

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092220\  
 Data File : BP003344.D  
 Acq On : 22 Sep 2020 18:03  
 Operator : CG/JU  
 Sample : L3869-10MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-02-091820MS

Manual Integrations  
 APPROVED

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 9/23/2020 10:43:58 AM

Quant Time: Sep 22 20:47:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 22 12:48:08 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.569  | 152  | 160759   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.346 | 136  | 639890   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.222 | 164  | 393851   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.975 | 188  | 858779   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.075 | 240  | 846305   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.263 | 264  | 856562   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.193  | 112  | 1169440  | 127.02 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.775  | 99   | 1348092  | 109.85 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.722  | 82   | 1063475  | 97.64  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.722 | 330  | 709167   | 118.05 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.840 | 172  | 2393512  | 88.88  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.557 | 244  | 3515428  | 86.55  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.117  | 88   | 144508   | 38.19  | ng    | # 71     |
| 3) Pyridine                   | 3.505  | 79   | 377185   | 37.44  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.411  | 42   | 138546   | 45.98  | ng    | 99       |
| 6) Aniline                    | 6.905  | 93   | 357197   | 25.35  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.146  | 128  | 503456   | 49.10  | ng    | 92       |
| 9) Benzaldehyde               | 6.716  | 77   | 146712   | 21.44  | ng    | 87       |
| 10) Phenol                    | 6.799  | 94   | 554203   | 47.28  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.005  | 93   | 474262   | 51.06  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.463  | 146  | 518462   | 42.29  | ng    | # 95     |
| 13) 1,4-Dichlorobenzene       | 7.605  | 146  | 525679   | 42.39  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.922  | 146  | 509992   | 42.84  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.816  | 79   | 444966   | 54.56  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.111  | 45   | 350163   | 51.85  | ng    | 91       |
| 17) 2-Methylphenol            | 8.034  | 107  | 417861   | 49.30  | ng    | 96       |
| 18) Hexachloroethane          | 8.640  | 117  | 194824   | 42.16  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.381  | 70   | 325210   | 49.47  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.363  | 107  | 546961   | 48.49  | ng    | 96       |
| 22) Acetophenone              | 8.393  | 105  | 729525   | 46.42  | ng    | # 96     |
| 24) Nitrobenzene              | 8.763  | 77   | 541468   | 49.68  | ng    | 87       |
| 25) Isophorone                | 9.293  | 82   | 1013436  | 50.77  | ng    | 93       |
| 26) 2-Nitrophenol             | 9.469  | 139  | 281451   | 47.28  | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 9.552  | 122  | 466199   | 55.38  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 9.775  | 93   | 626324   | 47.14  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.016 | 162  | 492796   | 46.85  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.216 | 180  | 508016   | 40.71  | ng    | 100      |
| 31) Naphthalene               | 10.399 | 128  | 1523426  | 45.07  | ng    | 100      |
| 32) Benzoic acid              | 9.763  | 122  | 234221   | 40.62  | ng    | # 84     |
| 33) 4-Chloroaniline           | 10.522 | 127  | 76559    | 5.33   | ng    | # 93     |
| 34) Hexachlorobutadiene       | 10.693 | 225  | 319517   | 37.51  | ng    | 100      |
| 35) Caprolactam               | 11.299 | 113  | 128851m  | 36.71  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.675 | 107  | 540750   | 47.68  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.022 | 142  | 1089147  | 44.48  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.246 | 142  | 1021590  | 43.94  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.404 | 216  | 573640   | 44.49  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.387 | 237  | 395679   | 83.32  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.651 | 196  | 392571   | 47.09  | ng    | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 12.734 | 196  | 418813   | 48.83 | ng    | #        | 95  |
| 46) 1,1'-Biphenyl             | 13.051 | 154  | 1385769  | 47.18 | ng    |          | 99  |
| 47) 2-Chloronaphthalene       | 13.087 | 162  | 1073761  | 44.14 | ng    |          | 97  |
| 48) 2-Nitroaniline            | 13.298 | 65   | 295528   | 48.01 | ng    | #        | 77  |
| 49) Acenaphthylene            | 13.940 | 152  | 1729479  | 46.53 | ng    |          | 99  |
| 50) Dimethylphthalate         | 13.693 | 163  | 1564439  | 49.74 | ng    |          | 100 |
| 51) 2,6-Dinitrotoluene        | 13.804 | 165  | 321654   | 47.71 | ng    | #        | 81  |
| 52) Acenaphthene              | 14.287 | 154  | 1025275  | 45.33 | ng    |          | 100 |
| 53) 3-Nitroaniline            | 14.134 | 138  | 127132   | 17.40 | ng    | #        | 78  |
| 54) 2,4-Dinitrophenol         | 14.357 | 184  | 283158   | 87.97 | ng    | #        | 88  |
| 55) Dibenzofuran              | 14.622 | 168  | 1631398  | 45.19 | ng    |          | 96  |
| 56) 4-Nitrophenol             | 14.481 | 139  | 430232   | 96.36 | ng    | #        | 74  |
| 57) 2,4-Dinitrotoluene        | 14.604 | 165  | 442030   | 47.28 | ng    | #        | 77  |
| 58) Fluorene                  | 15.275 | 166  | 1286111  | 45.11 | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol | 14.863 | 232  | 365414   | 45.31 | ng    |          | 98  |
| 60) Diethylphthalate          | 15.063 | 149  | 1453009  | 45.29 | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenyle... | 15.275 | 204  | 663093   | 42.60 | ng    |          | 99  |
| 62) 4-Nitroaniline            | 15.304 | 138  | 304903   | 39.33 | ng    | #        | 77  |
| 63) Azobenzene                | 15.569 | 77   | 1220651  | 49.92 | ng    |          | 93  |
| 65) 4,6-Dinitro-2-methylph... | 15.381 | 198  | 223961   | 49.42 | ng    |          | 98  |
| 66) n-Nitrosodiphenylamine    | 15.492 | 169  | 1188696  | 47.12 | ng    |          | 100 |
| 67) 4-Bromophenyl-phenylether | 16.169 | 248  | 453833   | 43.72 | ng    |          | 95  |
| 68) Hexachlorobenzene         | 16.292 | 284  | 513854   | 41.67 | ng    |          | 95  |
| 69) Atrazine                  | 16.457 | 200  | 345117   | 34.88 | ng    |          | 100 |
| 70) Pentachlorophenol         | 16.639 | 266  | 521692   | 96.98 | ng    |          | 100 |
| 71) Phenanthrene              | 17.016 | 178  | 2149860  | 46.01 | ng    |          | 99  |
| 72) Anthracene                | 17.110 | 178  | 2161445  | 46.94 | ng    |          | 100 |
| 73) Carbazole                 | 17.381 | 167  | 2033763  | 46.50 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 17.951 | 149  | 2514407  | 44.97 | ng    | #        | 98  |
| 75) Fluoranthene              | 18.998 | 202  | 2601041  | 44.27 | ng    |          | 98  |
| 77) Benzidine                 | 19.181 | 184  | 913485   | 34.81 | ng    |          | 99  |
| 78) Pyrene                    | 19.351 | 202  | 2652240  | 50.25 | ng    |          | 100 |
| 80) Butylbenzylphthalate      | 20.233 | 149  | 1195539  | 49.51 | ng    |          | 89  |
| 81) Benzo(a)anthracene        | 21.057 | 228  | 2579104  | 47.14 | ng    |          | 100 |
| 82) 3,3'-Dichlorobenzidine    | 20.992 | 252  | 453812   | 21.46 | ng    |          | 98  |
| 83) Chrysene                  | 21.110 | 228  | 2441497  | 46.45 | ng    |          | 99  |
| 84) Bis(2-ethylhexyl)phtha... | 20.998 | 149  | 1704325  | 50.13 | ng    |          | 100 |
| 85) Di-n-octyl phthalate      | 21.857 | 149  | 3025035  | 48.70 | ng    |          | 98  |
| 87) Indeno(1,2,3-cd)pyrene    | 25.504 | 276  | 2615612  | 40.29 | ng    |          | 98  |
| 88) Benzo(b)fluoranthene      | 22.610 | 252  | 2771959  | 51.25 | ng    |          | 99  |
| 89) Benzo(k)fluoranthene      | 22.657 | 252  | 2501333  | 48.25 | ng    |          | 99  |
| 90) Benzo(a)pyrene            | 23.174 | 252  | 2351030  | 46.09 | ng    |          | 99  |
| 91) Dibenzo(a,h)anthracene    | 25.510 | 278  | 2212113  | 41.29 | ng    |          | 99  |
| 92) Benzo(g,h,i)perylene      | 26.174 | 276  | 2149219  | 40.18 | ng    |          | 99  |

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





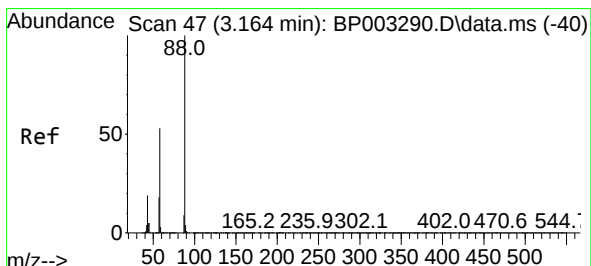
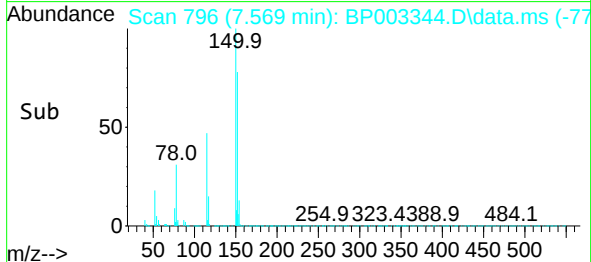
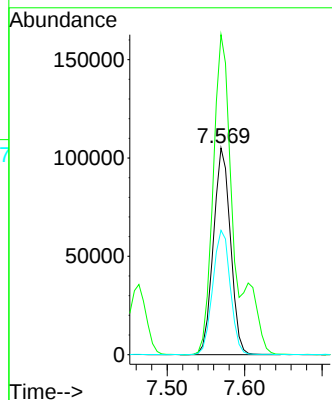
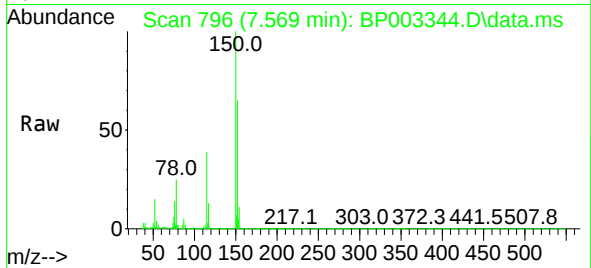
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.569 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion: 152 Resp: 160759  
Ion Ratio Lower Upper  
152 100  
150 154.8 123.8 185.6  
115 60.1 43.8 65.6

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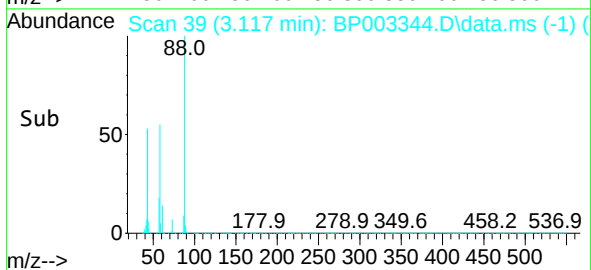
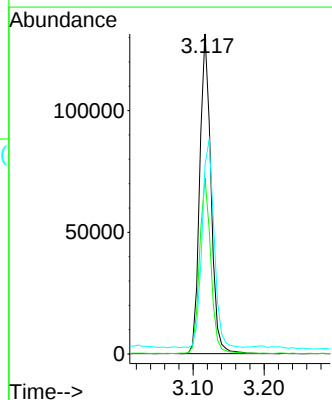
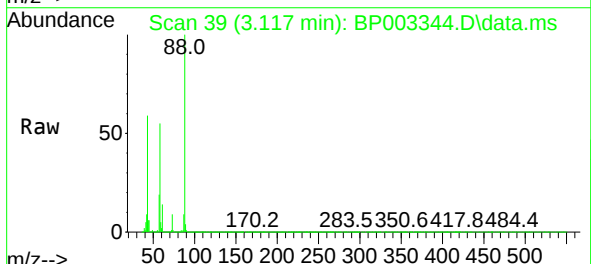
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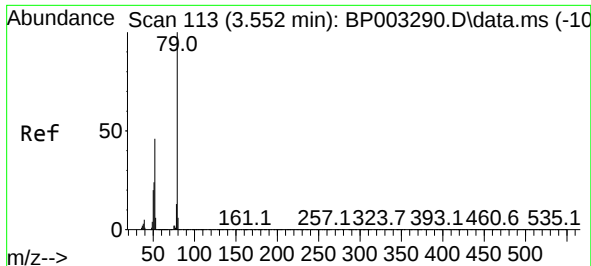
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#2  
1,4-Dioxane  
Concen: 38.19 ng  
RT: 3.117 min Scan# 39  
Delta R.T. 0.018 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

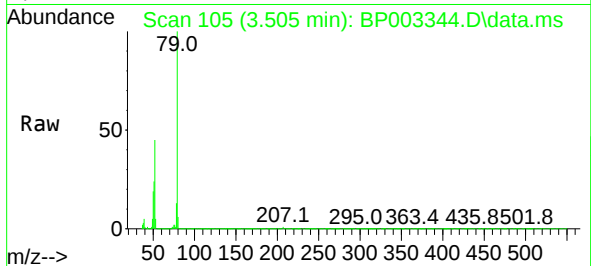
Tgt Ion: 88 Resp: 144508  
Ion Ratio Lower Upper  
88 100  
58 55.4 44.2 66.4  
43 70.8 15.2 22.8#





#3  
Pyridine  
Concen: 37.44 ng  
RT: 3.505 min Scan# 105  
Delta R.T. 0.018 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

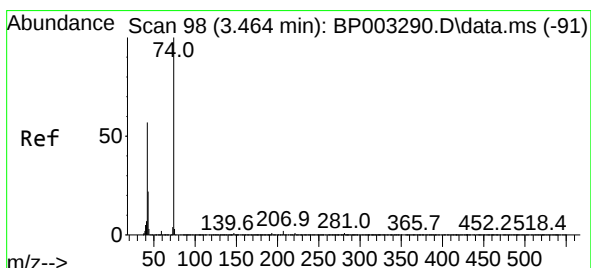
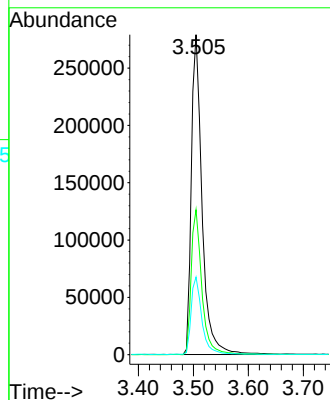
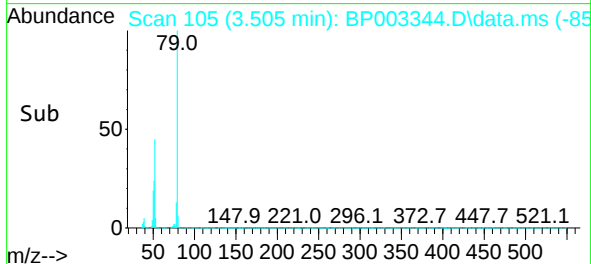
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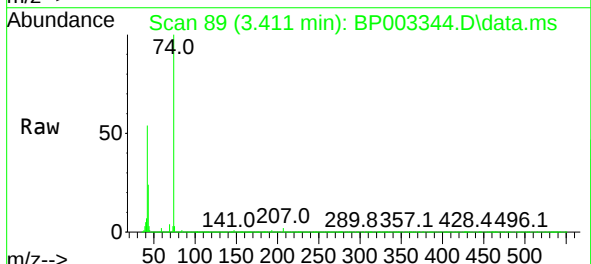
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Ion Ratio Lower Upper  
79 100  
52 45.3 41.3 61.9  
51 24.3 21.2 31.8

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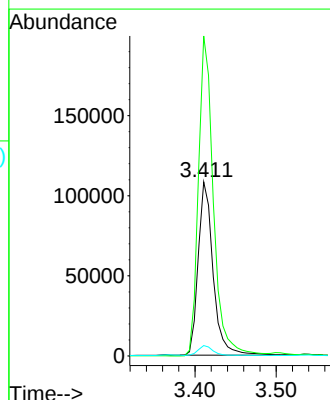
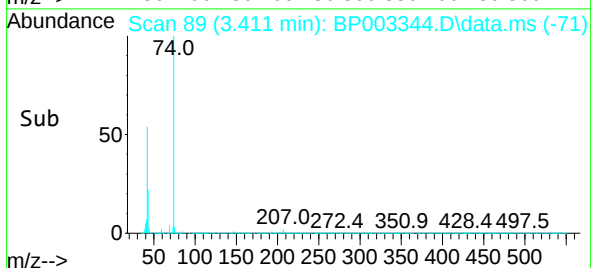
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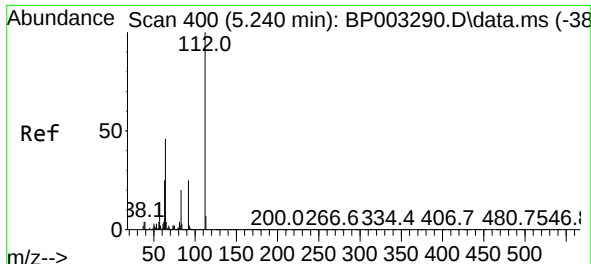


#4  
n-Nitrosodimethylamine  
Concen: 45.98 ng  
RT: 3.411 min Scan# 89  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



Tgt Ion: 42 Resp: 138546  
Ion Ratio Lower Upper  
42 100  
74 183.8 148.6 223.0  
44 6.0 5.3 7.9





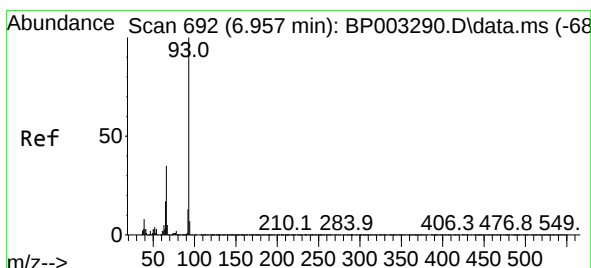
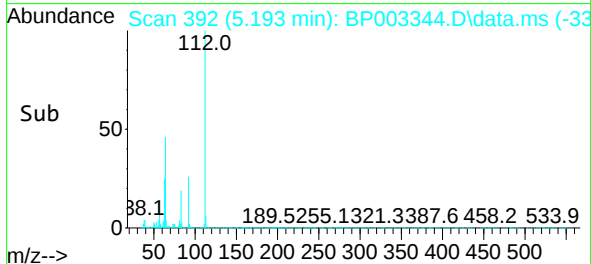
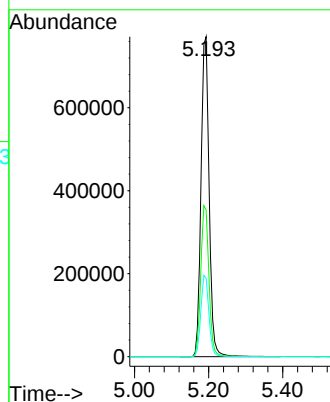
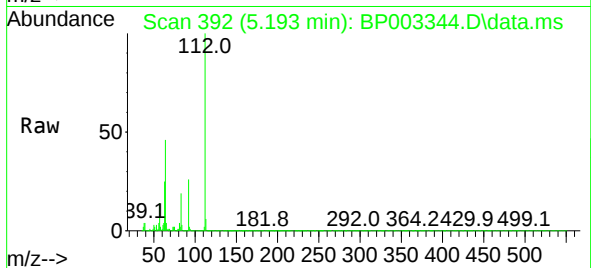
#5  
2-Fluorophenol  
Concen: 127.02 ng  
RT: 5.193 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion: 112 Resp: 1169440  
Ion Ratio Lower Upper  
112 100  
64 45.8 32.8 49.2  
63 24.5 17.0 25.4

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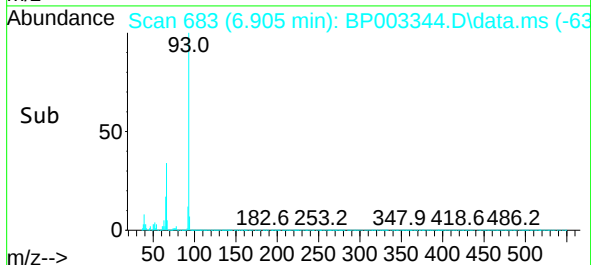
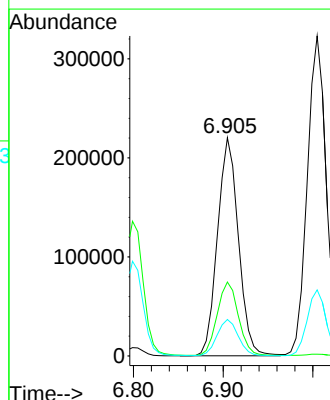
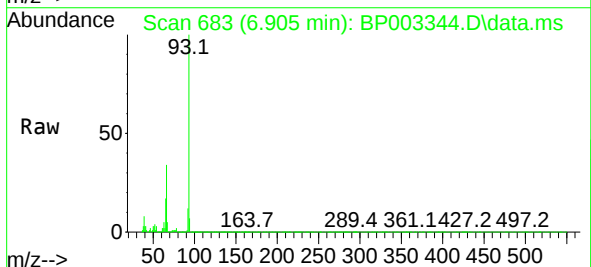
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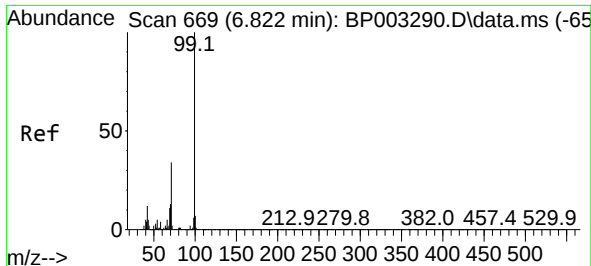
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#6  
Aniline  
Concen: 25.35 ng  
RT: 6.905 min Scan# 683  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

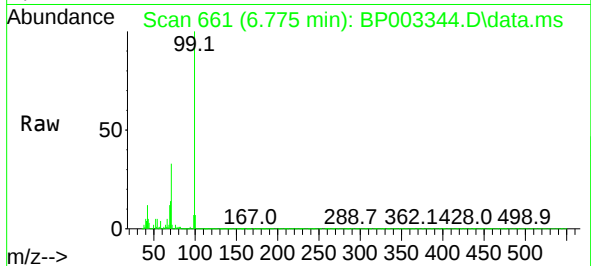
Tgt Ion: 93 Resp: 357197  
Ion Ratio Lower Upper  
93 100  
66 33.9 25.4 38.0  
65 16.7 12.5 18.7





#7  
Phenol-d6  
Concen: 109.85 ng  
RT: 6.775 min Scan# 661  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

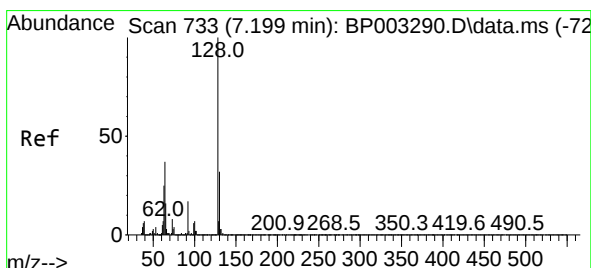
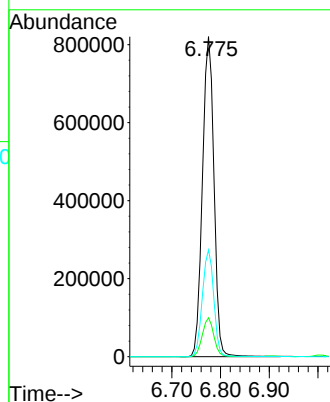
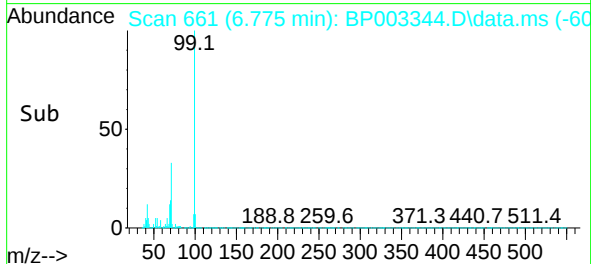
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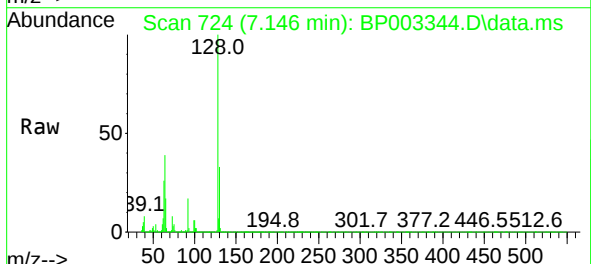
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Ion Ratio Lower Upper  
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42 12.1 8.6 13.0  
71 33.3 23.4 35.2

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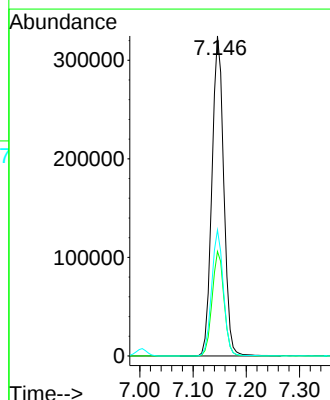
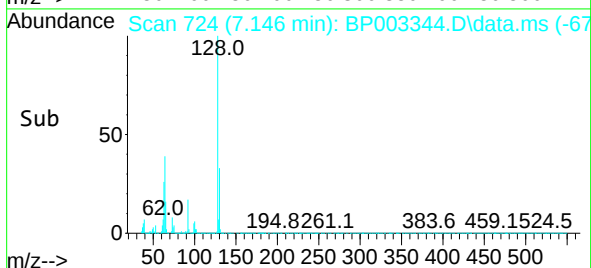
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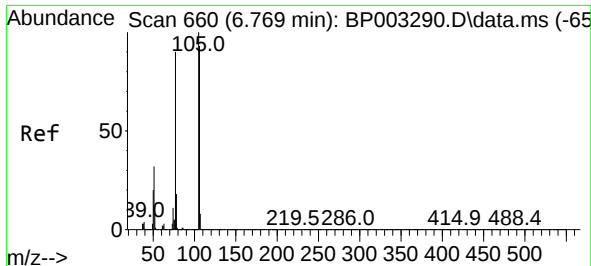


#8  
2-Chlorophenol  
Concen: 49.10 ng  
RT: 7.146 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



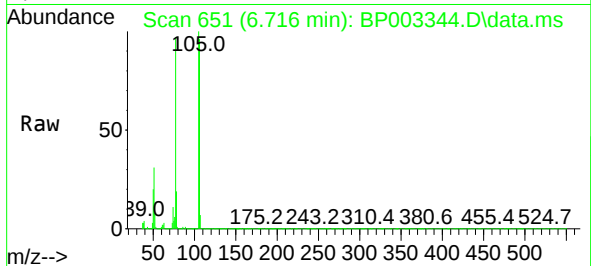
Tgt Ion: 128 Resp: 503456  
Ion Ratio Lower Upper  
128 100  
130 32.6 13.0 53.0  
64 39.3 10.4 50.4





