

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120320\  
 Data File : BP004138.D  
 Acq On : 03 Dec 2020 20:17  
 Operator : CG/JU  
 Sample : L4911-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SK-12-1-SPAMS

Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 8:53:53 AM

Quant Time: Dec 04 00:13:02 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 11:39:42 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.193  | 152  | 133106   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.022 | 136  | 505531   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.827 | 164  | 300775   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.563 | 188  | 607925   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.604 | 240  | 546882   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 24.039 | 264  | 573891   | 20.00 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.734  | 112  | 711329   | 89.19 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.381  | 99   | 920174   | 80.38 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.357  | 82   | 570230   | 55.24 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.310 | 330  | 307869   | 81.84 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.445 | 172  | 1133920  | 52.71 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.062 | 244  | 1298728  | 45.88 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.434  | 88   | 136512   | 39.68 | ng    | # 60     |
| 3) Pyridine                   | 3.863  | 79   | 405827   | 40.21 | ng    | # 61     |
| 4) n-Nitrosodimethylamine     | 3.769  | 42   | 220061   | 47.37 | ng    | # 54     |
| 6) Aniline                    | 7.504  | 93   | 384211   | 29.56 | ng    | # 84     |
| 8) 2-Chlorophenol             | 7.769  | 128  | 433763   | 51.23 | ng    | # 81     |
| 9) Benzaldehyde               | 7.304  | 77   | 256243   | 54.97 | ng    | # 81     |
| 10) Phenol                    | 7.410  | 94   | 589789   | 53.39 | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 7.587  | 93   | 427713   | 48.17 | ng    | # 79     |
| 12) 1,3-Dichlorobenzene       | 8.087  | 146  | 484481   | 46.69 | ng    | # 94     |
| 13) 1,4-Dichlorobenzene       | 8.228  | 146  | 492201   | 47.05 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.563  | 146  | 466088   | 46.64 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.434  | 79   | 396746   | 50.03 | ng    | # 88     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.722  | 45   | 665211   | 44.48 | ng    | 81       |
| 17) 2-Methylphenol            | 8.669  | 107  | 362768   | 50.01 | ng    | 95       |
| 18) Hexachloroethane          | 9.298  | 117  | 177638   | 47.78 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.998  | 70   | 326327   | 47.69 | ng    | # 76     |
| 20) 3+4-Methylphenols         | 8.992  | 107  | 480028   | 49.58 | ng    | 92       |
| 22) Acetophenone              | 9.016  | 105  | 631610   | 46.55 | ng    | # 84     |
| 24) Nitrobenzene              | 9.404  | 77   | 495287   | 48.28 | ng    | # 83     |
| 25) Isophorone                | 9.928  | 82   | 870024   | 49.62 | ng    | # 90     |
| 26) 2-Nitrophenol             | 10.128 | 139  | 233272   | 58.24 | ng    | # 75     |
| 27) 2,4-Dimethylphenol        | 10.198 | 122  | 382504   | 57.25 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.398 | 93   | 539866   | 44.87 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.687 | 162  | 401956   | 49.93 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.892 | 180  | 447873   | 45.66 | ng    | 99       |
| 31) Naphthalene               | 11.069 | 128  | 1278320  | 47.12 | ng    | 100      |
| 32) Benzoic acid              | 10.392 | 122  | 173343m  | 38.87 | ng    |          |
| 33) 4-Chloroaniline           | 11.169 | 127  | 221196   | 19.19 | ng    | # 89     |
| 34) Hexachlorobutadiene       | 11.381 | 225  | 283404   | 44.30 | ng    | 99       |
| 35) Caprolactam               | 11.922 | 113  | 124173   | 49.88 | ng    | # 16     |
| 36) 4-Chloro-3-methylphenol   | 12.310 | 107  | 427759   | 49.22 | ng    | 89       |
| 37) 2-Methylnaphthalene       | 12.663 | 142  | 906546   | 46.70 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.881 | 142  | 837339   | 45.22 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 13.045 | 216  | 484741   | 48.70 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.033 | 237  | 421828   | 84.00 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.280 | 196  | 308350   | 50.11 | ng    | 98       |

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Manual Integrations  
 APPROVED

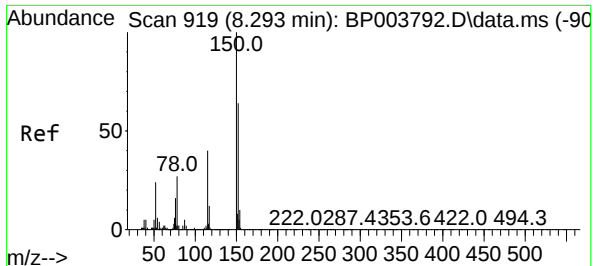
mohammad  
 12/7/2020 8:53:53 AM

Quant Time: Dec 04 00:13:02 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
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 QLast Update : Wed Dec 02 11:39:42 2020  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 13.363 | 196  | 327500   | 50.55 | ng    | #        | 96  |
| 46) 1,1'-Biphenyl             | 13.657 | 154  | 1121260  | 48.02 | ng    |          | 98  |
| 47) 2-Chloronaphthalene       | 13.704 | 162  | 883915   | 46.14 | ng    |          | 99  |
| 48) 2-Nitroaniline            | 13.892 | 65   | 281458   | 49.24 | ng    | #        | 60  |
| 49) Acenaphthylene            | 14.545 | 152  | 1377374  | 48.96 | ng    |          | 100 |
| 50) Dimethylphthalate         | 14.257 | 163  | 1144210  | 48.67 | ng    |          | 100 |
| 51) 2,6-Dinitrotoluene        | 14.375 | 165  | 245044   | 50.80 | ng    | #        | 72  |
| 52) Acenaphthene              | 14.886 | 154  | 955770m  | 51.01 | ng    |          |     |
| 53) 3-Nitroaniline            | 14.710 | 138  | 133828   | 25.06 | ng    | #        | 74  |
| 54) 2,4-Dinitrophenol         | 14.927 | 184  | 226636   | 82.58 | ng    | #        | 82  |
| 55) Dibenzofuran              | 15.222 | 168  | 1313239  | 47.17 | ng    |          | 100 |
| 56) 4-Nitrophenol             | 15.057 | 139  | 360765   | 93.74 | ng    | #        | 67  |
| 57) 2,4-Dinitrotoluene        | 15.175 | 165  | 333910   | 51.55 | ng    | #        | 79  |
| 58) Fluorene                  | 15.869 | 166  | 1052853  | 47.22 | ng    |          | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.463 | 232  | 277309   | 47.48 | ng    |          | 96  |
| 60) Diethylphthalate          | 15.616 | 149  | 1069491  | 46.46 | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenyle... | 15.845 | 204  | 557590   | 45.77 | ng    |          | 97  |
| 62) 4-Nitroaniline            | 15.874 | 138  | 230727   | 41.45 | ng    |          | 87  |
| 63) Azobenzene                | 16.139 | 77   | 1018079  | 46.84 | ng    |          | 86  |
| 65) 4,6-Dinitro-2-methylph... | 15.951 | 198  | 175755   | 52.94 | ng    | #        | 78  |
| 66) n-Nitrosodiphenylamine    | 16.057 | 169  | 923664   | 49.63 | ng    |          | 97  |
| 67) 4-Bromophenyl-phenylether | 16.739 | 248  | 335377   | 47.15 | ng    |          | 99  |
| 68) Hexachlorobenzene         | 16.904 | 284  | 364976   | 44.97 | ng    |          | 97  |
| 69) Atrazine                  | 16.992 | 200  | 281916   | 46.14 | ng    |          | 98  |
| 70) Pentachlorophenol         | 17.239 | 266  | 338686   | 87.23 | ng    |          | 99  |
| 71) Phenanthrene              | 17.604 | 178  | 1652903  | 48.45 | ng    |          | 99  |
| 72) Anthracene                | 17.692 | 178  | 1675616  | 50.85 | ng    |          | 98  |
| 73) Carbazole                 | 17.951 | 167  | 1471079  | 48.12 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.468 | 149  | 1765542  | 49.89 | ng    |          | 99  |
| 75) Fluoranthene              | 19.545 | 202  | 2035445  | 51.70 | ng    |          | 99  |
| 77) Benzidine                 | 19.692 | 184  | 697823   | 54.10 | ng    |          | 100 |
| 78) Pyrene                    | 19.892 | 202  | 2049522  | 55.23 | ng    |          | 99  |
| 80) Butylbenzylphthalate      | 20.715 | 149  | 771604   | 55.80 | ng    | #        | 86  |
| 81) Benzo(a)anthracene        | 21.586 | 228  | 1844073  | 51.13 | ng    |          | 98  |
| 82) 3,3'-Dichlorobenzidine    | 21.498 | 252  | 488502   | 39.27 | ng    |          | 99  |
| 83) Chrysene                  | 21.639 | 228  | 1775190  | 51.23 | ng    |          | 98  |
| 84) Bis(2-ethylhexyl)phtha... | 21.462 | 149  | 1203534  | 59.04 | ng    |          | 99  |
| 85) Di-n-octyl phthalate      | 22.380 | 149  | 1911827  | 56.30 | ng    | #        | 87  |
| 87) Indeno(1,2,3-cd)pyrene    | 26.568 | 276  | 2016493  | 48.71 | ng    |          | 99  |
| 88) Benzo(b)fluoranthene      | 23.303 | 252  | 1957617  | 52.13 | ng    |          | 100 |
| 89) Benzo(k)fluoranthene      | 23.351 | 252  | 1715891  | 46.27 | ng    |          | 99  |
| 90) Benzo(a)pyrene            | 23.939 | 252  | 1657314  | 47.67 | ng    |          | 99  |
| 91) Dibenzo(a,h)anthracene    | 26.562 | 278  | 1681697  | 48.73 | ng    |          | 98  |
| 92) Benzo(g,h,i)perylene      | 27.344 | 276  | 1704804  | 51.04 | ng    |          | 98  |

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





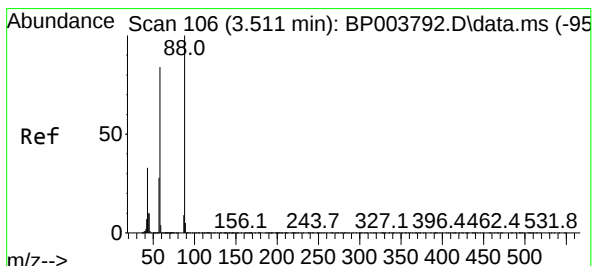
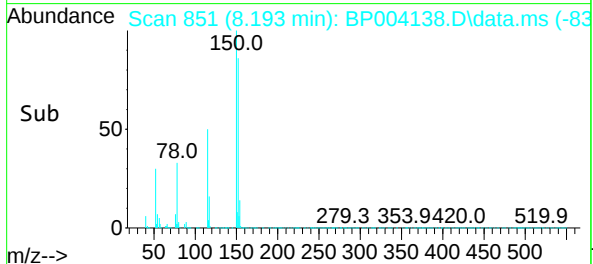
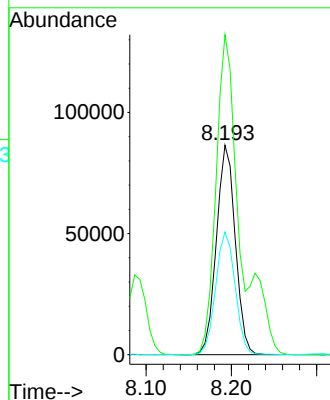
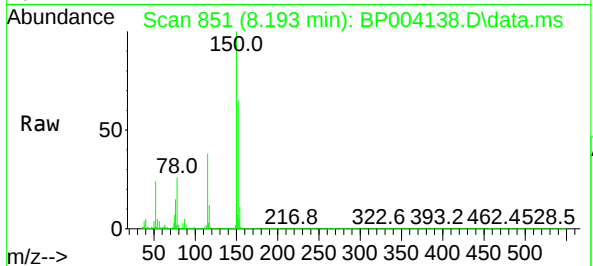
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.193 min Scan# 851  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

Tgt Ion:152 Resp: 133106  
Ion Ratio Lower Upper  
152 100  
150 152.8 123.8 185.6  
115 58.5 43.8 65.6

Instrument :  
BNA\_P  
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SK-12-1-SPAMS

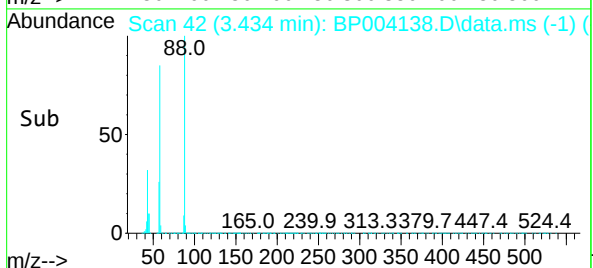
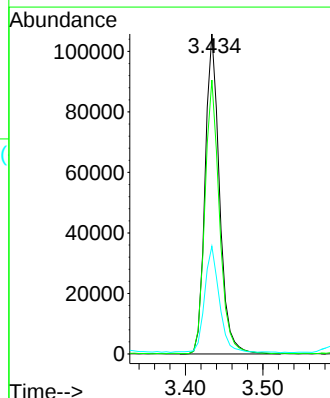
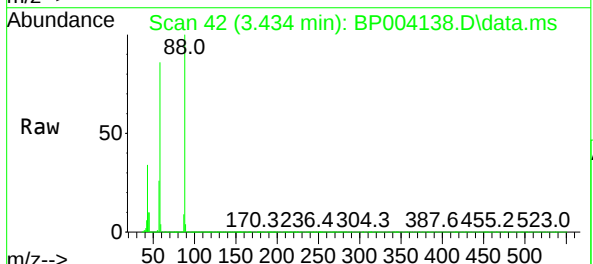
Manual Integrations  
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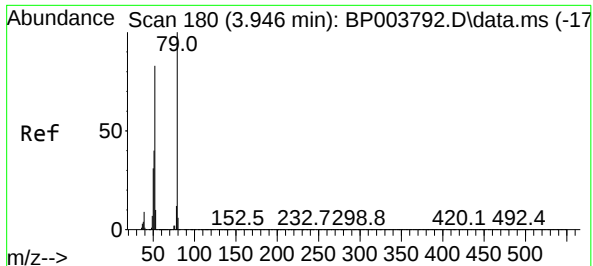
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12/7/2020 8:53:53 AM



#2  
1,4-Dioxane  
Concen: 39.68 ng  
RT: 3.434 min Scan# 42  
Delta R.T. -0.006 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

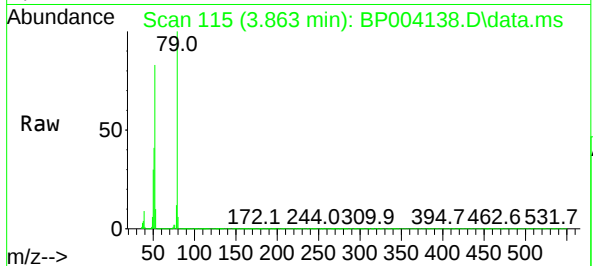
Tgt Ion: 88 Resp: 136512  
Ion Ratio Lower Upper  
88 100  
58 86.5 44.2 66.4#  
43 33.7 15.2 22.8#





