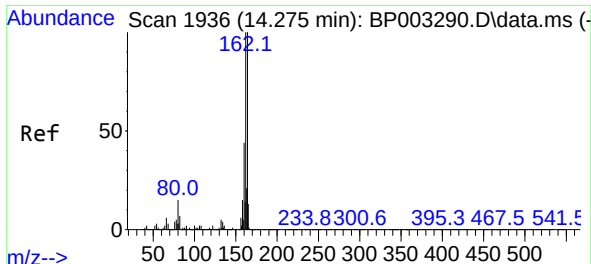
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#38  
1-Methylnaphthalene  
Concen: 45.21 ng m  
RT: 12.204 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

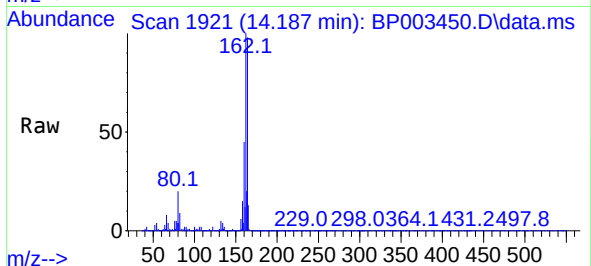
Tgt Ion:142 Resp: 808909  
Ion Ratio Lower Upper  
142 100  
141 92.7 74.4 111.6  
116 4.4 2.9 4.3#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.187 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

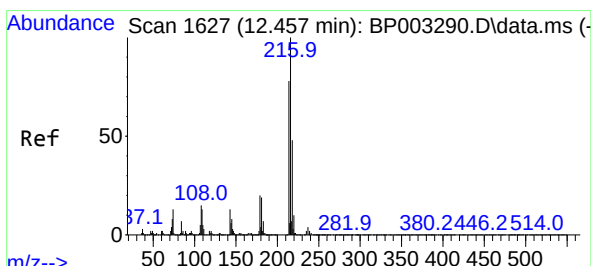
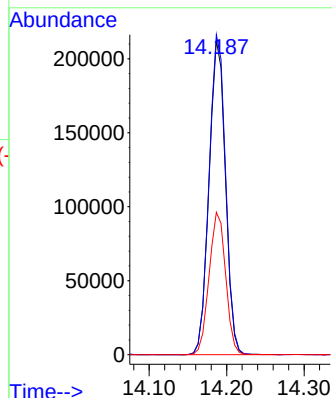
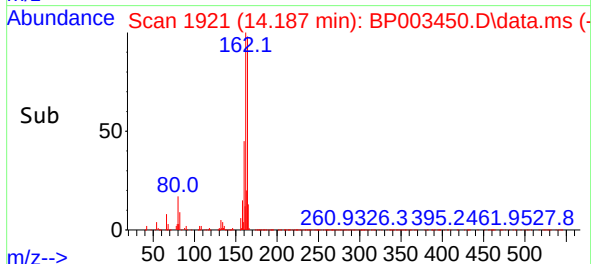
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



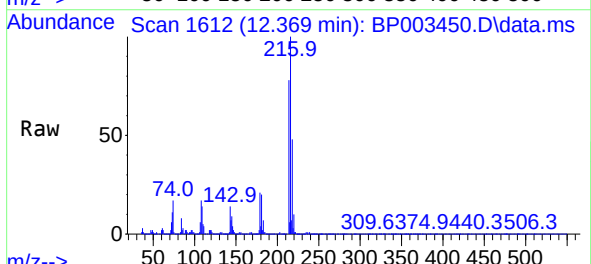
Tgt Ion:164 Resp: 311908  
Ion Ratio Lower Upper  
164 100  
162 101.8 79.4 119.2  
160 45.3 36.1 54.1

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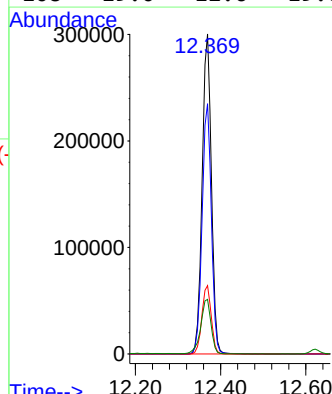
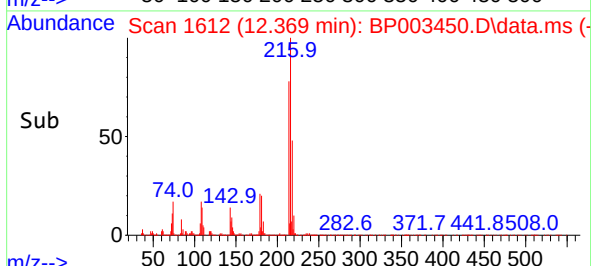
mohammad  
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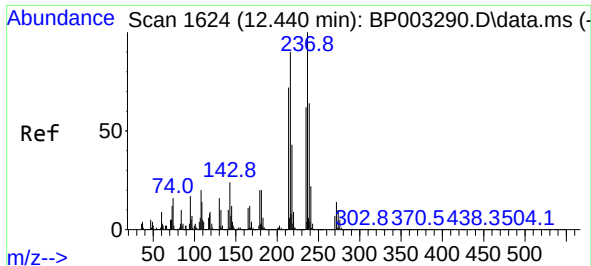
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.21 ng  
RT: 12.369 min Scan# 1612  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



Tgt Ion:216 Resp: 451445  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.0 94.6  
179 21.6 16.9 25.3  
108 19.0 12.6 19.0#

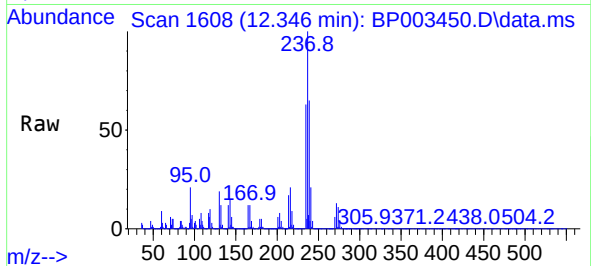






#41  
Hexachlorocyclopentadiene  
Concen: 61.47 ng  
RT: 12.346 min Scan# 1608  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

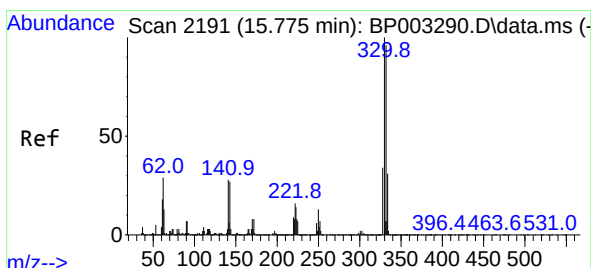
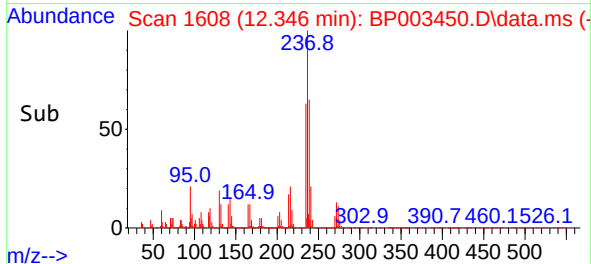
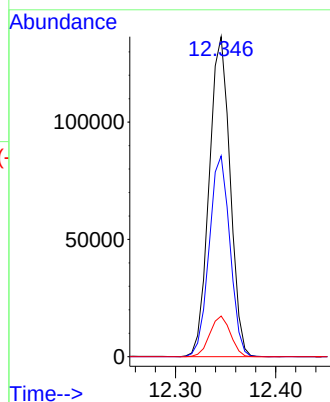
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



Tgt Ion:237 Resp: 197770  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.2 83.2  
272 12.7 0.0 33.3

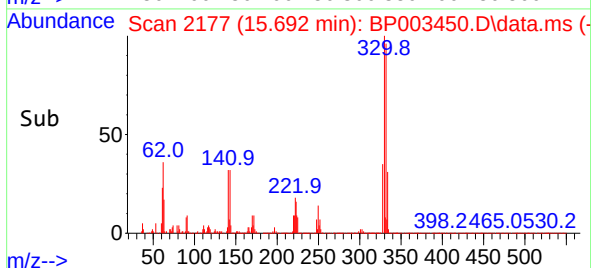
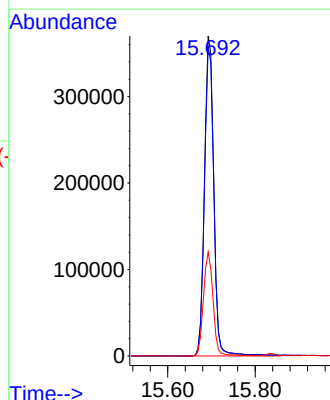
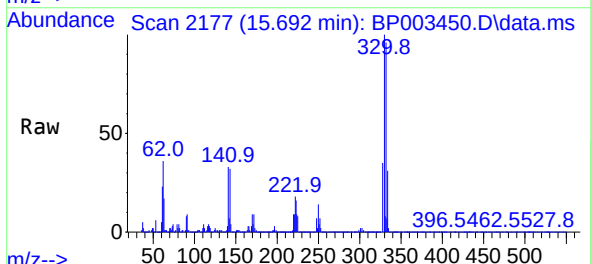
Manual Integrations  
APPROVED

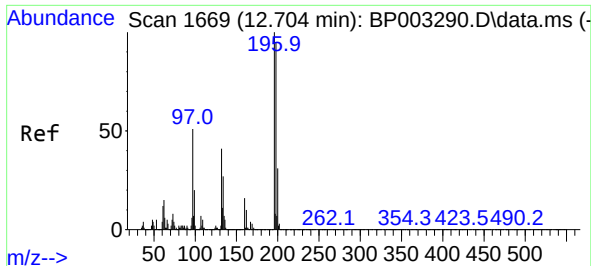
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#42  
2,4,6-Tribromophenol  
Concen: 116.15 ng  
RT: 15.692 min Scan# 2177  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:330 Resp: 552573  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.1 115.7  
141 33.4 23.4 35.2





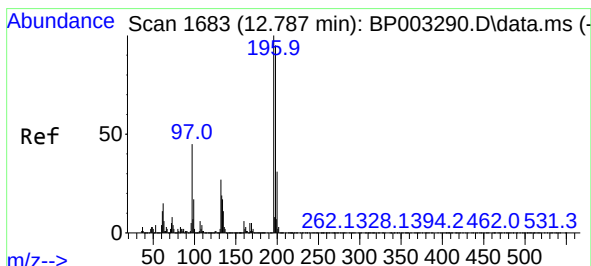
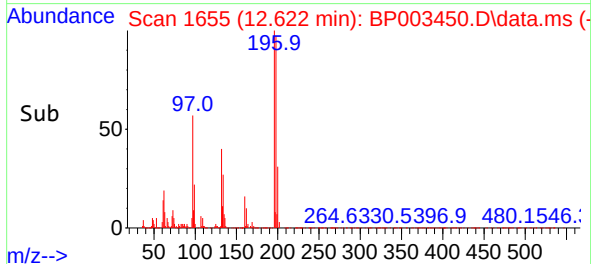
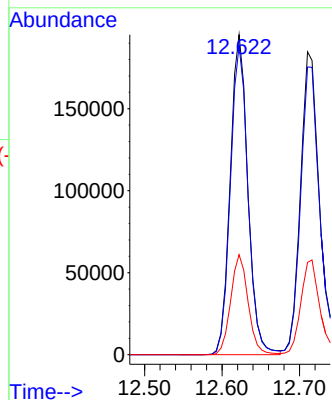
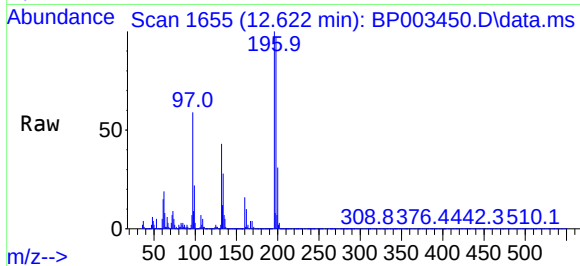
#43  
2,4,6-Trichlorophenol  
Concen: 46.83 ng  
RT: 12.622 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:196 Resp: 309176  
Ion Ratio Lower Upper  
196 100  
198 96.6 77.0 115.6  
200 31.2 25.1 37.7

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

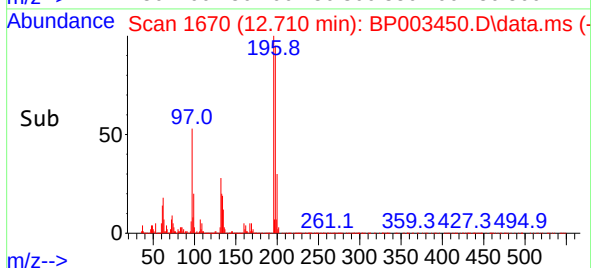
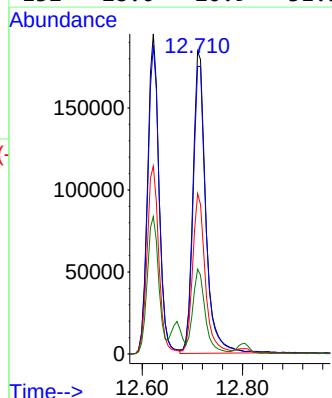
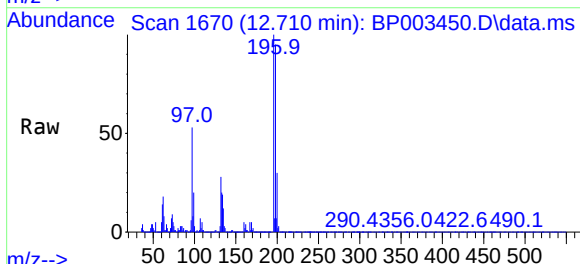
Manual Integrations  
APPROVED

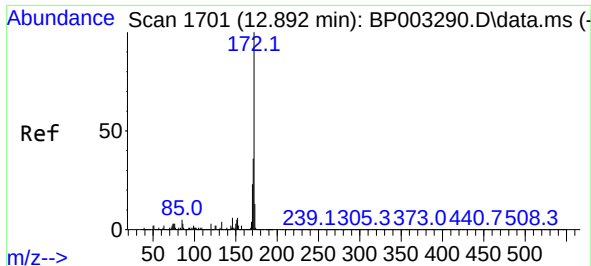
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#44  
2,4,5-Trichlorophenol  
Concen: 48.38 ng  
RT: 12.710 min Scan# 1670  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:196 Resp: 328574  
Ion Ratio Lower Upper  
196 100  
198 95.0 77.3 115.9  
97 53.0 31.0 46.4#  
132 28.0 20.9 31.3