#9  
Benzaldehyde  
Concen: 21.44 ng  
RT: 6.716 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

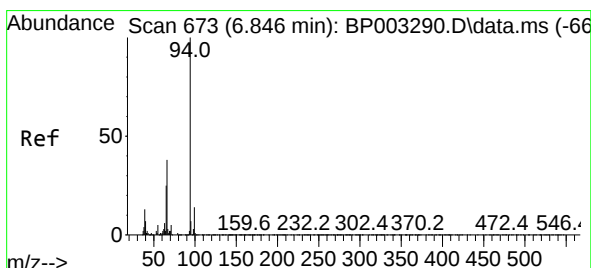
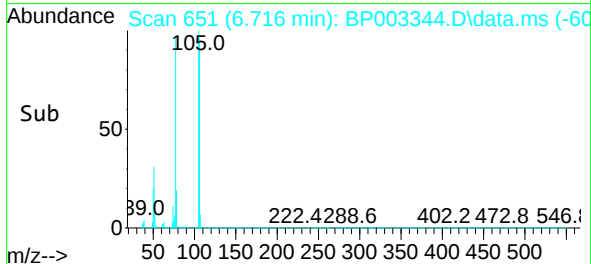
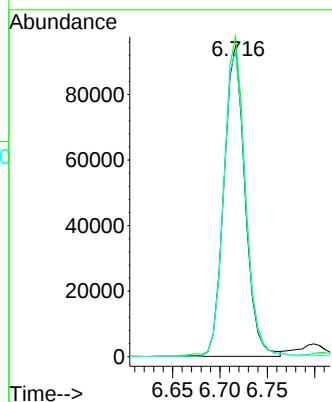
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



Tgt Ion: 77 Resp: 146712  
Ion Ratio Lower Upper  
77 100  
105 103.1 97.1 137.1  
106 98.8 93.7 133.7

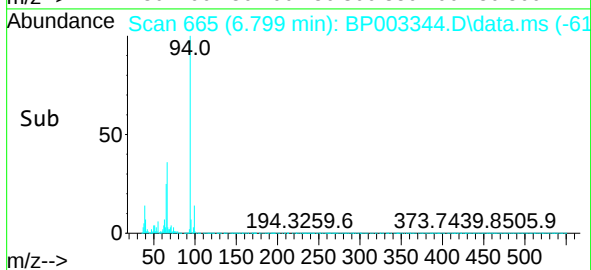
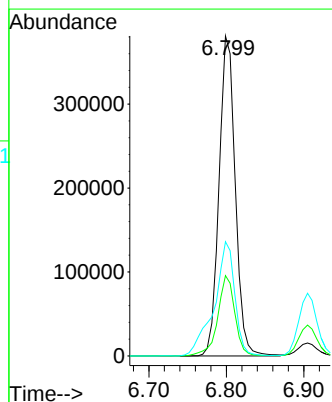
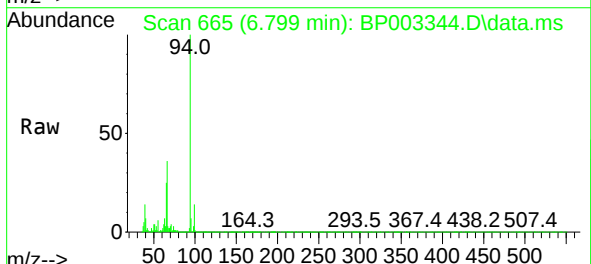
Manual Integrations  
APPROVED

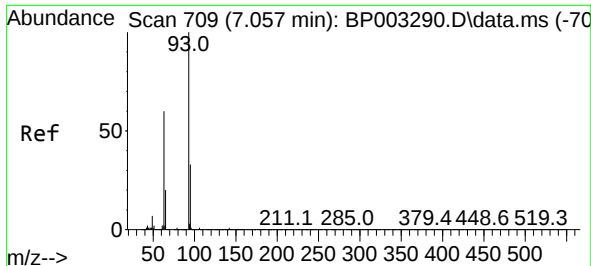
mohammad  
9/23/2020 10:43:58 AM



#10  
Phenol  
Concen: 47.28 ng  
RT: 6.799 min Scan# 665  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

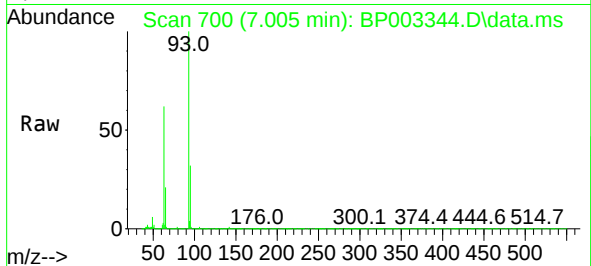
Tgt Ion: 94 Resp: 554203  
Ion Ratio Lower Upper  
94 100  
65 25.1 2.3 42.3  
66 35.7 10.9 50.9





#11  
bis(2-Chloroethyl)ether  
Concen: 51.06 ng  
RT: 7.005 min Scan# 700  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

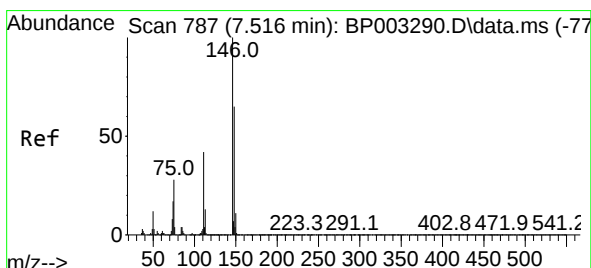
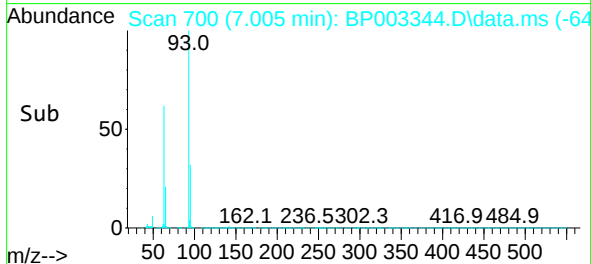
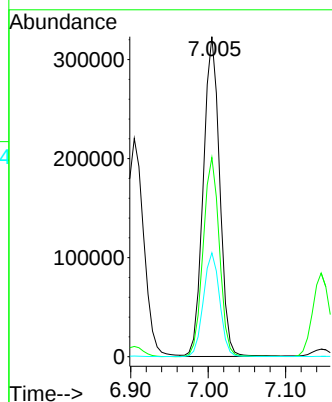
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



Tgt Ion: 93 Resp: 474262  
Ion Ratio Lower Upper  
93 100  
63 62.2 39.0 79.0  
95 32.4 12.8 52.8

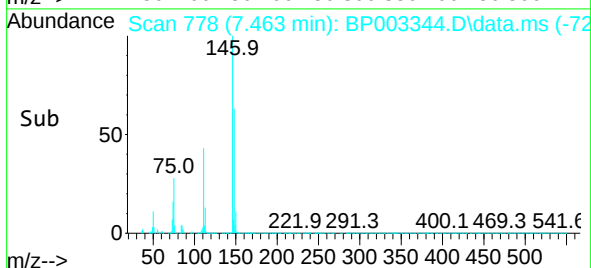
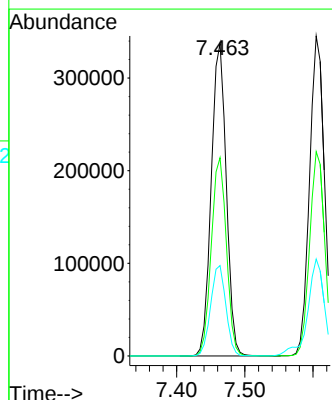
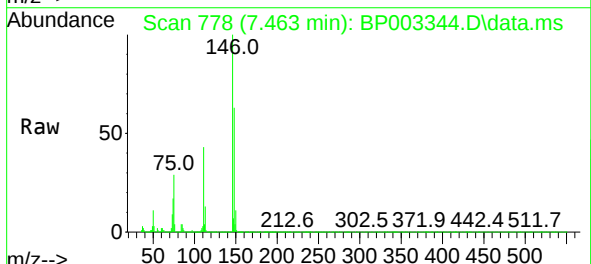
Manual Integrations  
APPROVED

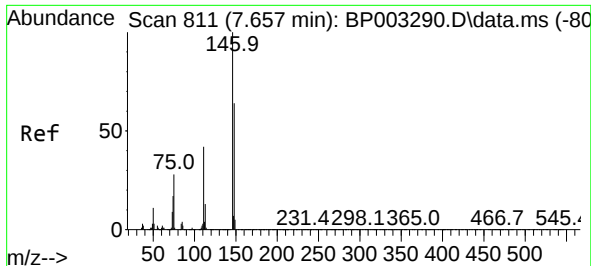
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 42.29 ng  
RT: 7.463 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

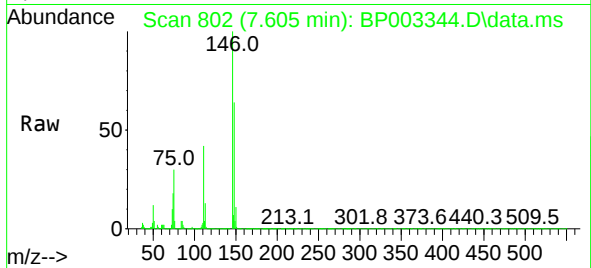
Tgt Ion: 146 Resp: 518462  
Ion Ratio Lower Upper  
146 100  
148 63.5 52.5 78.7  
75 28.9 18.1 27.1#





#13  
1,4-Dichlorobenzene  
Concen: 42.39 ng  
RT: 7.605 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

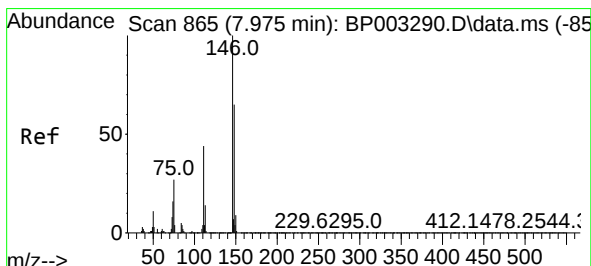
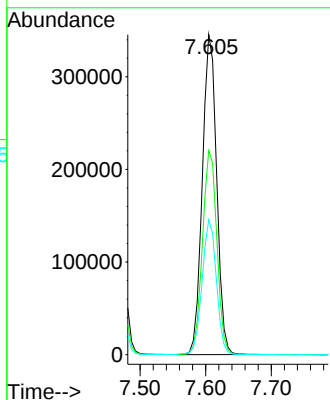
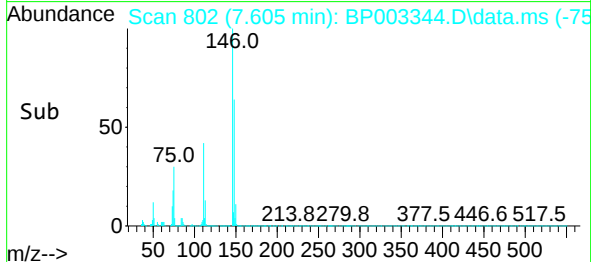
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



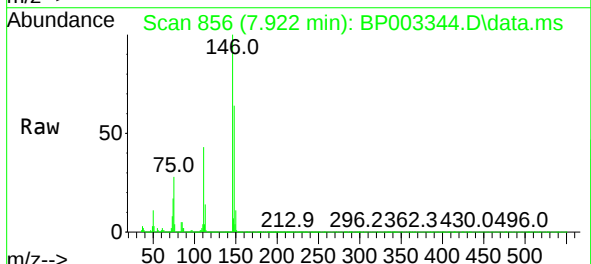
Tgt Ion:146 Resp: 525679  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.3 76.9  
111 42.2 28.9 43.3

Manual Integrations  
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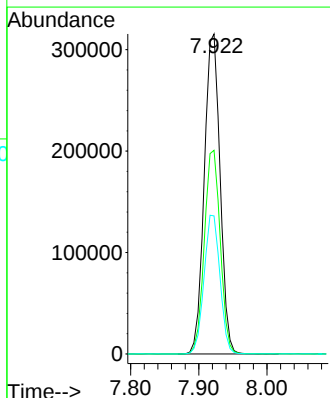
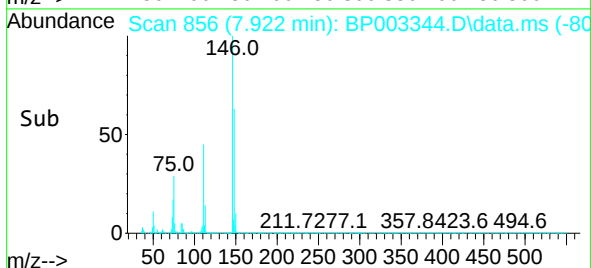
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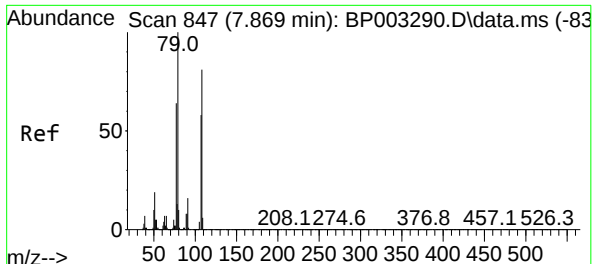


#14  
1,2-Dichlorobenzene  
Concen: 42.84 ng  
RT: 7.922 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



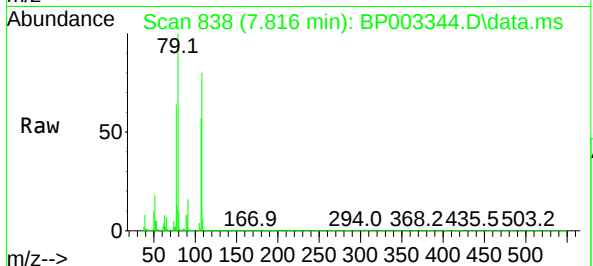
Tgt Ion:146 Resp: 509992  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.6 77.4  
111 43.1 31.0 46.6





#15  
Benzyl Alcohol  
Concen: 54.56 ng  
RT: 7.816 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

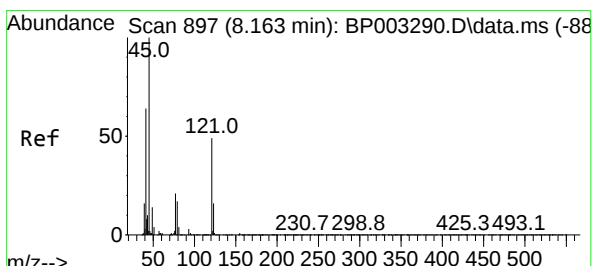
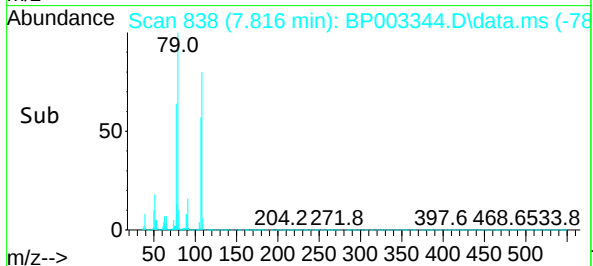
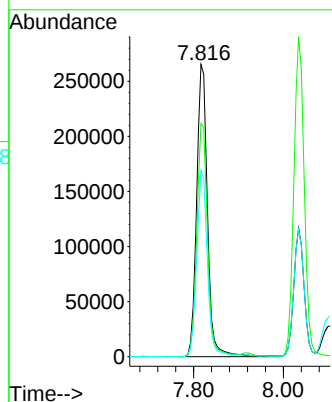
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



Tgt Ion: 79 Resp: 444966  
Ion Ratio Lower Upper  
79 100  
108 79.8 73.5 110.3  
77 63.7 50.3 75.5

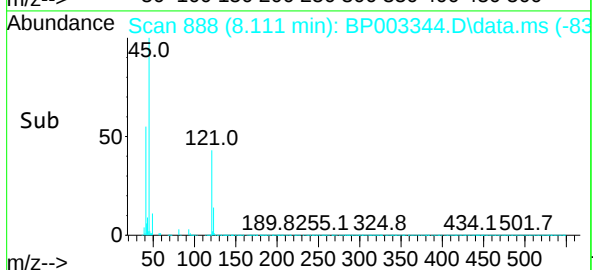
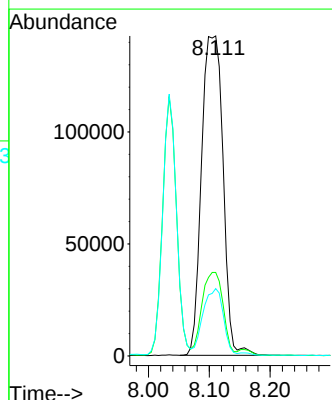
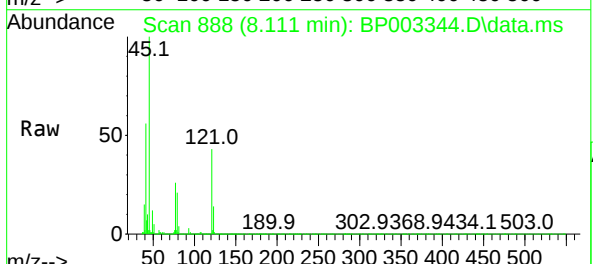
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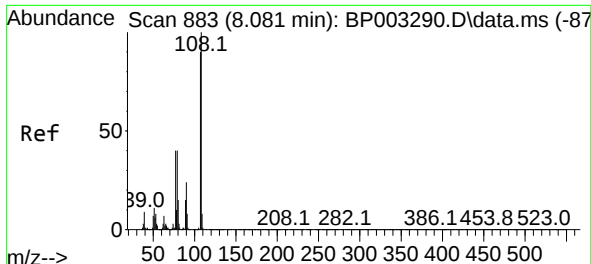
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 51.85 ng  
RT: 8.111 min Scan# 888  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

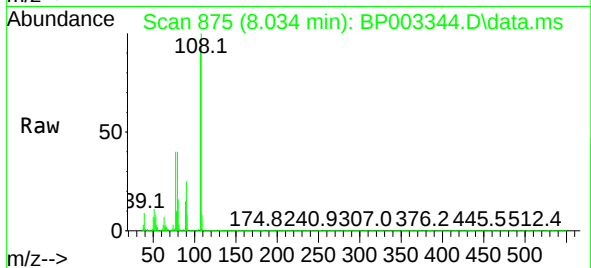
Tgt Ion: 45 Resp: 350163  
Ion Ratio Lower Upper  
45 100  
77 26.1 2.3 42.3  
79 21.1 0.0 36.6





#17  
2-Methylphenol  
Concen: 49.30 ng  
RT: 8.034 min Scan# 875  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

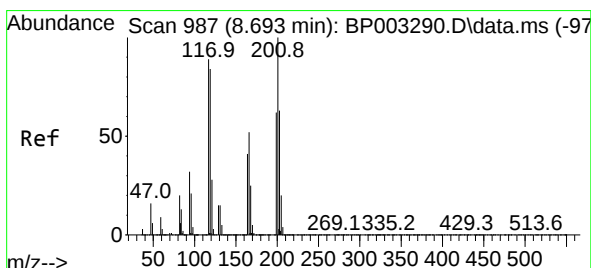
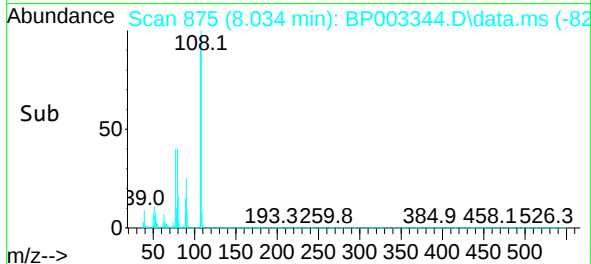
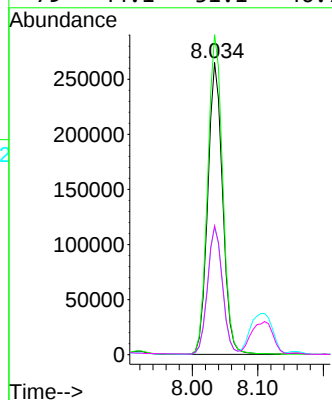
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



Tgt Ion:107 Resp: 417861  
Ion Ratio Lower Upper  
107 100  
108 109.5 89.6 134.4  
77 43.7 31.8 47.6  
79 44.1 31.1 46.7

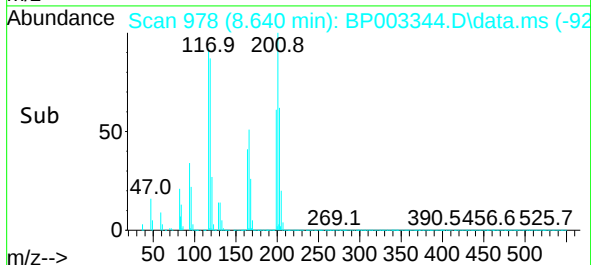
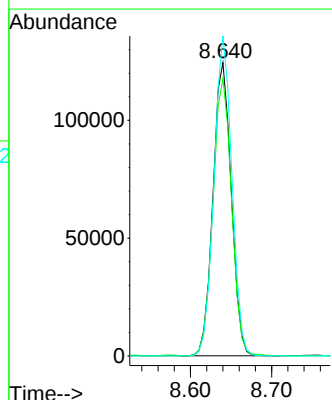
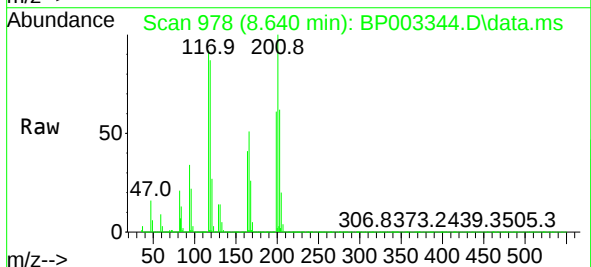
Manual Integrations  
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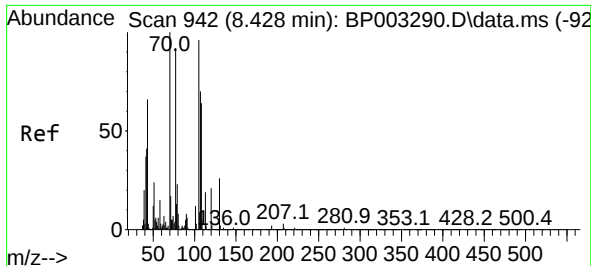
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#18  
Hexachloroethane  
Concen: 42.16 ng  
RT: 8.640 min Scan# 978  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion:117 Resp: 194824  
Ion Ratio Lower Upper  
117 100  
119 94.6 78.8 118.2  
201 109.1 92.3 138.5





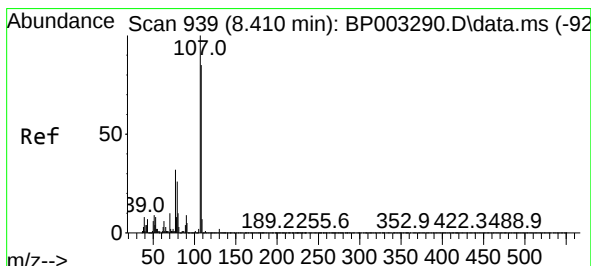
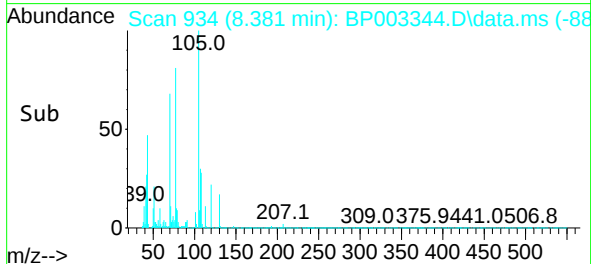
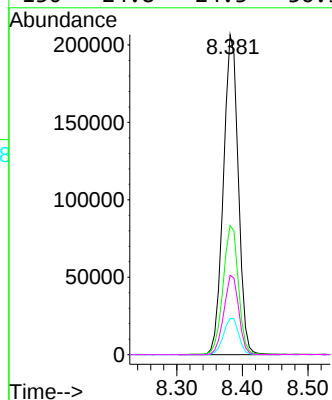
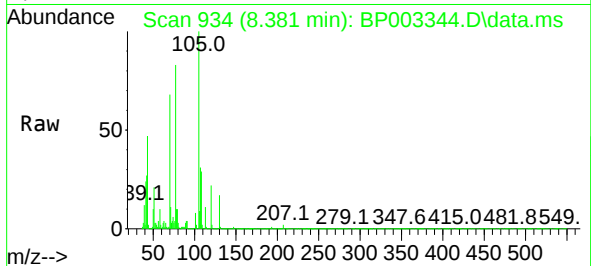
#19  
n-Nitroso-di-n-propylamine  
Concen: 49.47 ng  
RT: 8.381 min Scan# 934  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 325210 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 40.4  | 32.8  | 49.2   |
| 101       | 11.3  | 9.6   | 14.4   |
| 130       | 24.8  | 24.3  | 36.5   |

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

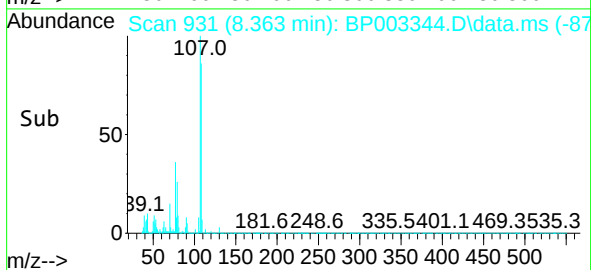
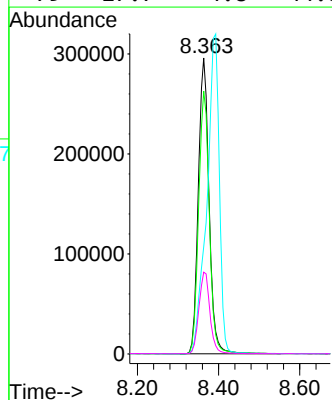
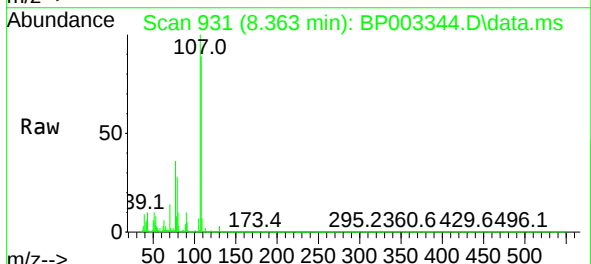
Manual Integrations  
APPROVED

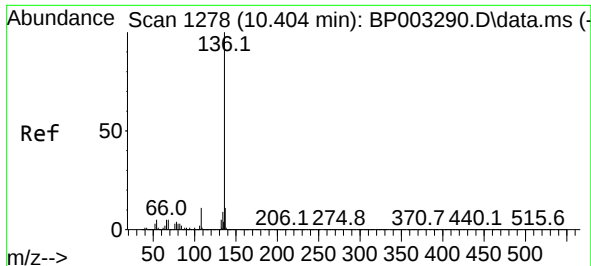
mohammad  
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#20  
3+4-Methylphenols  
Concen: 48.49 ng  
RT: 8.363 min Scan# 931  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 546961 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 88.8  | 69.0  | 109.0  |
| 77        | 36.2  | 8.5   | 48.5   |
| 79        | 27.7  | 4.8   | 44.8   |