#3  
Pyridine  
Concen: 40.21 ng  
RT: 3.863 min Scan# 115  
Delta R.T. -0.012 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

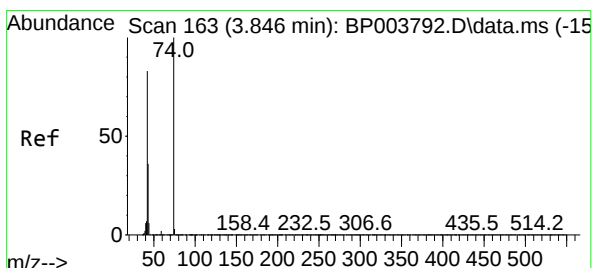
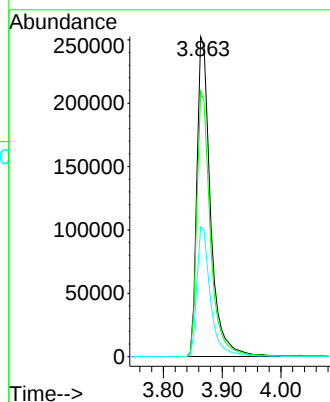
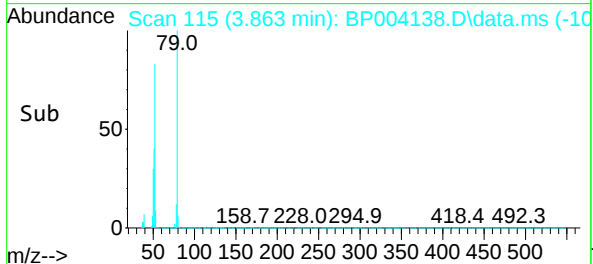
Instrument :  
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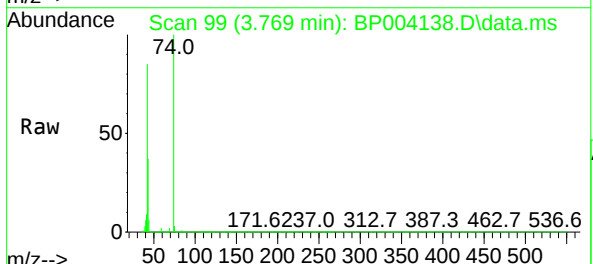
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Ion Ratio Lower Upper  
79 100  
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51 40.6 21.2 31.8#

Manual Integrations  
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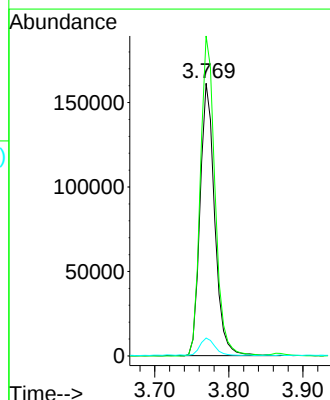
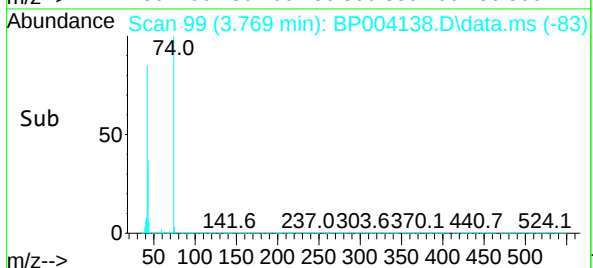
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12/7/2020 8:53:53 AM

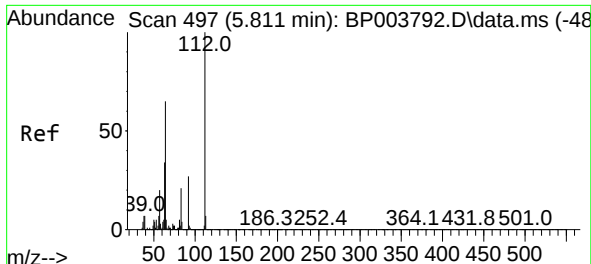


#4  
n-Nitrosodimethylamine  
Concen: 47.37 ng  
RT: 3.769 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



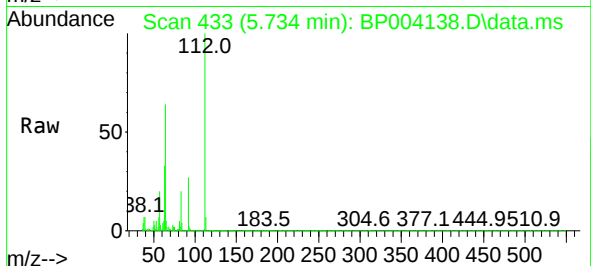
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Ion Ratio Lower Upper  
42 100  
74 117.4 148.6 223.0#  
44 6.6 5.3 7.9





#5  
2-Fluorophenol  
Concen: 89.19 ng  
RT: 5.734 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

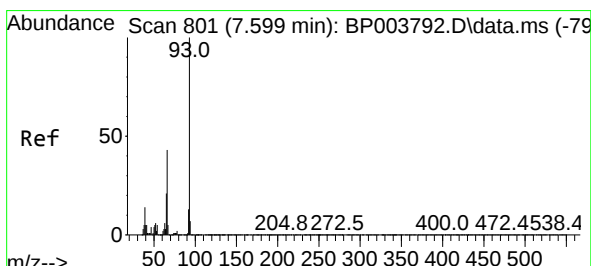
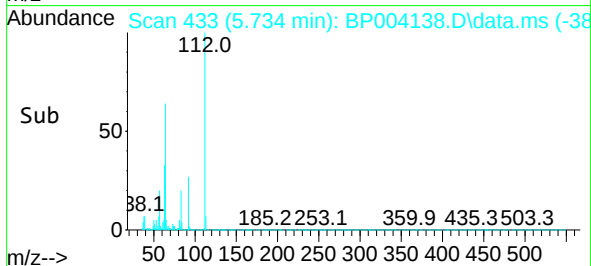
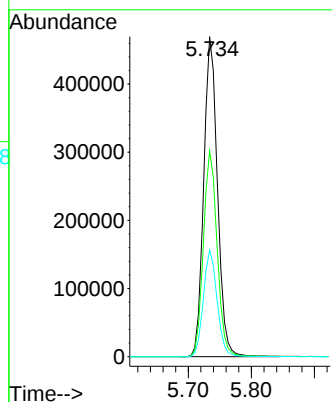
Instrument :  
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Tgt Ion:112 Resp: 711329  
Ion Ratio Lower Upper  
112 100  
64 64.3 32.8 49.2#  
63 33.4 17.0 25.4#

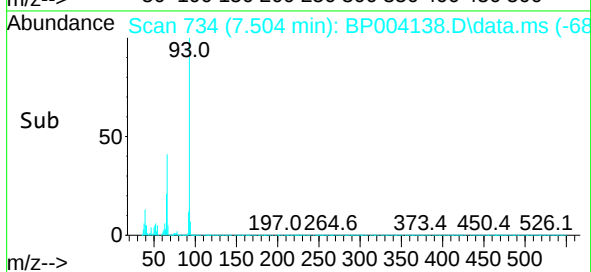
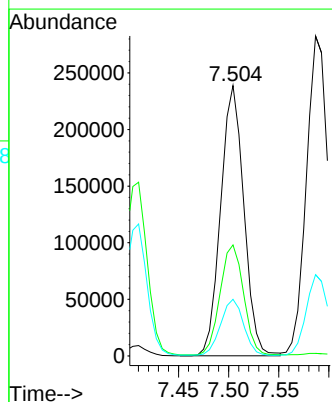
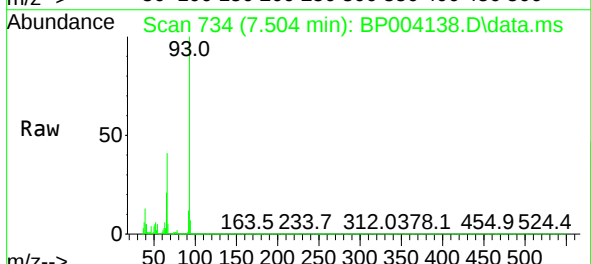
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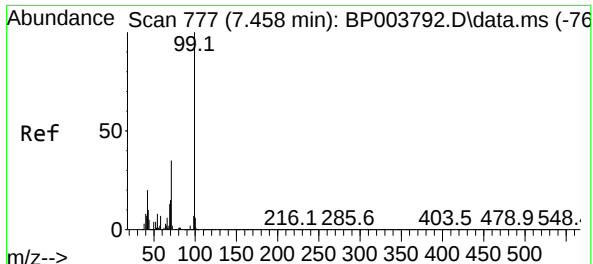
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12/7/2020 8:53:53 AM



#6  
Aniline  
Concen: 29.56 ng  
RT: 7.504 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

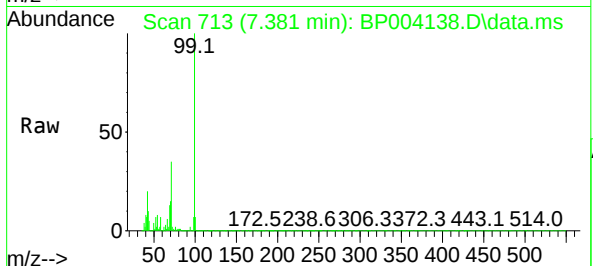
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Ion Ratio Lower Upper  
93 100  
66 41.1 25.4 38.0#  
65 21.0 12.5 18.7#





#7  
Phenol-d6  
Concen: 80.38 ng  
RT: 7.381 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

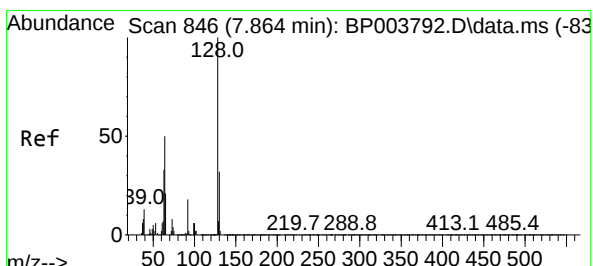
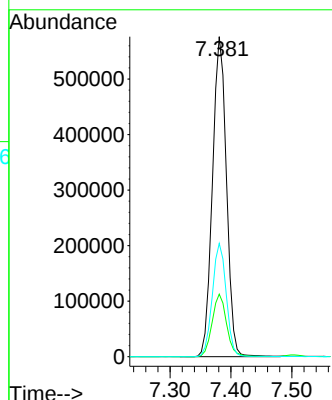
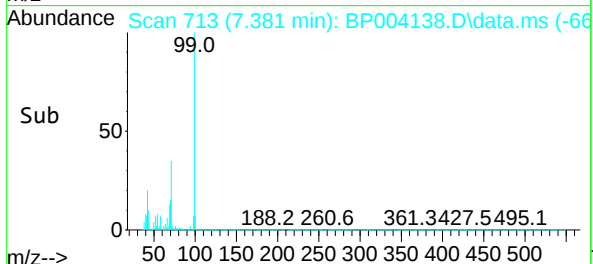
Instrument :  
BNA\_P  
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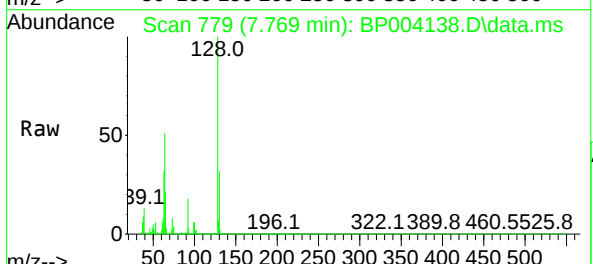
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Manual Integrations  
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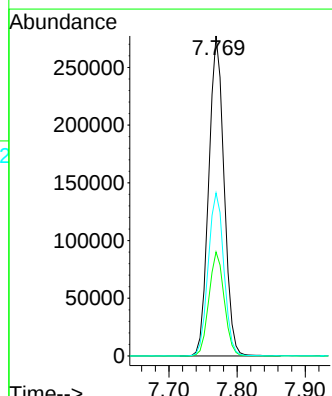
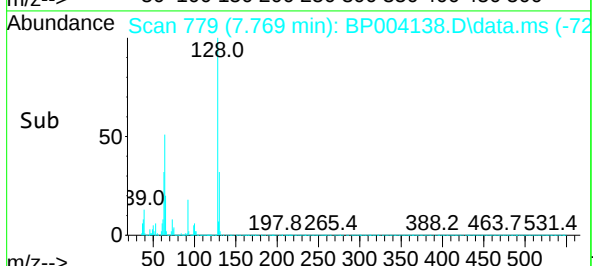
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12/7/2020 8:53:53 AM

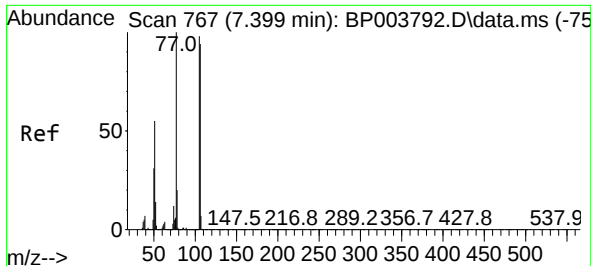


#8  
2-Chlorophenol  
Concen: 51.23 ng  
RT: 7.769 min Scan# 779  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



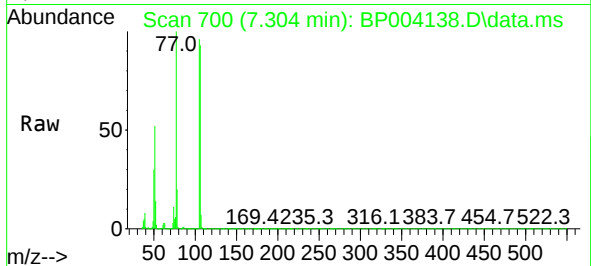
Tgt Ion: 128 Resp: 433763  
Ion Ratio Lower Upper  
128 100  
130 32.5 13.0 53.0  
64 50.9 10.4 50.4#





#9  
Benzaldehyde  
Concen: 54.97 ng  
RT: 7.304 min Scan# 700  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