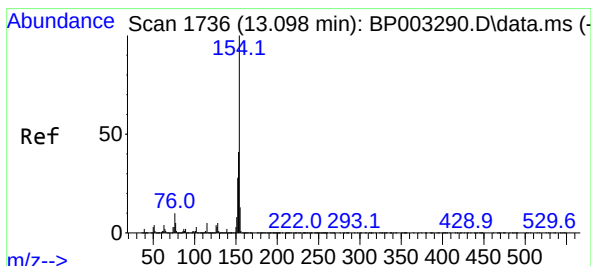
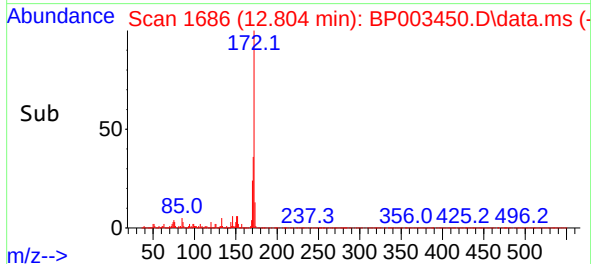
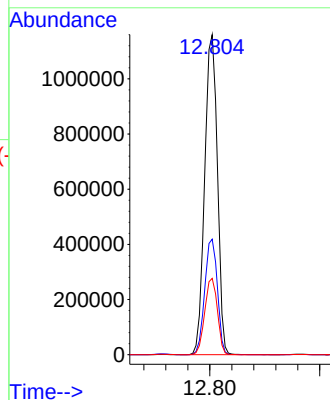
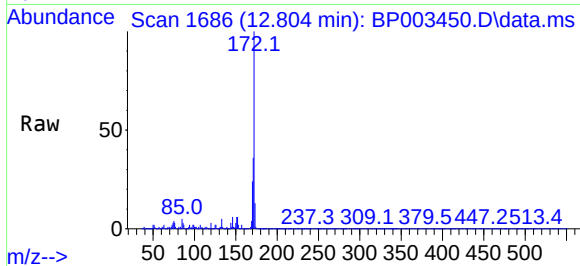
#45  
2-Fluorobiphenyl  
Concen: 87.14 ng  
RT: 12.804 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:172 Resp: 1858400  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.5 42.7  
170 23.9 19.2 28.8

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

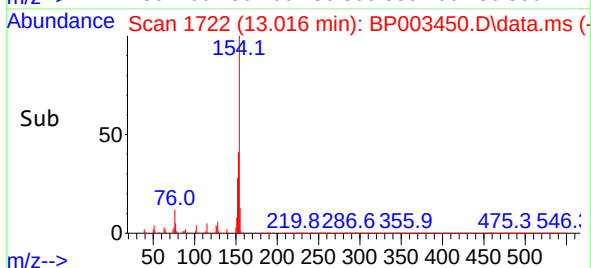
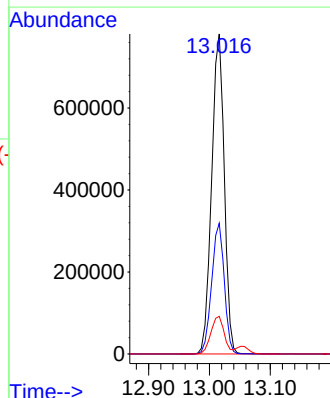
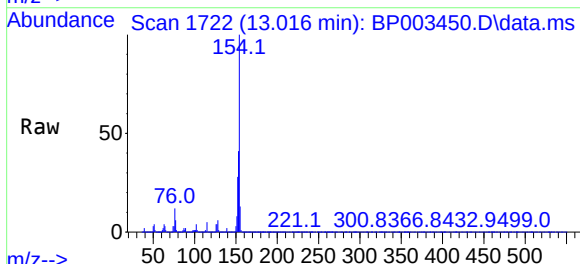
Manual Integrations  
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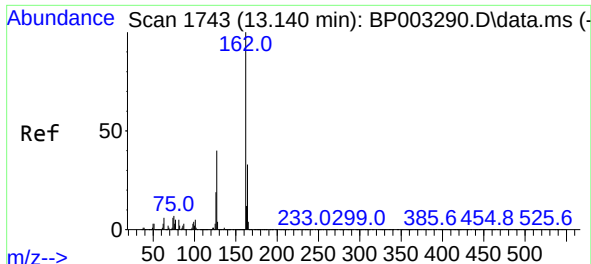
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#46  
1,1'-Biphenyl  
Concen: 48.23 ng  
RT: 13.016 min Scan# 1722  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

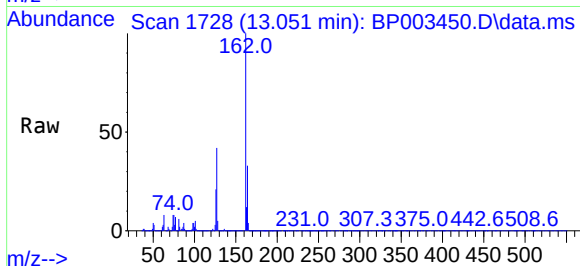
Tgt Ion:154 Resp: 1122018  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.4 60.4  
76 11.8 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 44.89 ng  
RT: 13.051 min Scan# 1728  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

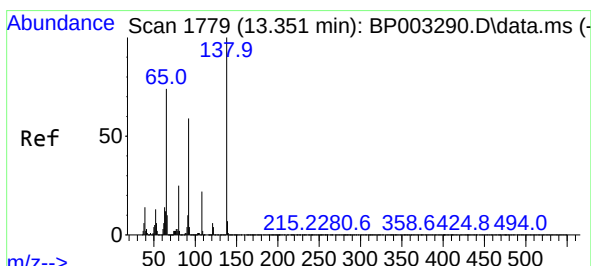
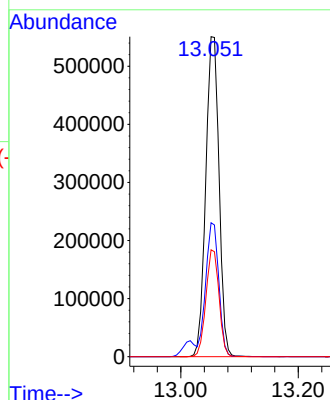
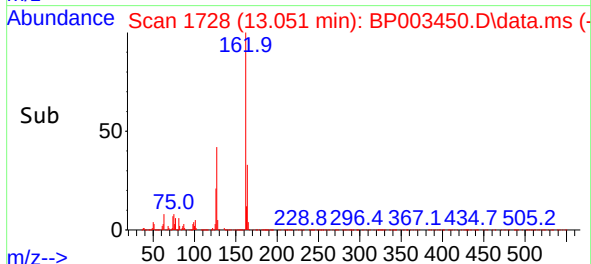
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



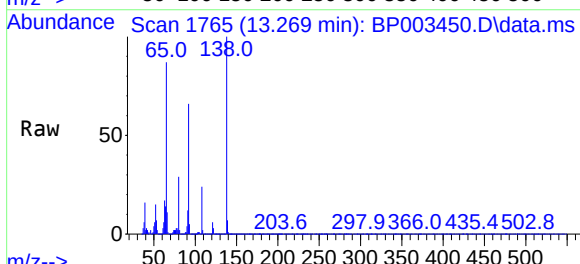
Tgt Ion:162 Resp: 864710  
Ion Ratio Lower Upper  
162 100  
127 41.9 29.9 44.9  
164 33.4 26.1 39.1

Manual Integrations  
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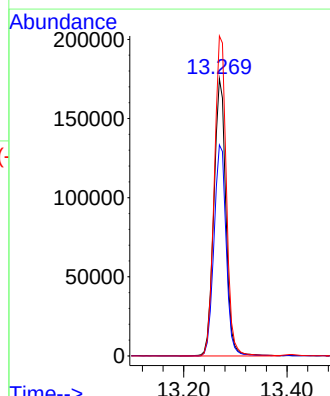
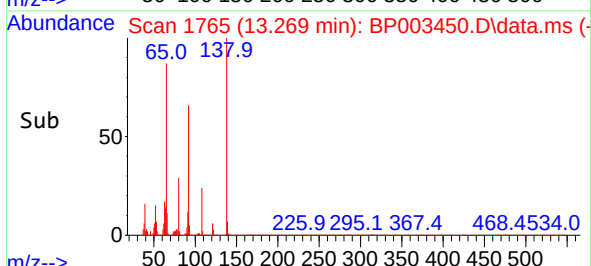
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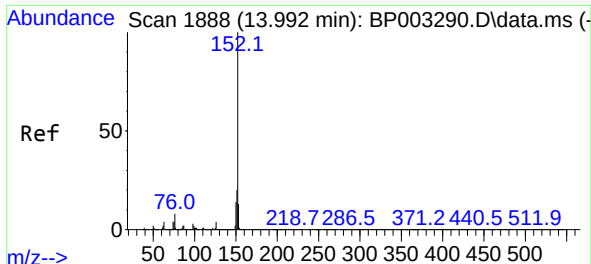


#48  
2-Nitroaniline  
Concen: 57.84 ng  
RT: 13.269 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



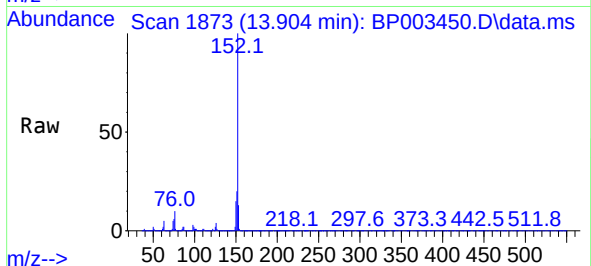
Tgt Ion: 65 Resp: 282003  
Ion Ratio Lower Upper  
65 100  
92 76.2 70.6 106.0  
138 115.5 133.6 200.4#





#49  
Acenaphthylene  
Concen: 48.21 ng  
RT: 13.904 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

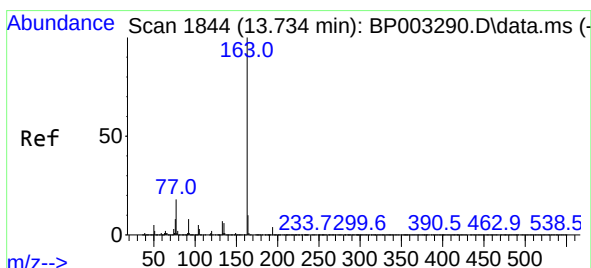
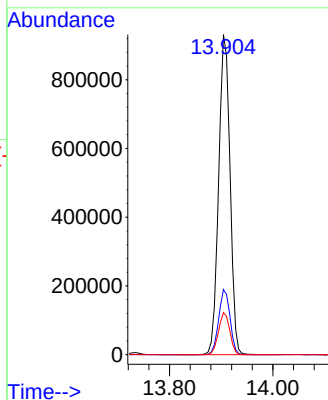
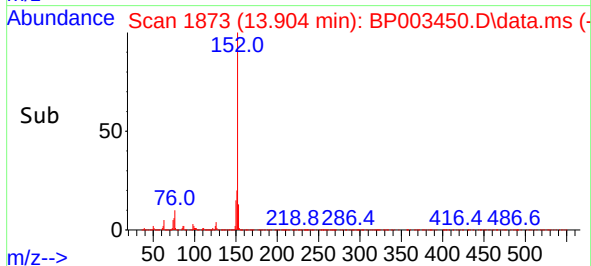
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



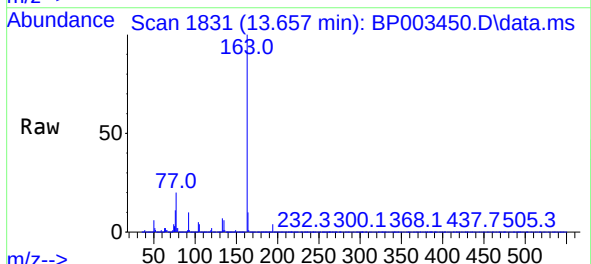
Tgt Ion:152 Resp: 1418947  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.9 23.9  
153 13.1 10.5 15.7

Manual Integrations  
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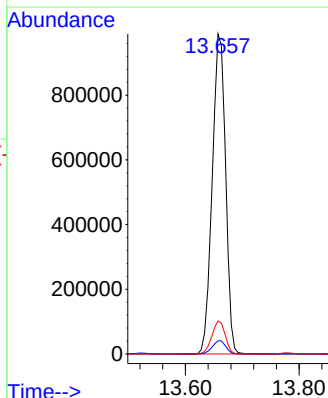
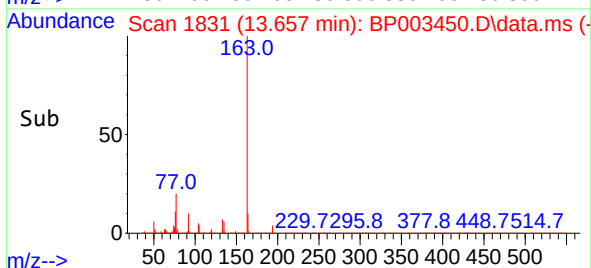
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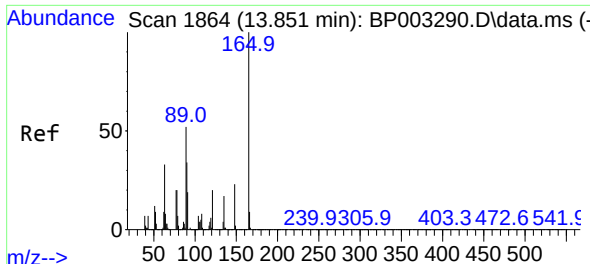


#50  
Dimethylphthalate  
Concen: 64.51 ng  
RT: 13.657 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



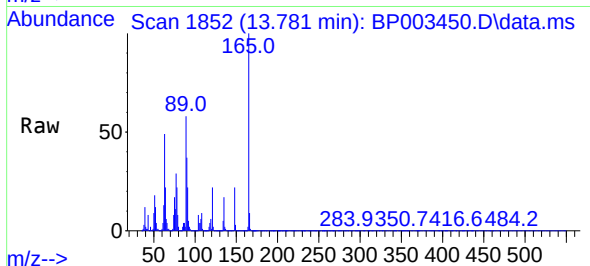
Tgt Ion:163 Resp: 1606667  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.3 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 50.79 ng  
RT: 13.781 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

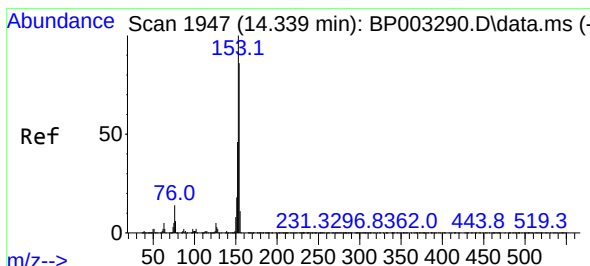
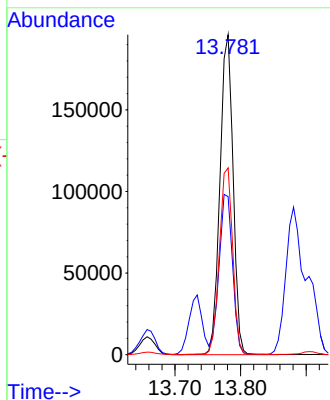
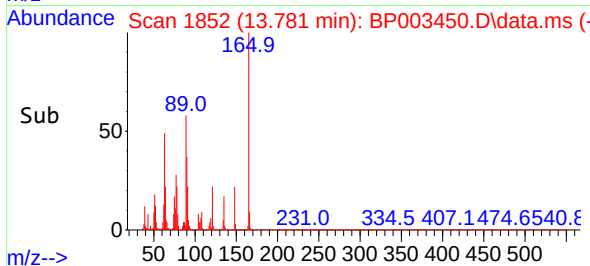
Instrument :  
BNA\_P  
ClientSampled :  
RR-1MSD



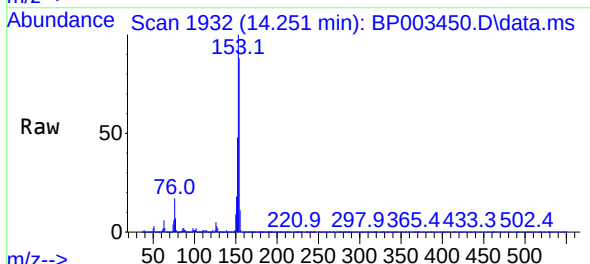
Tgt Ion:165 Resp: 271148  
Ion Ratio Lower Upper  
165 100  
63 49.4 27.8 41.6#  
89 58.4 34.6 52.0#