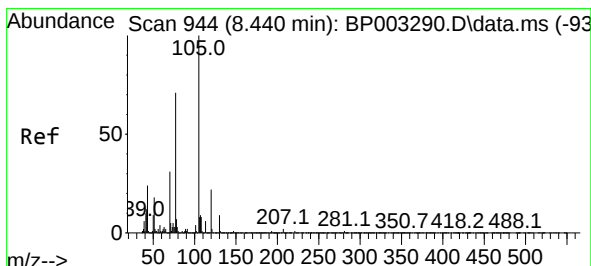
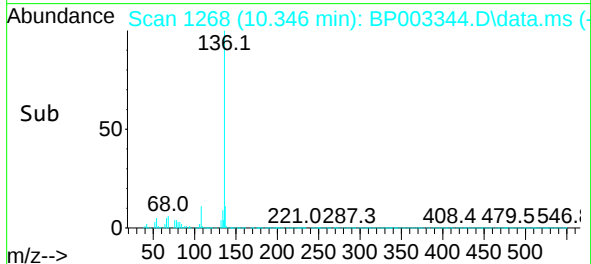
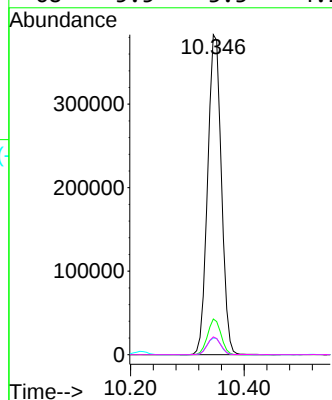
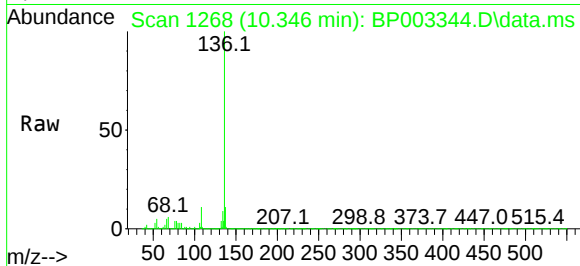
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.346 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 639890 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.2  | 8.6   | 13.0   |
| 54        | 5.2   | 3.6   | 5.4    |
| 68        | 5.5   | 3.3   | 4.9#   |

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

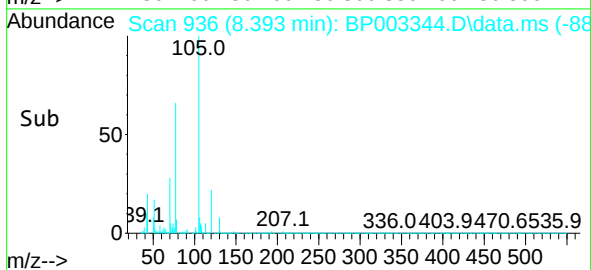
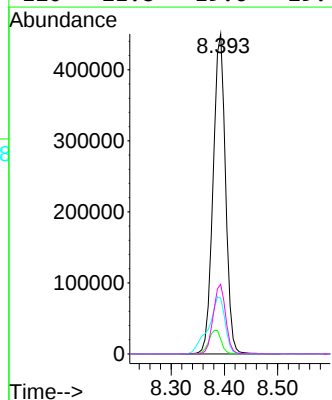
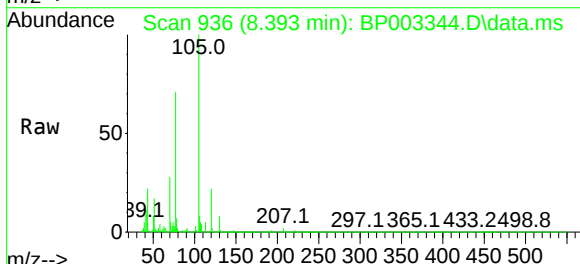
Manual Integrations  
APPROVED

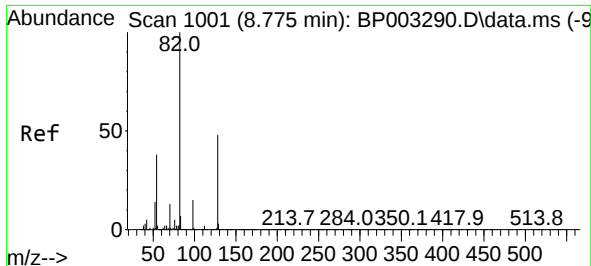
mohammad  
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#22  
Acetophenone  
Concen: 46.42 ng  
RT: 8.393 min Scan# 936  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

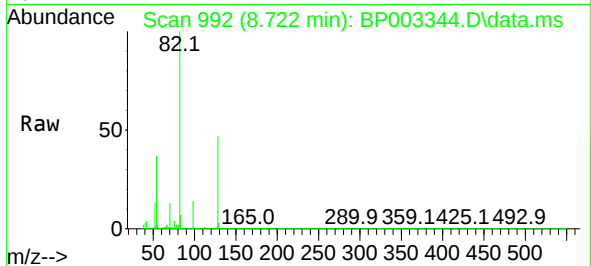
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 729525 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 4.7   | 2.6   | 3.8#   |
| 51        | 17.5  | 13.5  | 20.3   |
| 120       | 21.8  | 19.6  | 29.4   |





#23  
Nitrobenzene-d5  
Concen: 97.64 ng  
RT: 8.722 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

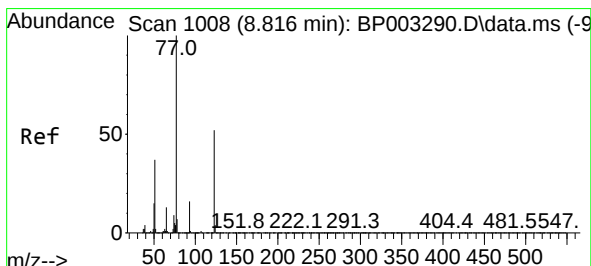
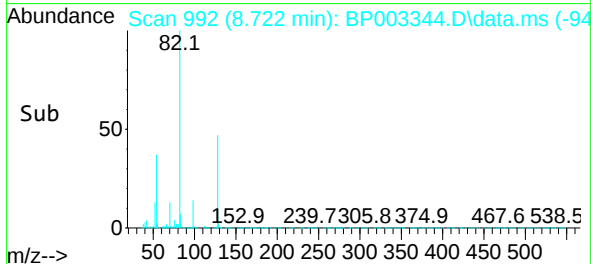
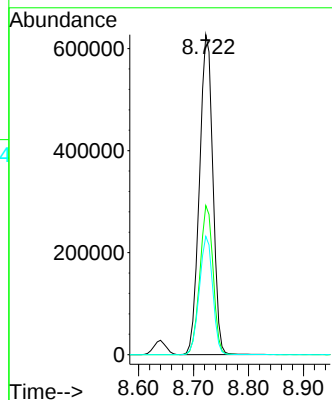


Tgt Ion: 82 Resp: 1063475

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.6  | 45.6  | 68.4  |
| 54  | 37.0  | 30.1  | 45.1  |

Manual Integrations  
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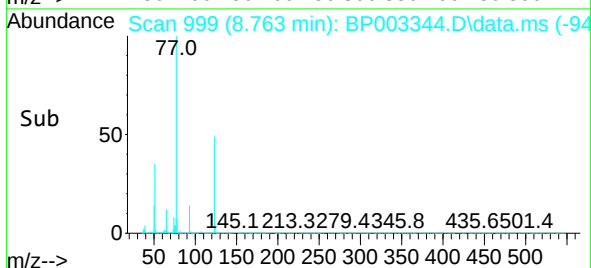
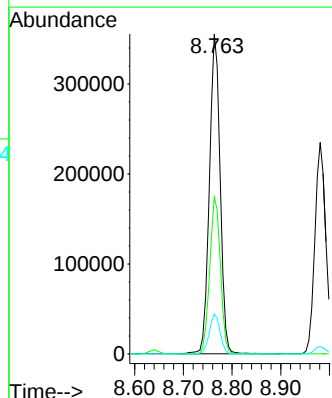
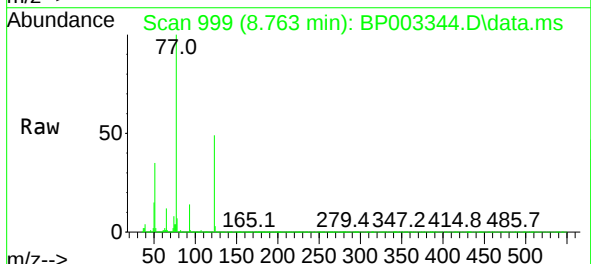
mohammad  
9/23/2020 10:43:58 AM

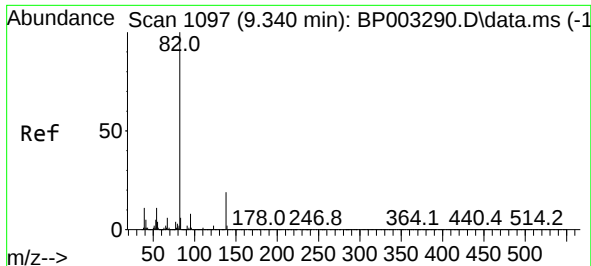


#24  
Nitrobenzene  
Concen: 49.68 ng  
RT: 8.763 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion: 77 Resp: 541468

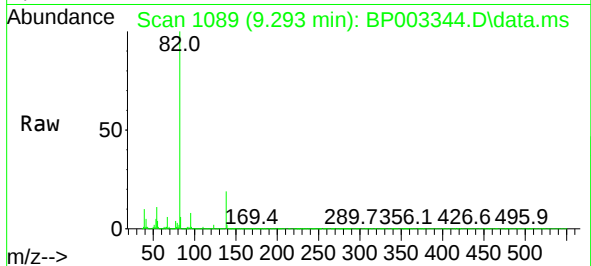
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.0  | 48.6  | 72.8  |
| 65  | 12.5  | 10.0  | 15.0  |





#25  
Isophorone  
Concen: 50.77 ng  
RT: 9.293 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

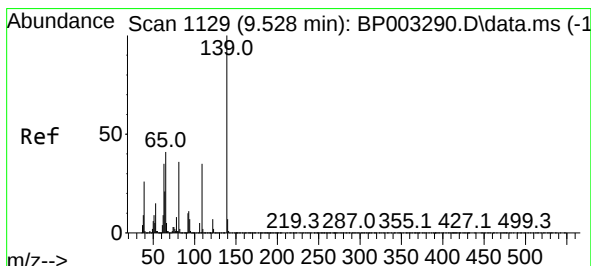
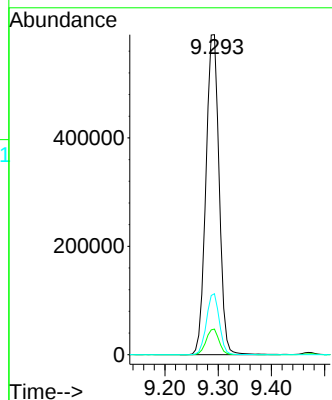
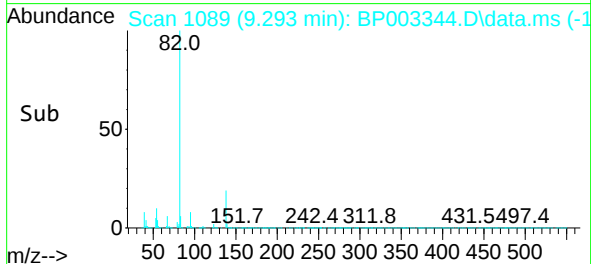
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



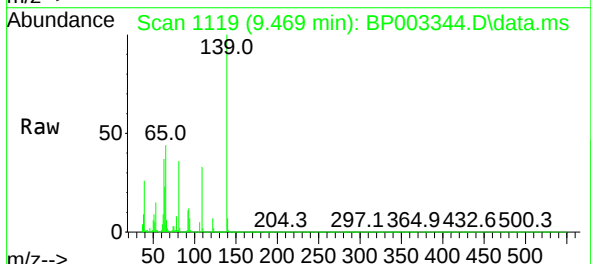
Tgt Ion: 82 Resp: 1013436  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.4 9.6  
138 19.1 18.7 28.1

Manual Integrations  
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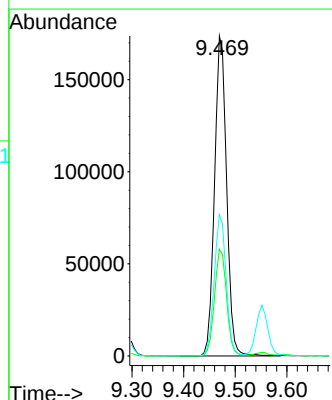
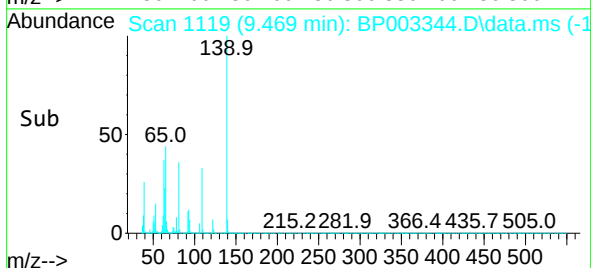
mohammad  
9/23/2020 10:43:58 AM

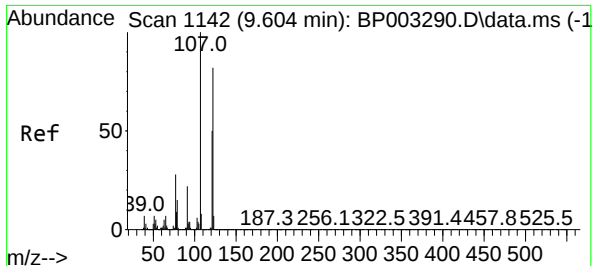


#26  
2-Nitrophenol  
Concen: 47.28 ng  
RT: 9.469 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



Tgt Ion: 139 Resp: 281451  
Ion Ratio Lower Upper  
139 100  
109 33.4 22.1 33.1#  
65 44.1 26.5 39.7#





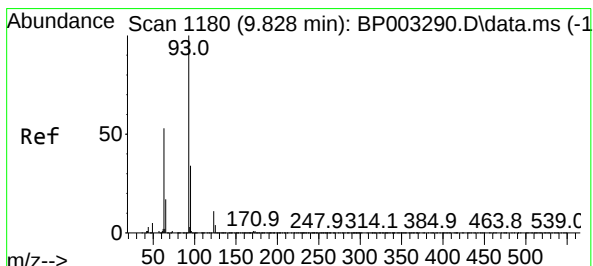
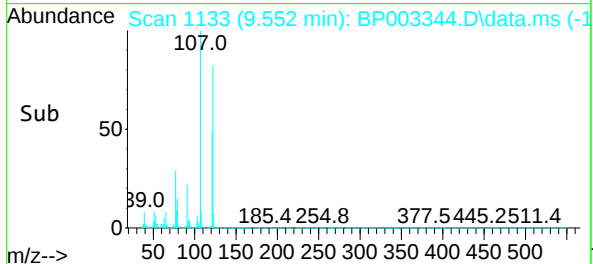
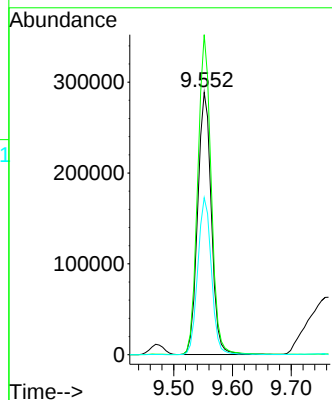
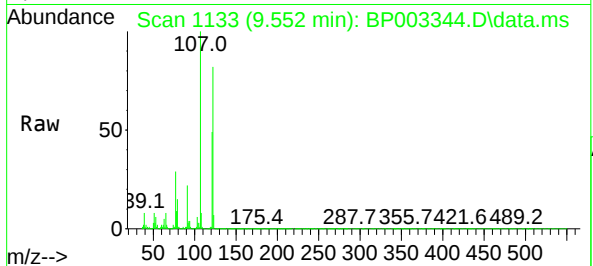
#27  
2,4-Dimethylphenol  
Concen: 55.38 ng  
RT: 9.552 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion: 122 Resp: 466199  
Ion Ratio Lower Upper  
122 100  
107 122.0 87.3 130.9  
121 59.8 47.3 70.9

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

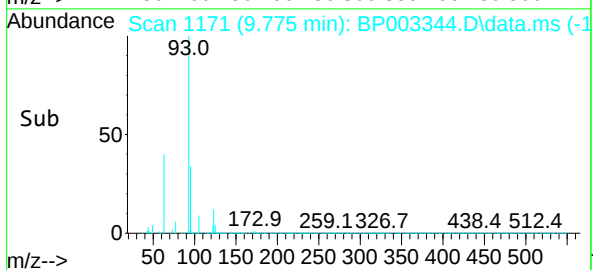
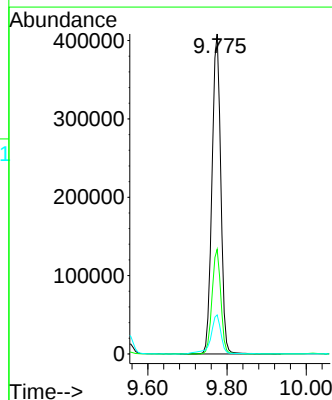
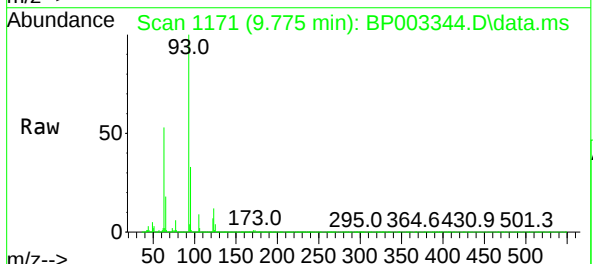
Manual Integrations  
APPROVED

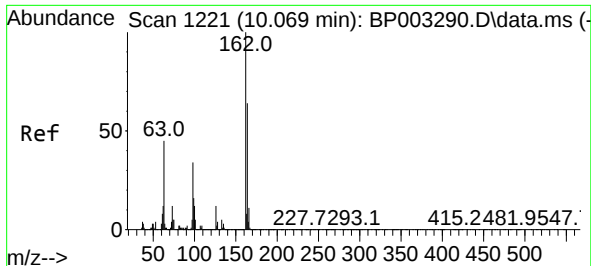
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 47.14 ng  
RT: 9.775 min Scan# 1171  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

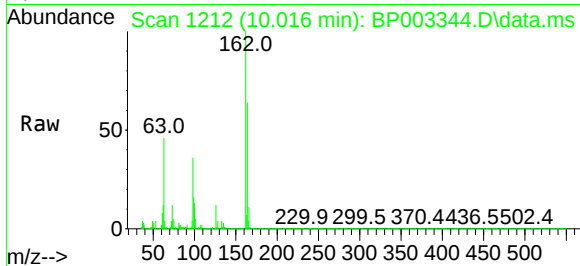
Tgt Ion: 93 Resp: 626324  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.7 40.1  
123 12.2 10.5 15.7





#29  
2,4-Dichlorophenol  
Concen: 46.85 ng  
RT: 10.016 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

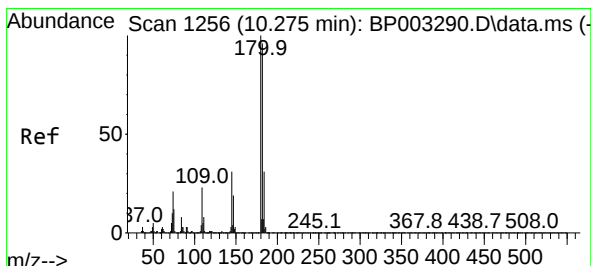
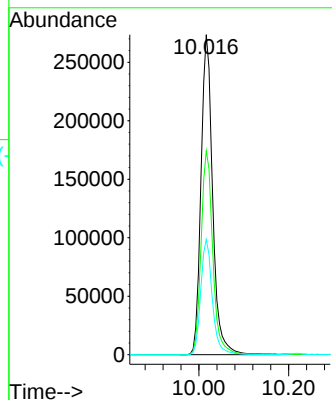
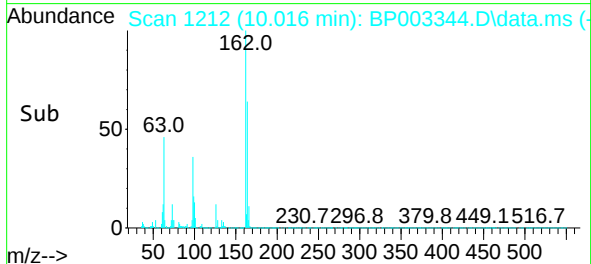
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



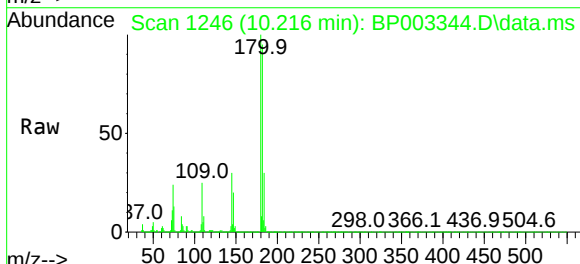
Tgt Ion:162 Resp: 492796  
Ion Ratio Lower Upper  
162 100  
164 63.7 45.8 85.8  
98 36.0 10.2 50.2

Manual Integrations  
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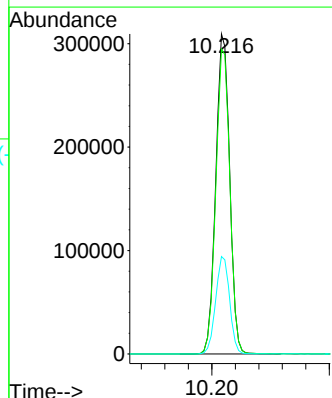
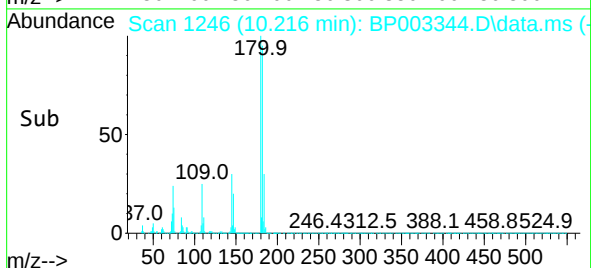
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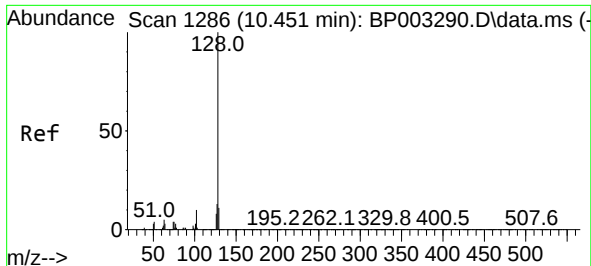


#30  
1,2,4-Trichlorobenzene  
Concen: 40.71 ng  
RT: 10.216 min Scan# 1246  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



Tgt Ion:180 Resp: 508016  
Ion Ratio Lower Upper  
180 100  
182 95.2 76.2 114.2  
145 30.4 23.8 35.8





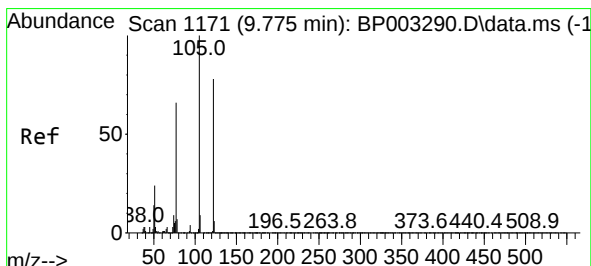
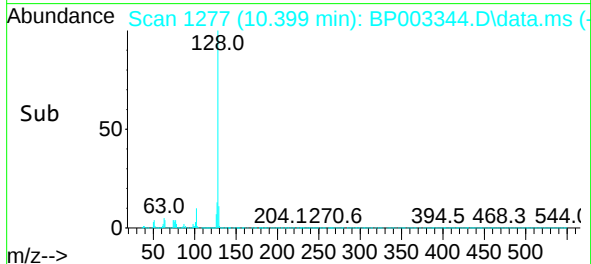
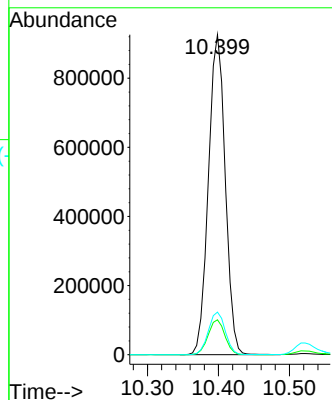
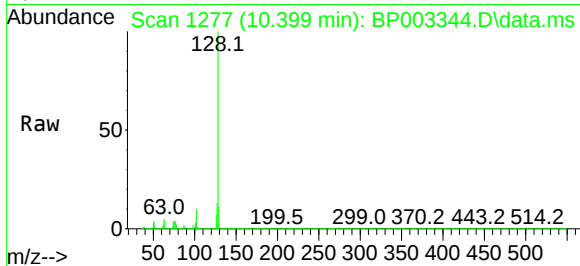
#31  
Naphthalene  
Concen: 45.07 ng  
RT: 10.399 min Scan# 1277  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion:128 Resp: 1523426  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.3 10.6 15.8

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

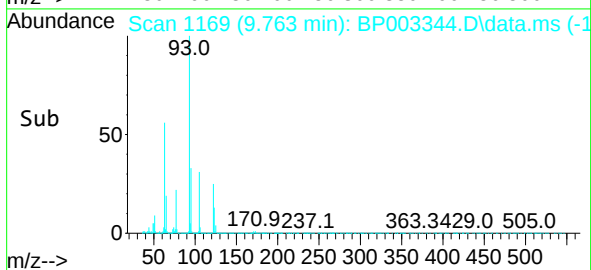
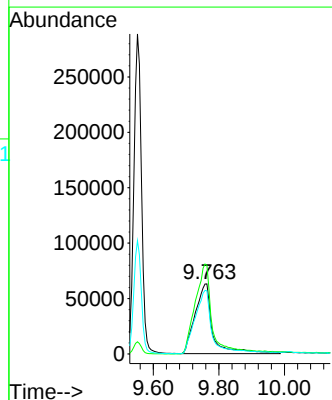
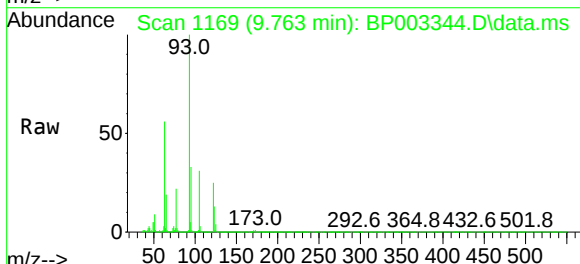
Manual Integrations  
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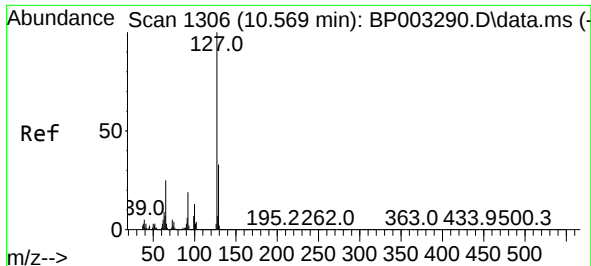
mohammad  
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#32  
Benzoic acid  
Concen: 40.62 ng  
RT: 9.763 min Scan# 1169  
Delta R.T. 0.041 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