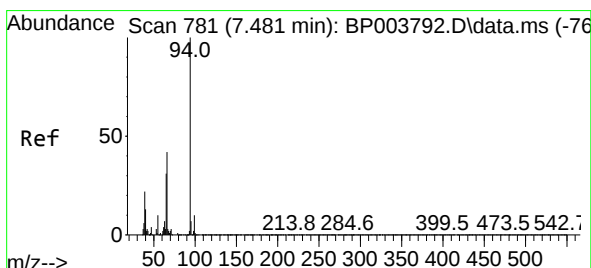
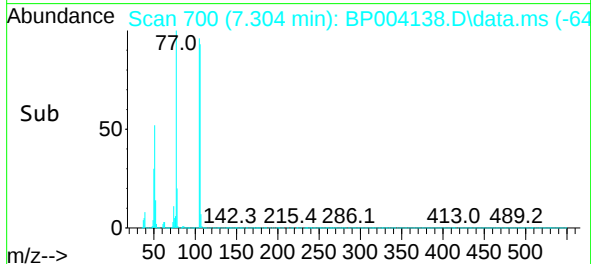
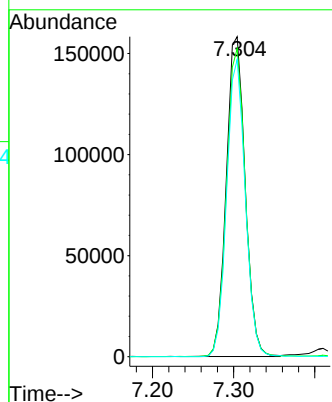
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion: 77 Resp: 256243  
Ion Ratio Lower Upper  
77 100  
105 96.3 97.1 137.1#  
106 92.9 93.7 133.7#

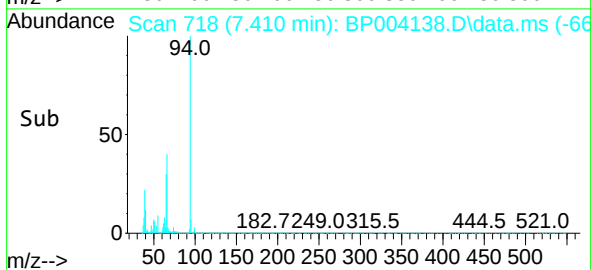
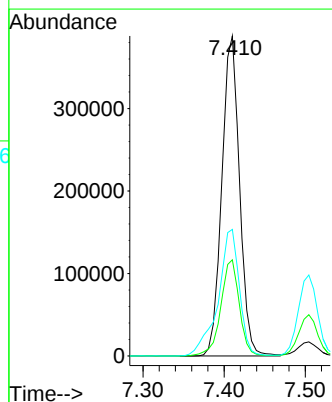
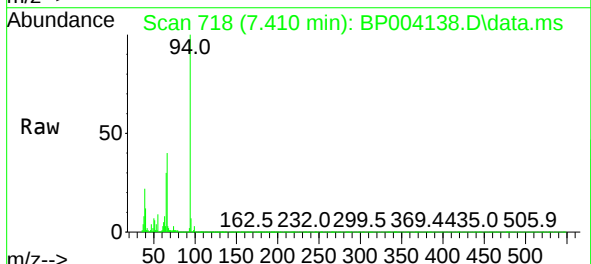
Manual Integrations  
APPROVED

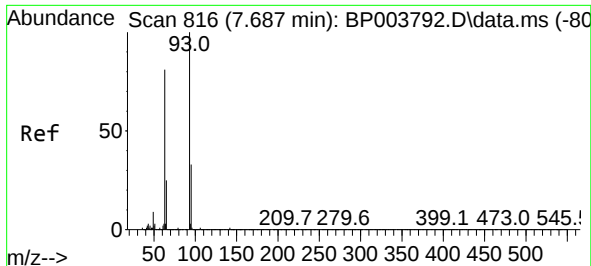
mohammad  
12/7/2020 8:53:53 AM



#10  
Phenol  
Concen: 53.39 ng  
RT: 7.410 min Scan# 718  
Delta R.T. 0.005 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

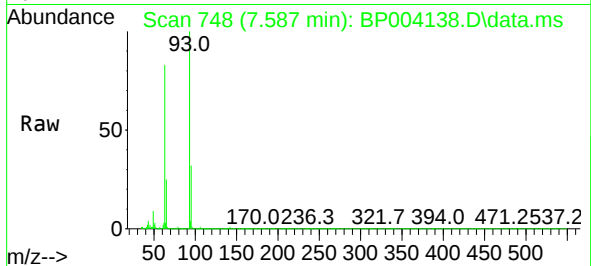
Tgt Ion: 94 Resp: 589789  
Ion Ratio Lower Upper  
94 100  
65 30.0 2.3 42.3  
66 39.6 10.9 50.9





#11  
bis(2-Chloroethyl)ether  
Concen: 48.17 ng  
RT: 7.587 min Scan# 748  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

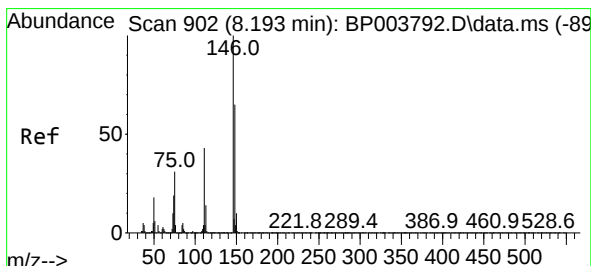
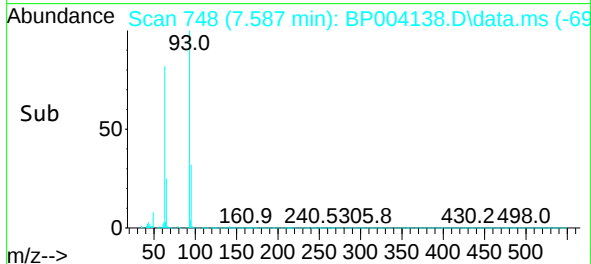
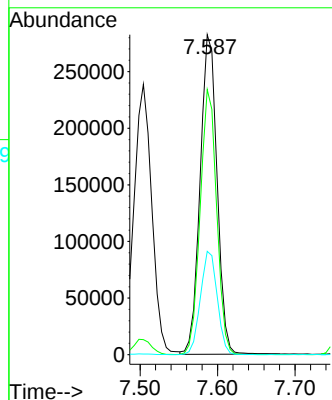
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion: 93 Resp: 427713  
Ion Ratio Lower Upper  
93 100  
63 82.9 39.0 79.0#  
95 32.3 12.8 52.8

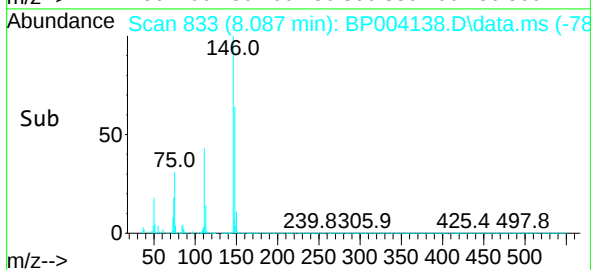
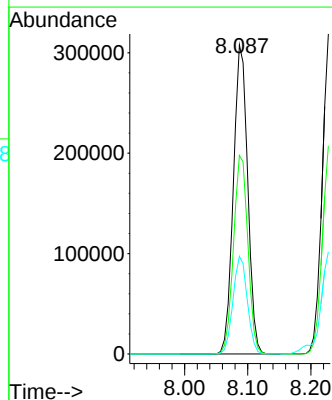
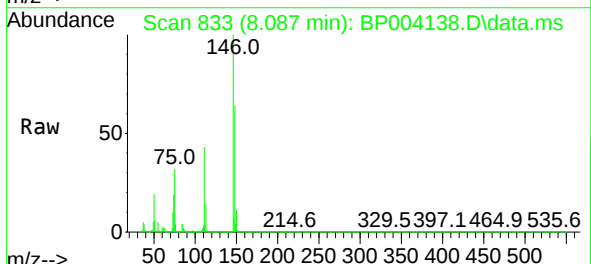
Manual Integrations  
APPROVED

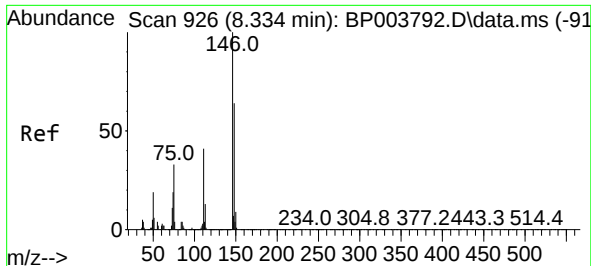
mohammad  
12/7/2020 8:53:53 AM



#12  
1,3-Dichlorobenzene  
Concen: 46.69 ng  
RT: 8.087 min Scan# 833  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

Tgt Ion: 146 Resp: 484481  
Ion Ratio Lower Upper  
146 100  
148 64.3 52.5 78.7  
75 31.6 18.1 27.1#





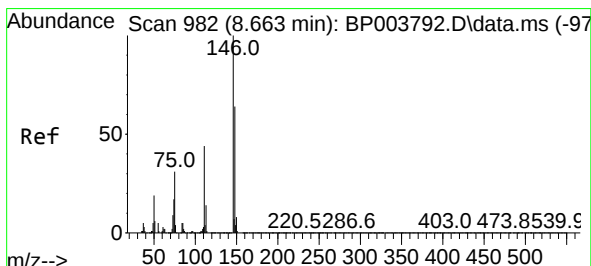
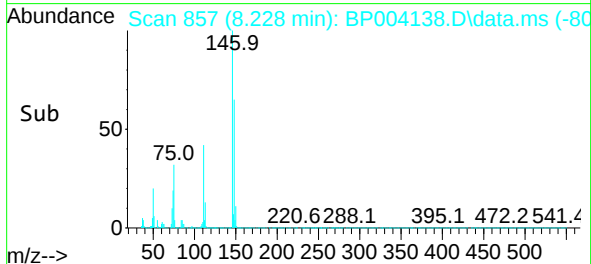
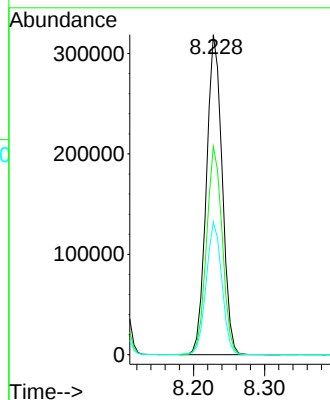
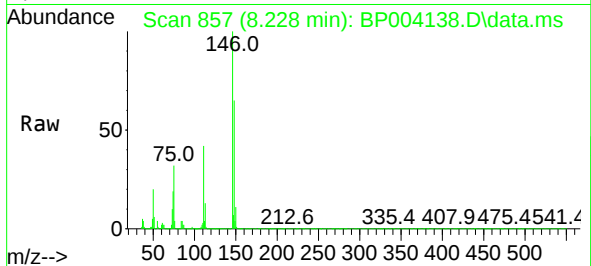
#13  
1,4-Dichlorobenzene  
Concen: 47.05 ng  
RT: 8.228 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

Tgt Ion:146 Resp: 492201  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.3 76.9  
111 41.5 28.9 43.3

Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS

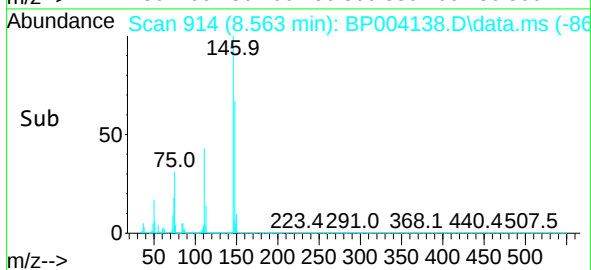
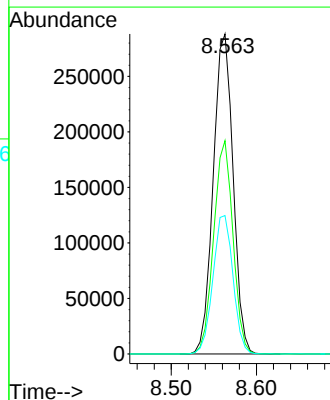
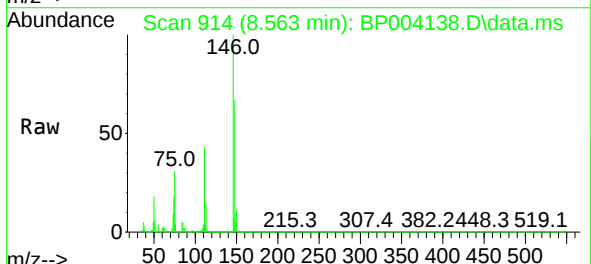
Manual Integrations  
APPROVED

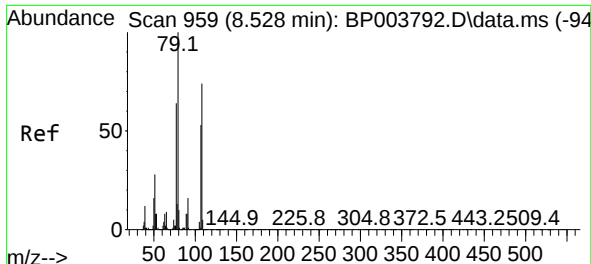
mohammad  
12/7/2020 8:53:53 AM



#14  
1,2-Dichlorobenzene  
Concen: 46.64 ng  
RT: 8.563 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

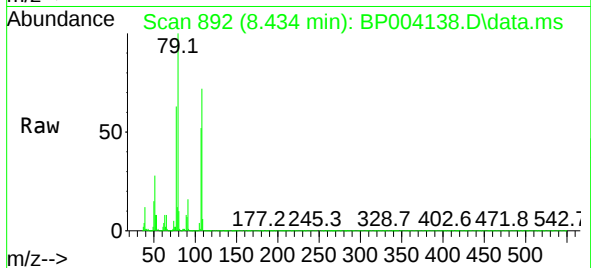
Tgt Ion:146 Resp: 466088  
Ion Ratio Lower Upper  
146 100  
148 66.7 51.6 77.4  
111 43.3 31.0 46.6





#15  
Benzyl Alcohol  
Concen: 50.03 ng  
RT: 8.434 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

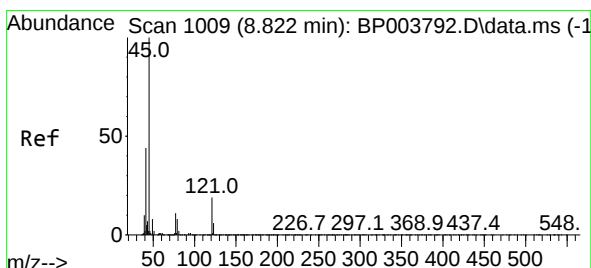
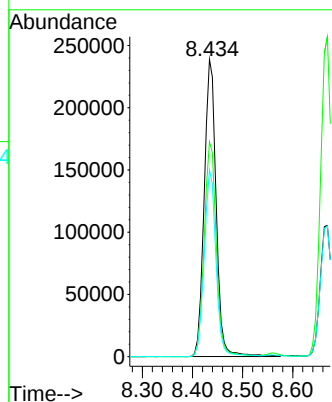
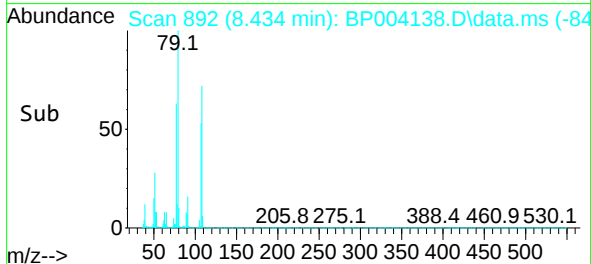
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