Manual Integrations  
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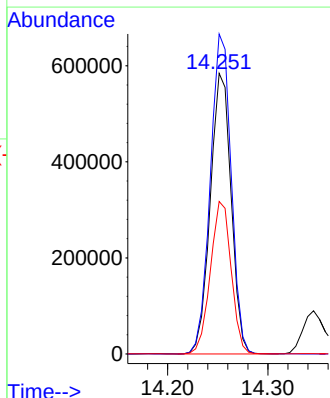
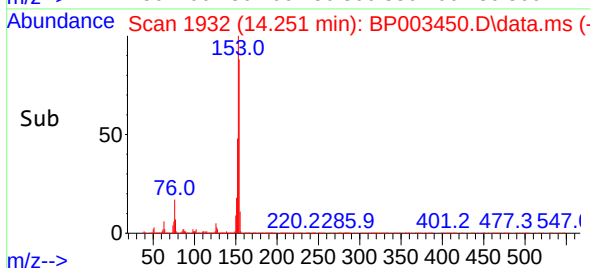
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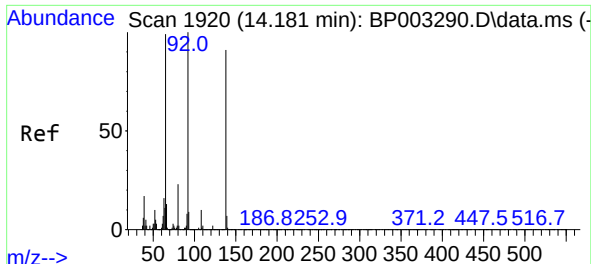


#52  
Acenaphthene  
Concen: 47.17 ng  
RT: 14.251 min Scan# 1932  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



Tgt Ion:154 Resp: 844973  
Ion Ratio Lower Upper  
154 100  
153 114.0 91.0 136.6  
152 54.4 43.0 64.6





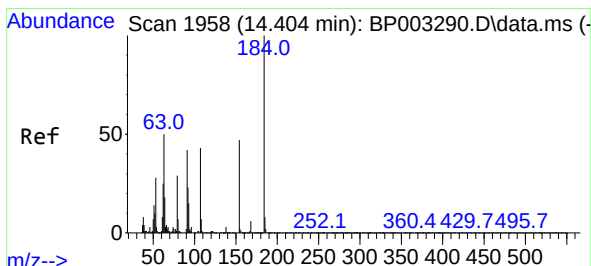
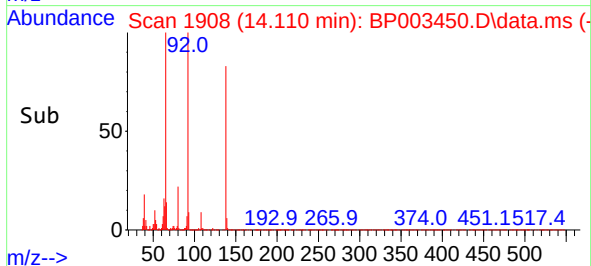
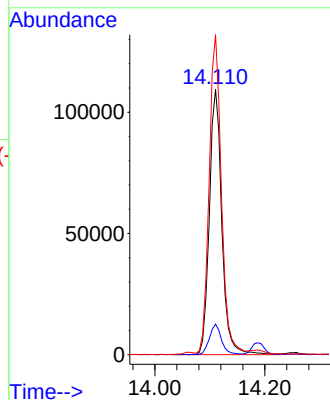
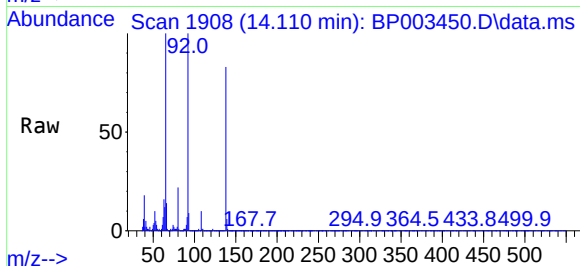
#53  
3-Nitroaniline  
Concen: 29.70 ng  
RT: 14.110 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:138 Resp: 171841  
Ion Ratio Lower Upper  
138 100  
108 11.5 7.5 11.3#  
92 120.6 75.0 112.6#

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

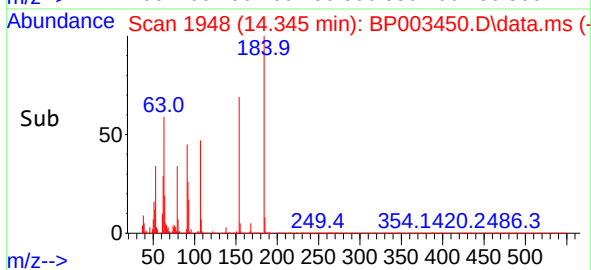
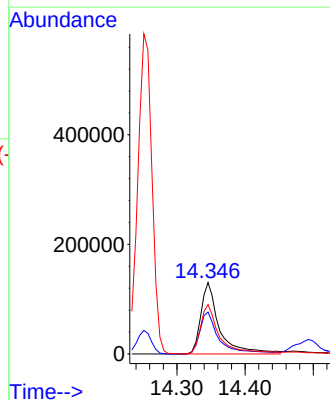
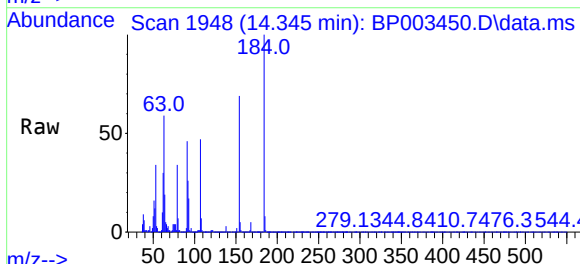
Manual Integrations  
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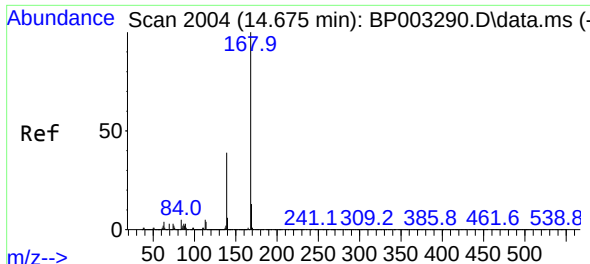
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#54  
2,4-Dinitrophenol  
Concen: 96.32 ng  
RT: 14.345 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

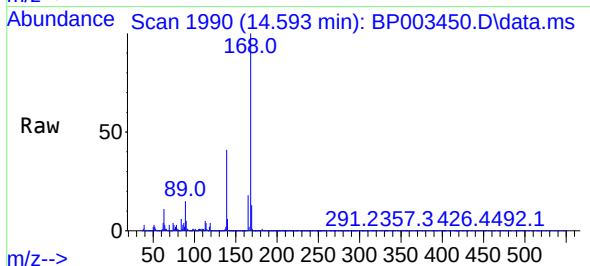
Tgt Ion:184 Resp: 247447  
Ion Ratio Lower Upper  
184 100  
63 58.8 32.3 48.5#  
154 69.0 49.1 73.7





#55  
Dibenzenofuran  
Concen: 45.94 ng  
RT: 14.593 min Scan# 1990  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

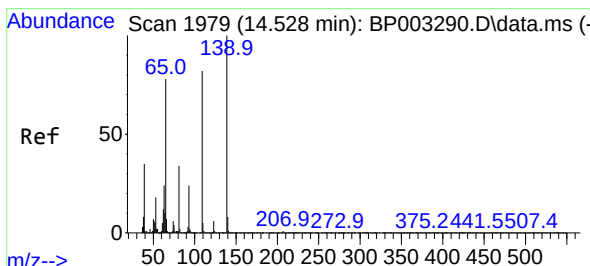
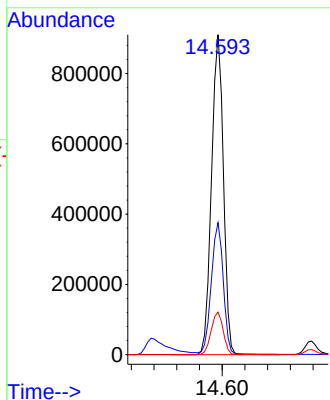
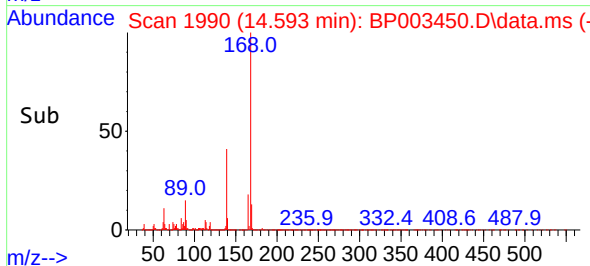
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



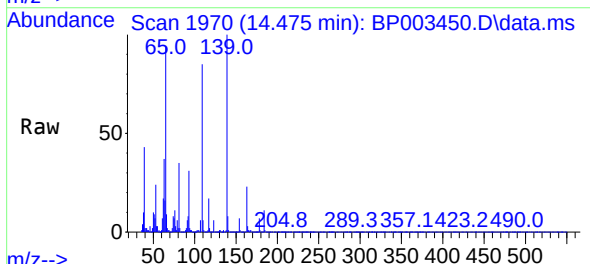
Tgt Ion:168 Resp: 1313508  
Ion Ratio Lower Upper  
168 100  
139 41.3 29.1 43.7  
169 13.3 10.4 15.6

Manual Integrations  
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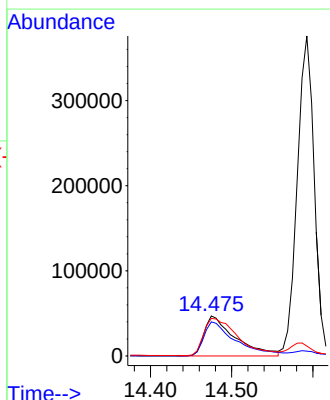
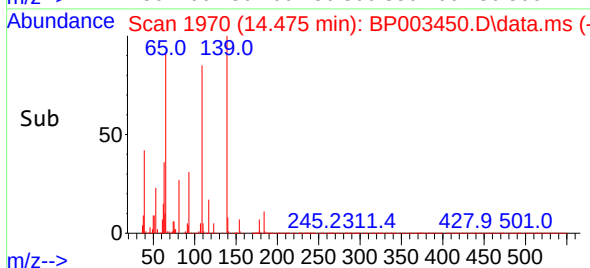
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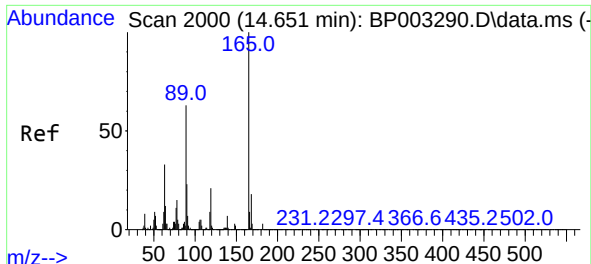
#56  
4-Nitrophenol  
Concen: 35.24 ng  
RT: 14.475 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



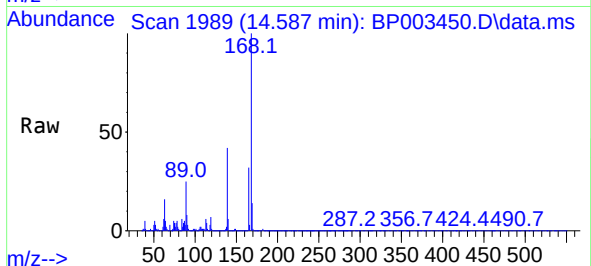
Tgt Ion:139 Resp: 124597  
Ion Ratio Lower Upper  
139 100  
109 85.2 44.6 84.6#  
65 94.2 41.6 81.6#



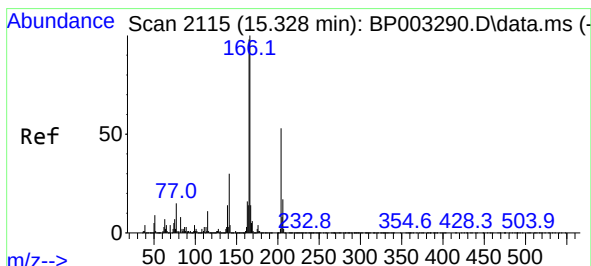
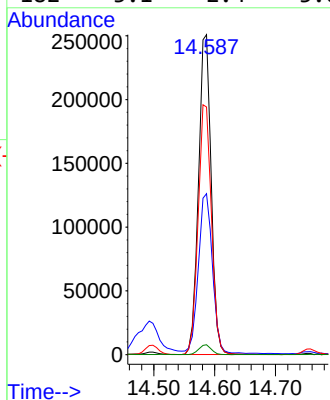
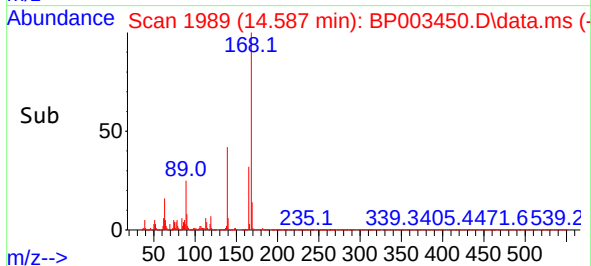




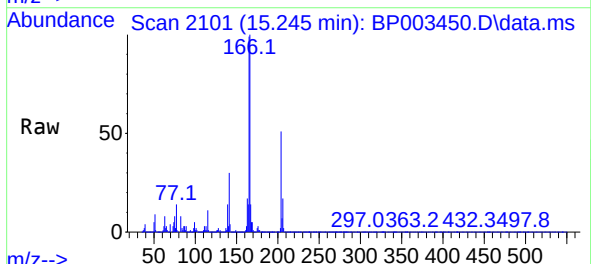
#57  
2,4-Dinitrotoluene  
Concen: 48.98 ng  
RT: 14.587 min Scan# 1989  
Delta R.T. 0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



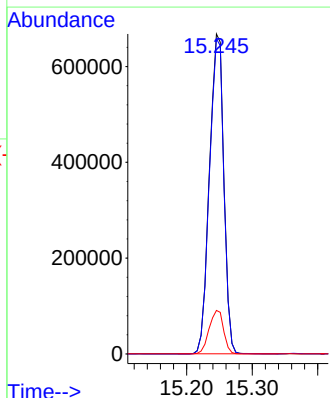
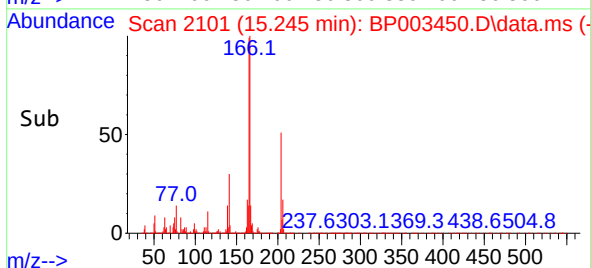
Tgt Ion:165 Resp: 362670  
Ion Ratio Lower Upper  
165 100  
63 50.3 20.6 31.0#  
89 77.4 42.6 63.8#  
182 3.1 2.4 3.6



#58  
Fluorene  
Concen: 44.96 ng  
RT: 15.245 min Scan# 2101  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