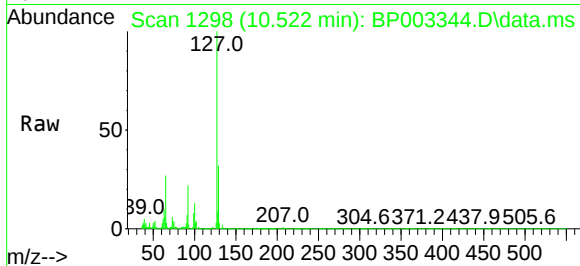
Tgt Ion:122 Resp: 234221  
Ion Ratio Lower Upper  
122 100  
105 126.6 94.1 134.1  
77 90.2 50.1 90.1#





#33  
4-Chloroaniline  
Concen: 5.33 ng  
RT: 10.522 min Scan# 1298  
Delta R.T. 0.012 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

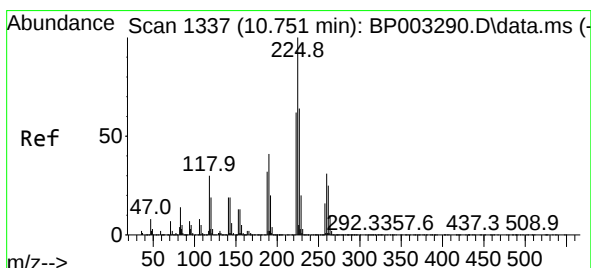
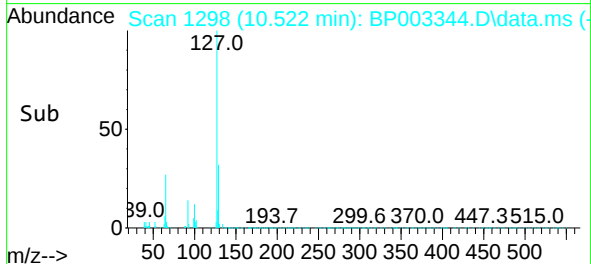
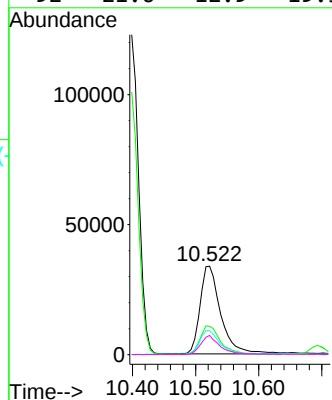
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.0  | 25.7  | 38.5  |
| 65      | 27.2  | 17.3  | 25.9# |
| 92      | 21.6  | 12.9  | 19.3# |

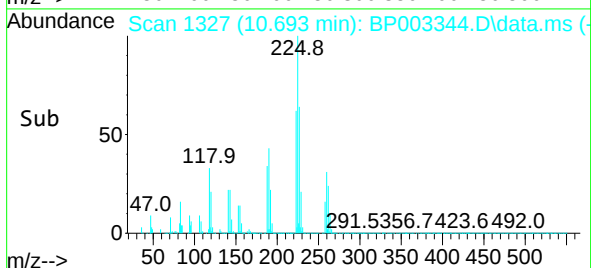
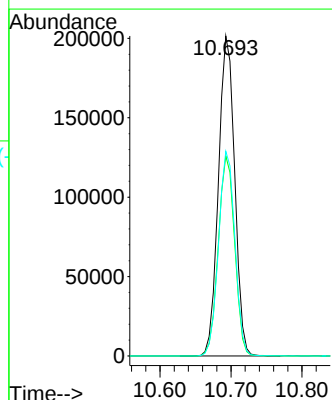
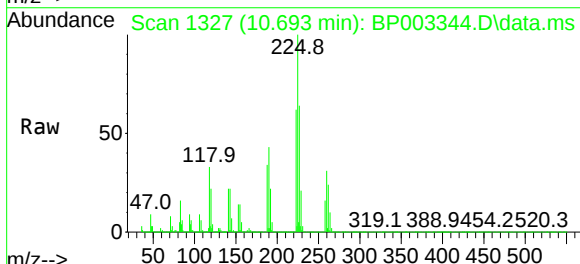
Manual Integrations  
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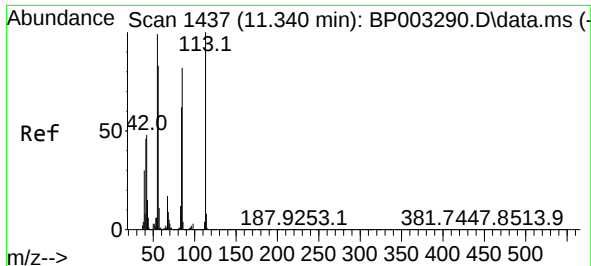
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#34  
Hexachlorobutadiene  
Concen: 37.51 ng  
RT: 10.693 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 50.1  | 75.1  |
| 227     | 63.9  | 51.4  | 77.2  |





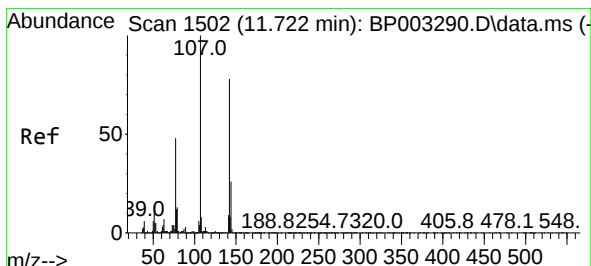
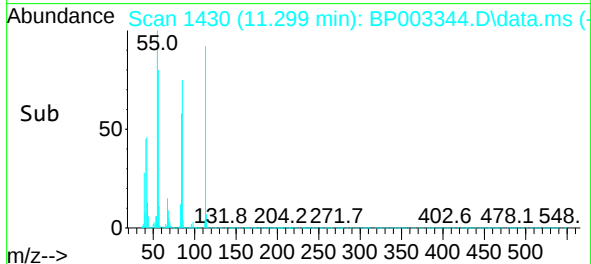
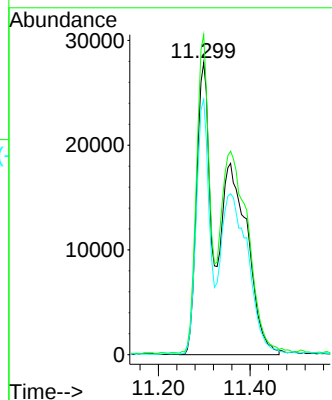
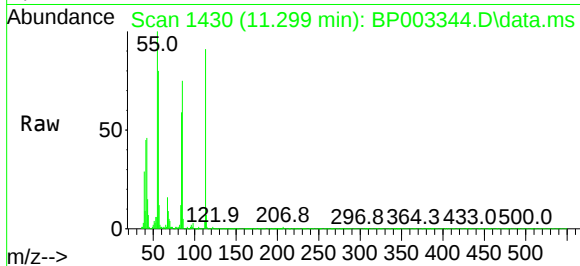
#35  
Caprolactam  
Concen: 36.71 ng m  
RT: 11.299 min Scan# 1430  
Delta R.T. 0.024 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion:113 Resp: 128851  
Ion Ratio Lower Upper  
113 100  
55 109.6 77.3 117.3  
56 87.5 55.9 95.9

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

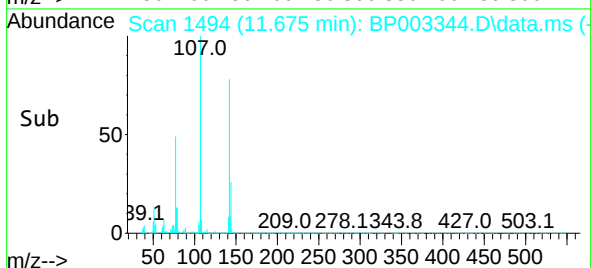
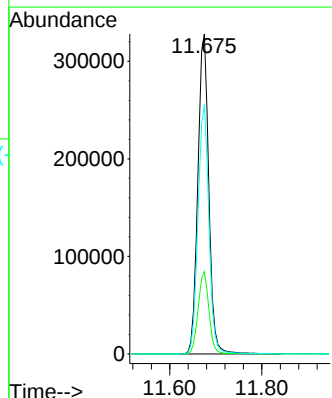
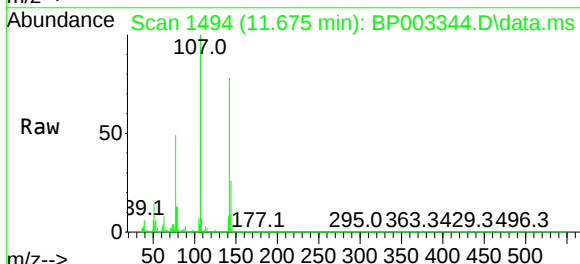
Manual Integrations  
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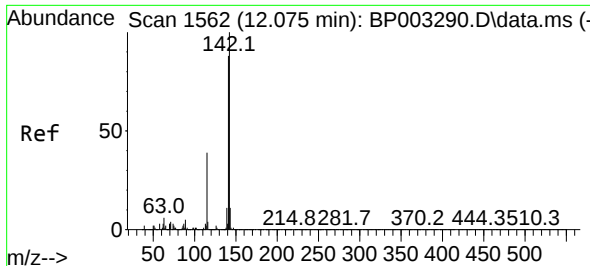
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 47.68 ng  
RT: 11.675 min Scan# 1494  
Delta R.T. 0.012 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

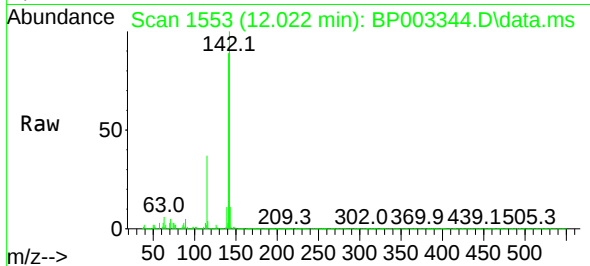
Tgt Ion:107 Resp: 540750  
Ion Ratio Lower Upper  
107 100  
144 25.7 22.7 34.1  
142 78.0 70.7 106.1





#37  
2-Methylnaphthalene  
Concen: 44.48 ng  
RT: 12.022 min Scan# 1553  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

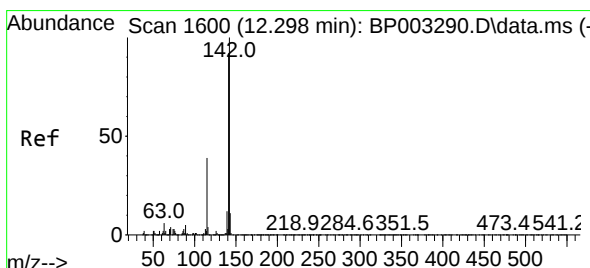
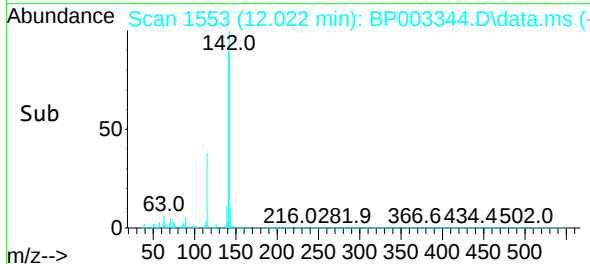
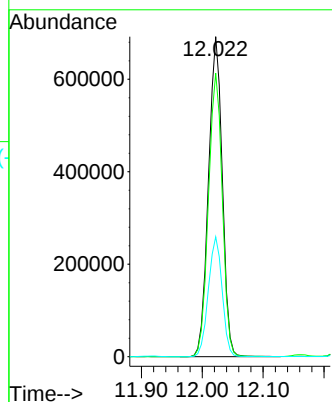
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



Tgt Ion:142 Resp: 1089147  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.4 107.2  
115 37.4 25.8 38.6

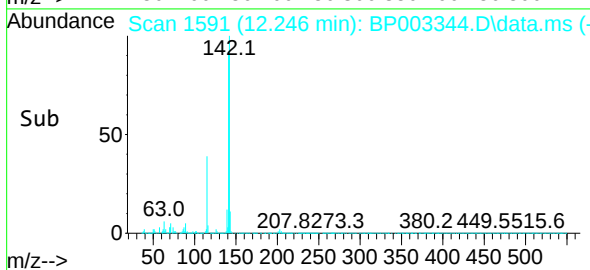
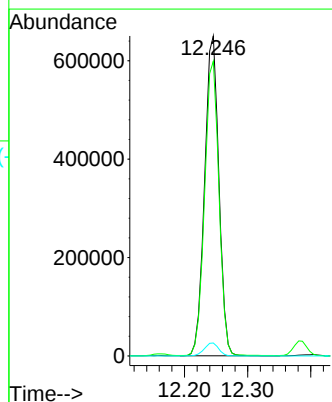
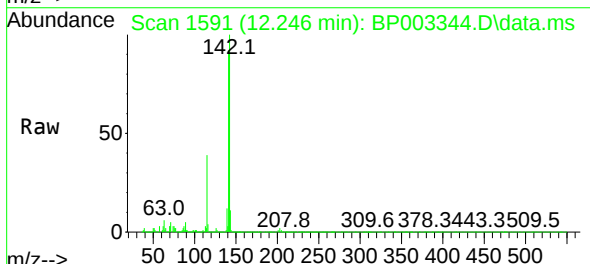
Manual Integrations  
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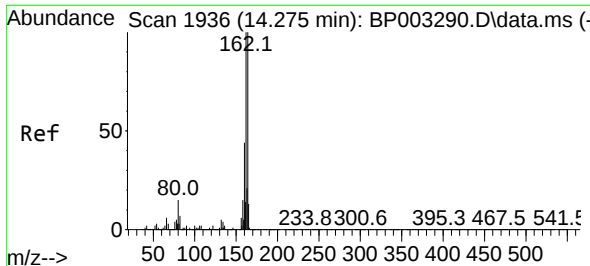
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 43.94 ng  
RT: 12.246 min Scan# 1591  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

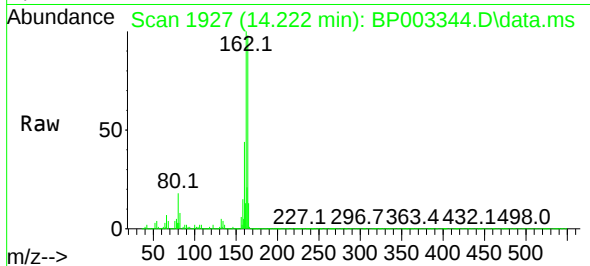
Tgt Ion:142 Resp: 1021590  
Ion Ratio Lower Upper  
142 100  
141 92.1 74.4 111.6  
116 4.0 2.9 4.3





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.222 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

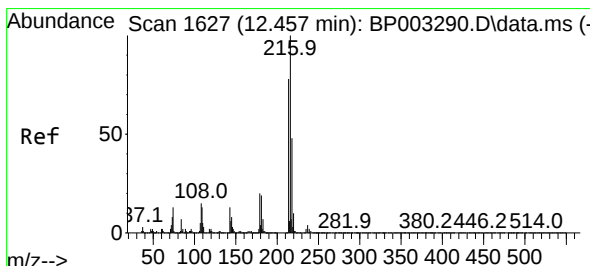
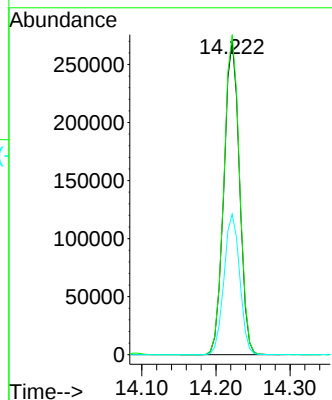
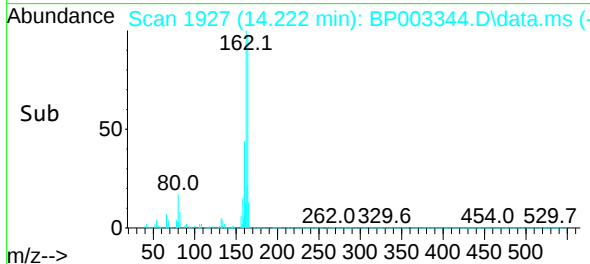
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



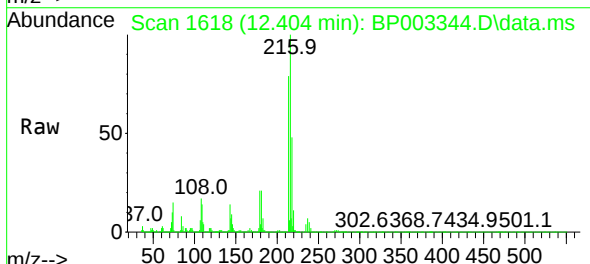
Tgt Ion:164 Resp: 393851  
Ion Ratio Lower Upper  
164 100  
162 102.0 79.4 119.2  
160 44.8 36.1 54.1

Manual Integrations  
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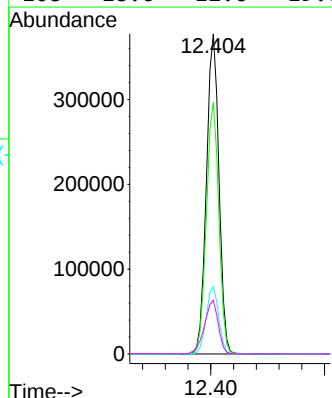
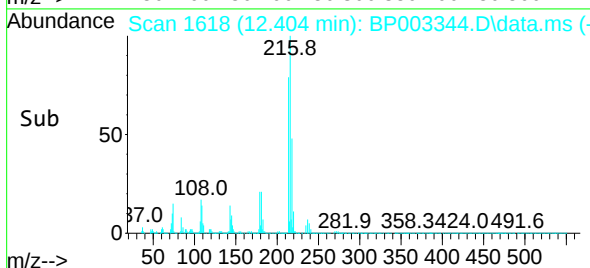
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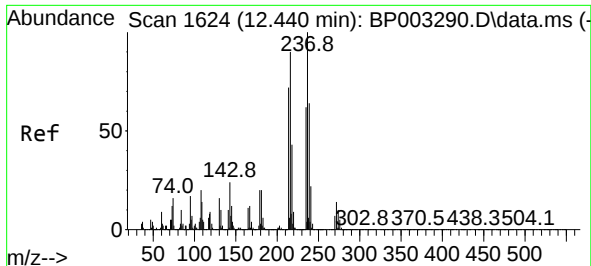


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.49 ng  
RT: 12.404 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



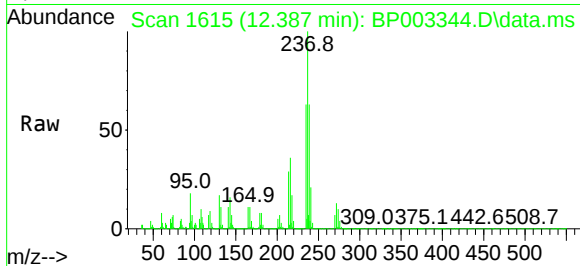
Tgt Ion:216 Resp: 573640  
Ion Ratio Lower Upper  
216 100  
214 78.3 63.0 94.6  
179 21.1 16.9 25.3  
108 18.6 12.6 19.0





#41  
Hexachlorocyclopentadiene  
Concen: 83.32 ng  
RT: 12.387 min Scan# 1615  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

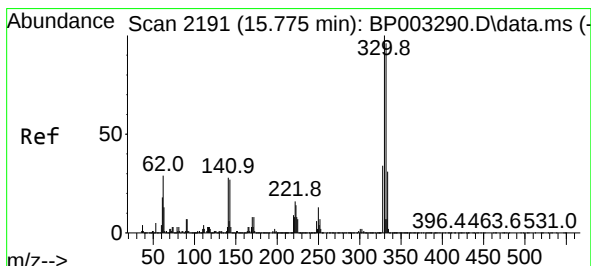
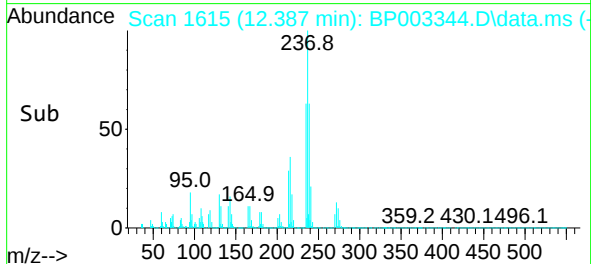
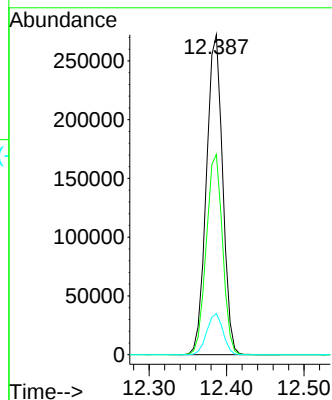
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



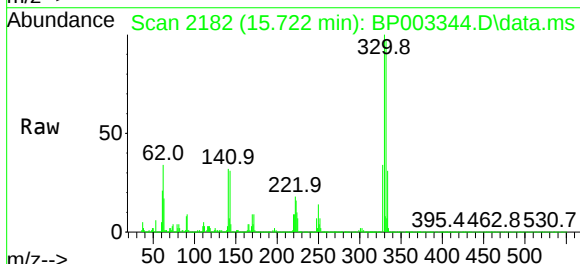
Tgt Ion: 237 Resp: 395679  
Ion Ratio Lower Upper  
237 100  
235 62.5 43.2 83.2  
272 12.8 0.0 33.3

Manual Integrations  
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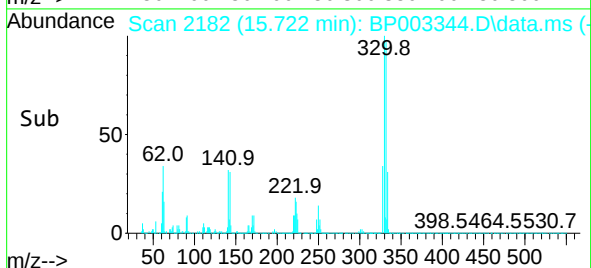
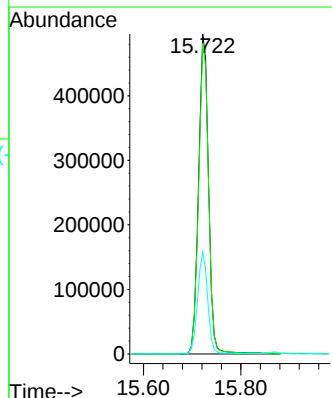
mohammad  
9/23/2020 10:43:58 AM

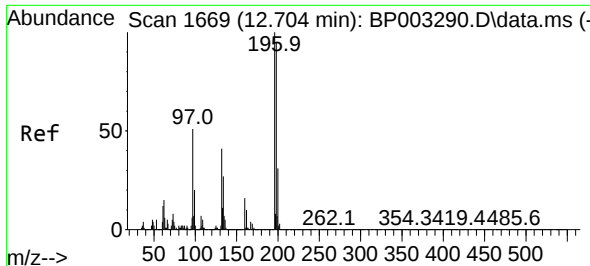


#42  
2,4,6-Tribromophenol  
Concen: 118.05 ng  
RT: 15.722 min Scan# 2182  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



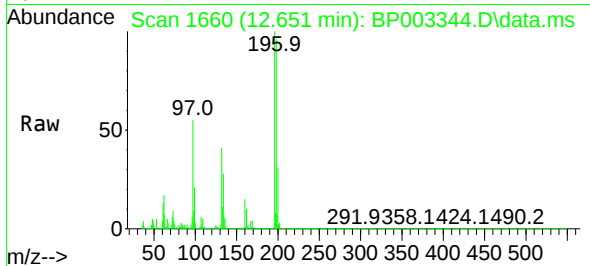
Tgt Ion: 330 Resp: 709167  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.1 115.7  
141 32.2 23.4 35.2





#43  
2,4,6-Trichlorophenol  
Concen: 47.09 ng  
RT: 12.651 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

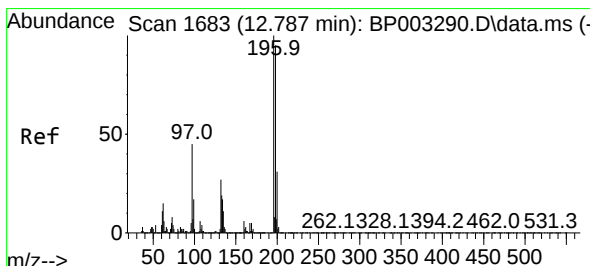
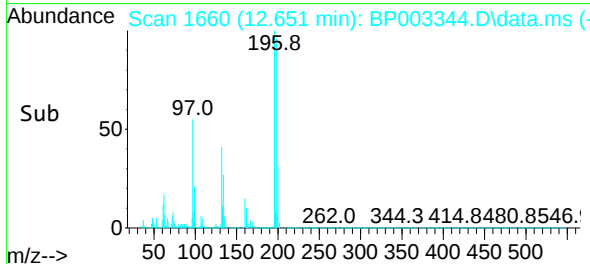
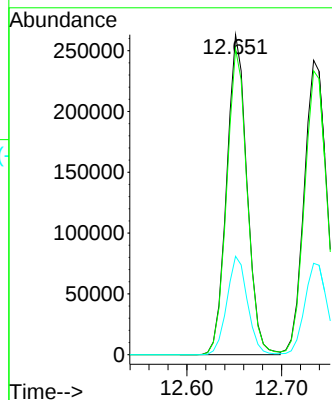
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



Tgt Ion:196 Resp: 392571  
Ion Ratio Lower Upper  
196 100  
198 95.5 77.0 115.6  
200 30.8 25.1 37.7

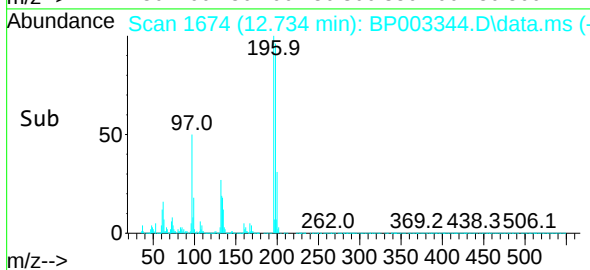
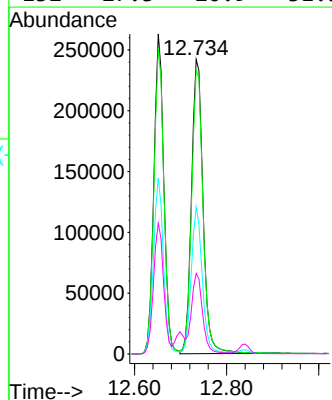
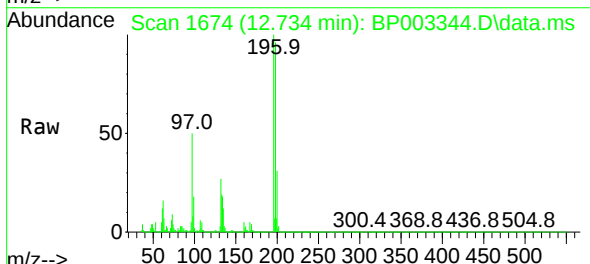
Manual Integrations  
APPROVED

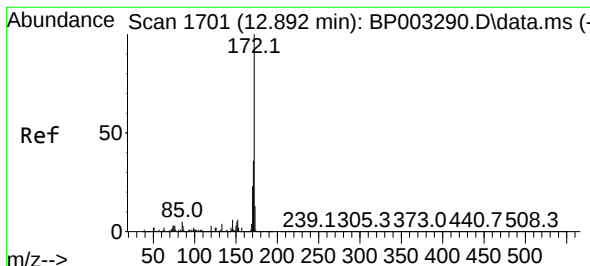
mohammad  
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#44  
2,4,5-Trichlorophenol  
Concen: 48.83 ng  
RT: 12.734 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion:196 Resp: 418813  
Ion Ratio Lower Upper  
196 100  
198 96.4 77.3 115.9  
97 49.9 31.0 46.4#  
132 27.3 20.9 31.3