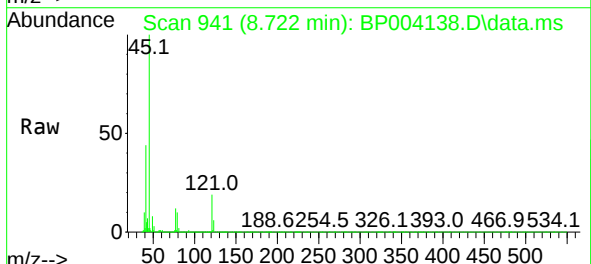
Tgt Ion: 79 Resp: 396746  
Ion Ratio Lower Upper  
79 100  
108 72.2 73.5 110.3#  
77 62.9 50.3 75.5

Manual Integrations  
APPROVED

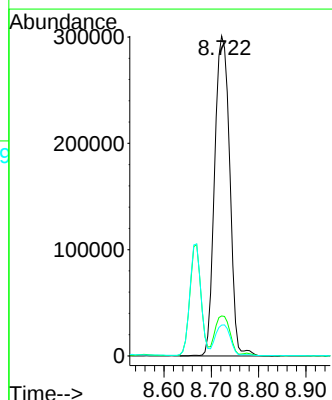
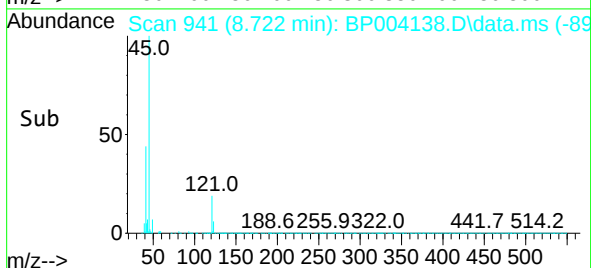
mohammad  
12/7/2020 8:53:53 AM

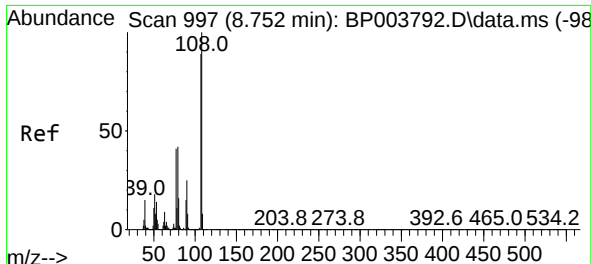


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.48 ng  
RT: 8.722 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



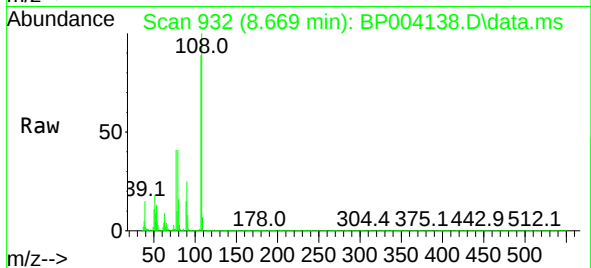
Tgt Ion: 45 Resp: 665211  
Ion Ratio Lower Upper  
45 100  
77 12.5 2.3 42.3  
79 9.7 0.0 36.6





#17  
2-Methylphenol  
Concen: 50.01 ng  
RT: 8.669 min Scan# 932  
Delta R.T. 0.005 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

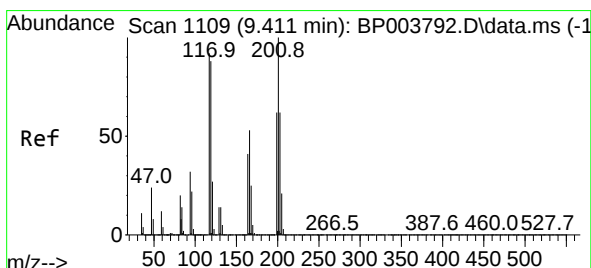
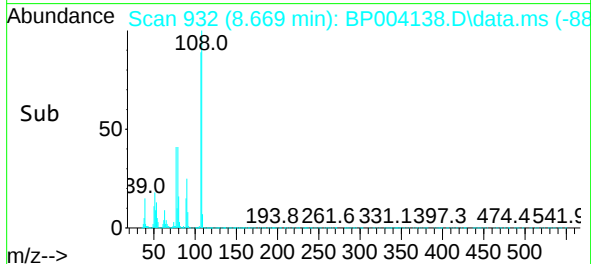
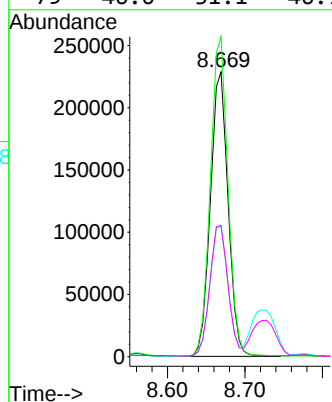
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:107 Resp: 362768  
Ion Ratio Lower Upper  
107 100  
108 112.3 89.6 134.4  
77 45.9 31.8 47.6  
79 46.0 31.1 46.7

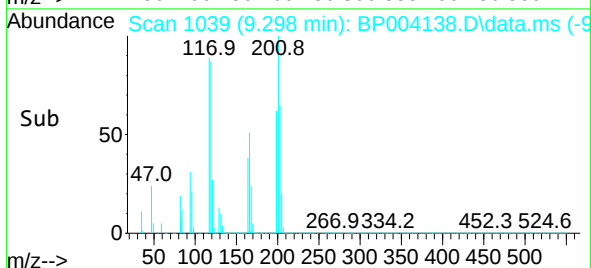
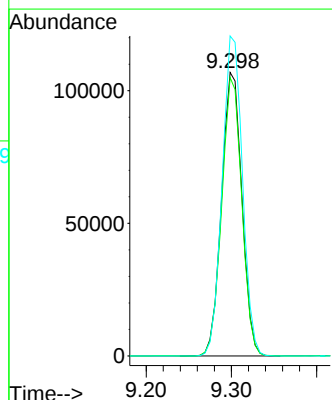
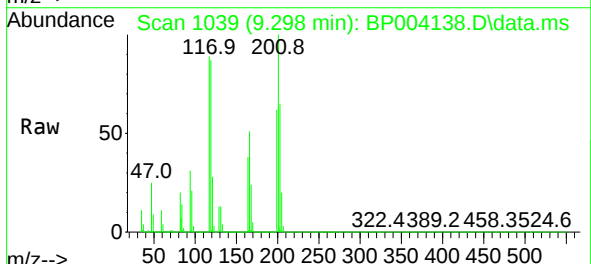
Manual Integrations  
APPROVED

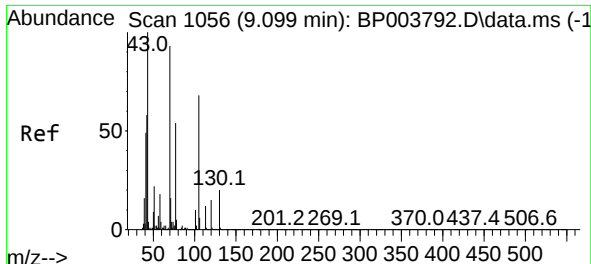
mohammad  
12/7/2020 8:53:53 AM



#18  
Hexachloroethane  
Concen: 47.78 ng  
RT: 9.298 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

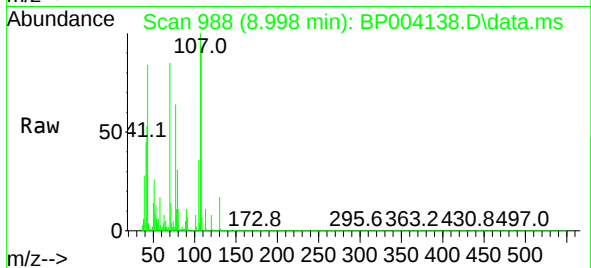
Tgt Ion:117 Resp: 177638  
Ion Ratio Lower Upper  
117 100  
119 98.2 78.8 118.2  
201 112.9 92.3 138.5





#19  
n-Nitroso-di-n-propylamine  
Concen: 47.69 ng  
RT: 8.998 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

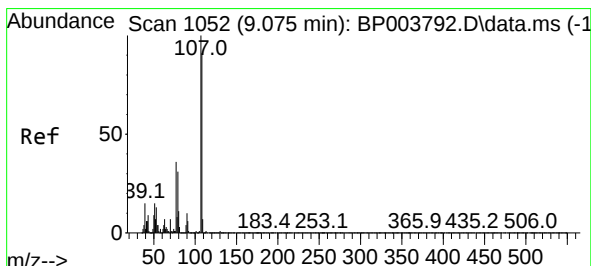
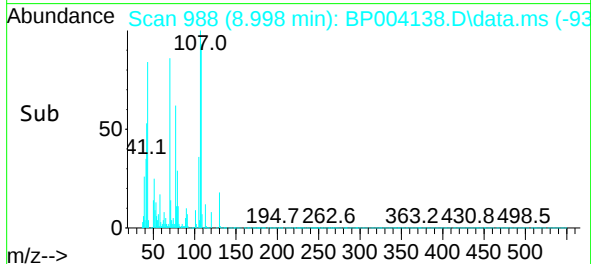
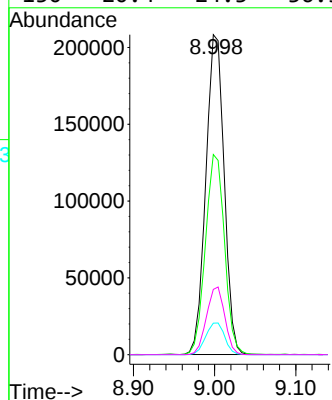
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion: 70 Resp: 326327  
Ion Ratio Lower Upper  
70 100  
42 62.5 32.8 49.2#  
101 9.9 9.6 14.4  
130 20.4 24.3 36.5#

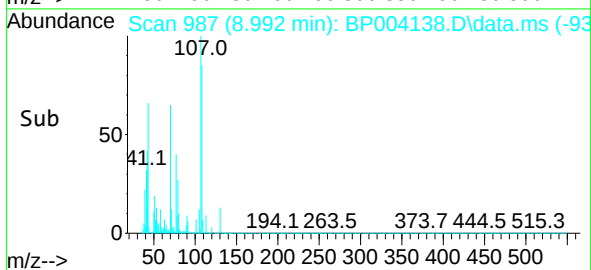
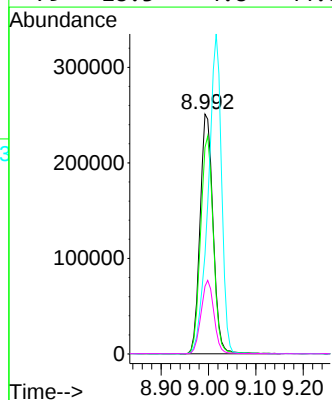
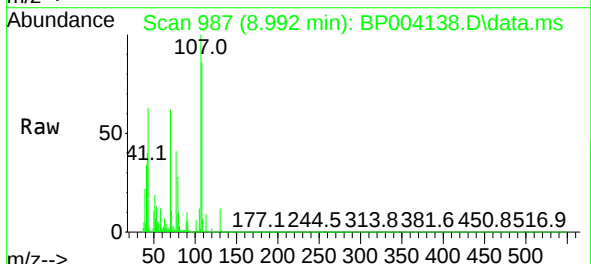
Manual Integrations  
APPROVED

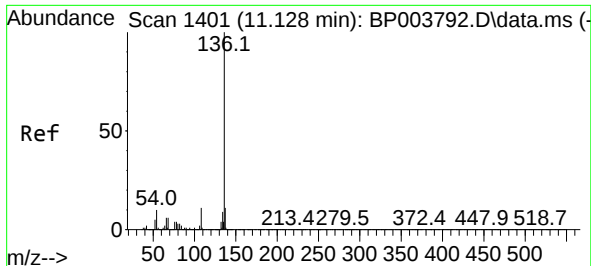
mohammad  
12/7/2020 8:53:53 AM



#20  
3+4-Methylphenols  
Concen: 49.58 ng  
RT: 8.992 min Scan# 987  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

Tgt Ion: 107 Resp: 480028  
Ion Ratio Lower Upper  
107 100  
108 86.1 69.0 109.0  
77 41.5 8.5 48.5  
79 28.3 4.8 44.8





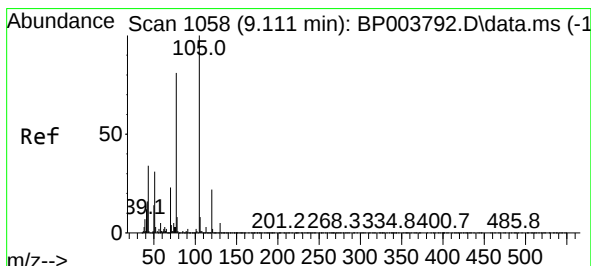
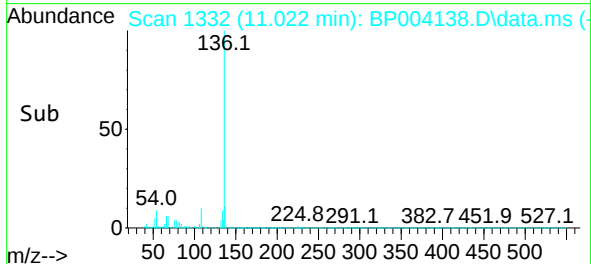
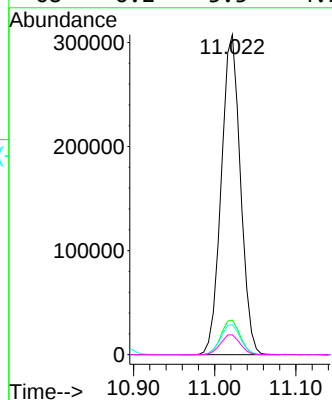
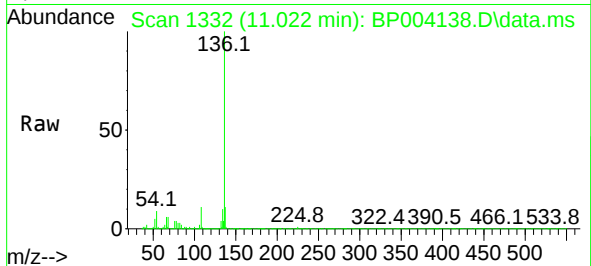
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.022 min Scan# 1332  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 505531 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.8  | 8.6   | 13.0   |
| 54        | 9.4   | 3.6   | 5.4#   |
| 68        | 6.2   | 3.3   | 4.9#   |

Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS

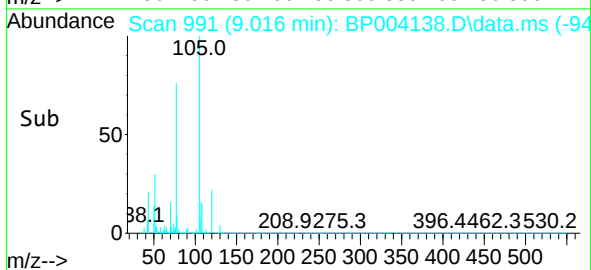
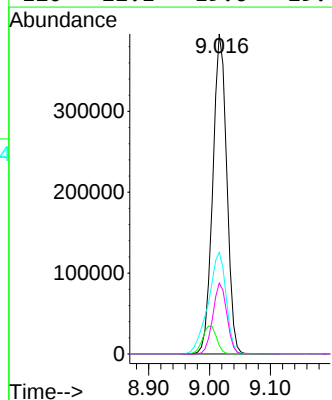
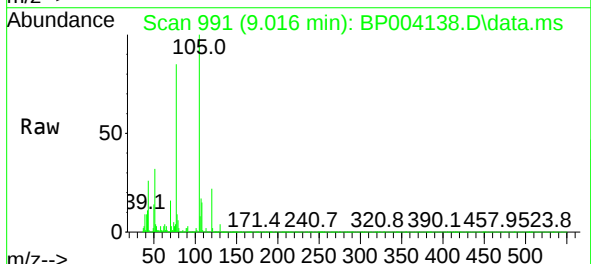
Manual Integrations  
APPROVED

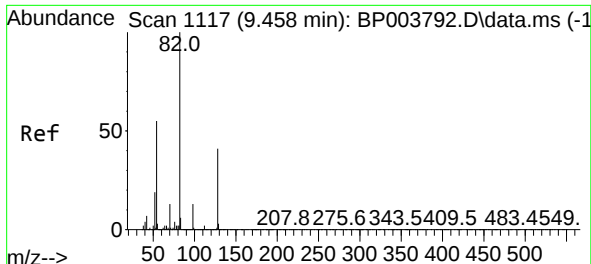
mohammad  
12/7/2020 8:53:53 AM



#22  
Acetophenone  
Concen: 46.55 ng  
RT: 9.016 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

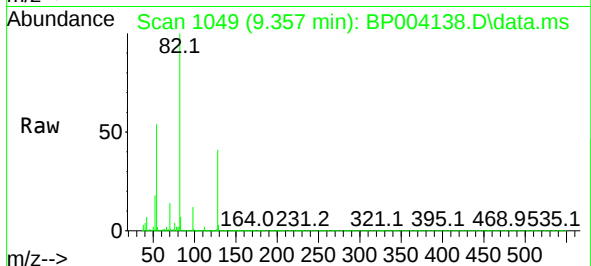
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 631610 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.6   | 2.6   | 3.8    |
| 51        | 31.7  | 13.5  | 20.3#  |
| 120       | 22.1  | 19.6  | 29.4   |





#23  
Nitrobenzene-d5  
Concen: 55.24 ng  
RT: 9.357 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

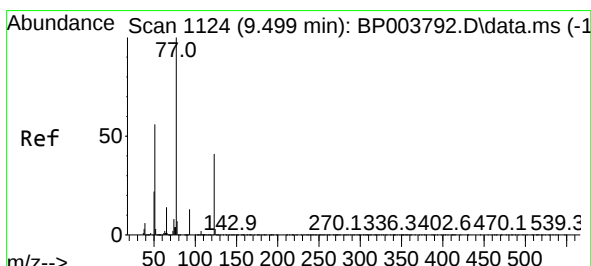
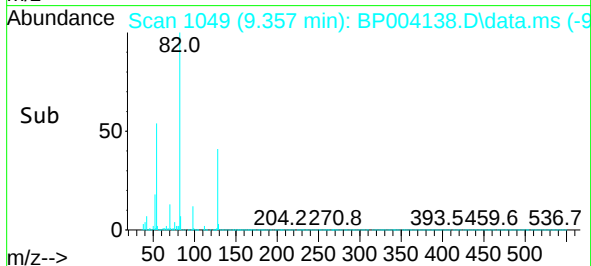
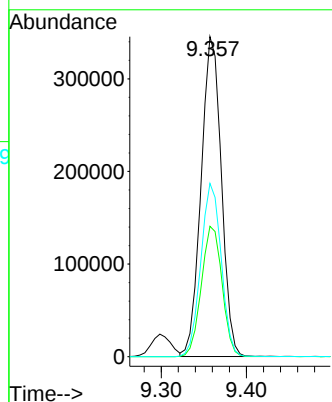
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion: 82 Resp: 570230  
Ion Ratio Lower Upper  
82 100  
128 40.8 45.6 68.4#  
54 54.2 30.1 45.1#

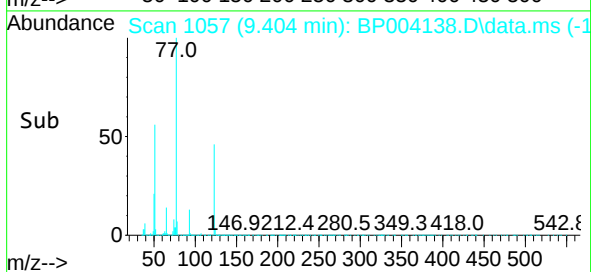
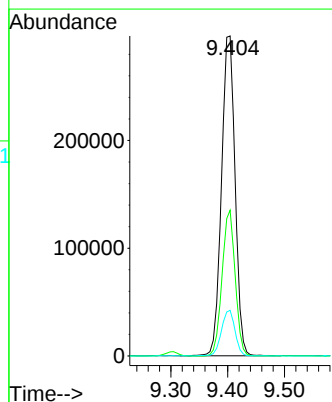
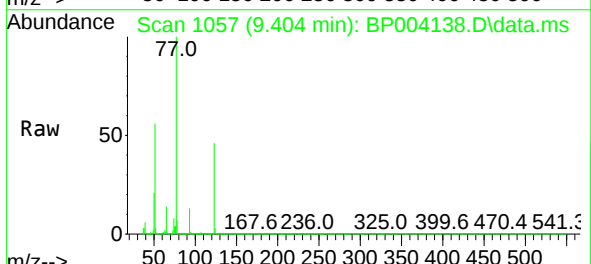
Manual Integrations  
APPROVED

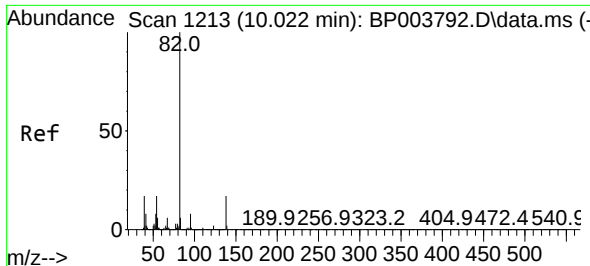
mohammad  
12/7/2020 8:53:53 AM



#24  
Nitrobenzene  
Concen: 48.28 ng  
RT: 9.404 min Scan# 1057  
Delta R.T. 0.005 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

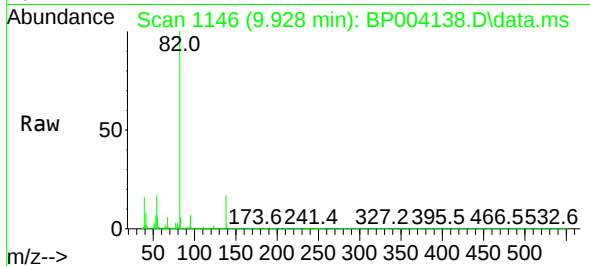
Tgt Ion: 77 Resp: 495287  
Ion Ratio Lower Upper  
77 100  
123 45.6 48.6 72.8#  
65 14.3 10.0 15.0





#25  
Isophorone  
Concen: 49.62 ng  
RT: 9.928 min Scan# 1146  
Delta R.T. 0.005 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

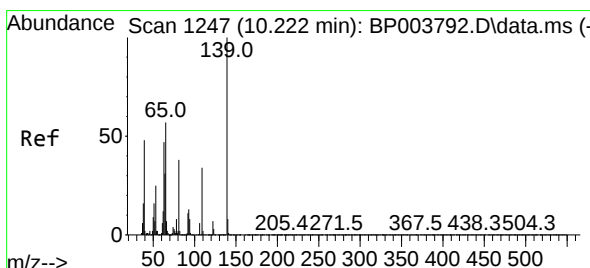
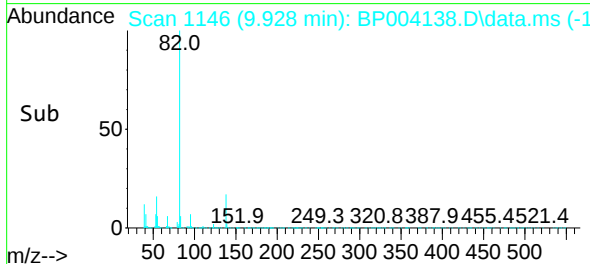
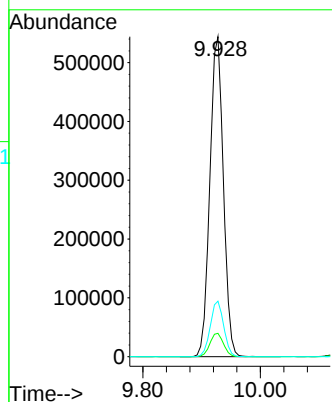
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion: 82 Resp: 870024  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.4 9.6  
138 17.4 18.7 28.1#

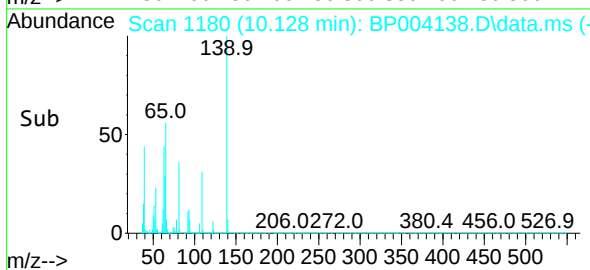
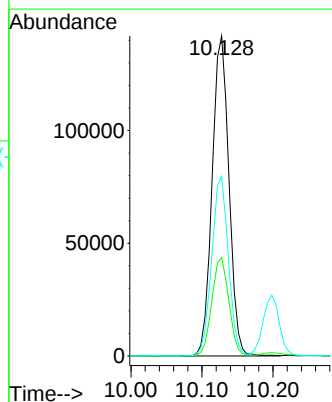
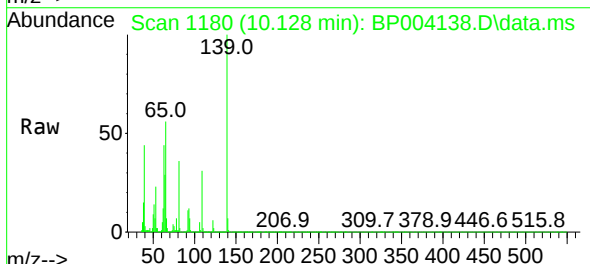
Manual Integrations  
APPROVED

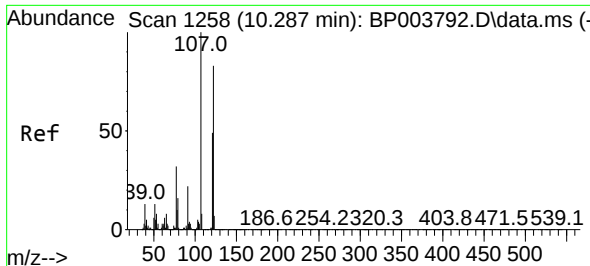
mohammad  
12/7/2020 8:53:53 AM



#26  
2-Nitrophenol  
Concen: 58.24 ng  
RT: 10.128 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

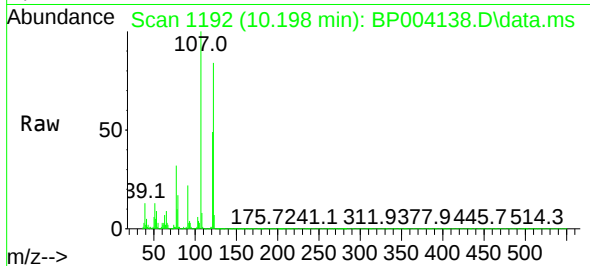
Tgt Ion: 139 Resp: 233272  
Ion Ratio Lower Upper  
139 100  
109 30.8 22.1 33.1  
65 56.1 26.5 39.7#





#27  
2,4-Dimethylphenol  
Concen: 57.25 ng  
RT: 10.198 min Scan# 1192  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

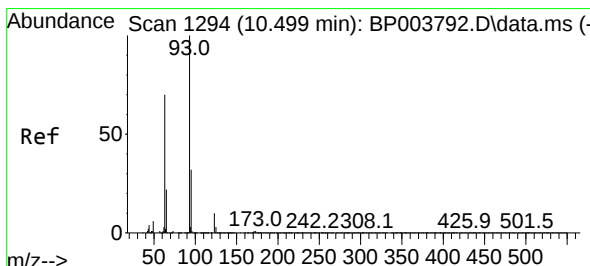
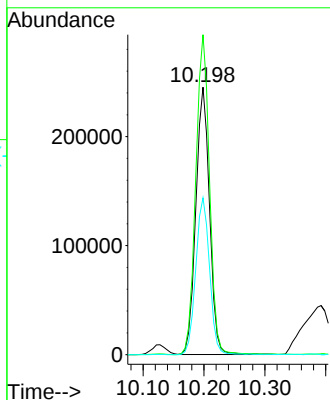
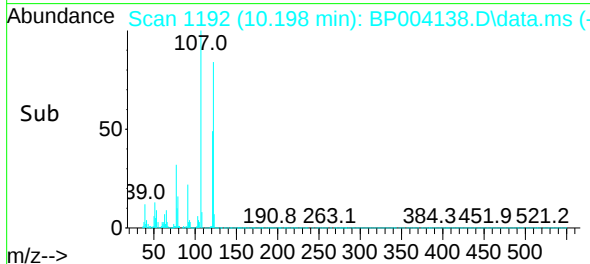
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



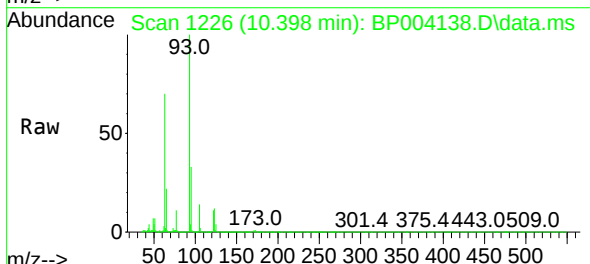
Tgt Ion:122 Resp: 382504  
Ion Ratio Lower Upper  
122 100  
107 119.7 87.3 130.9  
121 58.6 47.3 70.9

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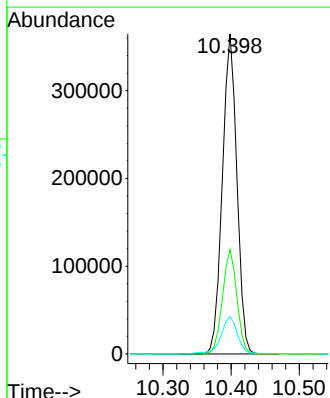
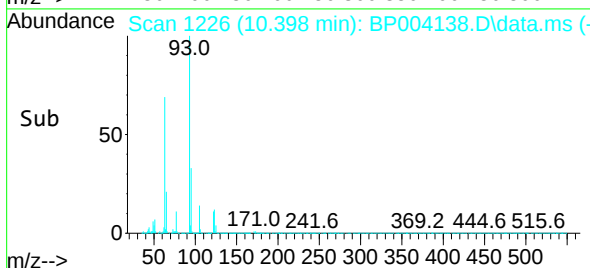
mohammad  
12/7/2020 8:53:53 AM