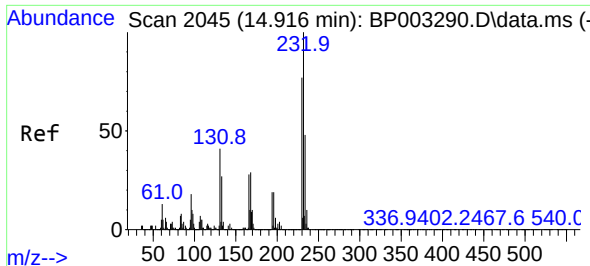
Tgt Ion:166 Resp: 1015255  
Ion Ratio Lower Upper  
166 100  
165 98.5 77.8 116.8  
167 13.6 11.0 16.4



Instrument :  
BNA\_P  
ClientSampleId :  
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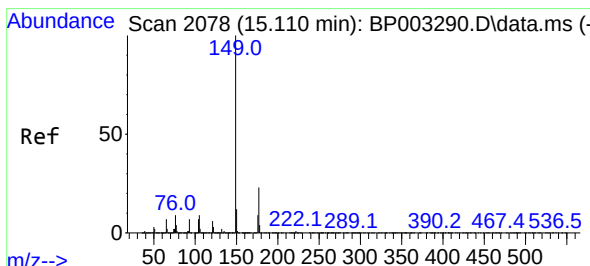
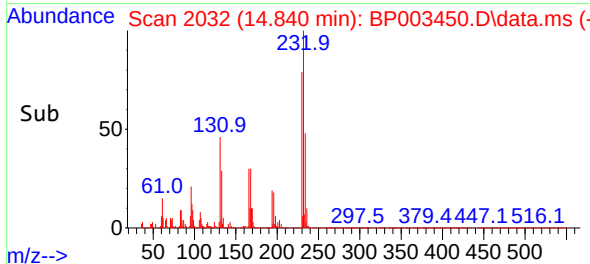
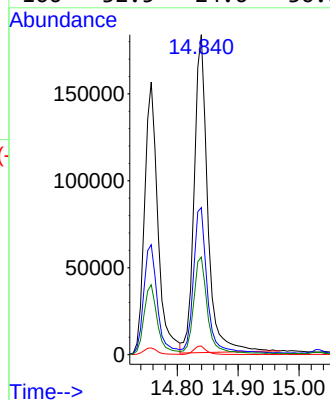
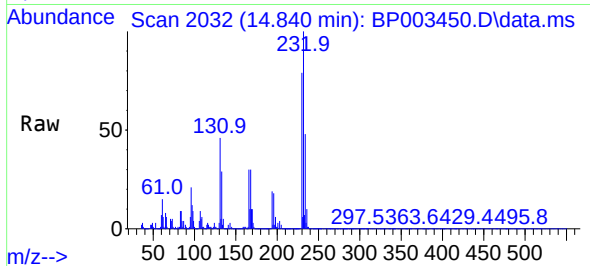
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.09 ng  
RT: 14.840 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 281577 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 48.1  | 34.1  | 51.1   |
| 130       | 2.6   | 1.8   | 2.8    |
| 166       | 32.5  | 24.6  | 36.8   |

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

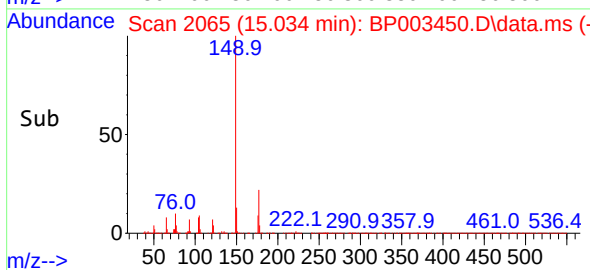
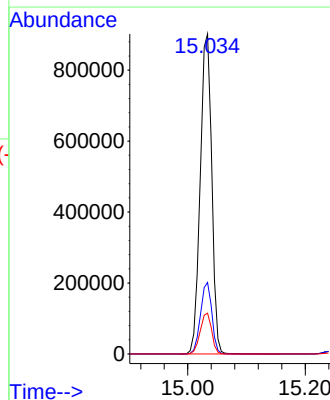
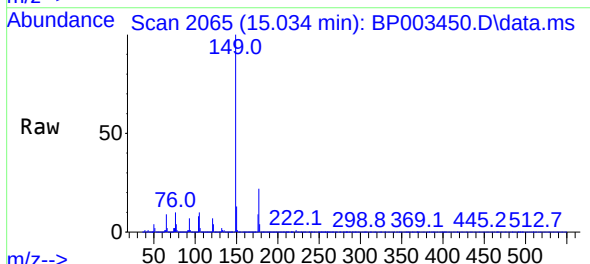
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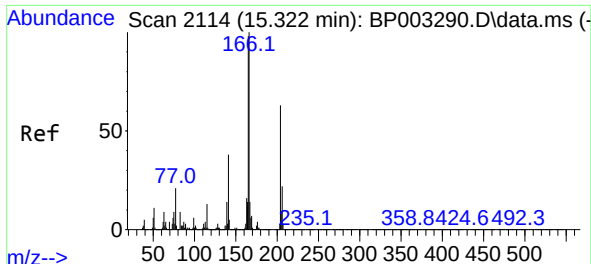
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#60  
Diethylphthalate  
Concen: 48.23 ng  
RT: 15.034 min Scan# 2065  
Delta R.T. -0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

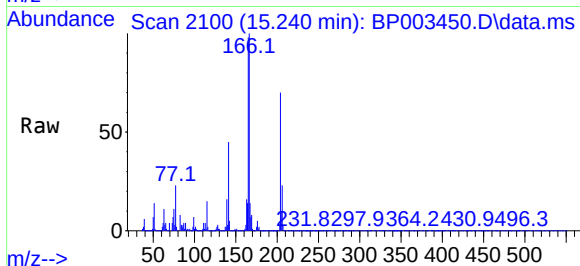
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1225193 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 22.4  | 18.0  | 27.0    |
| 150       | 12.8  | 10.0  | 15.0    |





#61  
4-Chlorophenyl-phenylether  
Concen: 41.72 ng  
RT: 15.240 min Scan# 2100  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

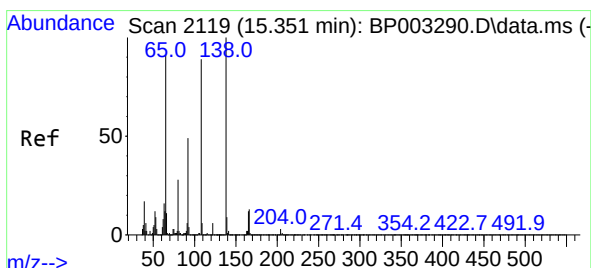
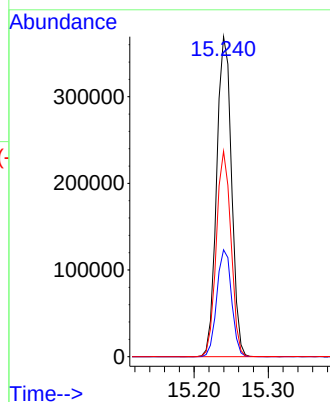
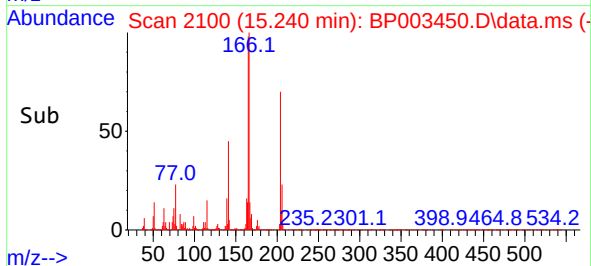
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



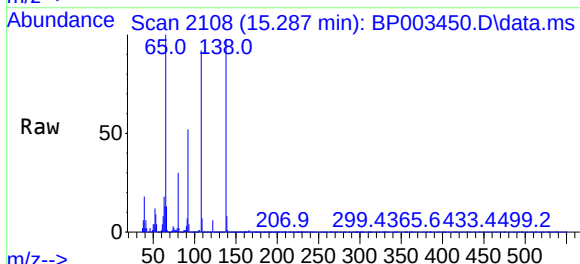
Tgt Ion:204 Resp: 514224  
Ion Ratio Lower Upper  
204 100  
206 33.4 25.9 38.9  
141 64.2 46.5 69.7

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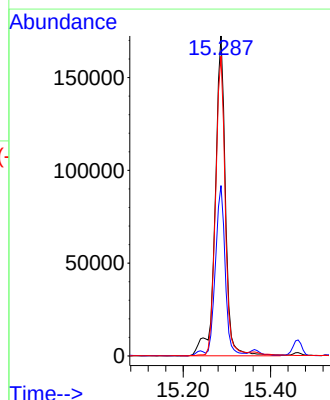
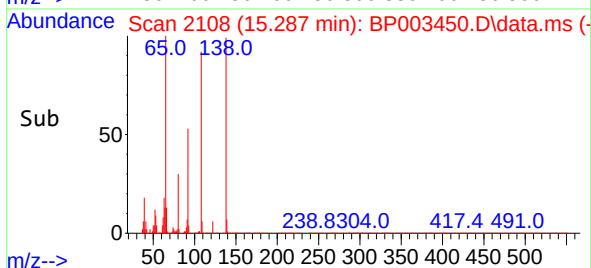
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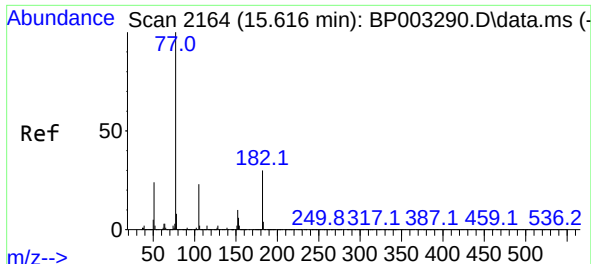


#62  
4-Nitroaniline  
Concen: 45.98 ng  
RT: 15.287 min Scan# 2108  
Delta R.T. 0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



Tgt Ion:138 Resp: 282316  
Ion Ratio Lower Upper  
138 100  
92 53.2 20.7 60.7  
108 93.7 47.8 87.8#





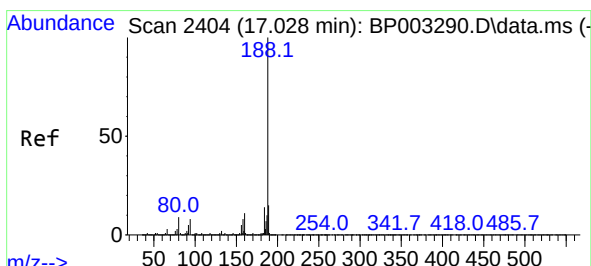
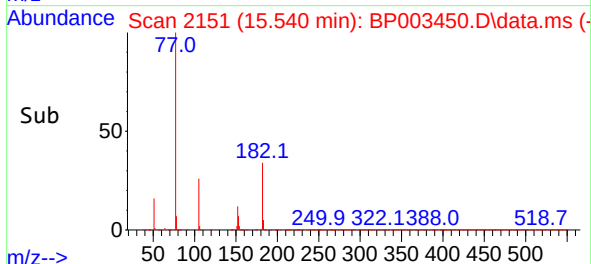
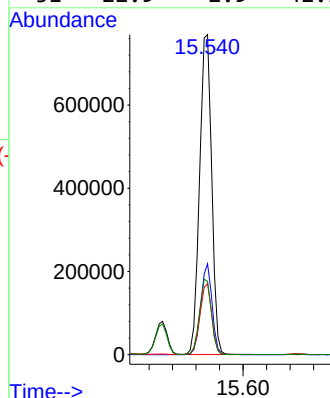
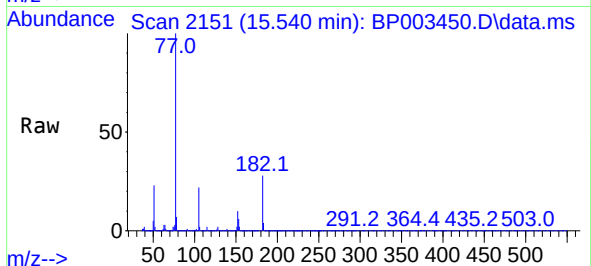
#63  
Azobenzene  
Concen: 56.66 ng  
RT: 15.540 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 77 Resp: 1097302  
Ion Ratio Lower Upper  
77 100  
182 28.4 16.9 56.9  
105 22.2 5.6 45.6  
51 22.9 2.9 42.9

Instrument :  
BNA\_P  
ClientSampled :  
RR-1MSD

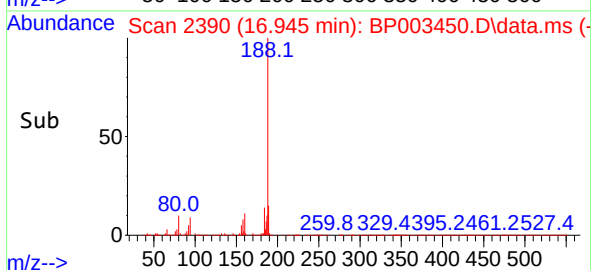
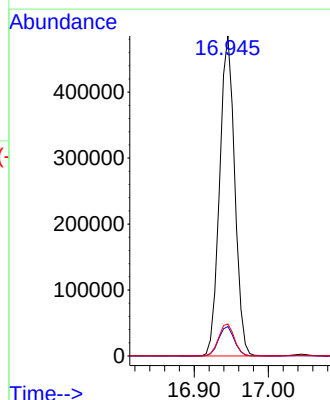
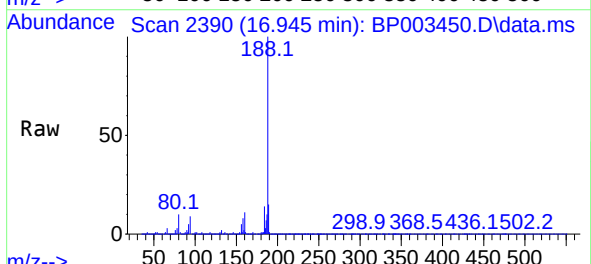
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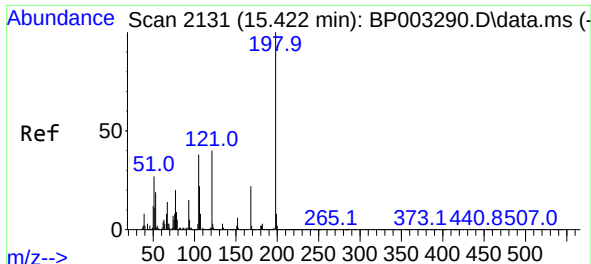
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.945 min Scan# 2390  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
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Tgt Ion: 188 Resp: 687270  
Ion Ratio Lower Upper  
188 100  
94 9.2 6.2 9.2  
80 10.0 6.2 9.2#