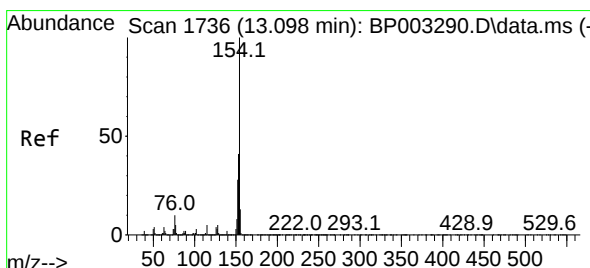
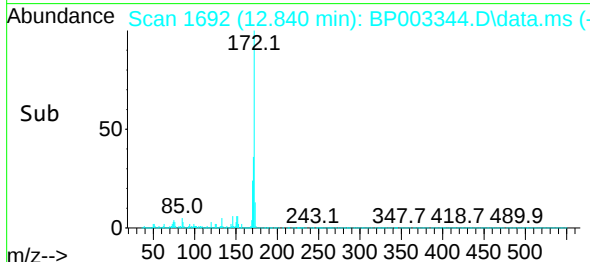
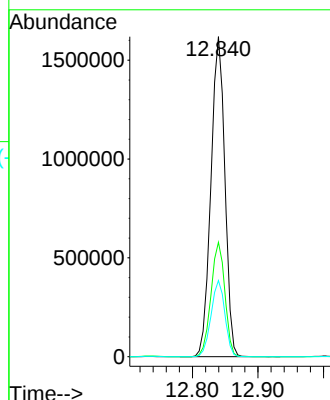
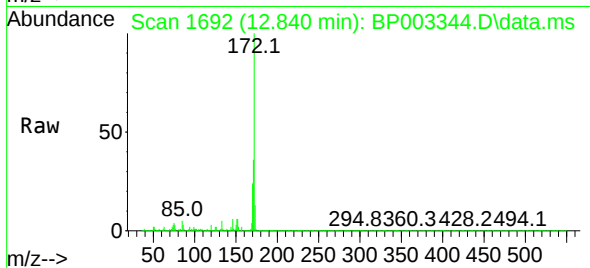
#45  
2-Fluorobiphenyl  
Concen: 88.88 ng  
RT: 12.840 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

Tgt Ion:172 Resp: 2393512  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.5 42.7  
170 23.8 19.2 28.8

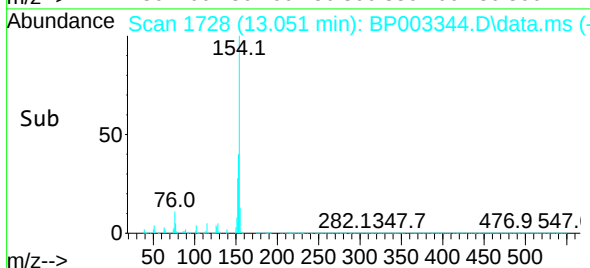
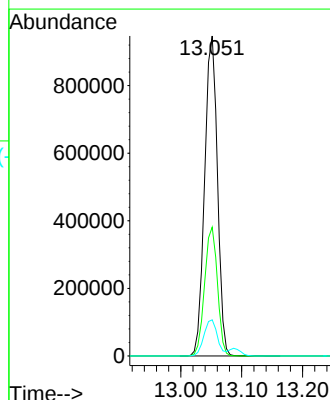
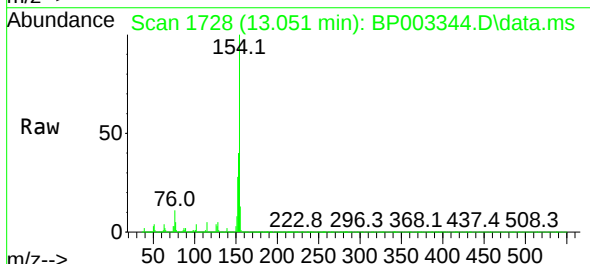
Manual Integrations  
APPROVED

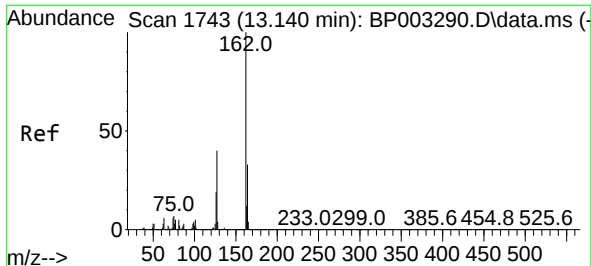
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9/23/2020 10:43:58 AM



#46  
1,1'-Biphenyl  
Concen: 47.18 ng  
RT: 13.051 min Scan# 1728  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

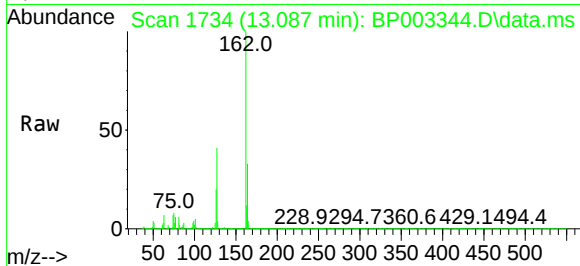
Tgt Ion:154 Resp: 1385769  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.4 60.4  
76 11.3 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 44.14 ng  
RT: 13.087 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

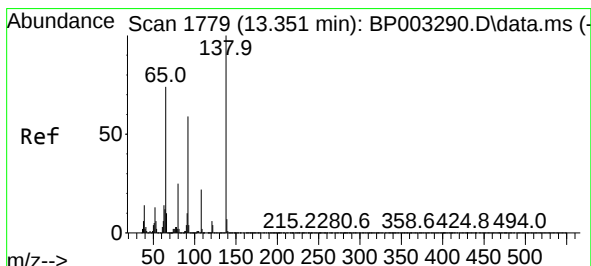
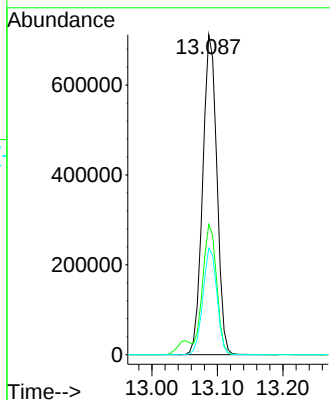
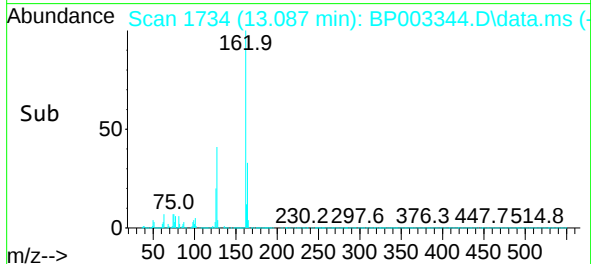
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



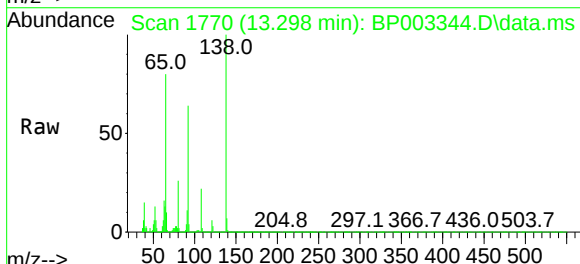
Tgt Ion:162 Resp: 1073761  
Ion Ratio Lower Upper  
162 100  
127 40.7 29.9 44.9  
164 33.2 26.1 39.1

Manual Integrations  
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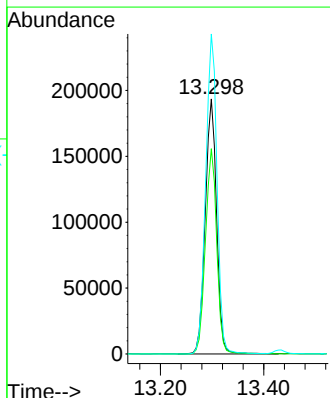
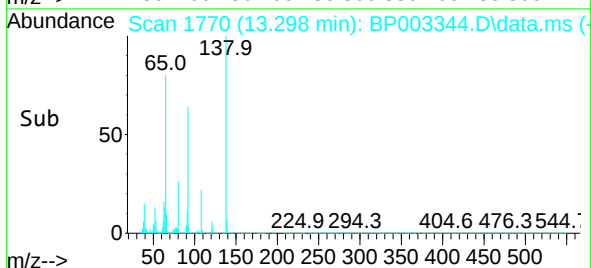
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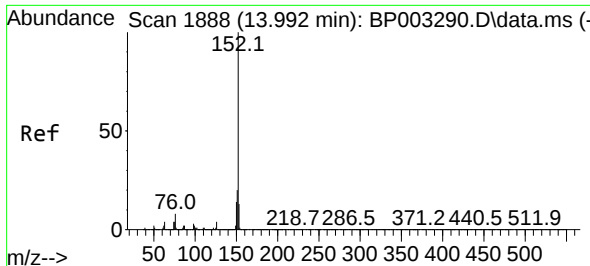


#48  
2-Nitroaniline  
Concen: 48.01 ng  
RT: 13.298 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



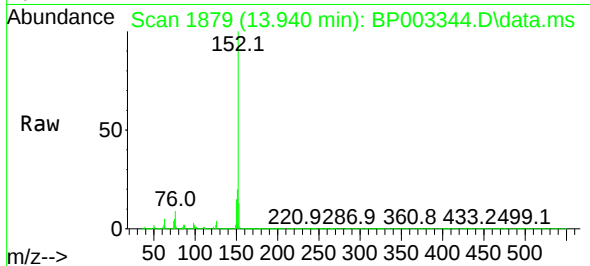
Tgt Ion: 65 Resp: 295528  
Ion Ratio Lower Upper  
65 100  
92 80.5 70.6 106.0  
138 125.5 133.6 200.4#





#49  
Acenaphthylene  
Concen: 46.53 ng  
RT: 13.940 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

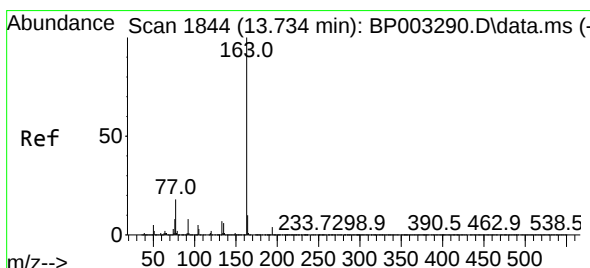
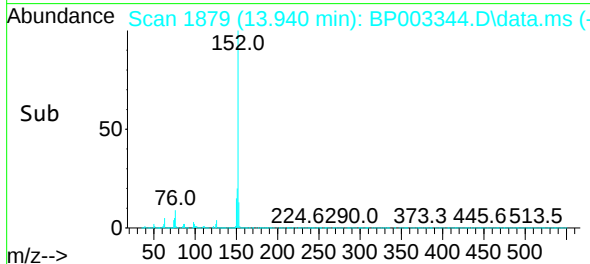
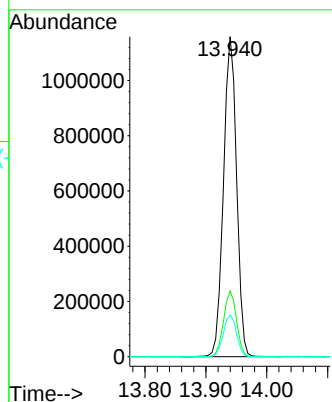
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



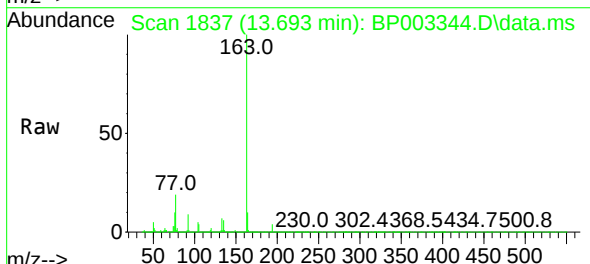
Tgt Ion:152 Resp: 1729479  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.9 23.9  
153 13.1 10.5 15.7

Manual Integrations  
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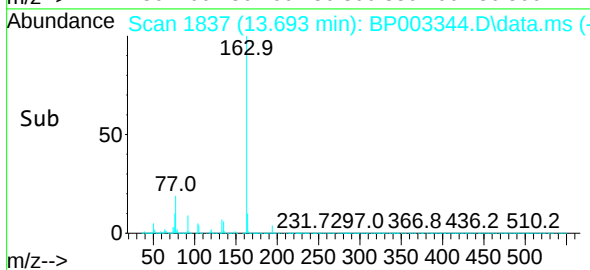
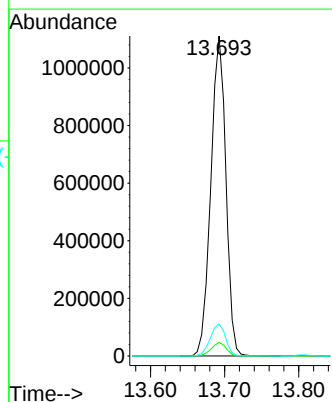
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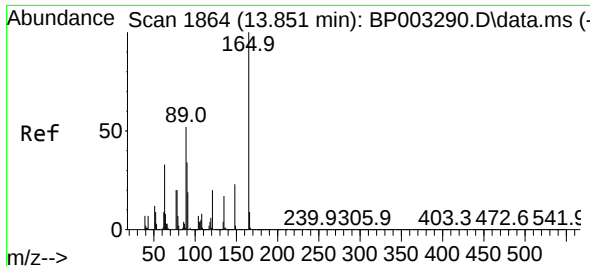


#50  
Dimethylphthalate  
Concen: 49.74 ng  
RT: 13.693 min Scan# 1837  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



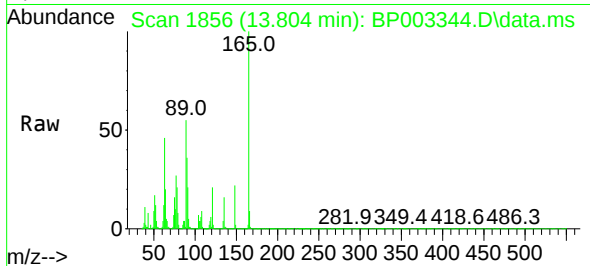
Tgt Ion:163 Resp: 1564439  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.0 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 47.71 ng  
RT: 13.804 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

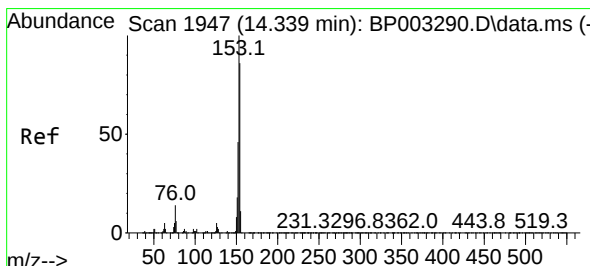
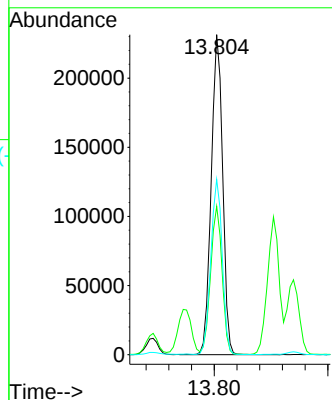
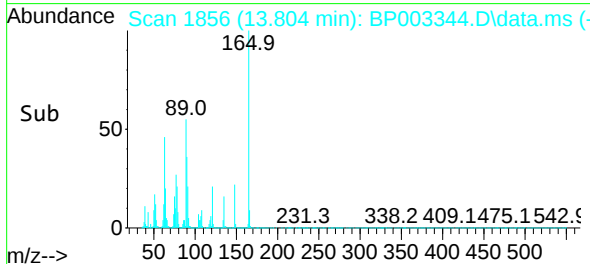
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



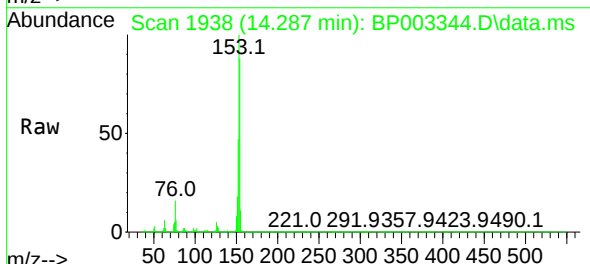
Tgt Ion:165 Resp: 321654  
Ion Ratio Lower Upper  
165 100  
63 46.3 27.8 41.6#  
89 54.8 34.6 52.0#

Manual Integrations  
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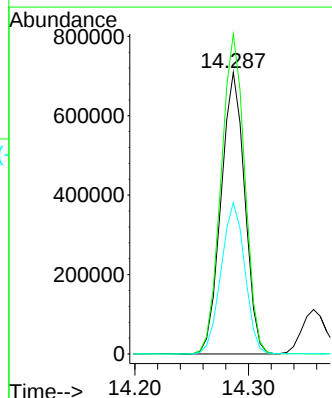
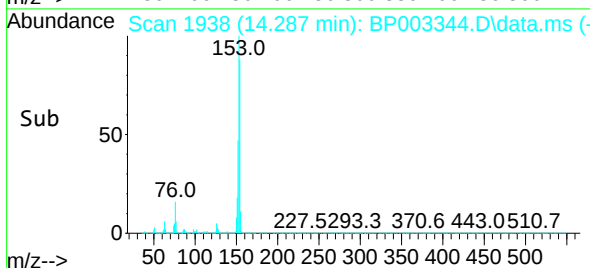
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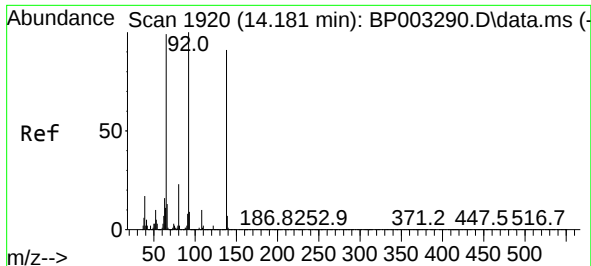


#52  
Acenaphthene  
Concen: 45.33 ng  
RT: 14.287 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



Tgt Ion:154 Resp: 1025275  
Ion Ratio Lower Upper  
154 100  
153 113.7 91.0 136.6  
152 53.8 43.0 64.6





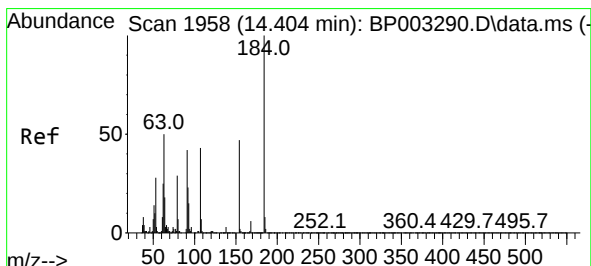
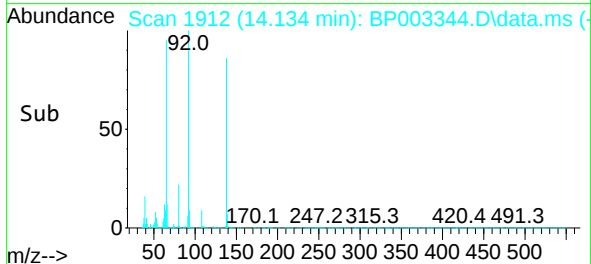
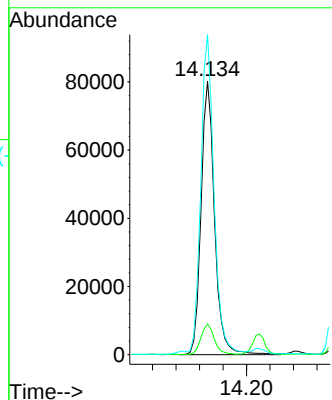
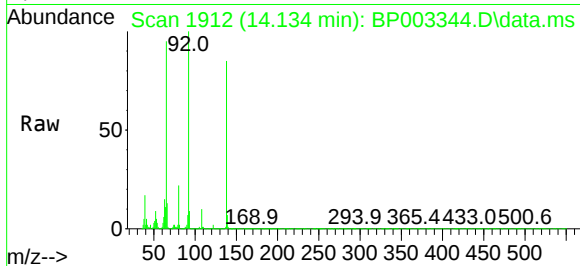
#53  
3-Nitroaniline  
Concen: 17.40 ng  
RT: 14.134 min Scan# 1912  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion:138 Resp: 127132  
Ion Ratio Lower Upper  
138 100  
108 11.3 7.5 11.3  
92 117.0 75.0 112.6#

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

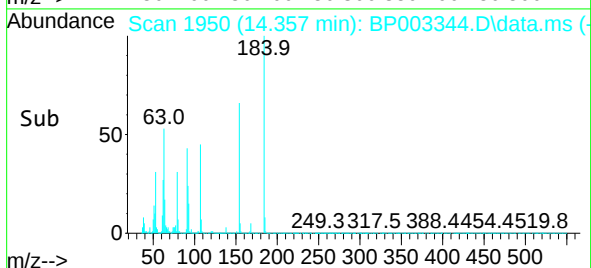
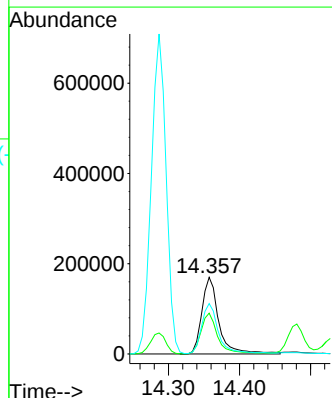
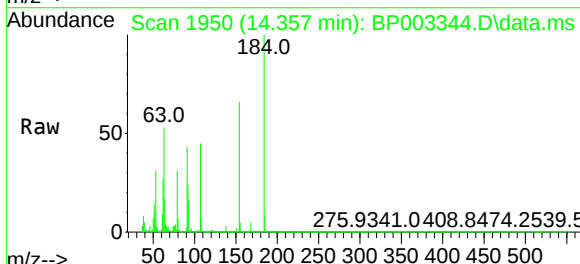
Manual Integrations  
APPROVED

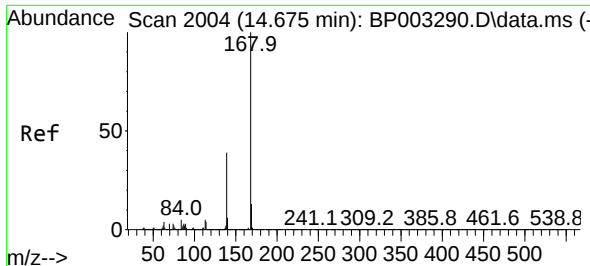
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#54  
2,4-Dinitrophenol  
Concen: 87.97 ng  
RT: 14.357 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

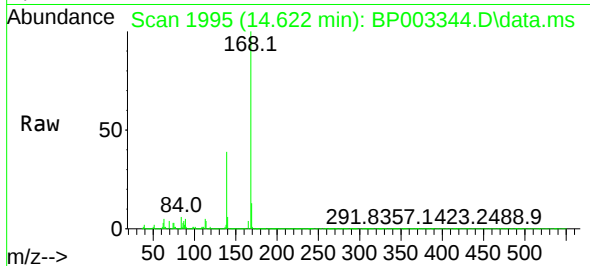
Tgt Ion:184 Resp: 283158  
Ion Ratio Lower Upper  
184 100  
63 53.3 32.3 48.5#  
154 65.9 49.1 73.7





#55  
Dibenzofuran  
Concen: 45.19 ng  
RT: 14.622 min Scan# 1995  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

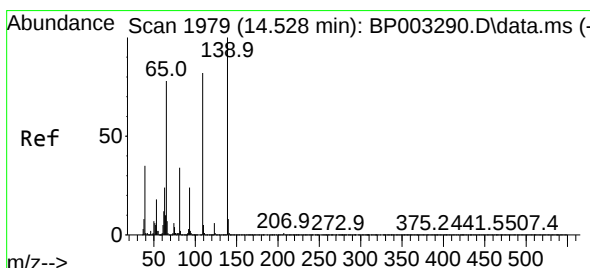
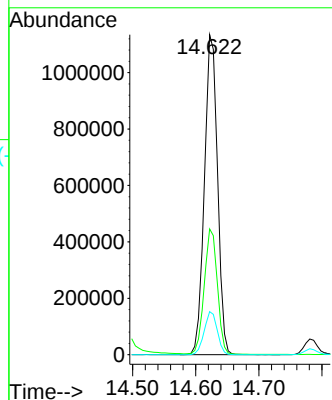
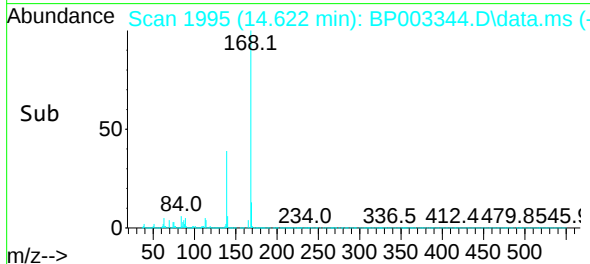
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



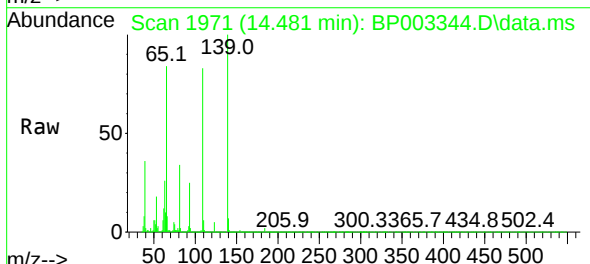
Tgt Ion:168 Resp: 1631398  
Ion Ratio Lower Upper  
168 100  
139 39.3 29.1 43.7  
169 13.5 10.4 15.6

Manual Integrations  
APPROVED

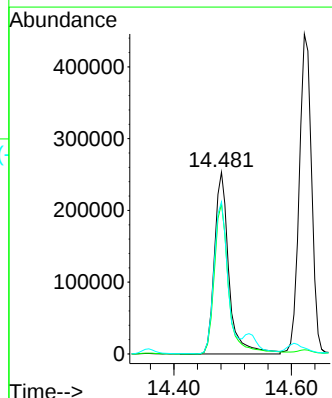
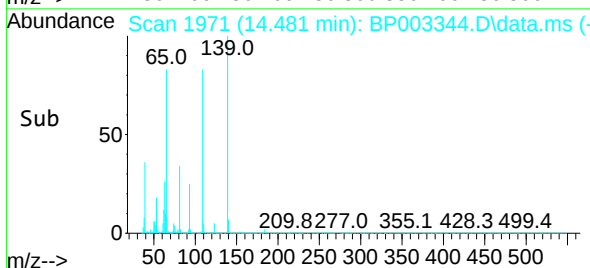
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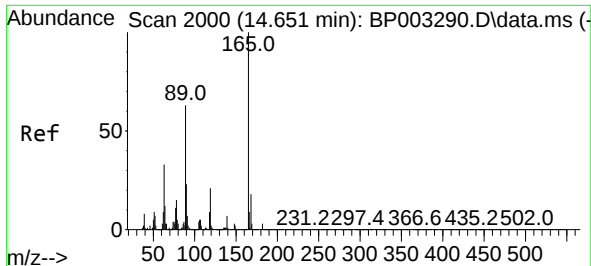