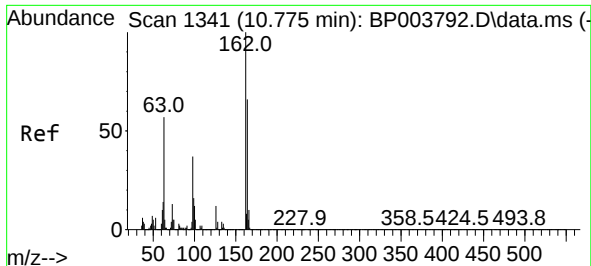


#28  
bis(2-Chloroethoxy)methane  
Concen: 44.87 ng  
RT: 10.398 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



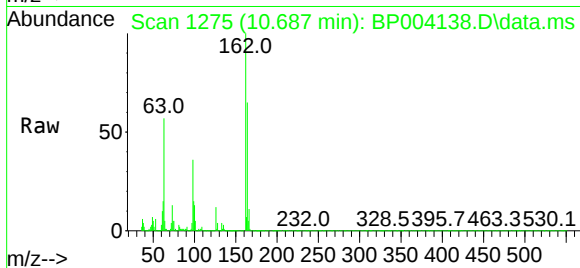
Tgt Ion: 93 Resp: 539866  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.7 40.1  
123 11.7 10.5 15.7





#29  
2,4-Dichlorophenol  
Concen: 49.93 ng  
RT: 10.687 min Scan# 1275  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

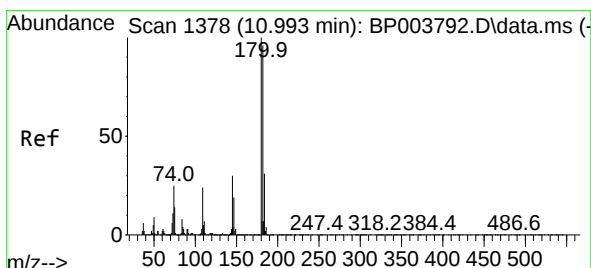
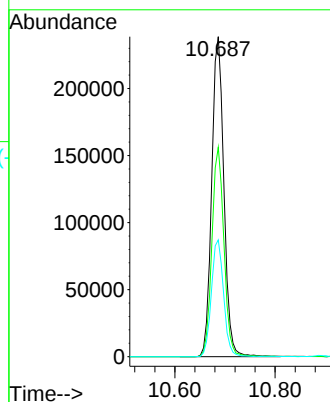
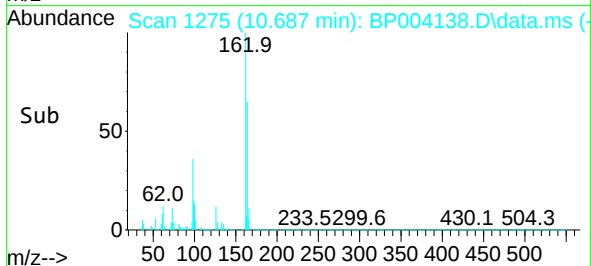
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ClientSampleId :  
SK-12-1-SPAMS



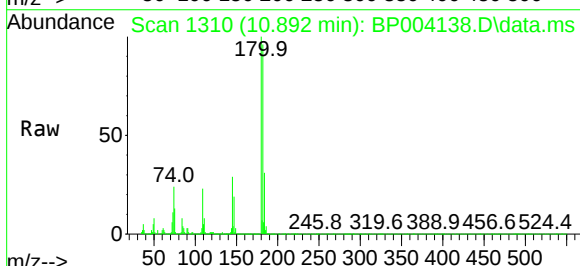
Tgt Ion:162 Resp: 401956  
Ion Ratio Lower Upper  
162 100  
164 65.4 45.8 85.8  
98 36.5 10.2 50.2

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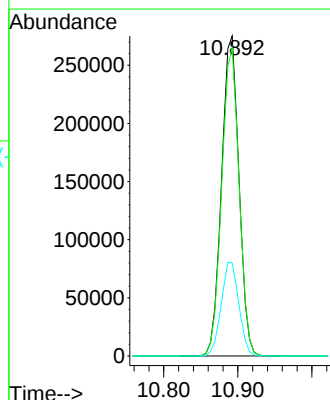
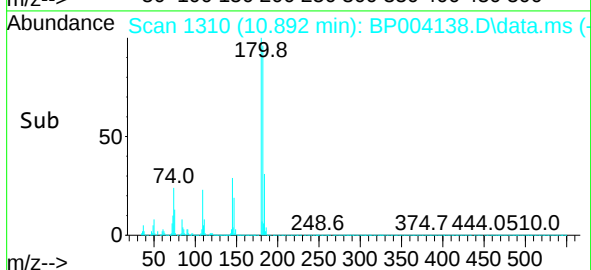
mohammad  
12/7/2020 8:53:53 AM

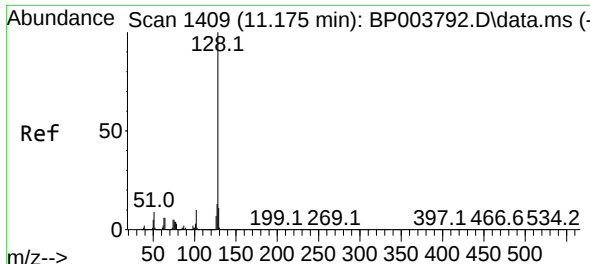


#30  
1,2,4-Trichlorobenzene  
Concen: 45.66 ng  
RT: 10.892 min Scan# 1310  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



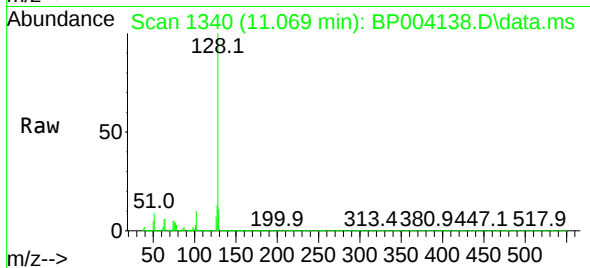
Tgt Ion:180 Resp: 447873  
Ion Ratio Lower Upper  
180 100  
182 96.2 76.2 114.2  
145 29.1 23.8 35.8





#31  
Naphthalene  
Concen: 47.12 ng  
RT: 11.069 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

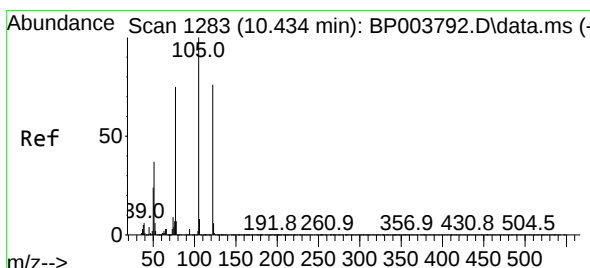
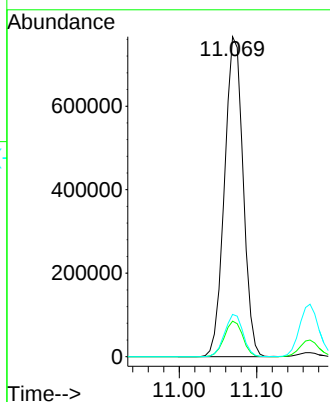
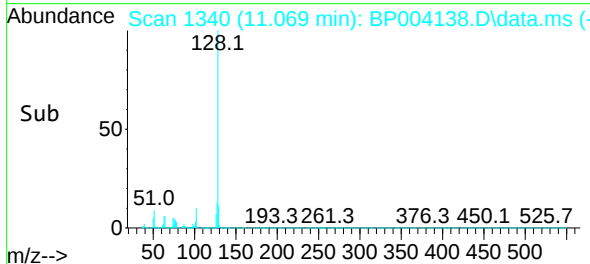
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



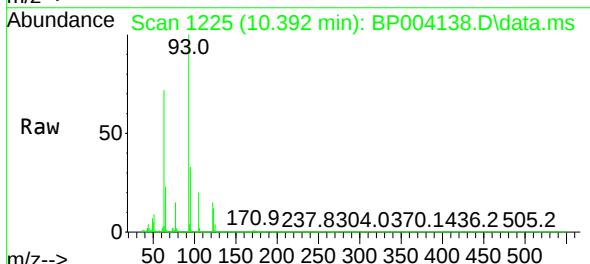
Tgt Ion:128 Resp: 1278320  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.2 10.6 15.8

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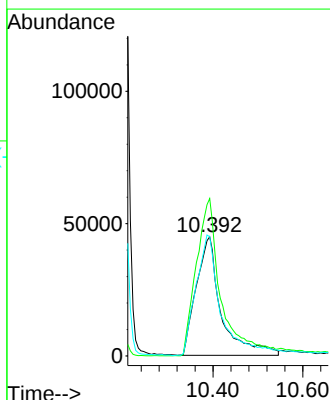
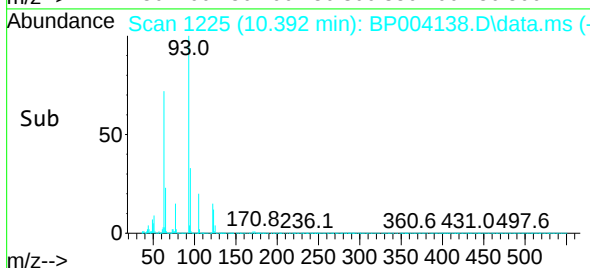
mohammad  
12/7/2020 8:53:53 AM

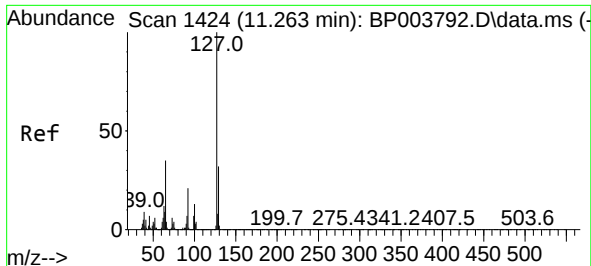


#32  
Benzoic acid  
Concen: 38.87 ng m  
RT: 10.392 min Scan# 1225  
Delta R.T. 0.017 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



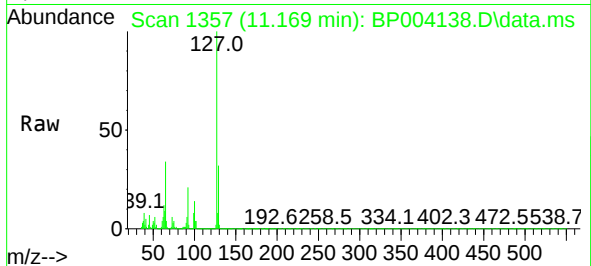
Tgt Ion:122 Resp: 173343  
Ion Ratio Lower Upper  
122 100  
105 132.1 94.1 134.1  
77 99.9 50.1 90.1#





#33  
4-Chloroaniline  
Concen: 19.19 ng  
RT: 11.169 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

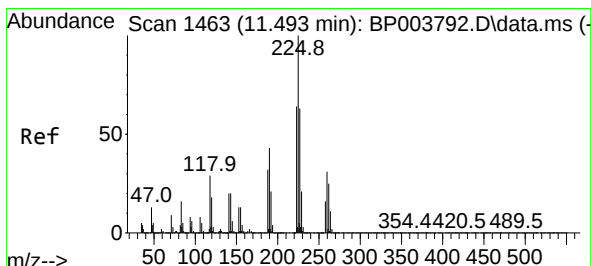
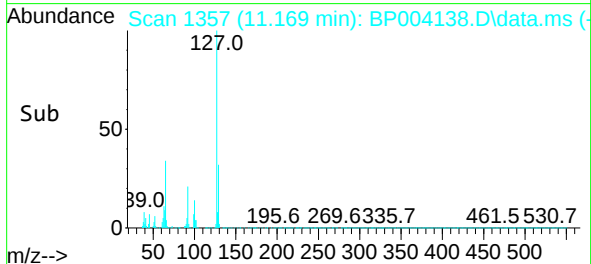
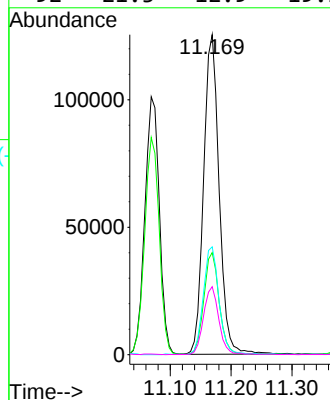
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:127 Resp: 221196  
Ion Ratio Lower Upper  
127 100  
129 31.9 25.7 38.5  
65 33.7 17.3 25.9#  
92 21.3 12.9 19.3#

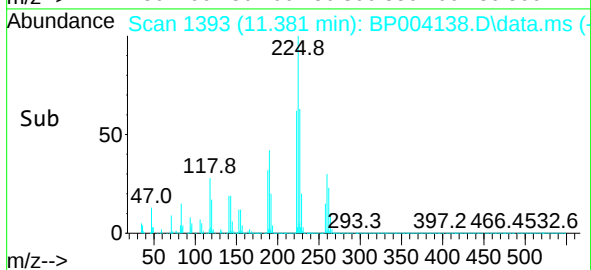
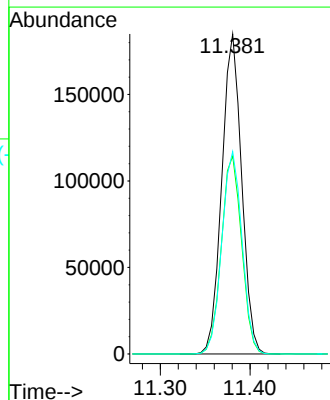
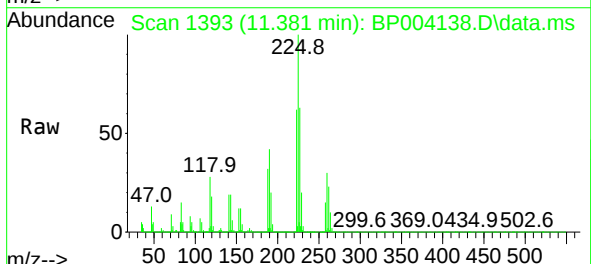
Manual Integrations  
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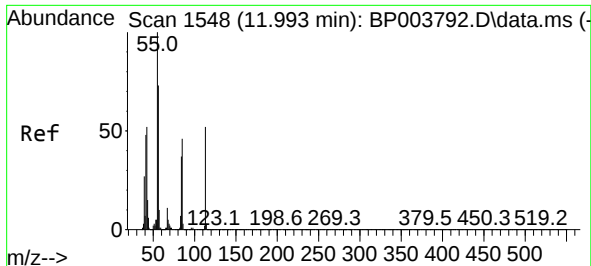
mohammad  
12/7/2020 8:53:53 AM