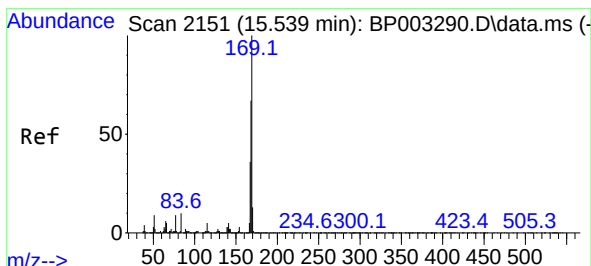
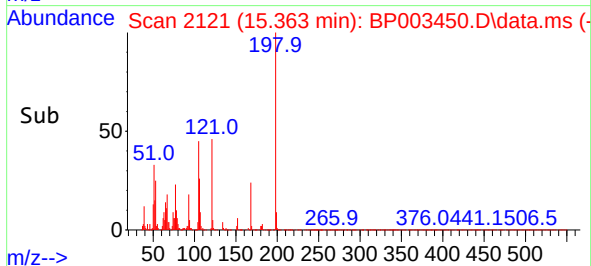
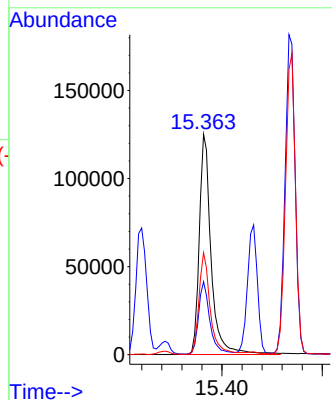
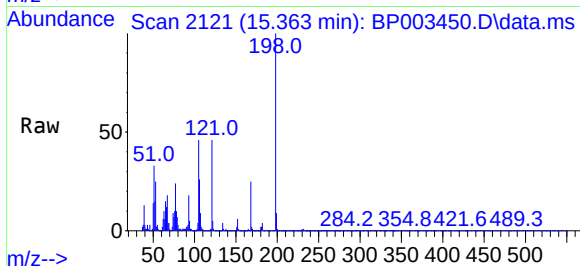
#65  
4,6-Dinitro-2-methylphenol  
Concen: 56.51 ng  
RT: 15.363 min Scan# 2121  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:198 Resp: 204931  
Ion Ratio Lower Upper  
198 100  
51 33.1 6.4 46.4  
105 46.2 18.9 58.9

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

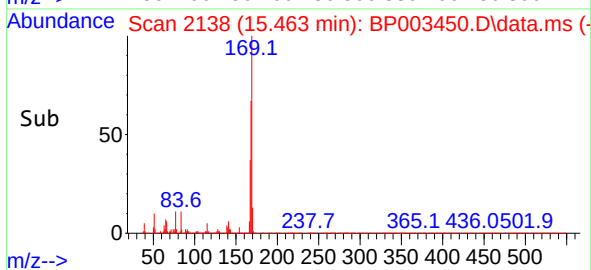
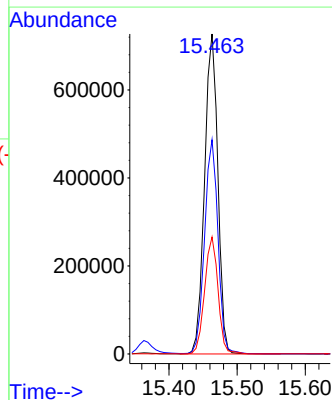
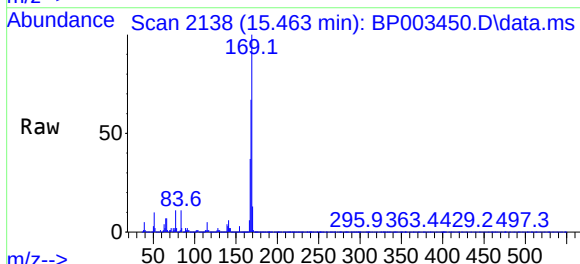
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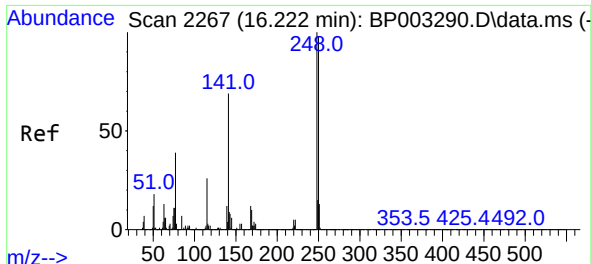
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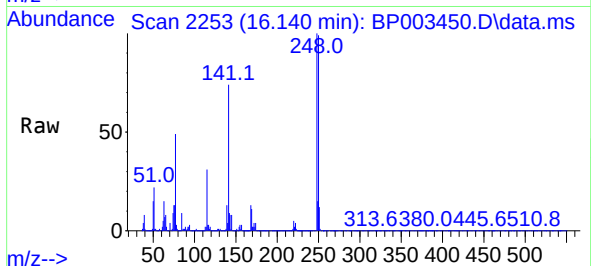
#66  
n-Nitrosodiphenylamine  
Concen: 48.79 ng  
RT: 15.463 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:169 Resp: 984887  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.8 80.6  
167 36.6 28.9 43.3

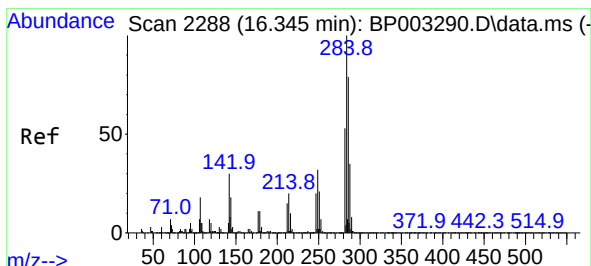
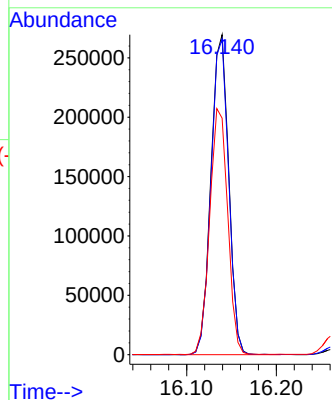
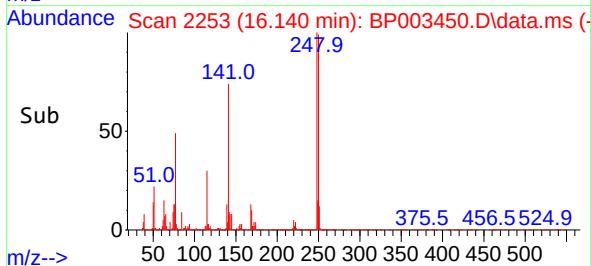




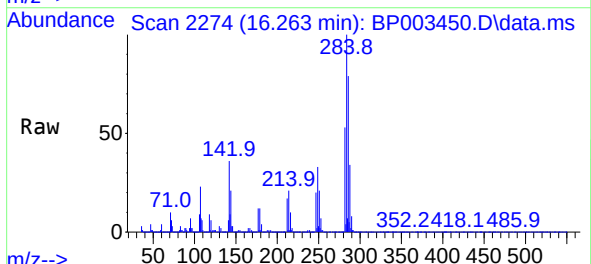
#67  
4-Bromophenyl-phenylether  
Concen: 44.52 ng  
RT: 16.140 min Scan# 2253  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



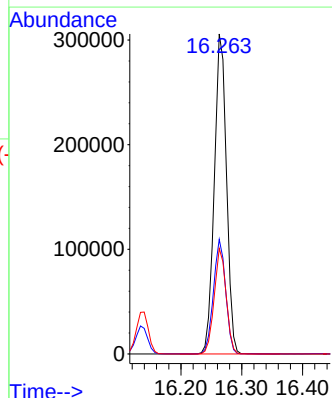
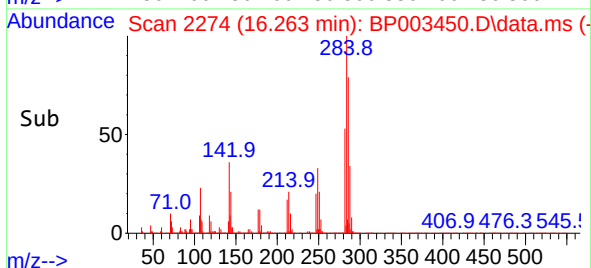
Tgt Ion:248 Resp: 369862  
Ion Ratio Lower Upper  
248 100  
250 98.6 76.7 115.1  
141 73.9 53.0 79.6



#68  
Hexachlorobenzene  
Concen: 43.03 ng  
RT: 16.263 min Scan# 2274  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



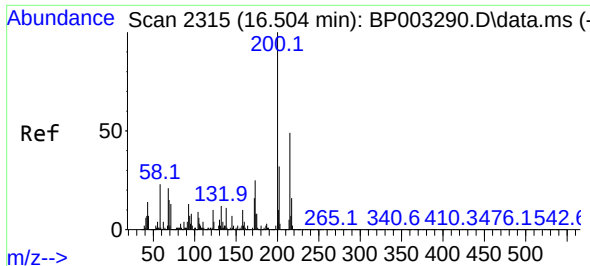
Tgt Ion:284 Resp: 424703  
Ion Ratio Lower Upper  
284 100  
142 35.8 24.2 36.4  
249 33.0 23.8 35.8



Instrument :  
BNA\_P  
ClientSampleId :  
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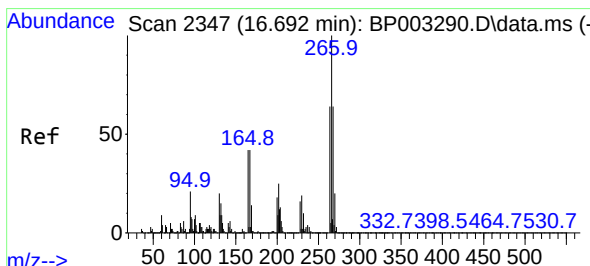
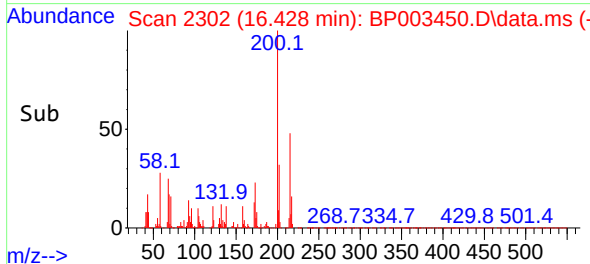
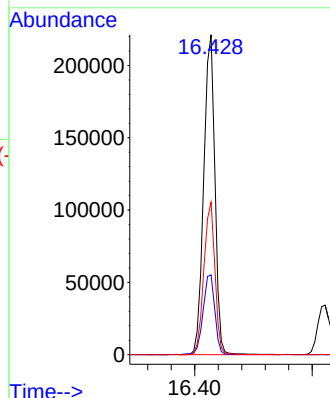
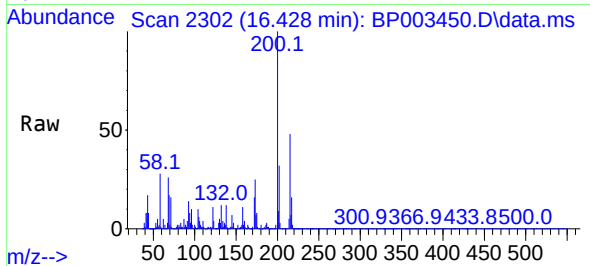
#69  
Atrazine  
Concen: 36.91 ng  
RT: 16.428 min Scan# 2302  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:200 Resp: 292259  
Ion Ratio Lower Upper  
200 100  
173 24.9 5.9 45.9  
215 47.6 28.4 68.4

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

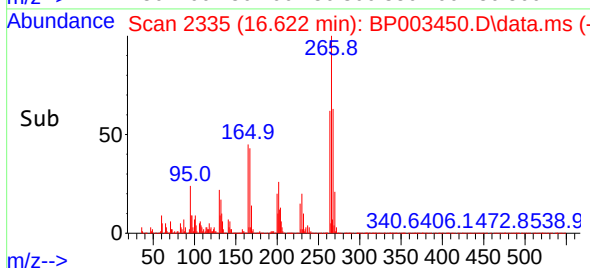
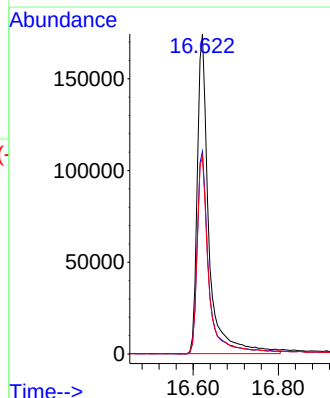
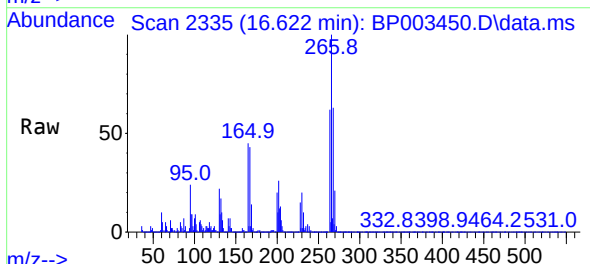
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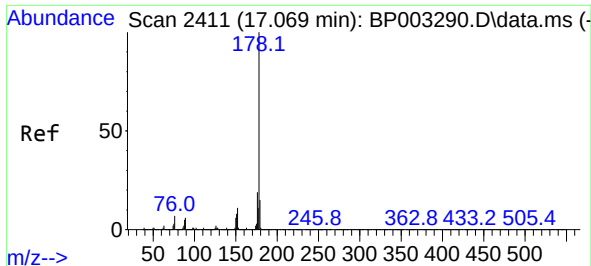
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#70  
Pentachlorophenol  
Concen: 78.06 ng  
RT: 16.622 min Scan# 2335  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

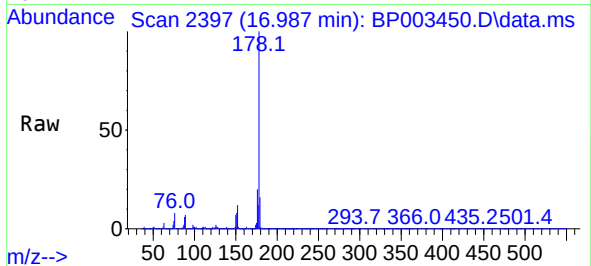
Tgt Ion:266 Resp: 329941  
Ion Ratio Lower Upper  
266 100  
268 63.2 51.1 76.7  
264 61.7 50.6 76.0





#71  
Phenanthrene  
Concen: 47.24 ng  
RT: 16.987 min Scan# 2397  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

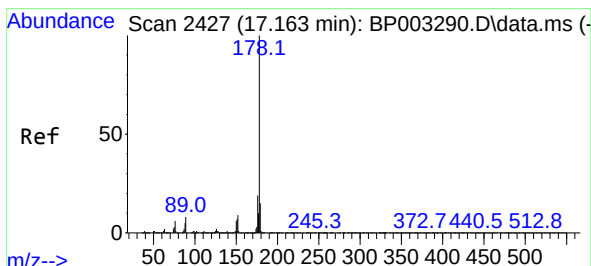
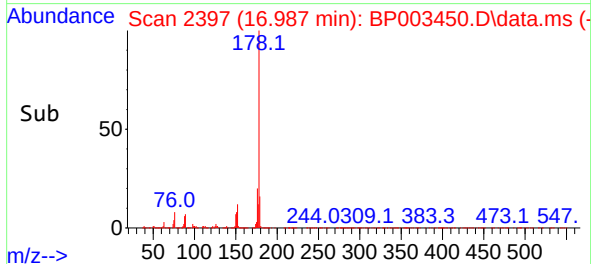
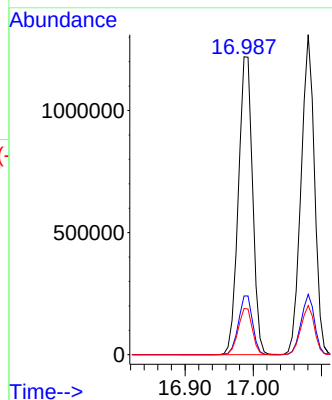
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



Tgt Ion:178 Resp: 1766582  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.3 22.9  
179 15.5 12.5 18.7