#56  
4-Nitrophenol  
Concen: 96.36 ng  
RT: 14.481 min Scan# 1971  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



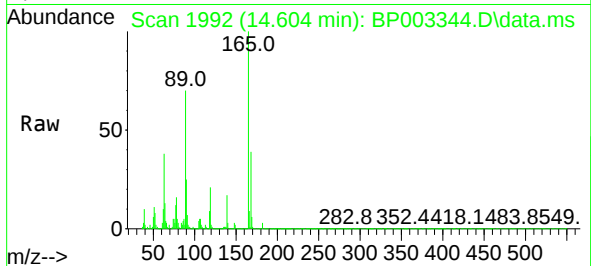
Tgt Ion:139 Resp: 430232  
Ion Ratio Lower Upper  
139 100  
109 82.7 44.6 84.6  
65 83.7 41.6 81.6#





#57  
2,4-Dinitrotoluene  
Concen: 47.28 ng  
RT: 14.604 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

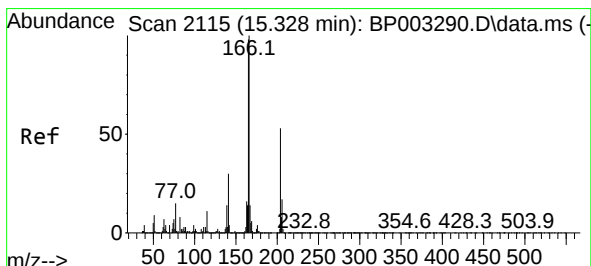
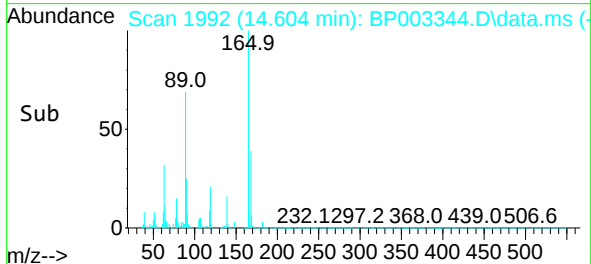
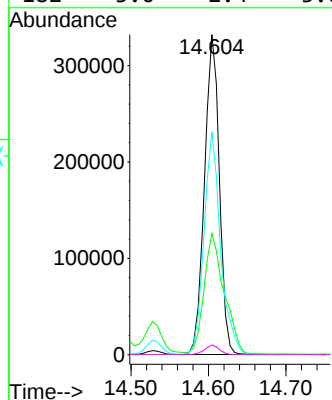
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



Tgt Ion:165 Resp: 442030  
Ion Ratio Lower Upper  
165 100  
63 37.9 20.6 31.0#  
89 69.7 42.6 63.8#  
182 3.0 2.4 3.6

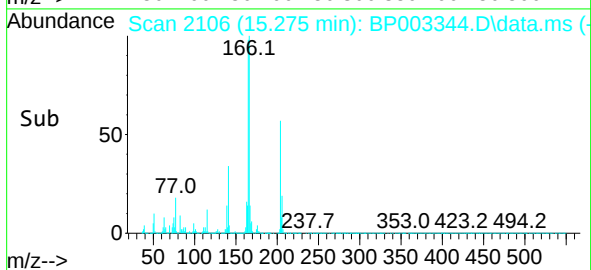
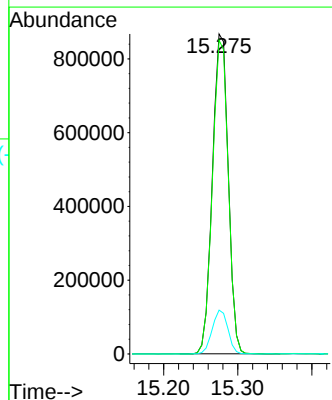
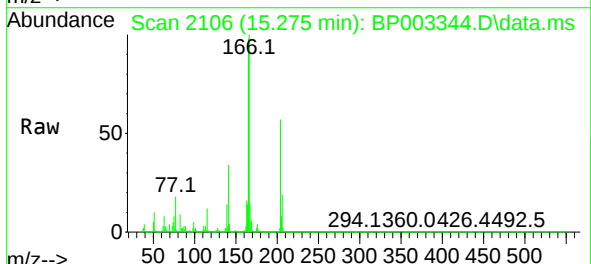
Manual Integrations  
APPROVED

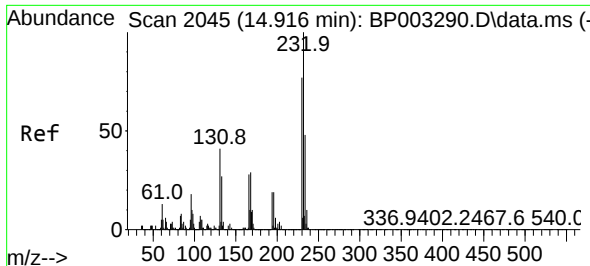
mohammad  
9/23/2020 10:43:58 AM



#58  
Fluorene  
Concen: 45.11 ng  
RT: 15.275 min Scan# 2106  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

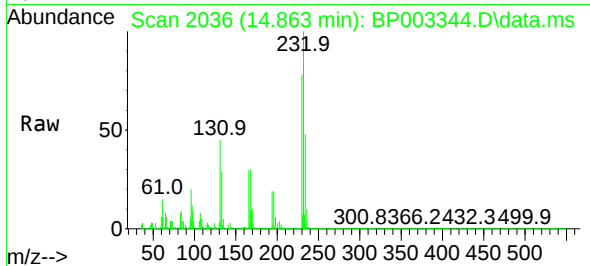
Tgt Ion:166 Resp: 1286111  
Ion Ratio Lower Upper  
166 100  
165 98.0 77.8 116.8  
167 13.7 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.31 ng  
RT: 14.863 min Scan# 2036  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

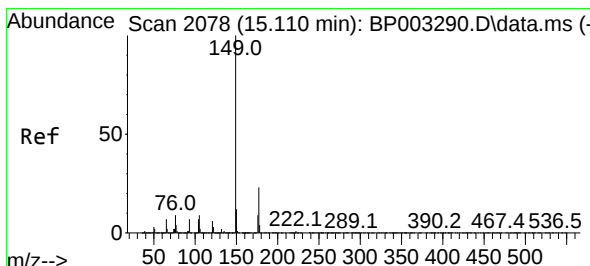
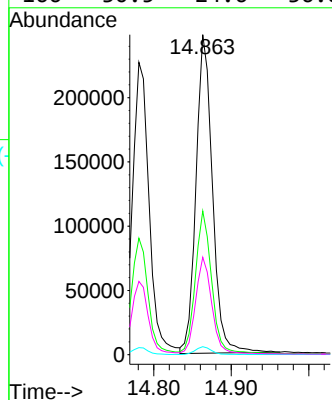
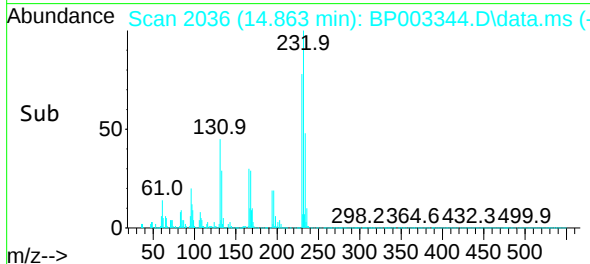
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



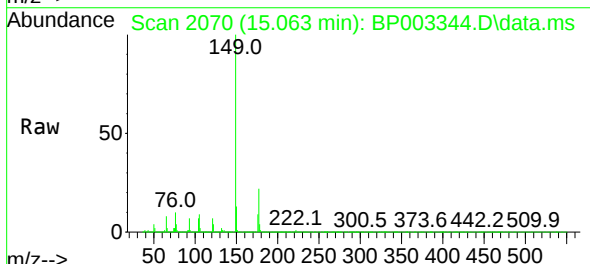
Tgt Ion:232 Resp: 365414  
Ion Ratio Lower Upper  
232 100  
131 44.7 34.1 51.1  
130 2.4 1.8 2.8  
166 30.5 24.6 36.8

Manual Integrations  
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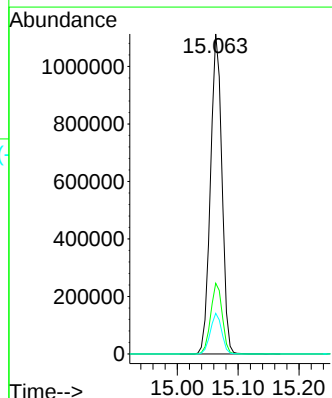
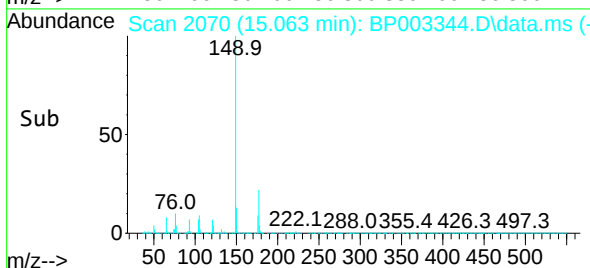
mohammad  
9/23/2020 10:43:58 AM

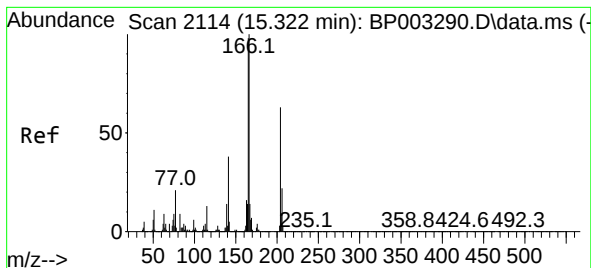


#60  
Diethylphthalate  
Concen: 45.29 ng  
RT: 15.063 min Scan# 2070  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



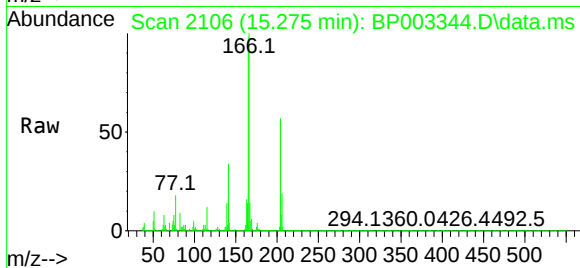
Tgt Ion:149 Resp: 1453009  
Ion Ratio Lower Upper  
149 100  
177 22.1 18.0 27.0  
150 12.7 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 42.60 ng  
RT: 15.275 min Scan# 2106  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

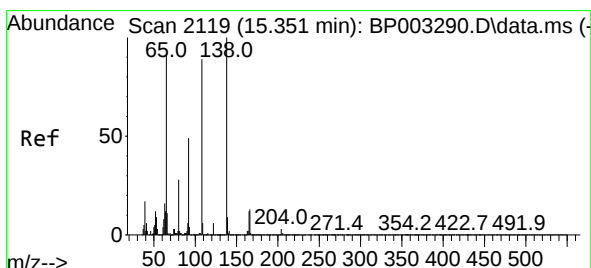
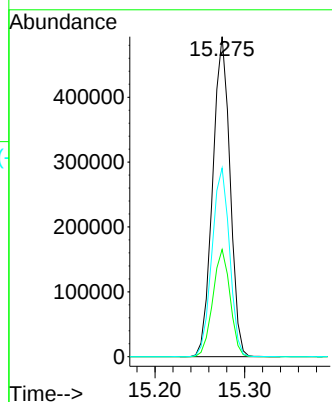
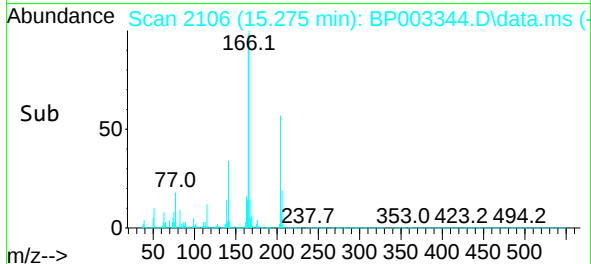
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



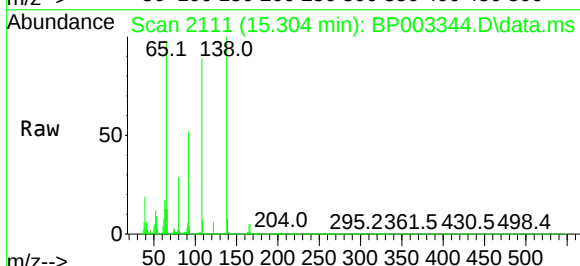
Tgt Ion: 204 Resp: 663093  
Ion Ratio Lower Upper  
204 100  
206 33.5 25.9 38.9  
141 58.9 46.5 69.7

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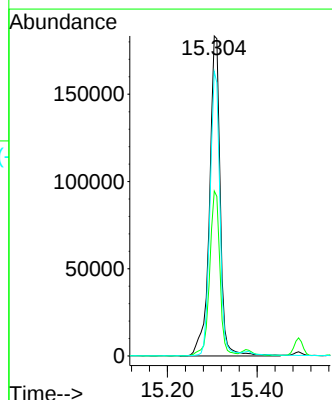
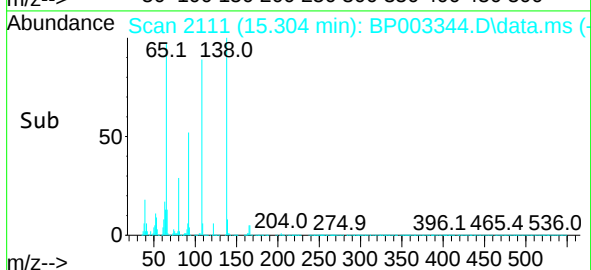
mohammad  
9/23/2020 10:43:58 AM

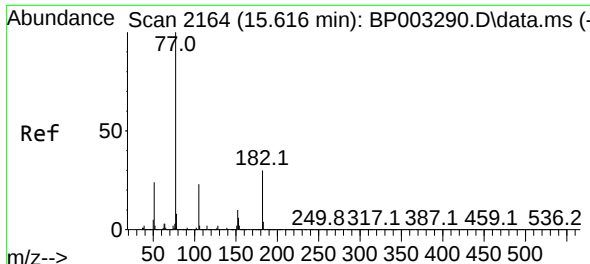


#62  
4-Nitroaniline  
Concen: 39.33 ng  
RT: 15.304 min Scan# 2111  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



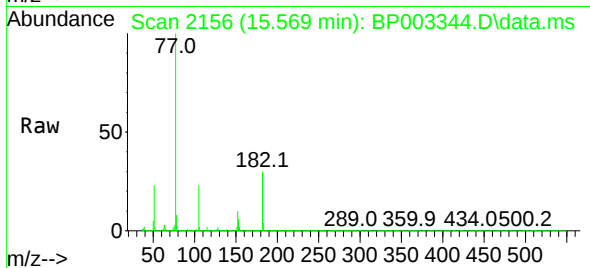
Tgt Ion: 138 Resp: 304903  
Ion Ratio Lower Upper  
138 100  
92 51.6 20.7 60.7  
108 88.9 47.8 87.8#





#63  
Azobenzene  
Concen: 49.92 ng  
RT: 15.569 min Scan# 2156  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

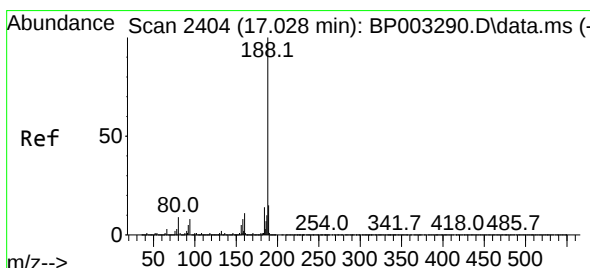
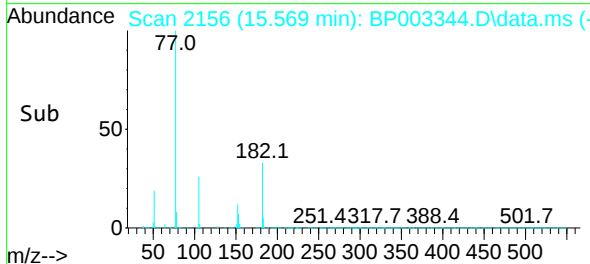
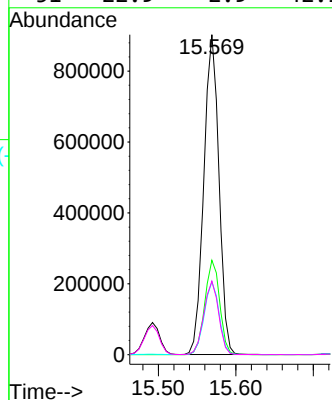


Tgt Ion: 77 Resp: 1220651

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.5  | 16.9  | 56.9  |
| 105 | 22.8  | 5.6   | 45.6  |
| 51  | 22.9  | 2.9   | 42.9  |

Manual Integrations  
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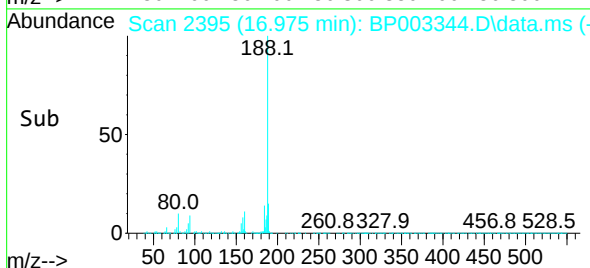
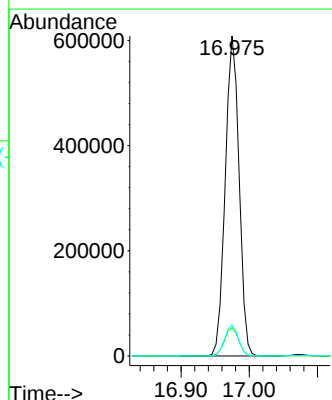
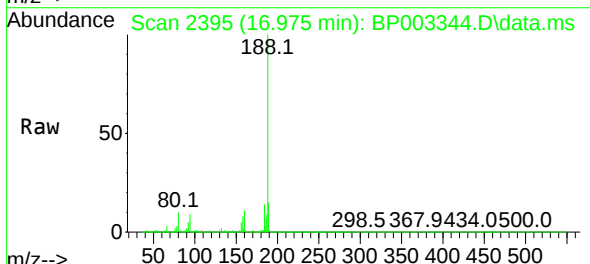
mohammad  
9/23/2020 10:43:58 AM

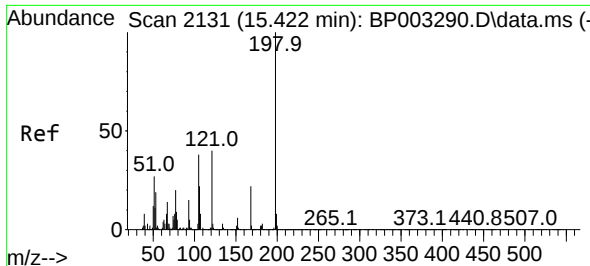


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.975 min Scan# 2395  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion: 188 Resp: 858779

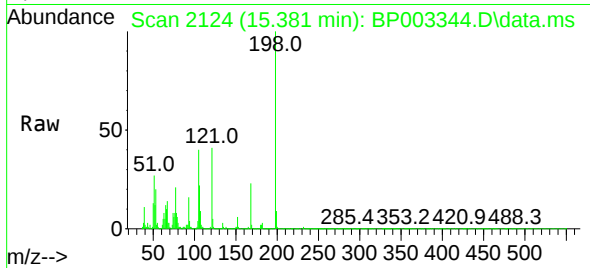
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.9   | 6.2   | 9.2   |
| 80  | 9.7   | 6.2   | 9.2#  |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.42 ng  
RT: 15.381 min Scan# 2124  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

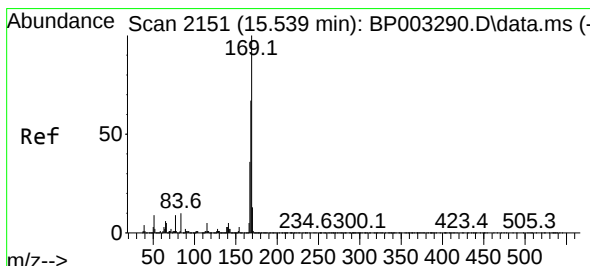
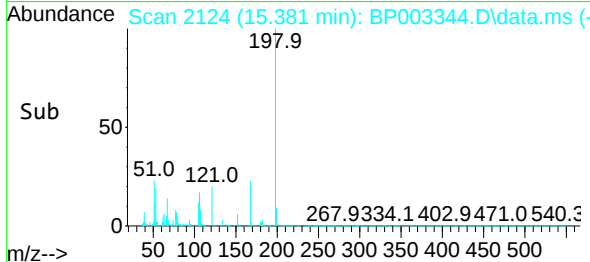
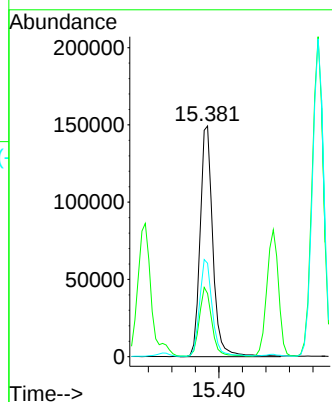
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



Tgt Ion:198 Resp: 223961  
Ion Ratio Lower Upper  
198 100  
51 27.4 6.4 46.4  
105 40.5 18.9 58.9

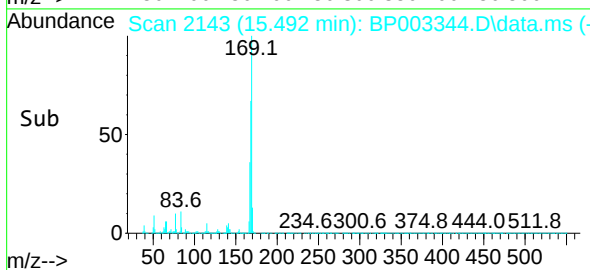
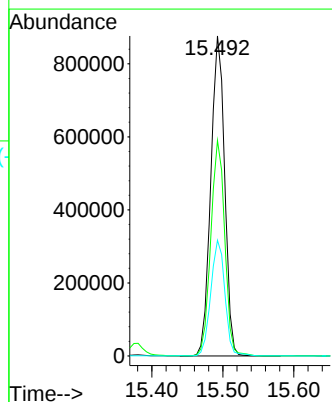
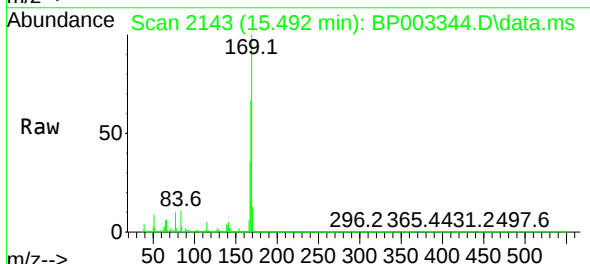
Manual Integrations  
APPROVED

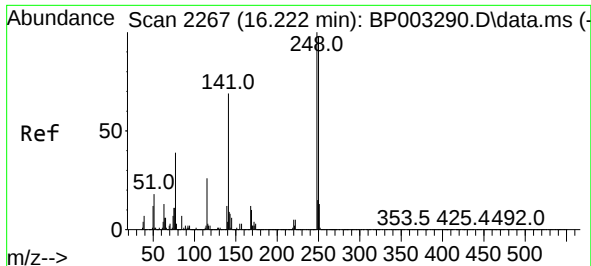
mohammad  
9/23/2020 10:43:58 AM



#66  
n-Nitrosodiphenylamine  
Concen: 47.12 ng  
RT: 15.492 min Scan# 2143  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

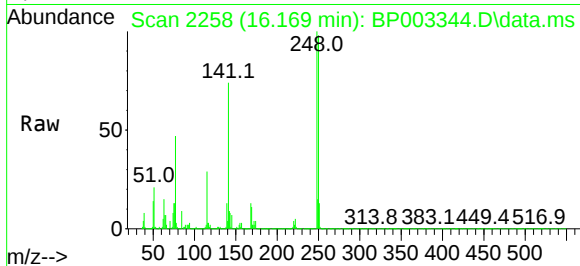
Tgt Ion:169 Resp: 1188696  
Ion Ratio Lower Upper  
169 100  
168 67.4 53.8 80.6  
167 36.2 28.9 43.3





#67  
4-Bromophenyl-phenylether  
Concen: 43.72 ng  
RT: 16.169 min Scan# 2258  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

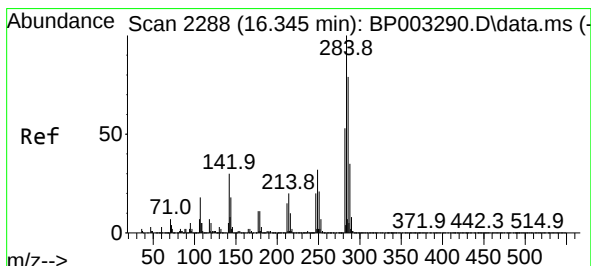
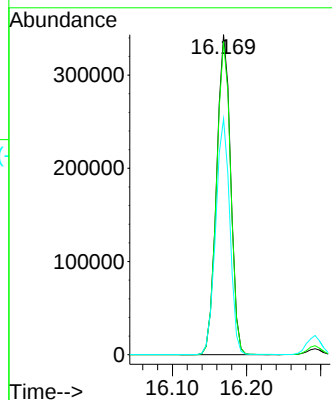
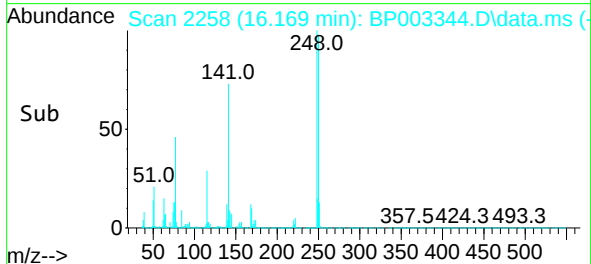
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



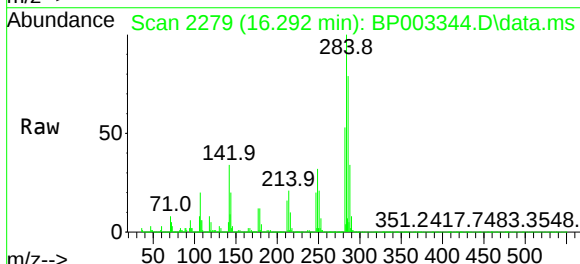
Tgt Ion:248 Resp: 453833  
Ion Ratio Lower Upper  
248 100  
250 97.8 76.7 115.1  
141 73.7 53.0 79.6

Manual Integrations  
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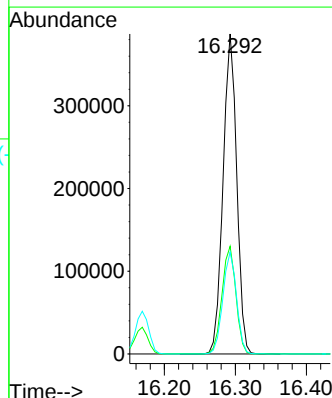
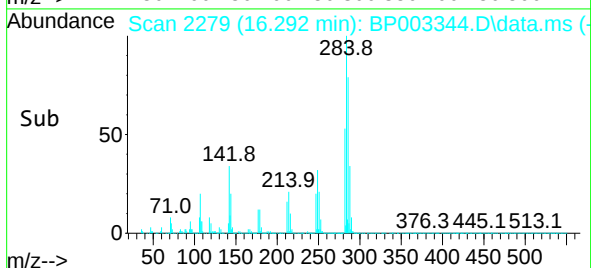
mohammad  
9/23/2020 10:43:58 AM