#34  
Hexachlorobutadiene  
Concen: 44.30 ng  
RT: 11.381 min Scan# 1393  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

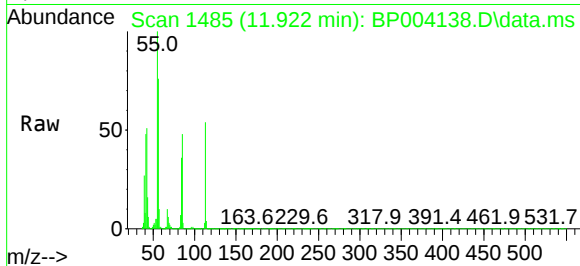
Tgt Ion:225 Resp: 283404  
Ion Ratio Lower Upper  
225 100  
223 61.8 50.1 75.1  
227 63.2 51.4 77.2





#35  
Caprolactam  
Concen: 49.88 ng  
RT: 11.922 min Scan# 1485  
Delta R.T. 0.011 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

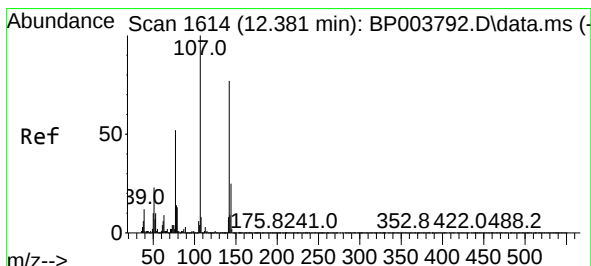
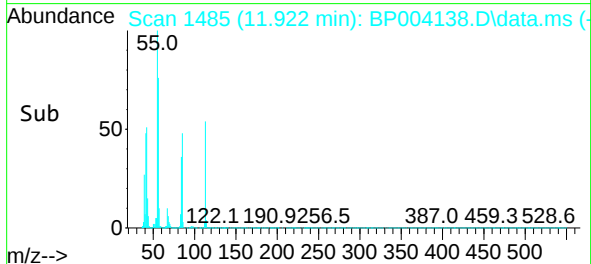
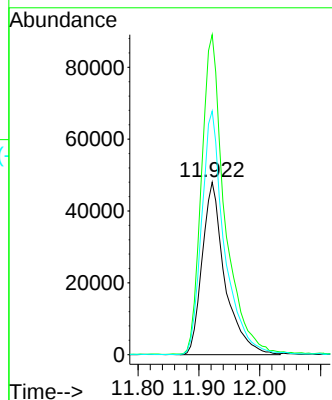
Instrument :  
BNA\_P  
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Tgt Ion:113 Resp: 124173  
Ion Ratio Lower Upper  
113 100  
55 185.5 77.3 117.3#  
56 141.3 55.9 95.9#

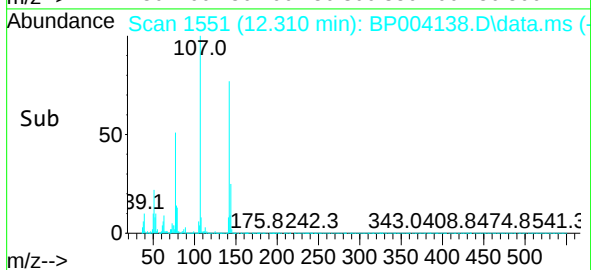
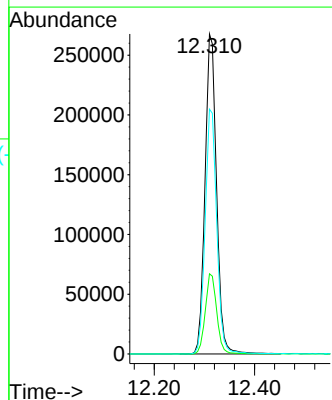
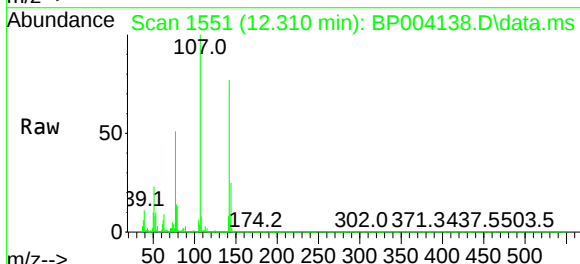
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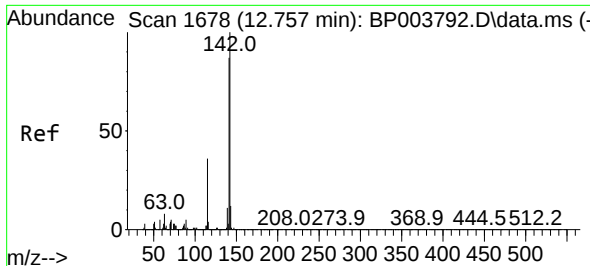
mohammad  
12/7/2020 8:53:53 AM



#36  
4-Chloro-3-methylphenol  
Concen: 49.22 ng  
RT: 12.310 min Scan# 1551  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

Tgt Ion:107 Resp: 427759  
Ion Ratio Lower Upper  
107 100  
144 25.0 22.7 34.1  
142 76.5 70.7 106.1





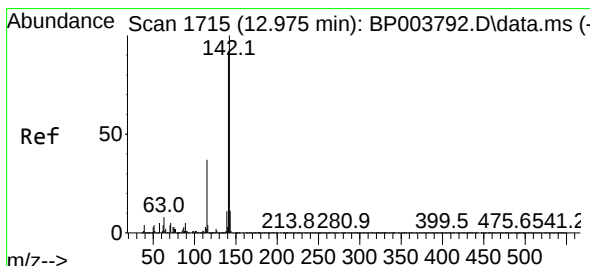
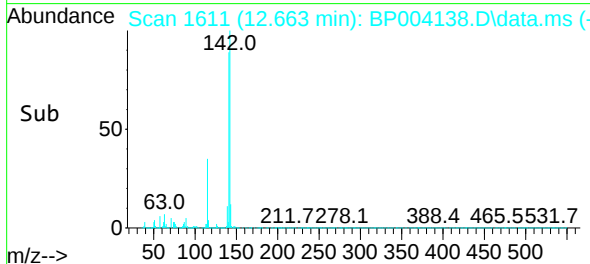
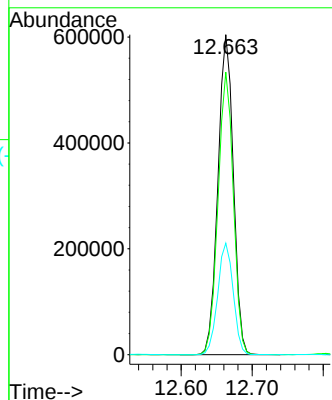
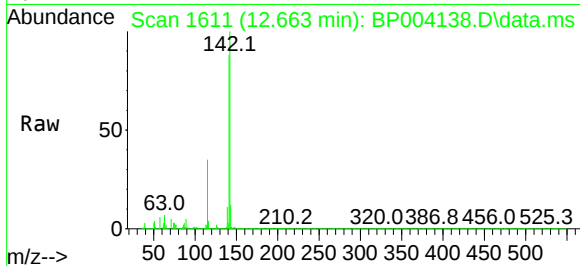
#37  
2-Methylnaphthalene  
Concen: 46.70 ng  
RT: 12.663 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

Tgt Ion:142 Resp: 906546  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.4 107.2  
115 34.8 25.8 38.6

Instrument :  
BNA\_P  
ClientSampleId :  
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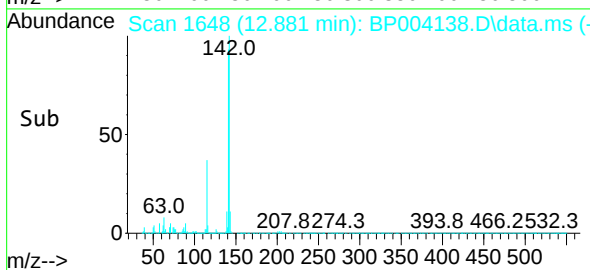
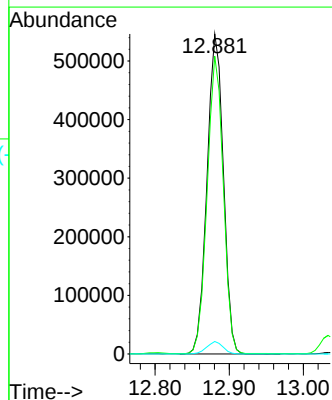
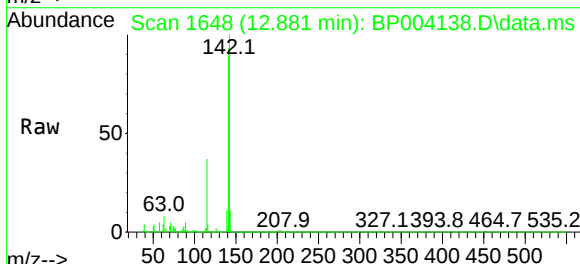
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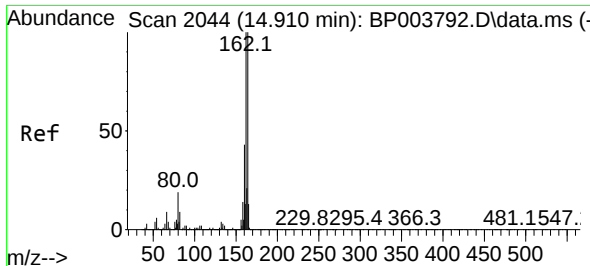
mohammad  
12/7/2020 8:53:53 AM



#38  
1-Methylnaphthalene  
Concen: 45.22 ng  
RT: 12.881 min Scan# 1648  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

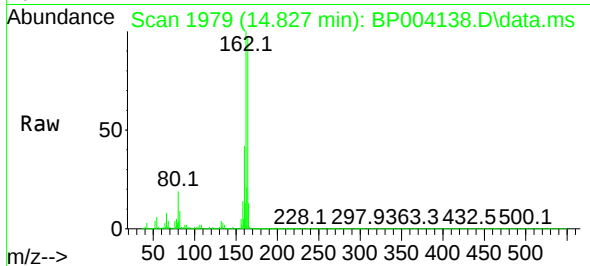
Tgt Ion:142 Resp: 837339  
Ion Ratio Lower Upper  
142 100  
141 93.0 74.4 111.6  
116 3.9 2.9 4.3





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.827 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

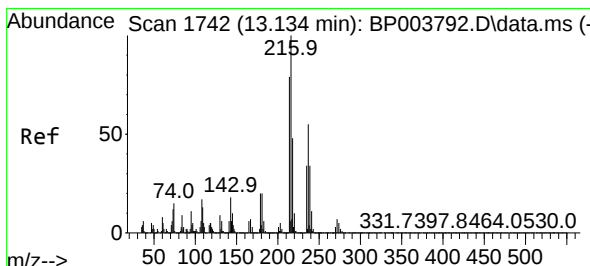
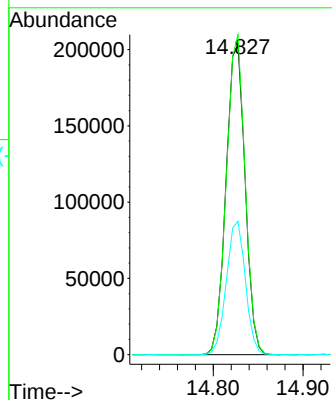
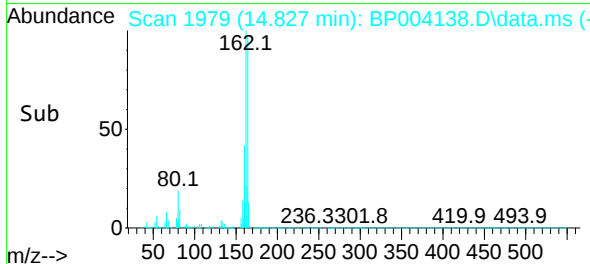
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ClientSampleId :  
SK-12-1-SPAMS



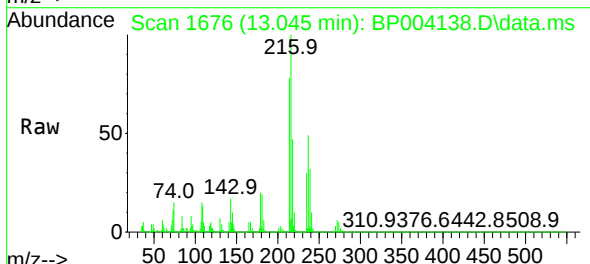
Tgt Ion:164 Resp: 300775  
Ion Ratio Lower Upper  
164 100  
162 102.9 79.4 119.2  
160 42.9 36.1 54.1

Manual Integrations  
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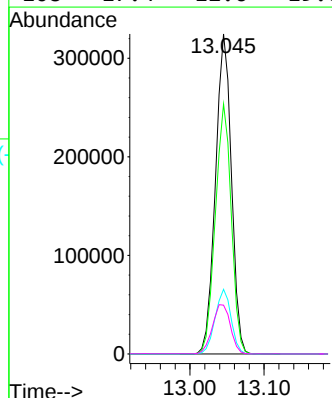
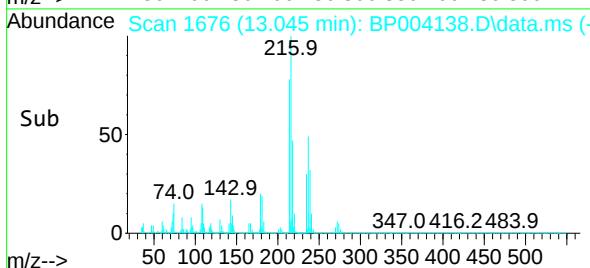
mohammad  
12/7/2020 8:53:53 AM

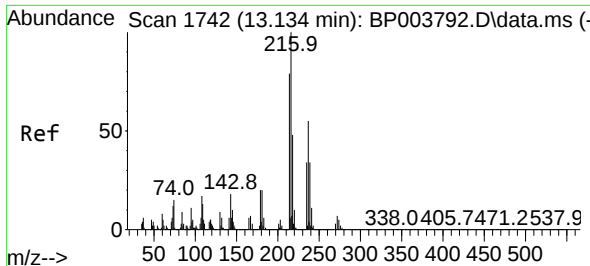


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.70 ng  
RT: 13.045 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



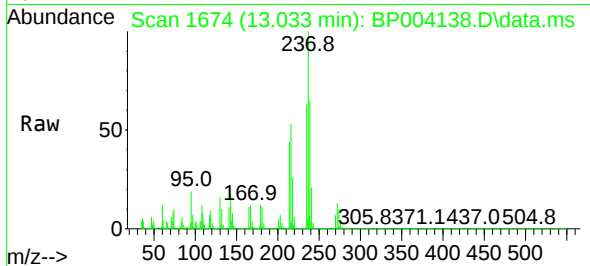
Tgt Ion:216 Resp: 484741  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.0 94.6  
179 20.3 16.9 25.3  
108 17.4 12.6 19.0