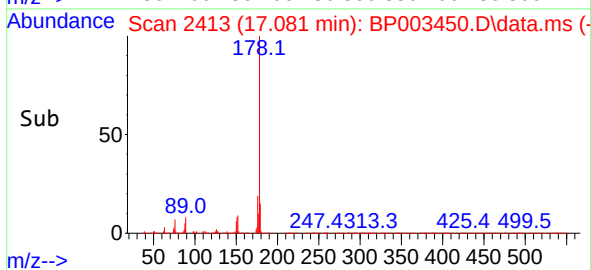
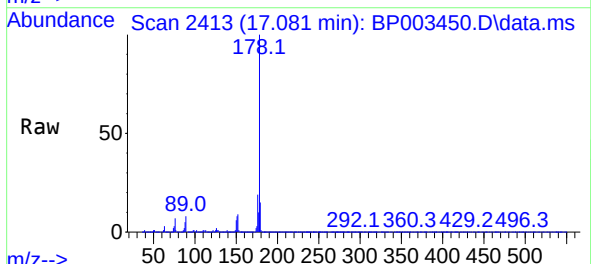
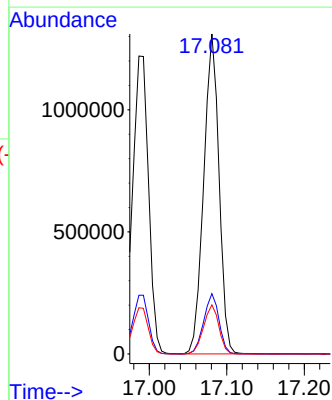
Manual Integrations  
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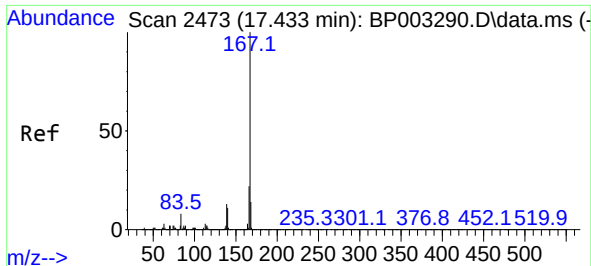


#72  
Anthracene  
Concen: 48.74 ng  
RT: 17.081 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:178 Resp: 1796281  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 15.4 12.5 18.7

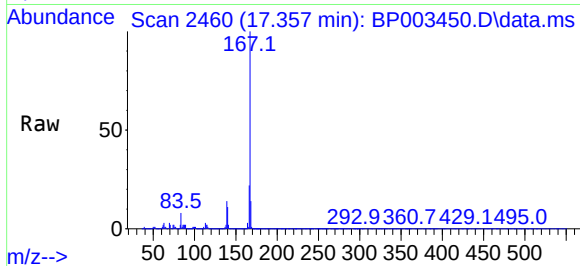






#73  
Carbazole  
Concen: 48.09 ng  
RT: 17.357 min Scan# 2460  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

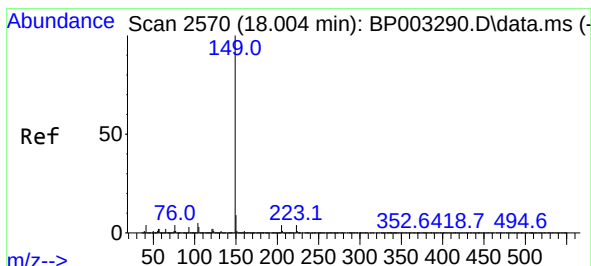
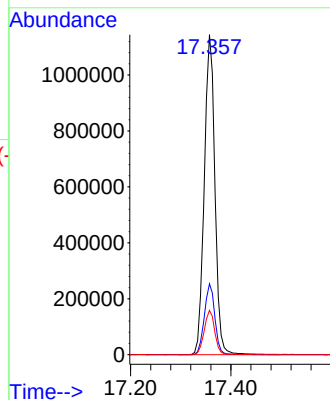
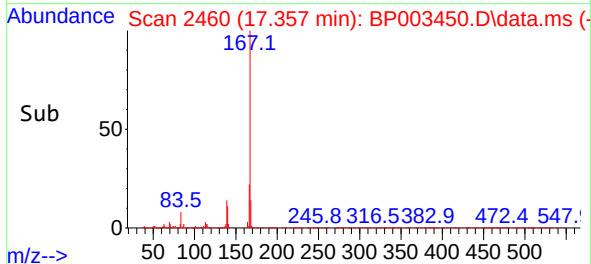


Tgt Ion:167 Resp: 1683223

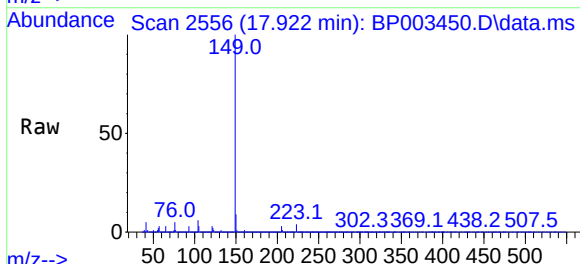
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.2  | 17.6  | 26.4  |
| 139 | 13.8  | 10.2  | 15.4  |

Manual Integrations  
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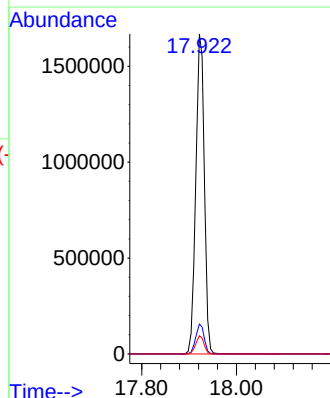
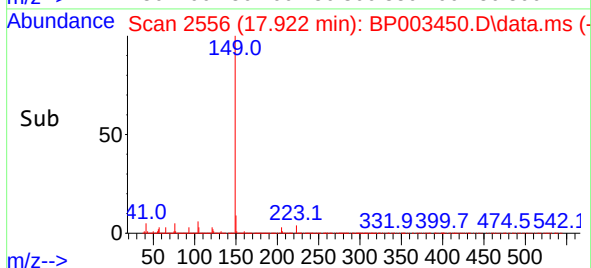


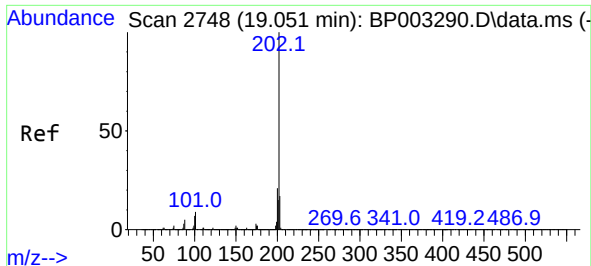
#74  
Di-n-butylphthalate  
Concen: 46.60 ng  
RT: 17.922 min Scan# 2556  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



Tgt Ion:149 Resp: 2085423

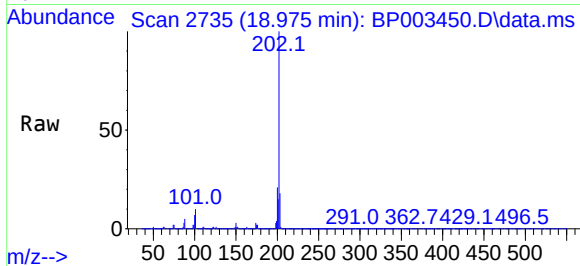
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.3   | 10.9  |
| 104 | 5.7   | 3.4   | 5.0   |





#75  
Fluoranthene  
Concen: 45.69 ng  
RT: 18.975 min Scan# 2735  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

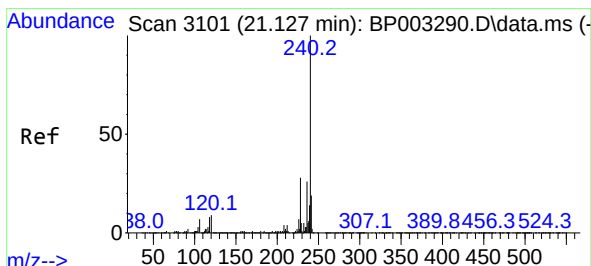
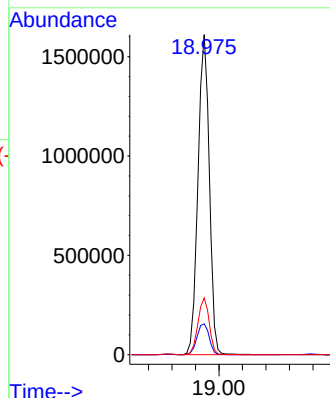
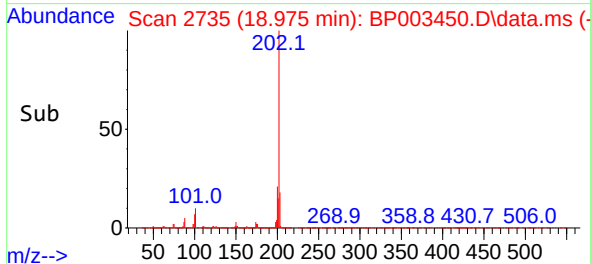
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



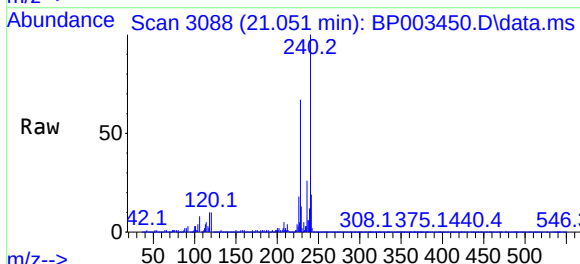
Tgt Ion:202 Resp: 2148342  
Ion Ratio Lower Upper  
202 100  
101 9.6 0.0 29.4  
203 17.8 0.0 37.8

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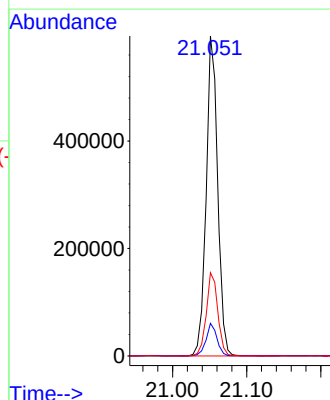
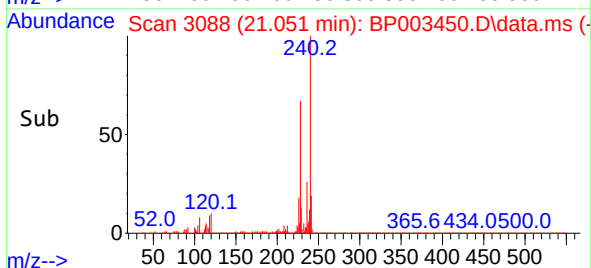
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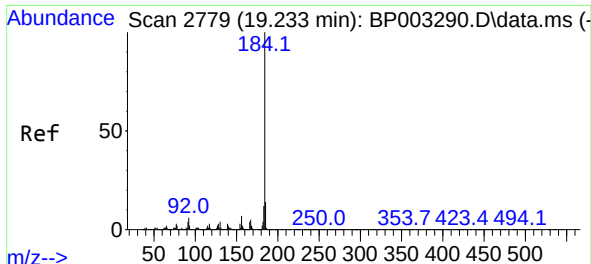


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.051 min Scan# 3088  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



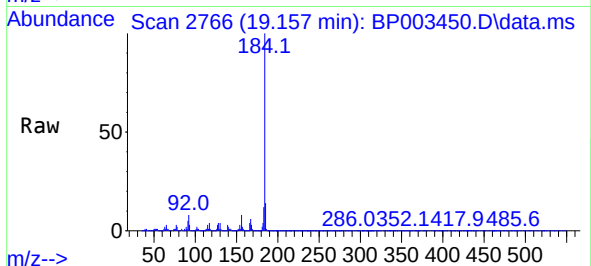
Tgt Ion:240 Resp: 641325  
Ion Ratio Lower Upper  
240 100  
120 10.2 7.8 11.6  
236 26.0 20.8 31.2





#77  
Benzidine  
Concen: 30.84 ng  
RT: 19.157 min Scan# 2766  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

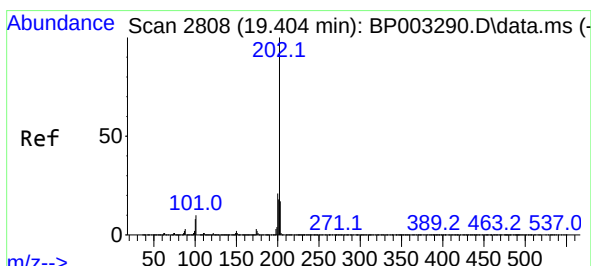
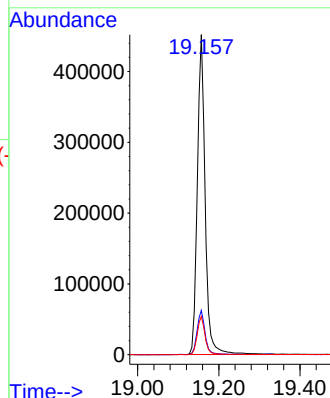
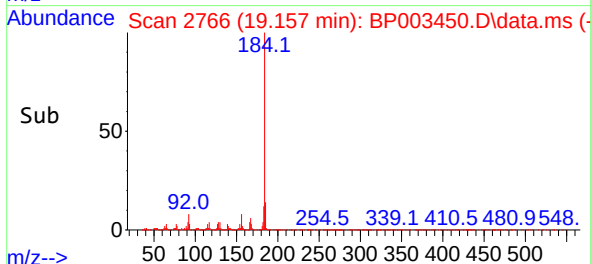
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



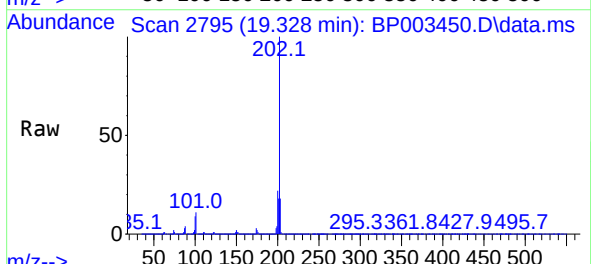
Tgt Ion:184 Resp: 613297  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.5 17.3  
183 11.9 9.6 14.4

Manual Integrations  
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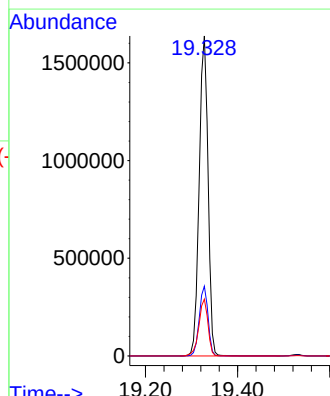
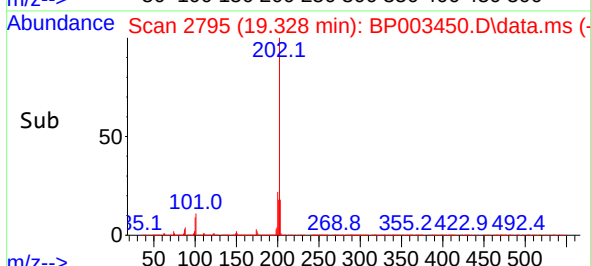
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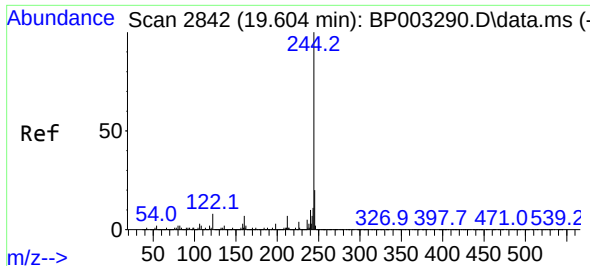