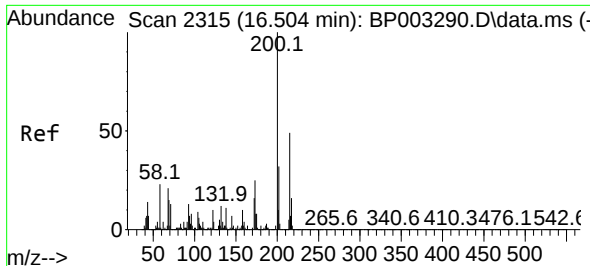


#68  
Hexachlorobenzene  
Concen: 41.67 ng  
RT: 16.292 min Scan# 2279  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



Tgt Ion:284 Resp: 513854  
Ion Ratio Lower Upper  
284 100  
142 33.7 24.2 36.4  
249 31.9 23.8 35.8





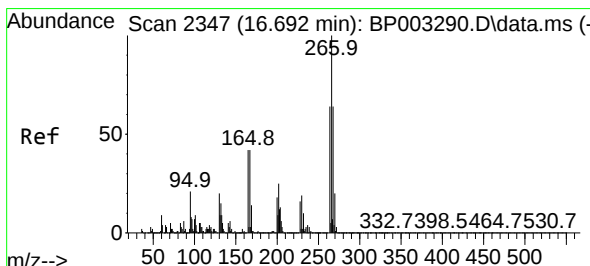
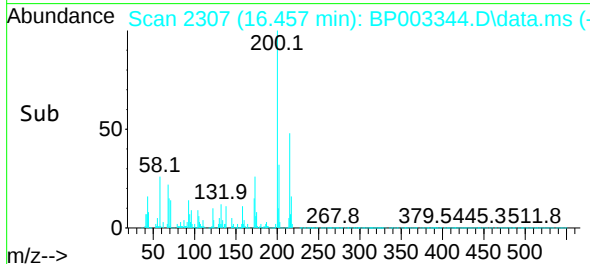
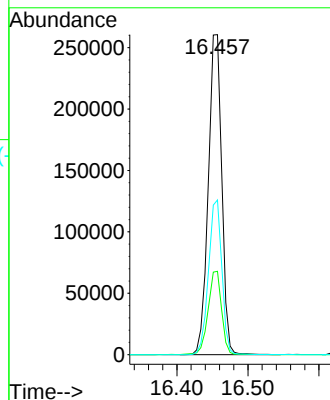
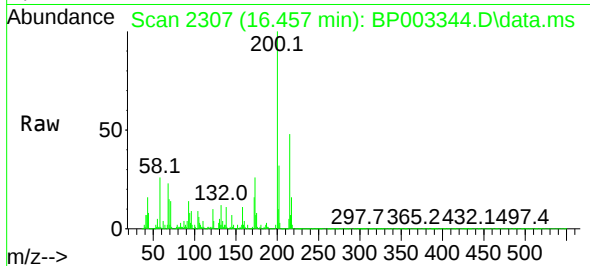
#69  
Atrazine  
Concen: 34.88 ng  
RT: 16.457 min Scan# 2307  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.0  | 5.9   | 45.9  |
| 215     | 48.3  | 28.4  | 68.4  |

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

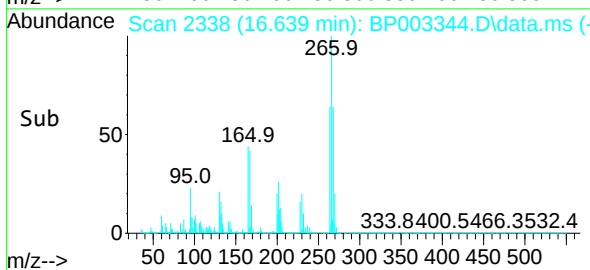
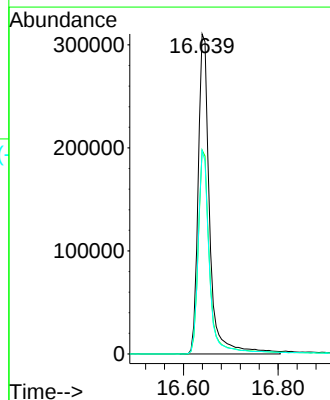
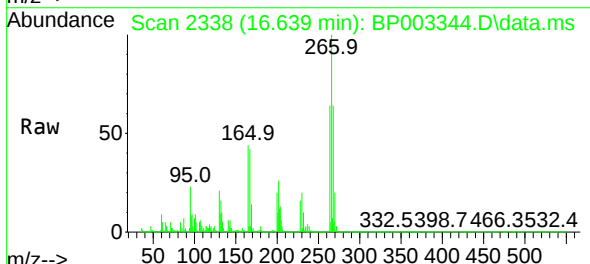
Manual Integrations  
APPROVED

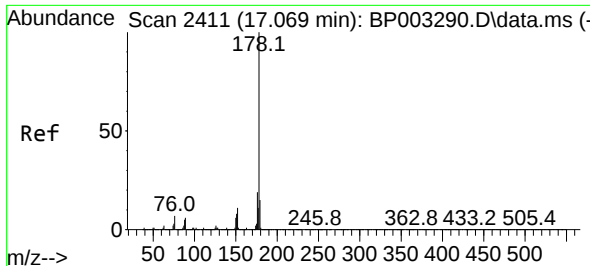
mohammad  
9/23/2020 10:43:58 AM



#70  
Pentachlorophenol  
Concen: 96.98 ng  
RT: 16.639 min Scan# 2338  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

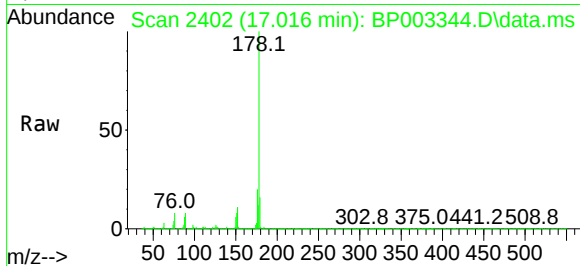
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.7  | 51.1  | 76.7  |
| 264     | 63.5  | 50.6  | 76.0  |





#71  
Phenanthrene  
Concen: 46.01 ng  
RT: 17.016 min Scan# 2402  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

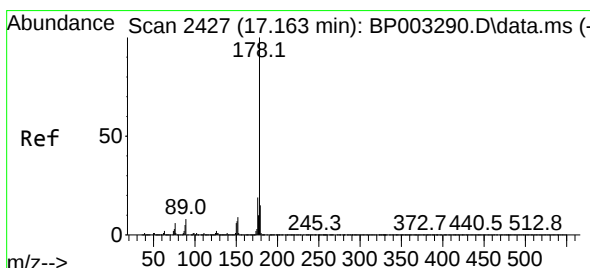
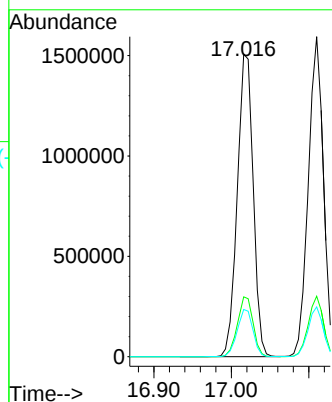
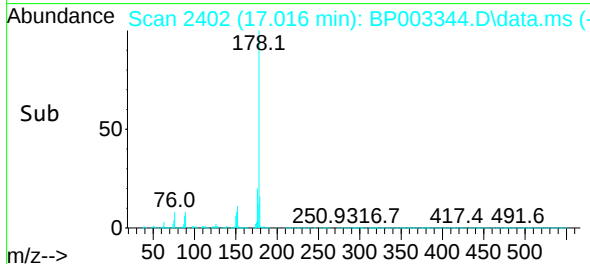
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



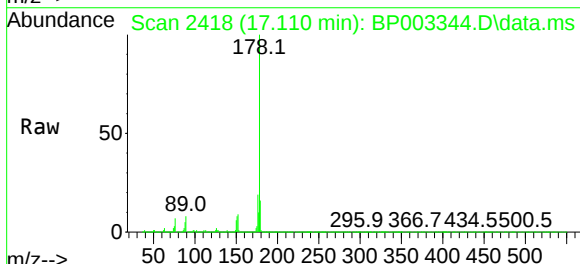
Tgt Ion:178 Resp: 2149860  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.3 22.9  
179 15.6 12.5 18.7

Manual Integrations  
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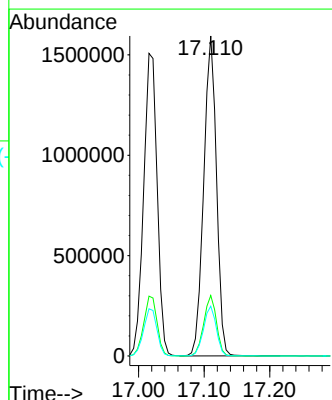
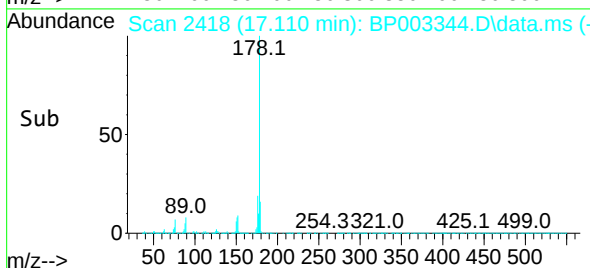
mohammad  
9/23/2020 10:43:58 AM

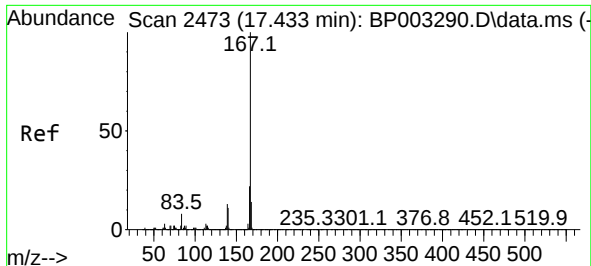


#72  
Anthracene  
Concen: 46.94 ng  
RT: 17.110 min Scan# 2418  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



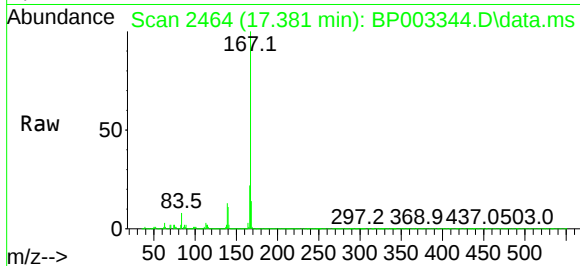
Tgt Ion:178 Resp: 2161445  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.6 12.5 18.7





#73  
 Carbazole  
 Concen: 46.50 ng  
 RT: 17.381 min Scan# 2464  
 Delta R.T. 0.000 min  
 Lab File: BP003344.D  
 Acq: 22 Sep 2020 18:03

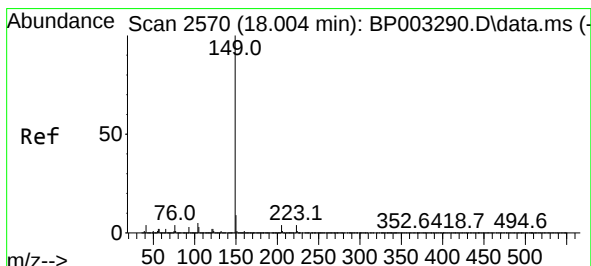
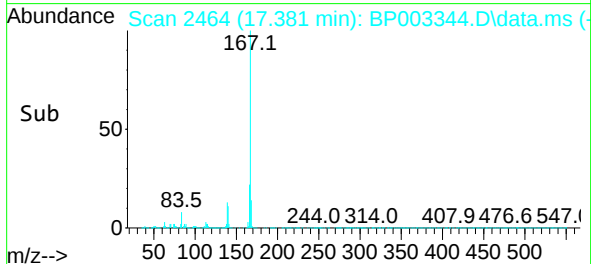
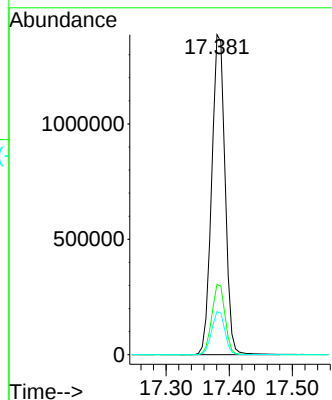
Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-02-091820MS



Tgt Ion:167 Resp: 2033763  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.6 26.4  
 139 13.5 10.2 15.4

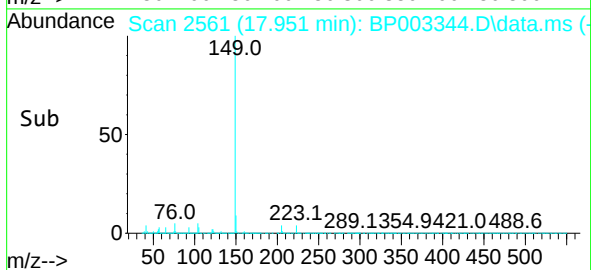
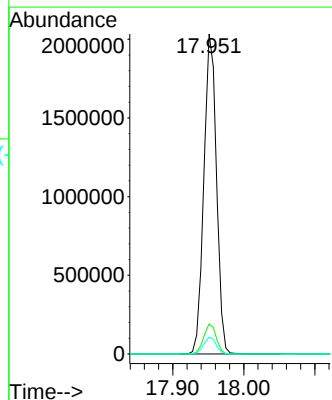
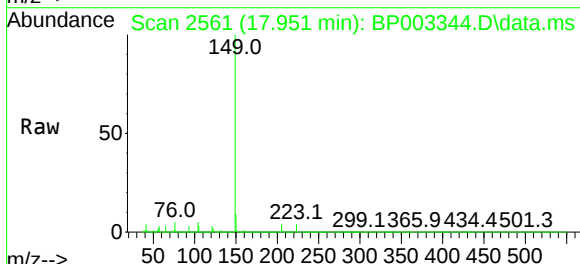
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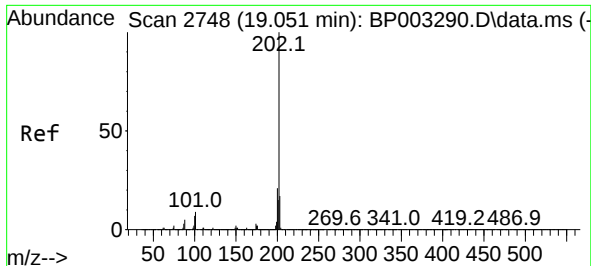
mohammad  
 9/23/2020 10:43:58 AM



#74  
 Di-n-butylphthalate  
 Concen: 44.97 ng  
 RT: 17.951 min Scan# 2561  
 Delta R.T. 0.000 min  
 Lab File: BP003344.D  
 Acq: 22 Sep 2020 18:03

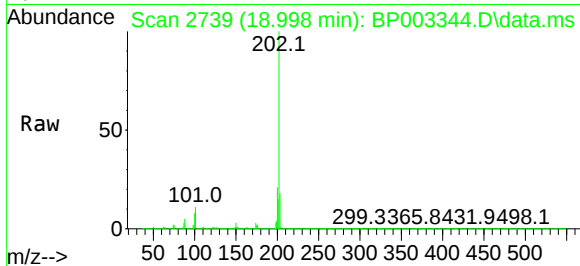
Tgt Ion:149 Resp: 2514407  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.3 10.9  
 104 5.3 3.4 5.0#





#75  
Fluoranthene  
Concen: 44.27 ng  
RT: 18.998 min Scan# 2739  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

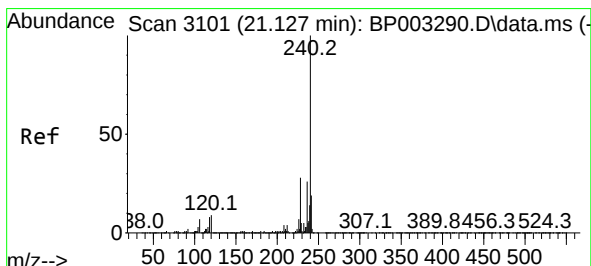
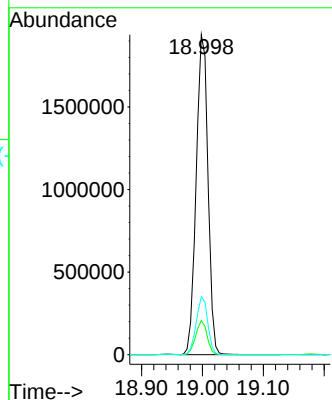
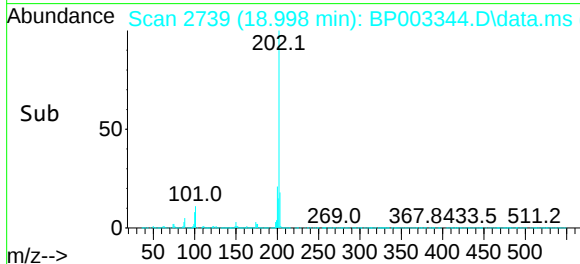
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



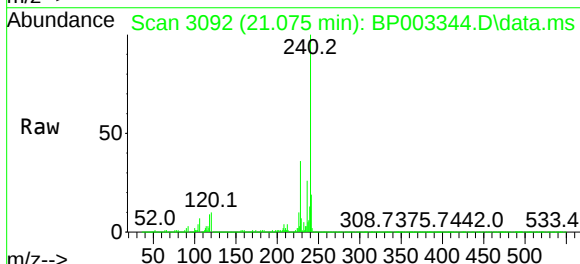
Tgt Ion:202 Resp: 2601041  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 29.4  
203 18.1 0.0 37.8

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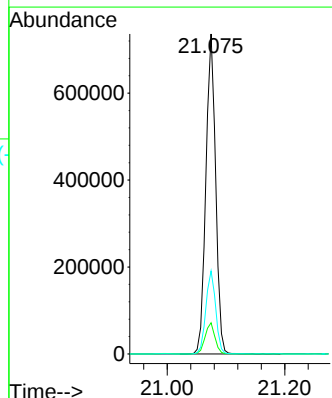
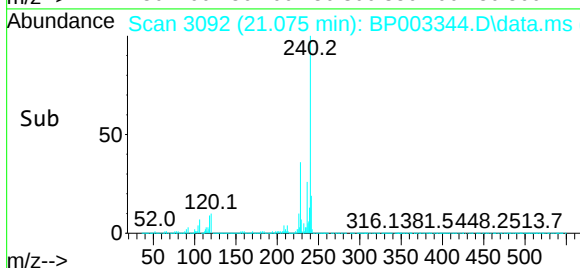
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9/23/2020 10:43:58 AM

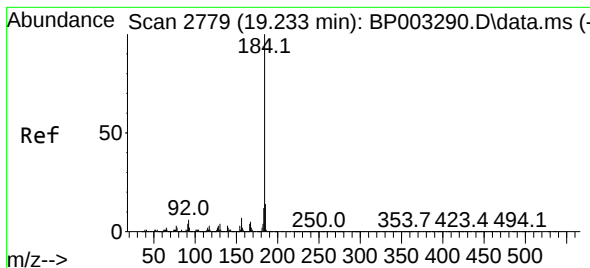


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.075 min Scan# 3092  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



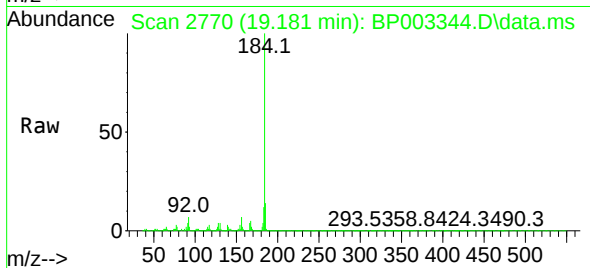
Tgt Ion:240 Resp: 846305  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.8 11.6  
236 25.9 20.8 31.2





#77  
Benzidine  
Concen: 34.81 ng  
RT: 19.181 min Scan# 2770  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

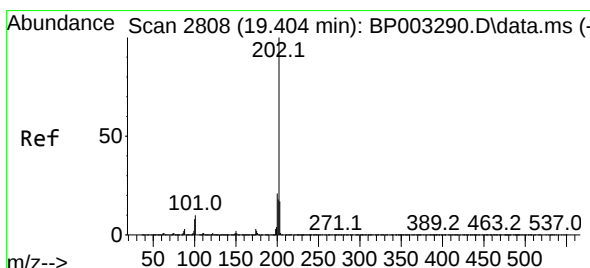
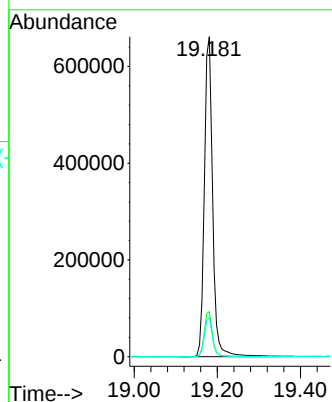
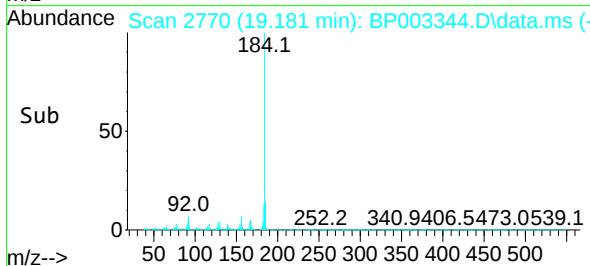
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



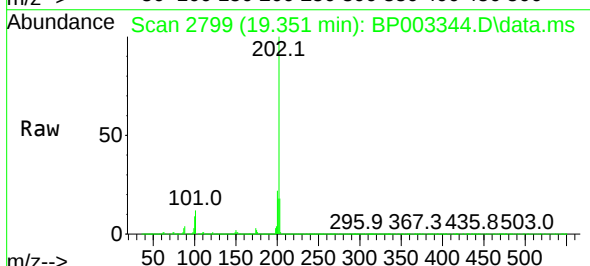
Tgt Ion:184 Resp: 913485  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.5 17.3  
183 12.2 9.6 14.4

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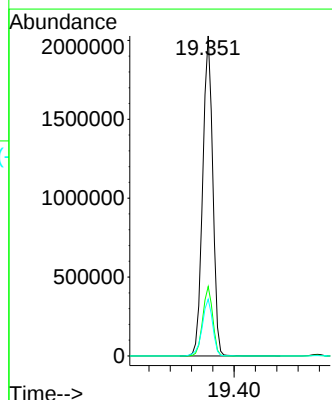
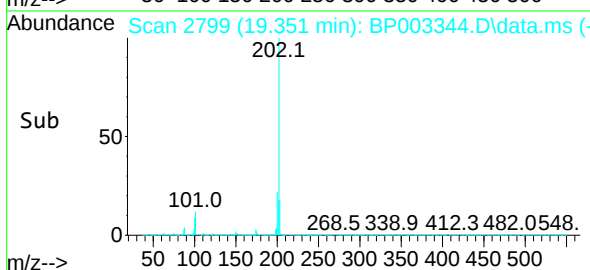
mohammad  
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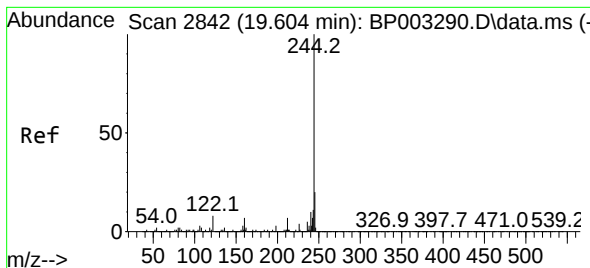


#78  
Pyrene  
Concen: 50.25 ng  
RT: 19.351 min Scan# 2799  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



Tgt Ion:202 Resp: 2652240  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.1 25.7  
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 86.55 ng

RT: 19.557 min Scan# 2834

Delta R.T. 0.006 min

Lab File: BP003344.D

Acq: 22 Sep 2020 18:03

Tgt Ion:244 Resp: 3515428

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 8.2 7.8 11.8

Instrument :

BNA\_P

ClientSampleId :

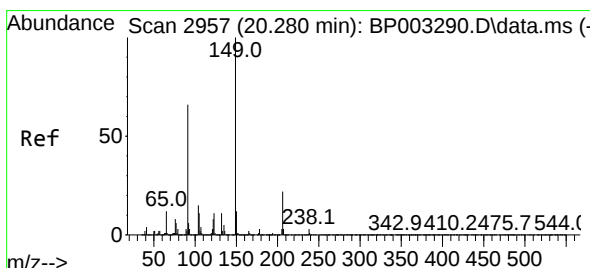
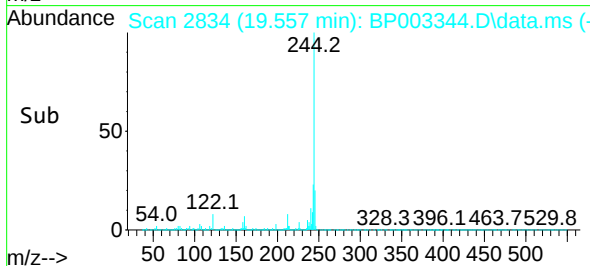
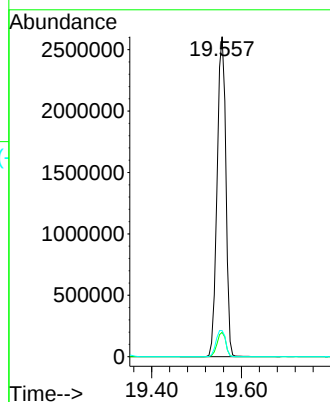
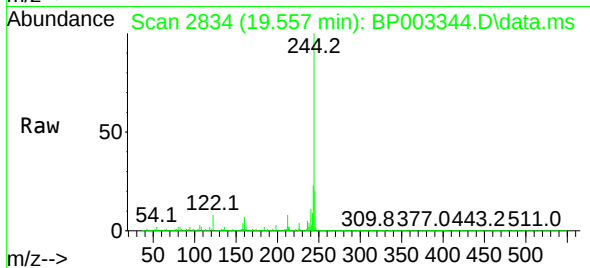
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#80

Butylbenzylphthalate

Concen: 49.51 ng

RT: 20.233 min Scan# 2949

Delta R.T. 0.000 min

Lab File: BP003344.D

Acq: 22 Sep 2020 18:03

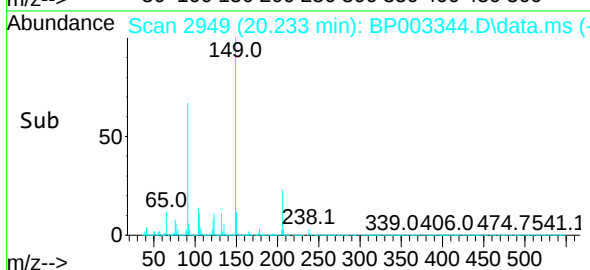
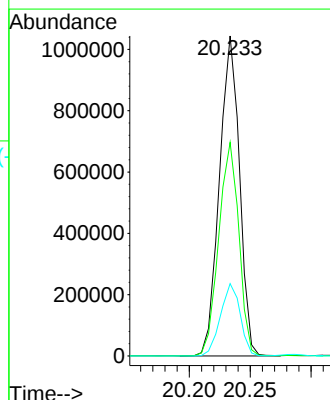
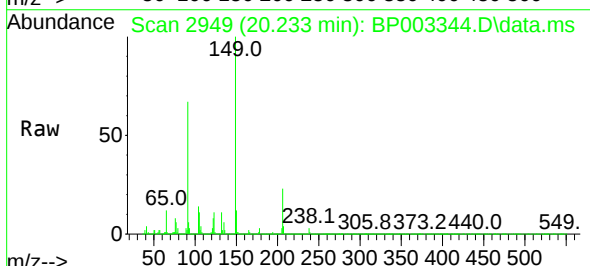
Tgt Ion:149 Resp: 1195539