#78  
Pyrene  
Concen: 54.52 ng  
RT: 19.328 min Scan# 2795  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



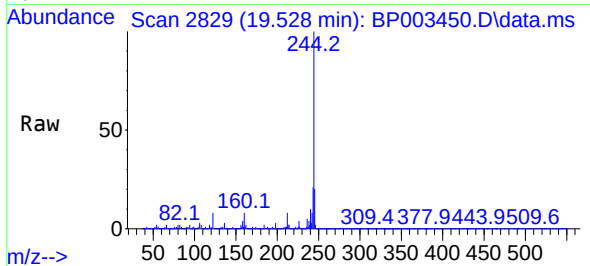
Tgt Ion:202 Resp: 2180462  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.1 25.7  
203 17.8 14.2 21.2





#79  
Terphenyl-d14  
Concen: 84.80 ng  
RT: 19.528 min Scan# 2829  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

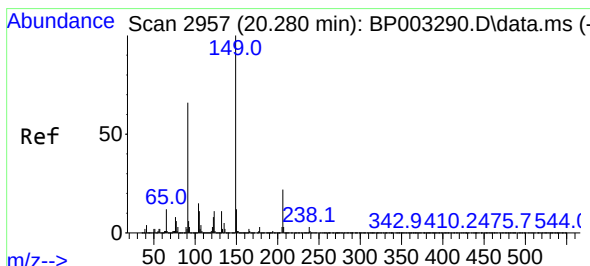
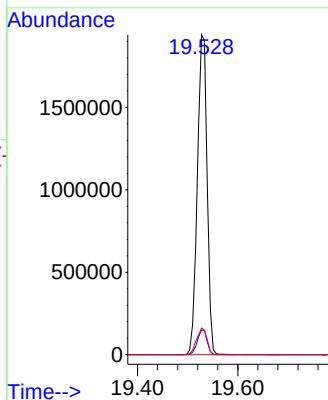
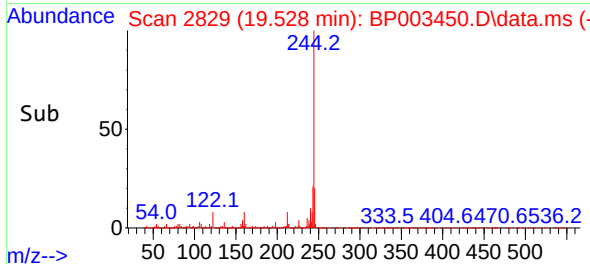
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



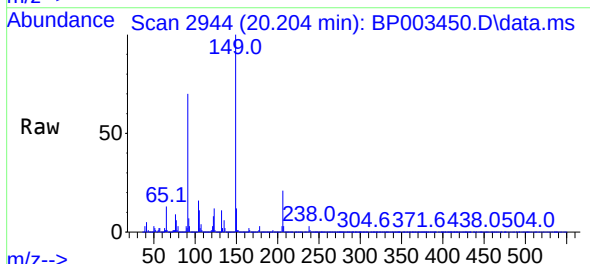
Tgt Ion:244 Resp: 2610298  
Ion Ratio Lower Upper  
244 100  
212 7.7 5.8 8.6  
122 8.4 7.8 11.8

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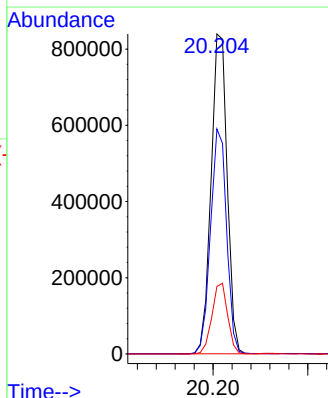
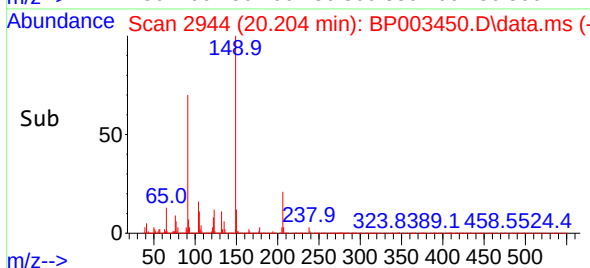
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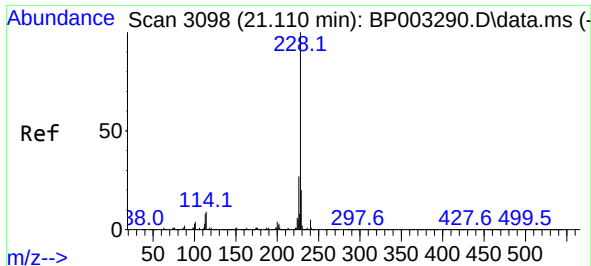


#80  
Butylbenzylphthalate  
Concen: 54.31 ng  
RT: 20.204 min Scan# 2944  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



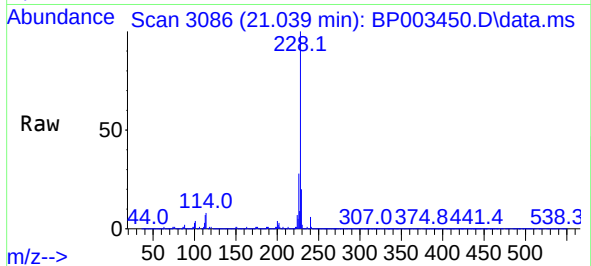
Tgt Ion:149 Resp: 993783  
Ion Ratio Lower Upper  
149 100  
91 70.3 45.4 68.0#  
206 21.1 17.1 25.7





#81  
Benzo(a)anthracene  
Concen: 47.98 ng  
RT: 21.039 min Scan# 3086  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

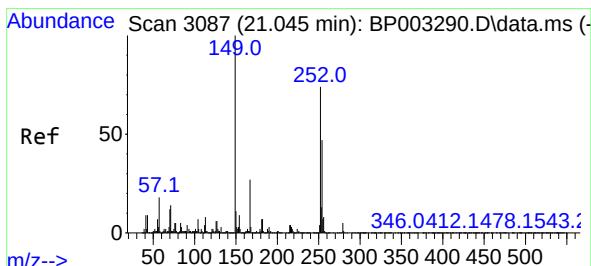
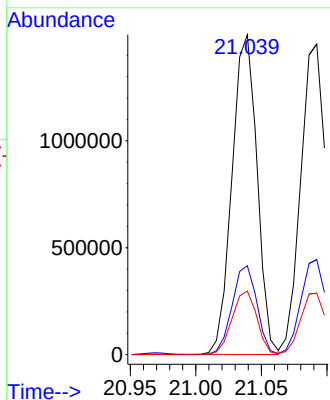
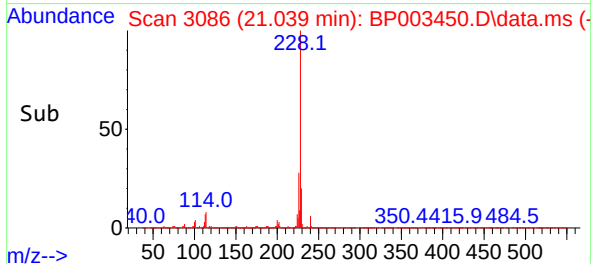
Instrument :  
BNA\_P  
ClientSampled :  
RR-1MSD



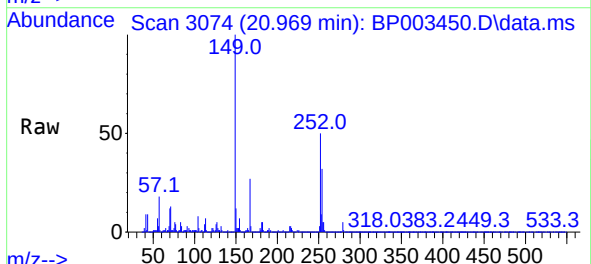
Tgt Ion:228 Resp: 1989039  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.1 33.1  
229 19.9 15.9 23.9

Manual Integrations  
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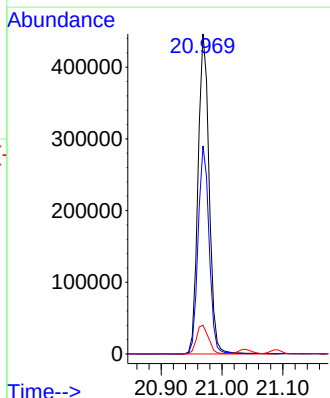
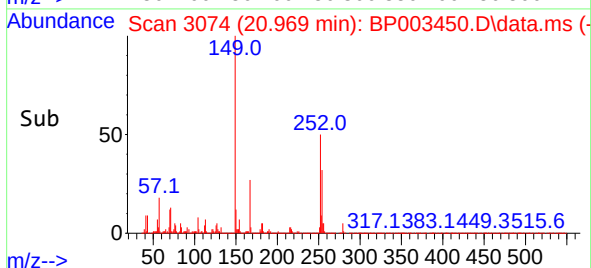
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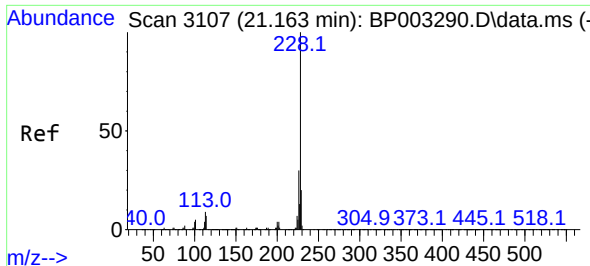


#82  
3,3'-Dichlorobenzidine  
Concen: 35.04 ng  
RT: 20.969 min Scan# 3074  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



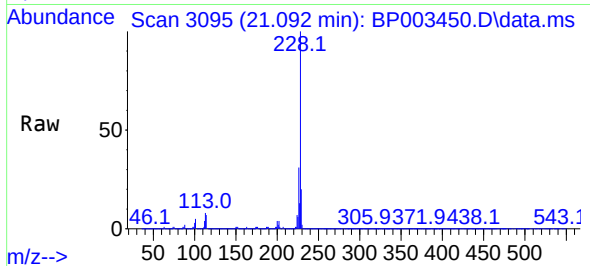
Tgt Ion:252 Resp: 561421  
Ion Ratio Lower Upper  
252 100  
254 65.0 51.0 76.4  
126 9.0 7.9 11.9





#83  
Chrysene  
Concen: 48.23 ng  
RT: 21.092 min Scan# 3095  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

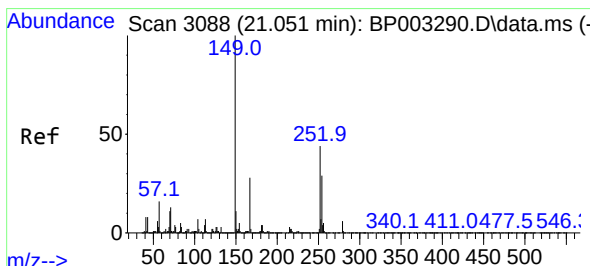
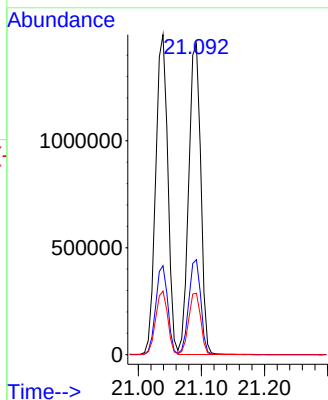
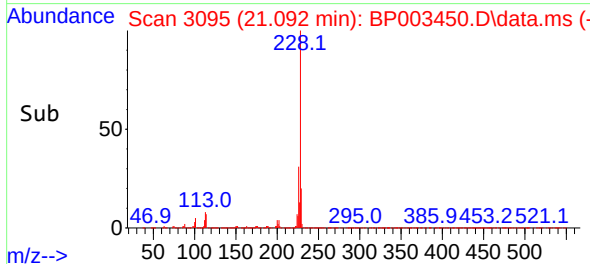
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



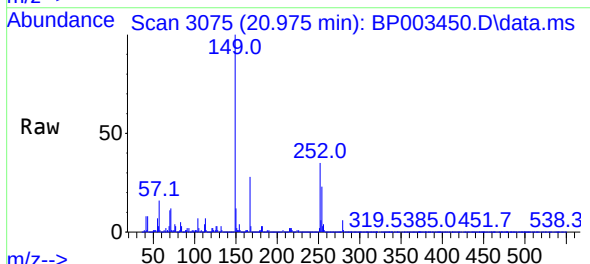
Tgt Ion:228 Resp: 1920803  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.4 36.6  
229 19.8 15.8 23.6

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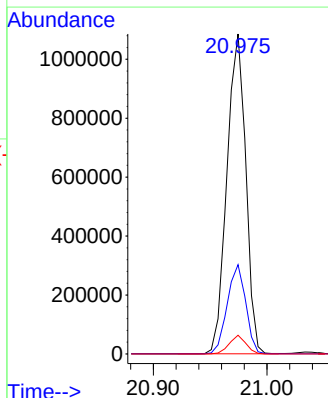
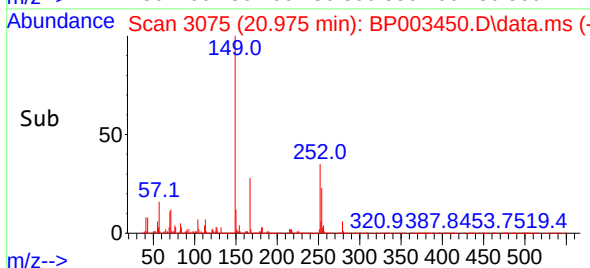
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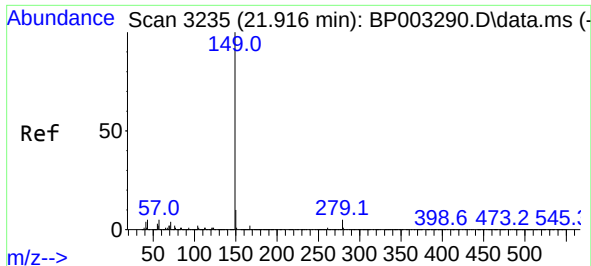


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.62 ng  
RT: 20.975 min Scan# 3075  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



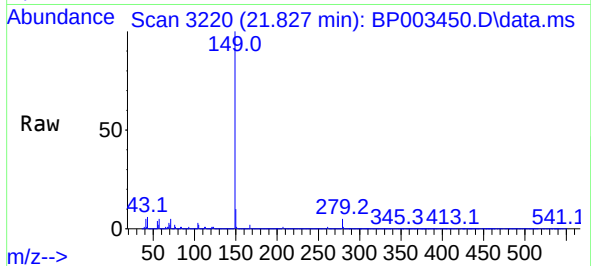
Tgt Ion:149 Resp: 1252500  
Ion Ratio Lower Upper  
149 100  
167 27.9 22.6 34.0  
279 5.8 4.2 6.2





#85  
Di-n-octyl phthalate  
Concen: 52.38 ng  
RT: 21.827 min Scan# 3220  
Delta R.T. -0.012 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

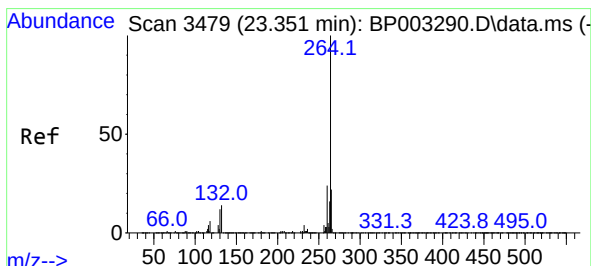
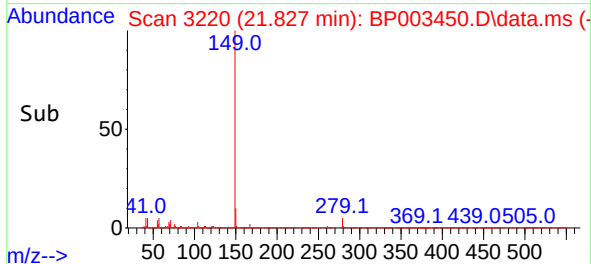
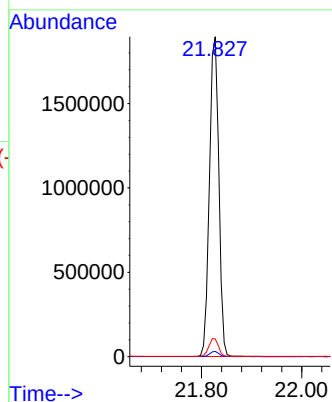
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



Tgt Ion:149 Resp: 2465775  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 5.7 3.7 5.5#

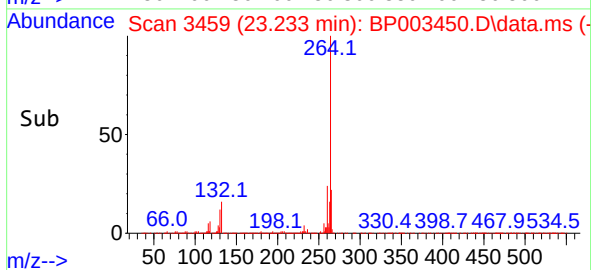
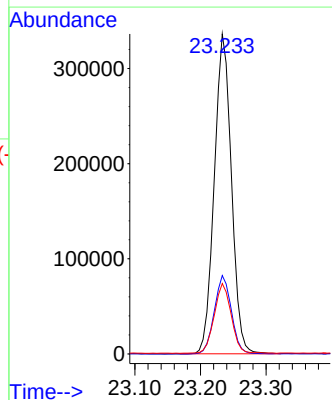
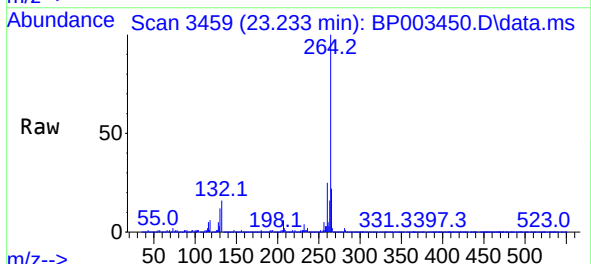
Manual Integrations  
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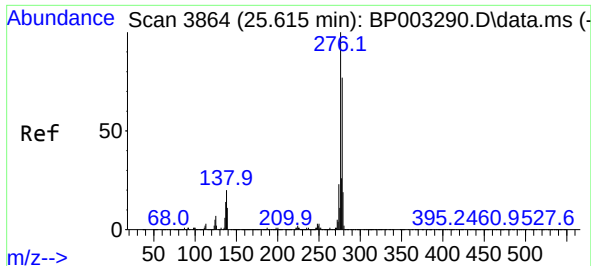
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.233 min Scan# 3459  
Delta R.T. -0.024 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:264 Resp: 608793  
Ion Ratio Lower Upper  
264 100  
260 24.5 18.8 28.2  
265 22.0 17.4 26.2





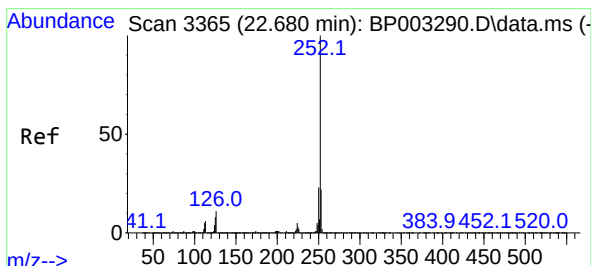
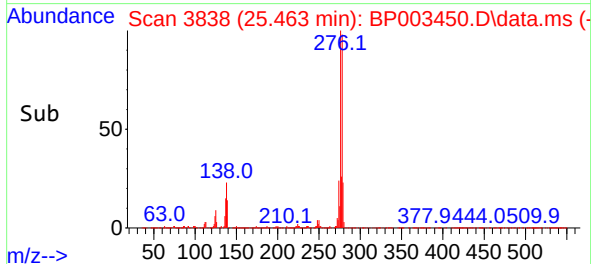
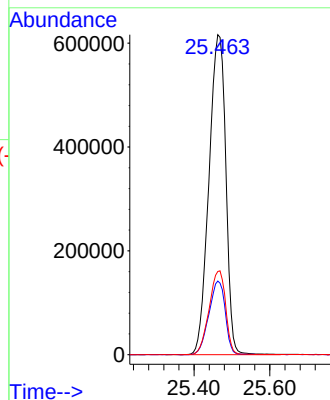
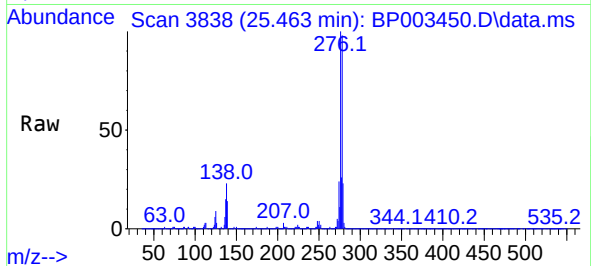
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.12 ng  
RT: 25.463 min Scan# 3838  
Delta R.T. -0.035 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 276 Resp: 1897385  
Ion Ratio Lower Upper  
276 100  
138 22.3 18.7 28.1  
277 25.7 20.4 30.6

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

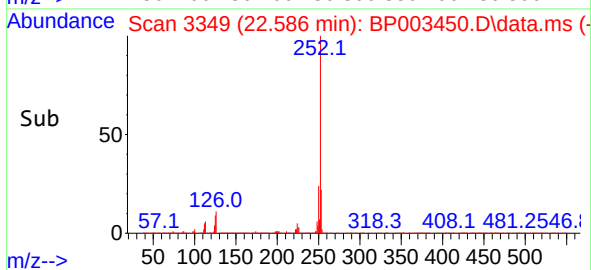
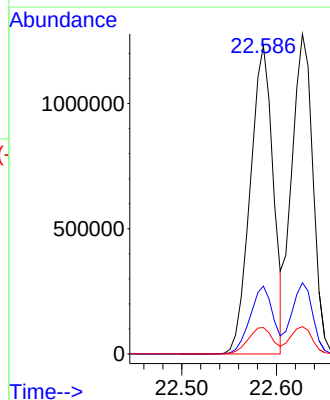
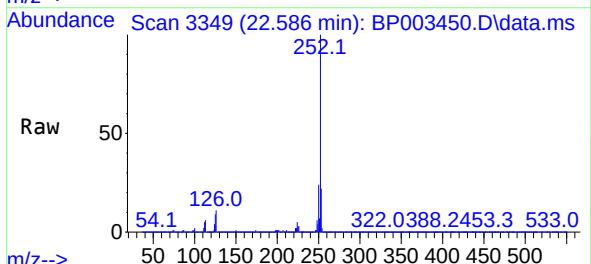
Manual Integrations  
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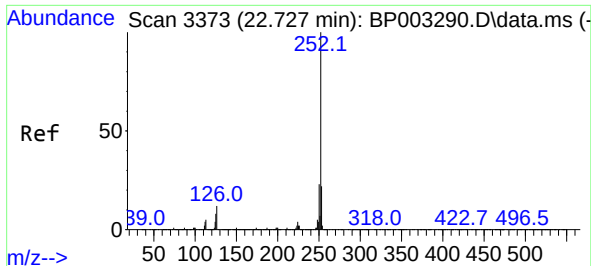


#88  
Benzo(b)fluoranthene  
Concen: 53.92 ng  
RT: 22.586 min Scan# 3349  
Delta R.T. -0.006 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion: 252 Resp: 2072730  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 8.6 7.3 10.9

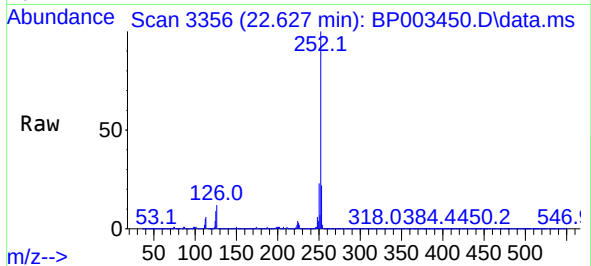






#89  
Benzo(k)fluoranthene  
Concen: 53.68 ng  
RT: 22.627 min Scan# 3356  
Delta R.T. -0.018 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

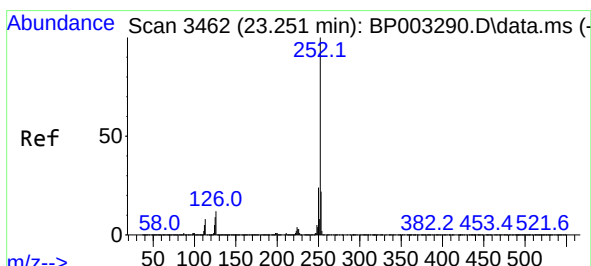
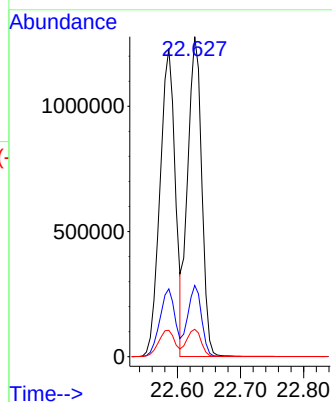
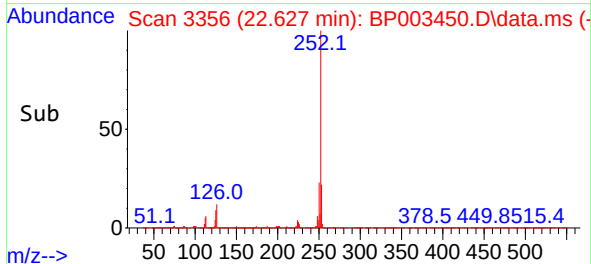
Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD



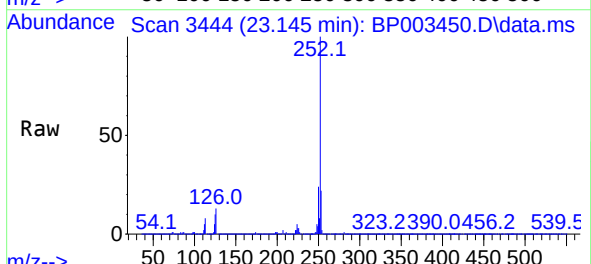
Tgt Ion:252 Resp: 1977706  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 8.5 7.4 11.2

Manual Integrations  
APPROVED

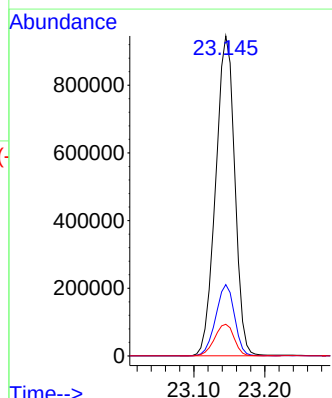
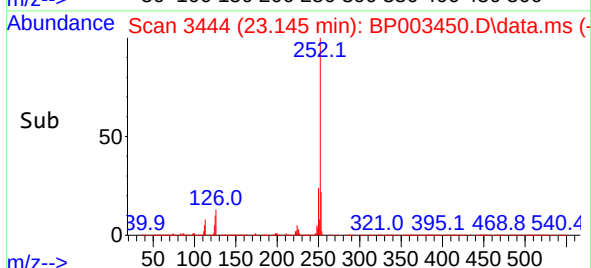
mohammad  
10/2/2020 12:14:55 PM

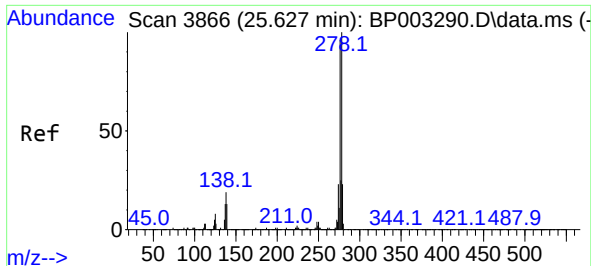


#90  
Benzo(a)pyrene  
Concen: 48.56 ng  
RT: 23.145 min Scan# 3444  
Delta R.T. -0.018 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11



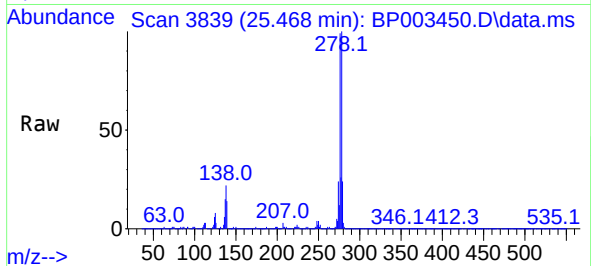
Tgt Ion:252 Resp: 1760252  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.0  
125 9.9 8.2 12.4





#91  
Dibenzo(a,h)anthracene  
Concen: 41.79 ng  
RT: 25.468 min Scan# 3839  
Delta R.T. -0.041 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Instrument :  
BNA\_P  
ClientSampleId :  
RR-1MSD

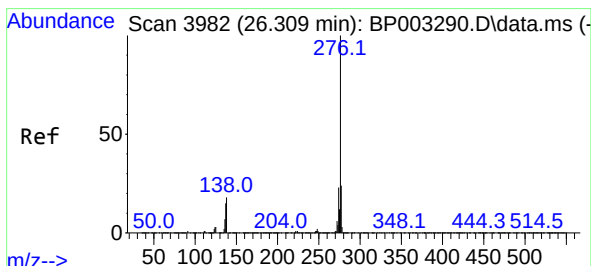
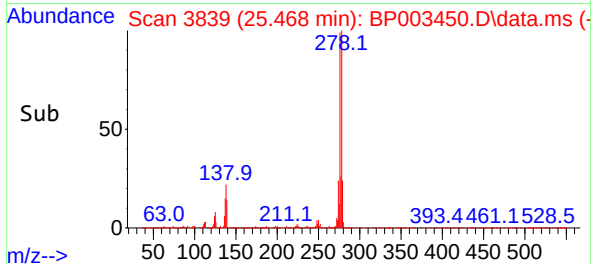
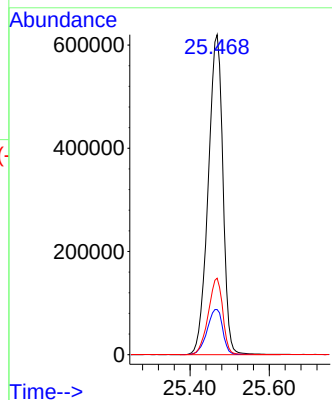


Tgt Ion:278 Resp: 1591378

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.1  | 12.4  | 18.6  |
| 279 | 23.9  | 19.0  | 28.6  |

Manual Integrations  
APPROVED

mohammad  
10/2/2020 12:14:55 PM



#92  
Benzo(g,h,i)perylene  
Concen: 42.09 ng  
RT: 26.139 min Scan# 3953  
Delta R.T. -0.059 min  
Lab File: BP003450.D  
Acq: 01 Oct 2020 22:11

Tgt Ion:276 Resp: 1599874

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.7  | 19.0  | 28.6  |
| 138 | 19.8  | 16.6  | 24.8  |