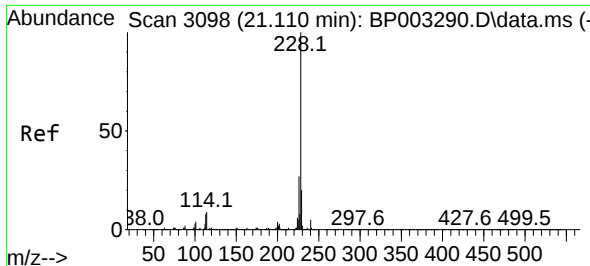
Ion Ratio Lower Upper

149 100

91 66.8 45.4 68.0

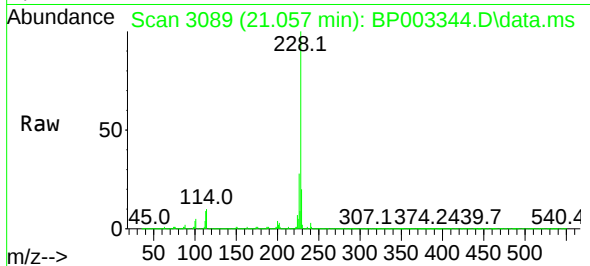
206 22.6 17.1 25.7





#81  
Benzo(a)anthracene  
Concen: 47.14 ng  
RT: 21.057 min Scan# 3089  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

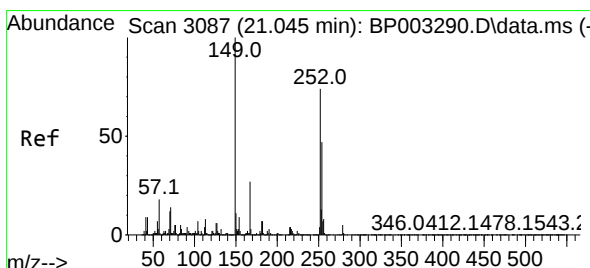
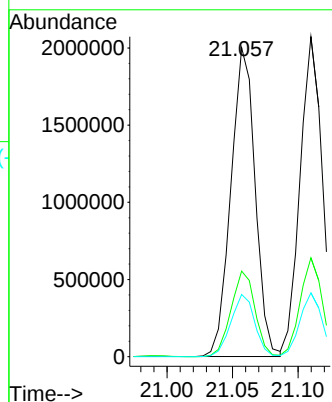
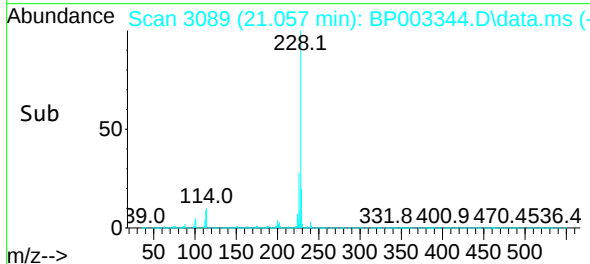
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



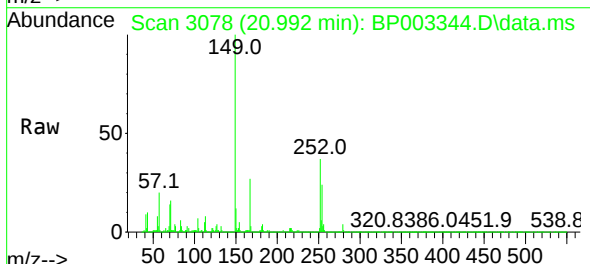
Tgt Ion:228 Resp: 2579104  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.1 33.1  
229 20.1 15.9 23.9

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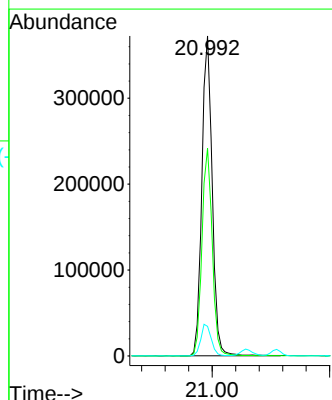
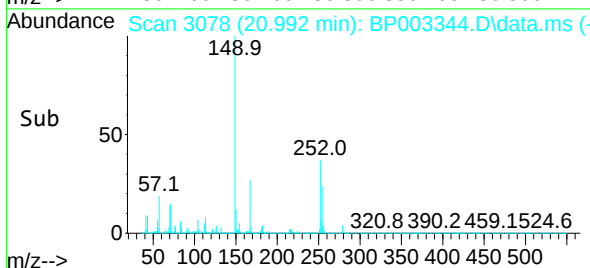
mohammad  
9/23/2020 10:43:58 AM

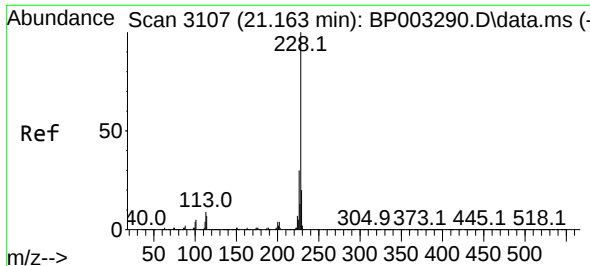


#82  
3,3'-Dichlorobenzidine  
Concen: 21.46 ng  
RT: 20.992 min Scan# 3078  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



Tgt Ion:252 Resp: 453812  
Ion Ratio Lower Upper  
252 100  
254 64.9 51.0 76.4  
126 9.2 7.9 11.9





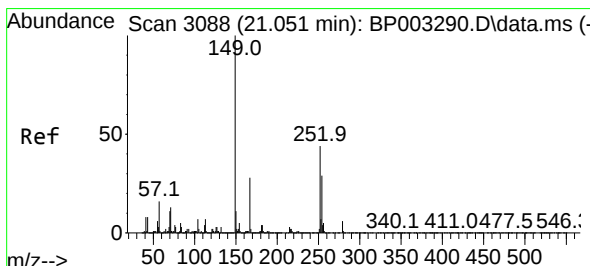
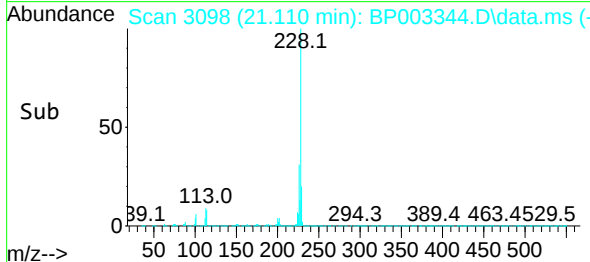
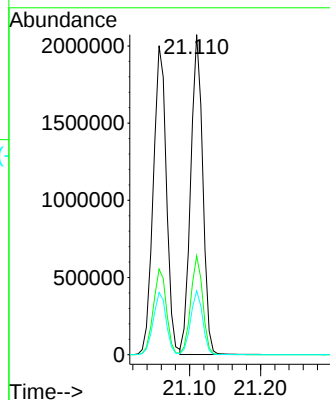
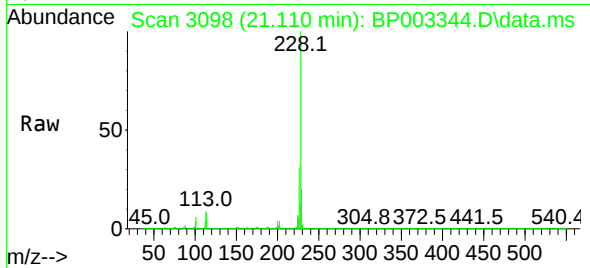
#83  
Chrysene  
Concen: 46.45 ng  
RT: 21.110 min Scan# 3098  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

Tgt Ion:228 Resp: 2441497  
Ion Ratio Lower Upper  
228 100  
226 30.9 24.4 36.6  
229 20.0 15.8 23.6

Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS

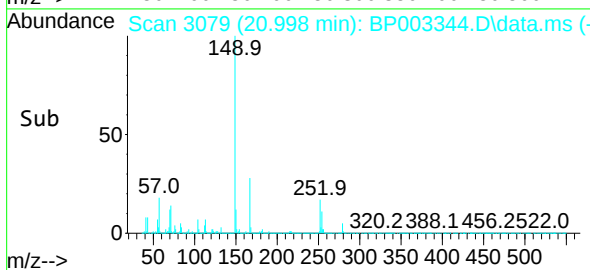
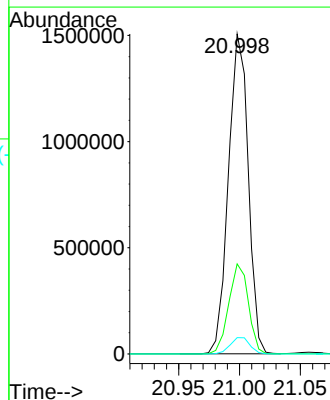
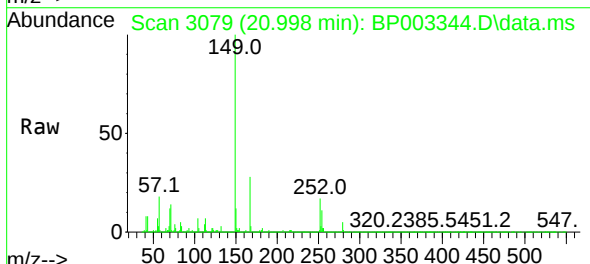
Manual Integrations  
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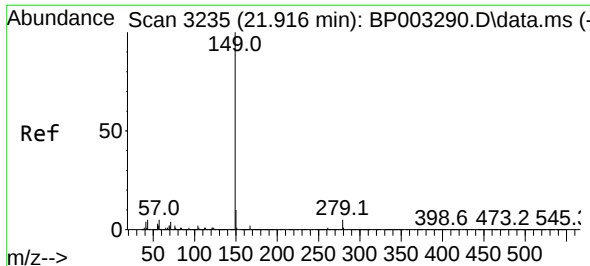
mohammad  
9/23/2020 10:43:58 AM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.13 ng  
RT: 20.998 min Scan# 3079  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

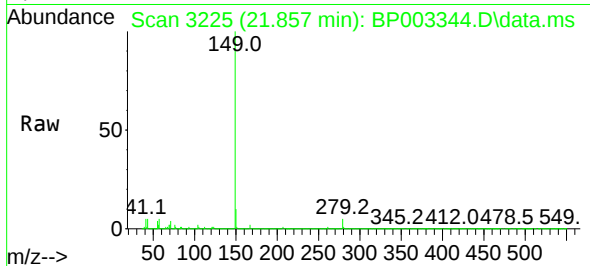
Tgt Ion:149 Resp: 1704325  
Ion Ratio Lower Upper  
149 100  
167 28.2 22.6 34.0  
279 5.1 4.2 6.2





#85  
Di-n-octyl phthalate  
Concen: 48.70 ng  
RT: 21.857 min Scan# 3225  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

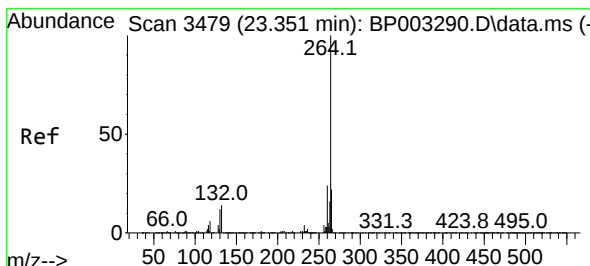
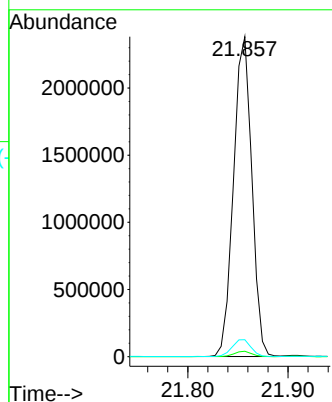
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



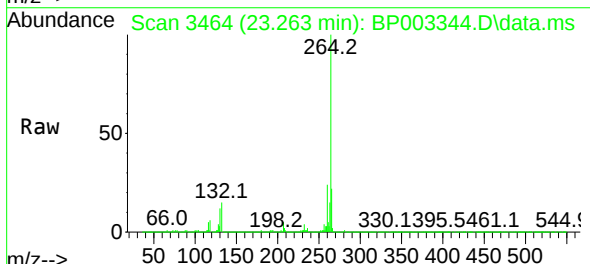
Tgt Ion:149 Resp: 3025035  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 5.4 3.7 5.5

Manual Integrations  
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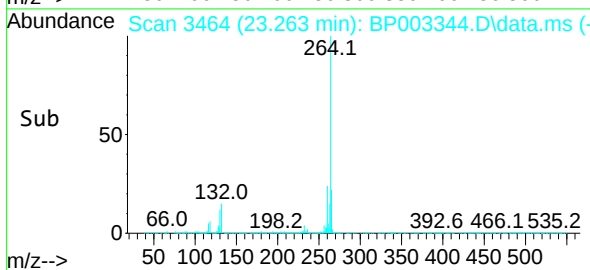
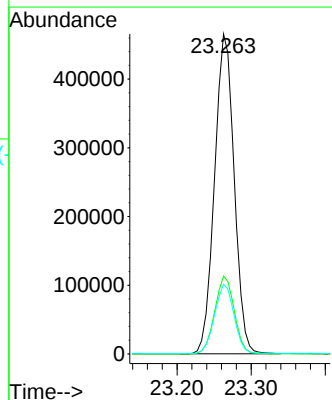
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9/23/2020 10:43:58 AM

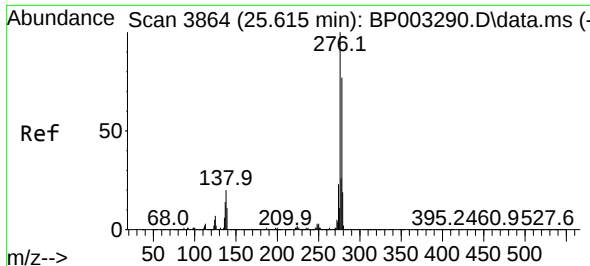


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.263 min Scan# 3464  
Delta R.T. 0.000 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



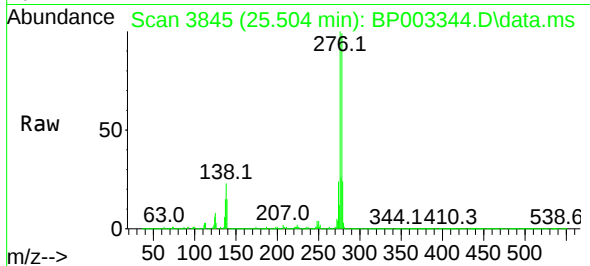
Tgt Ion:264 Resp: 856562  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.8 28.2  
265 21.8 17.4 26.2





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.29 ng  
 RT: 25.504 min Scan# 3845  
 Delta R.T. 0.012 min  
 Lab File: BP003344.D  
 Acq: 22 Sep 2020 18:03

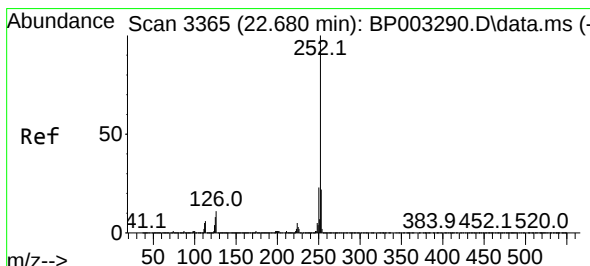
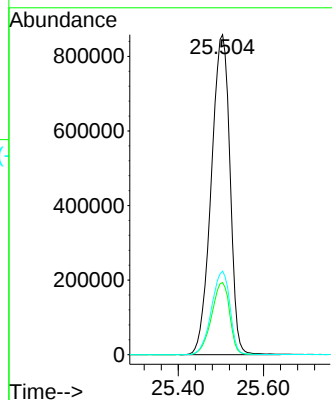
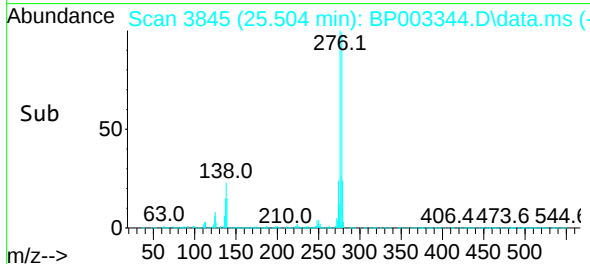
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 OR-02-091820MS



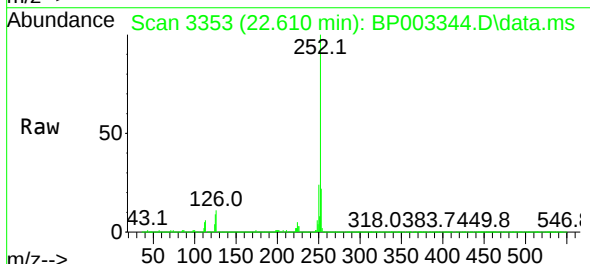
Tgt Ion: 276 Resp: 2615612  
 Ion Ratio Lower Upper  
 276 100  
 138 21.9 18.7 28.1  
 277 25.8 20.4 30.6

Manual Integrations  
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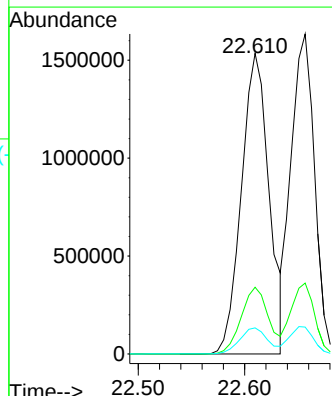
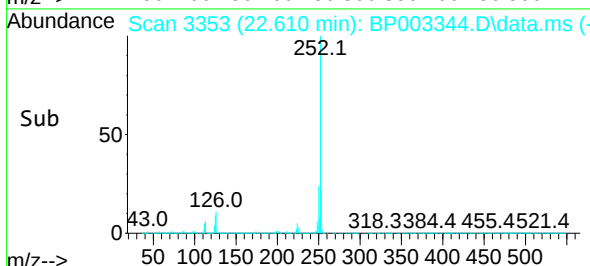
mohammad  
 9/23/2020 10:43:58 AM

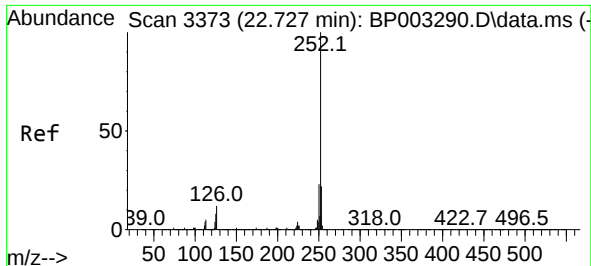


#88  
 Benzo(b)fluoranthene  
 Concen: 51.25 ng  
 RT: 22.610 min Scan# 3353  
 Delta R.T. 0.006 min  
 Lab File: BP003344.D  
 Acq: 22 Sep 2020 18:03



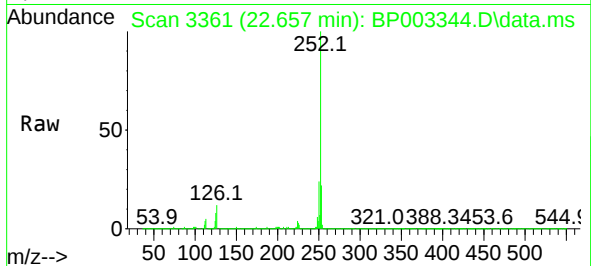
Tgt Ion: 252 Resp: 2771959  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.6 26.4  
 125 8.7 7.3 10.9





#89  
Benzo(k)fluoranthene  
Concen: 48.25 ng  
RT: 22.657 min Scan# 3361  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

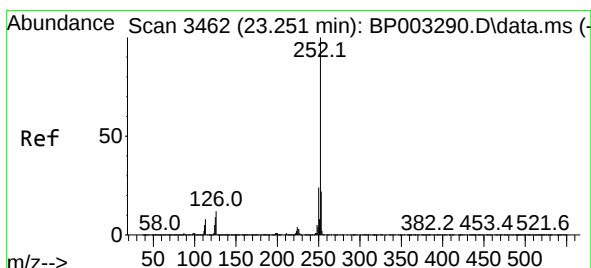
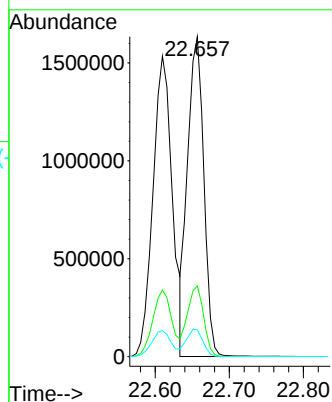
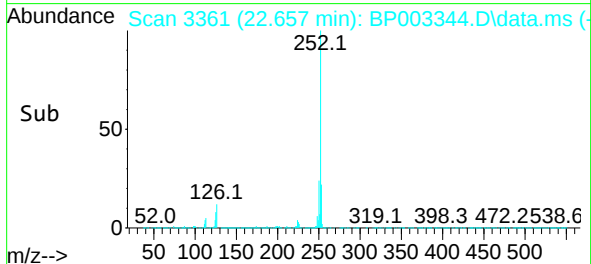
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



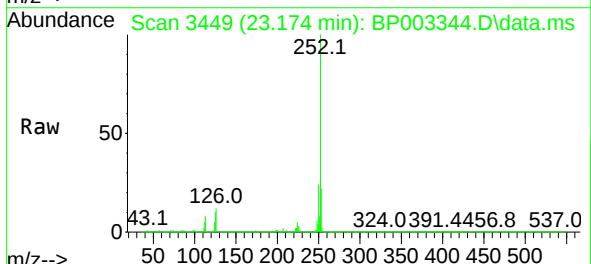
Tgt Ion:252 Resp: 2501333  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 8.4 7.4 11.2

Manual Integrations  
APPROVED

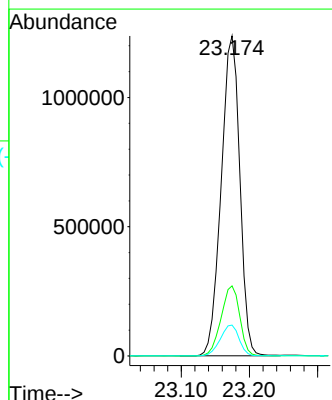
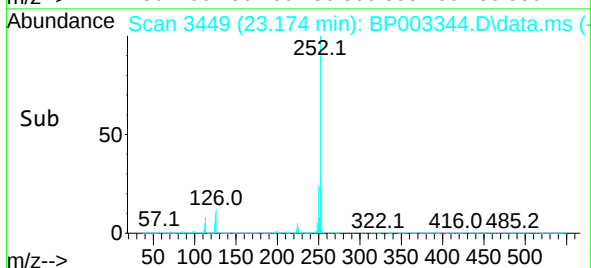
mohammad  
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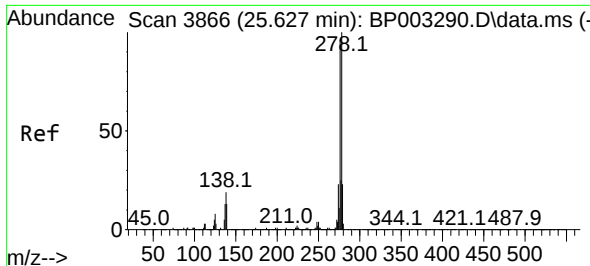


#90  
Benzo(a)pyrene  
Concen: 46.09 ng  
RT: 23.174 min Scan# 3449  
Delta R.T. 0.006 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



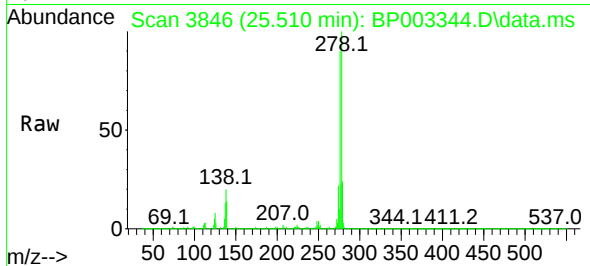
Tgt Ion:252 Resp: 2351030  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 9.7 8.2 12.4





#91  
Dibenzo(a,h)anthracene  
Concen: 41.29 ng  
RT: 25.510 min Scan# 3846  
Delta R.T. 0.012 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03

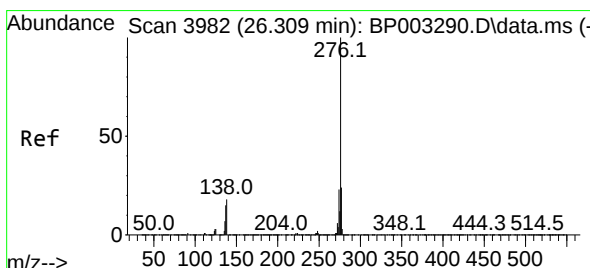
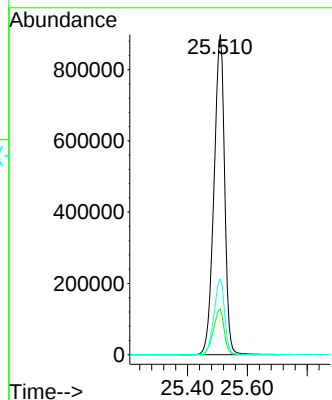
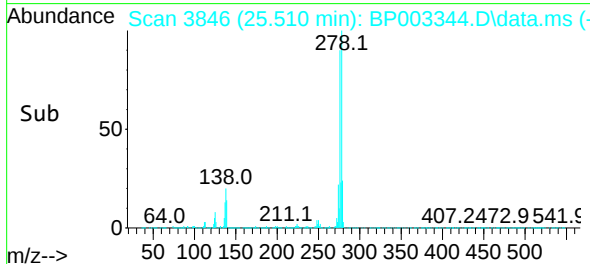
Instrument :  
BNA\_P  
ClientSampleId :  
OR-02-091820MS



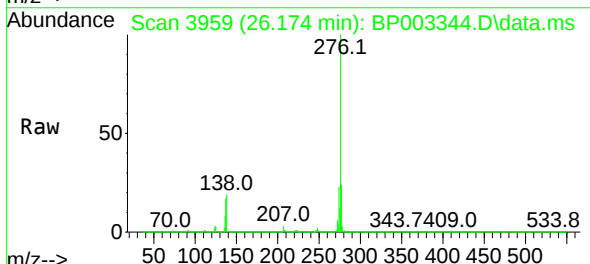
Tgt Ion:278 Resp: 2212113  
Ion Ratio Lower Upper  
278 100  
139 14.3 12.4 18.6  
279 23.6 19.0 28.6

Manual Integrations  
APPROVED

mohammad  
9/23/2020 10:43:58 AM



#92  
Benzo(g,h,i)perylene  
Concen: 40.18 ng  
RT: 26.174 min Scan# 3959  
Delta R.T. 0.012 min  
Lab File: BP003344.D  
Acq: 22 Sep 2020 18:03



Tgt Ion:276 Resp: 2149219  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.6  
138 19.3 16.6 24.8