#41  
Hexachlorocyclopentadiene  
Concen: 84.00 ng  
RT: 13.033 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

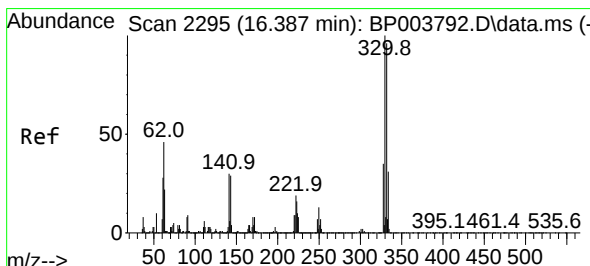
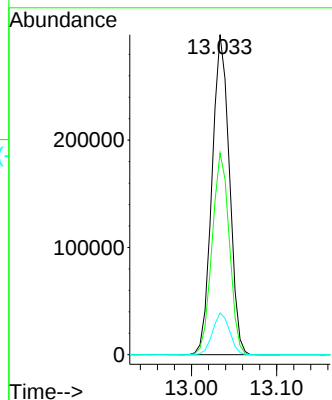
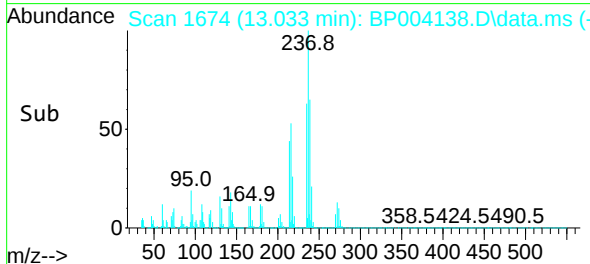
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



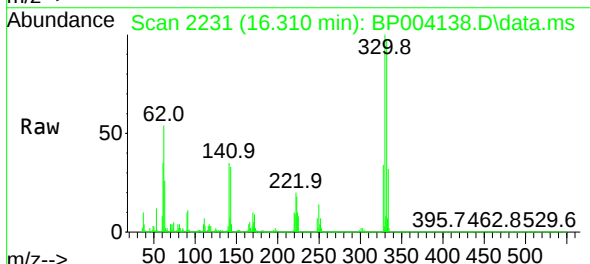
Tgt Ion:237 Resp: 421828  
Ion Ratio Lower Upper  
237 100  
235 63.0 43.2 83.2  
272 13.0 0.0 33.3

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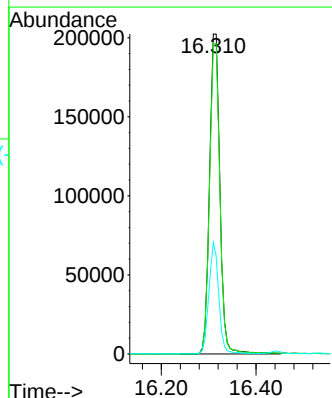
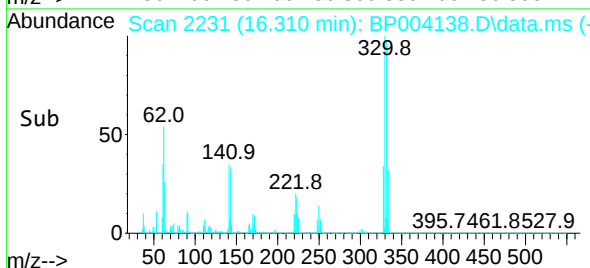
mohammad  
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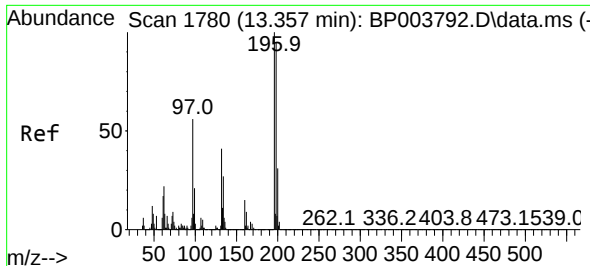


#42  
2,4,6-Tribromophenol  
Concen: 81.84 ng  
RT: 16.310 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



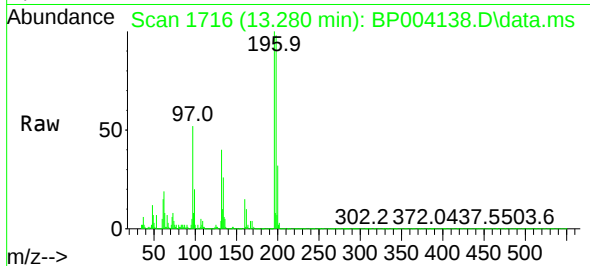
Tgt Ion:330 Resp: 307869  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 33.0 23.4 35.2





#43  
2,4,6-Trichlorophenol  
Concen: 50.11 ng  
RT: 13.280 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

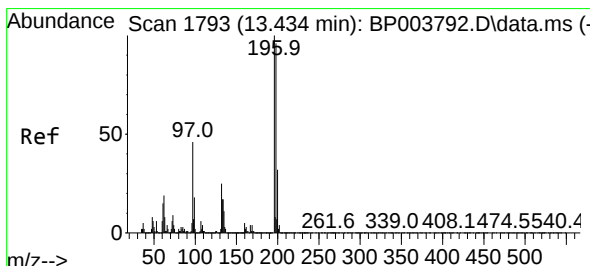
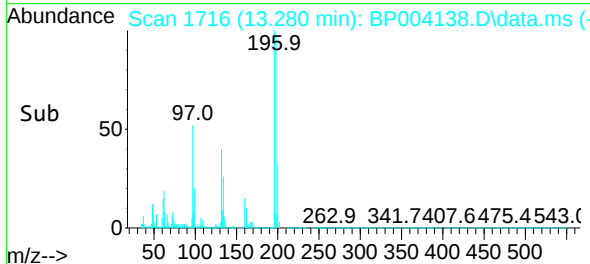
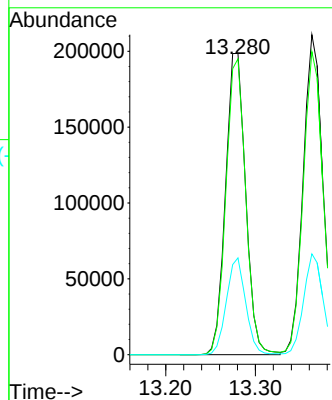
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:196 Resp: 308350  
Ion Ratio Lower Upper  
196 100  
198 98.2 77.0 115.6  
200 32.2 25.1 37.7

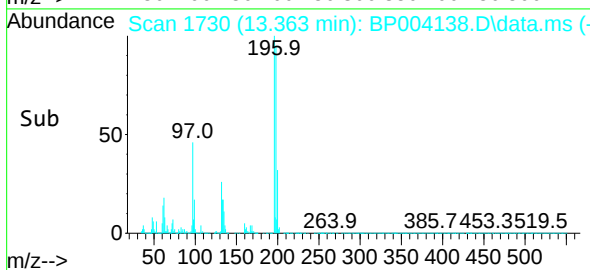
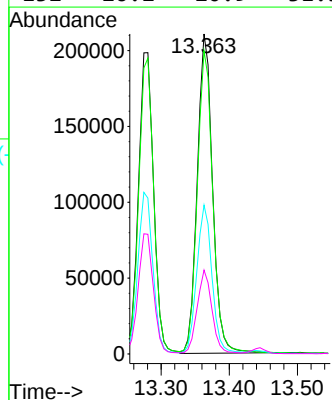
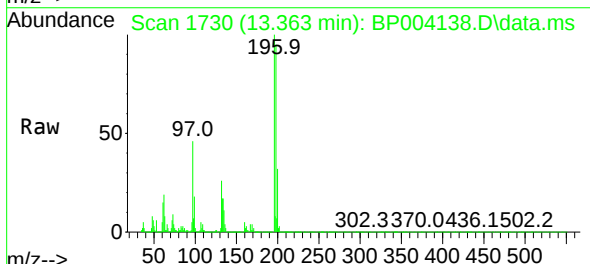
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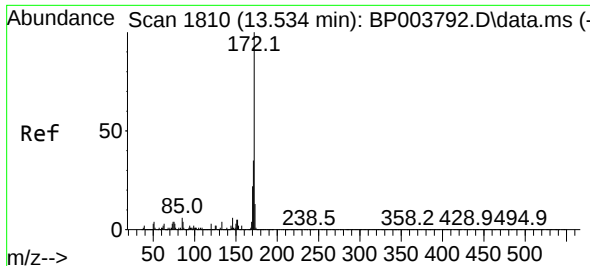
mohammad  
12/7/2020 8:53:53 AM



#44  
2,4,5-Trichlorophenol  
Concen: 50.55 ng  
RT: 13.363 min Scan# 1730  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

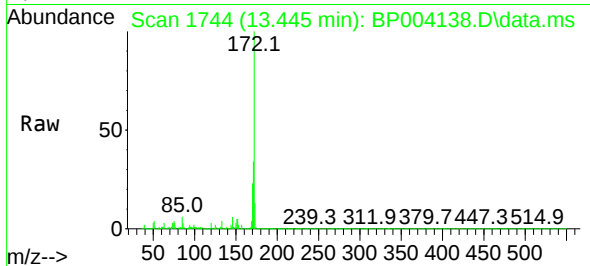
Tgt Ion:196 Resp: 327500  
Ion Ratio Lower Upper  
196 100  
198 94.7 77.3 115.9  
97 46.5 31.0 46.4#  
132 26.2 20.9 31.3





#45  
2-Fluorobiphenyl  
Concen: 52.71 ng  
RT: 13.445 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

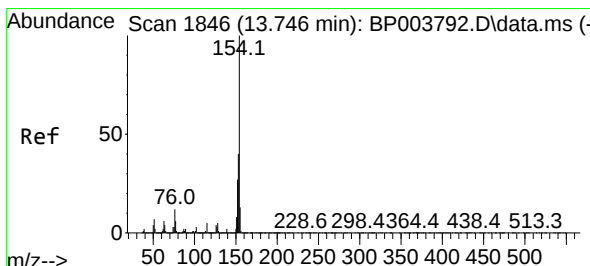
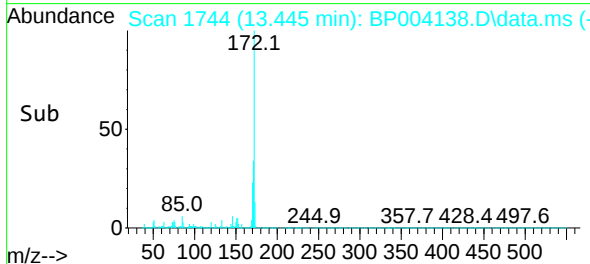
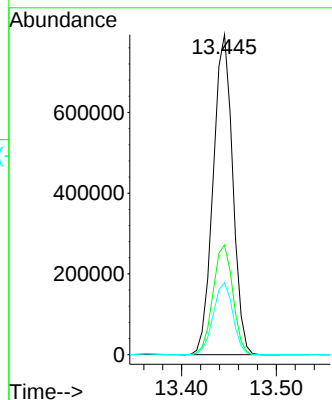
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:172 Resp: 1133920  
Ion Ratio Lower Upper  
172 100  
171 34.3 28.5 42.7  
170 22.5 19.2 28.8

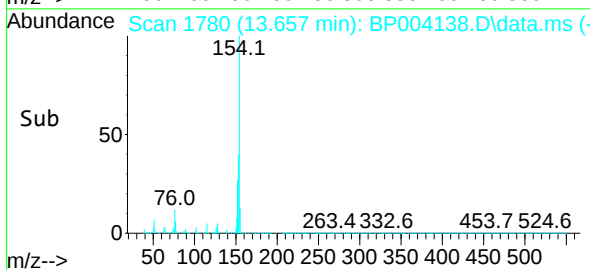
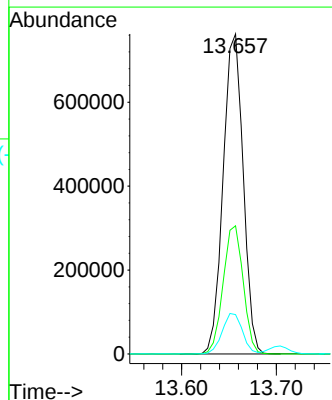
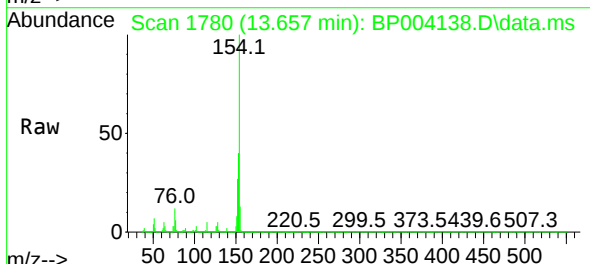
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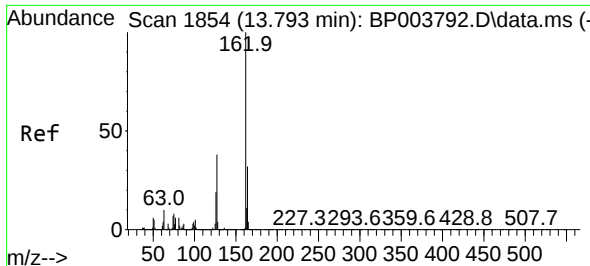
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 48.02 ng  
RT: 13.657 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

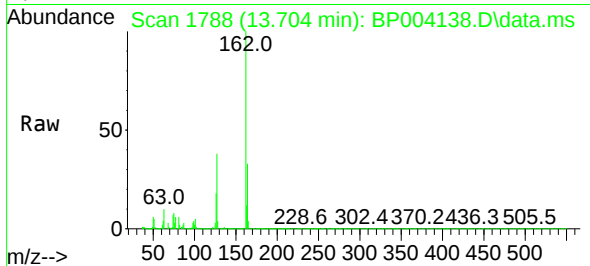
Tgt Ion:154 Resp: 1121260  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.4 60.4  
76 12.3 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 46.14 ng  
RT: 13.704 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

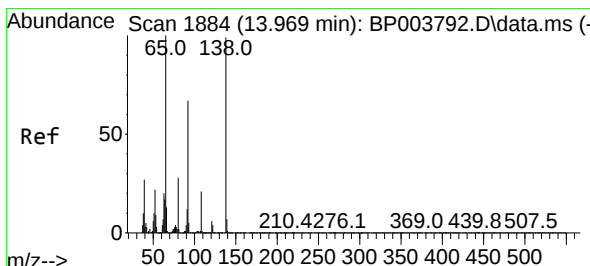
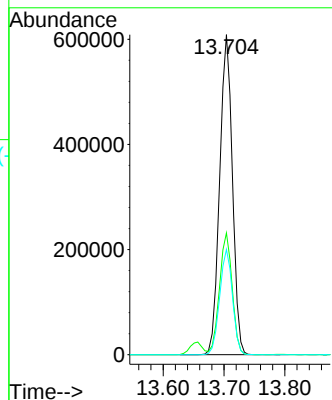
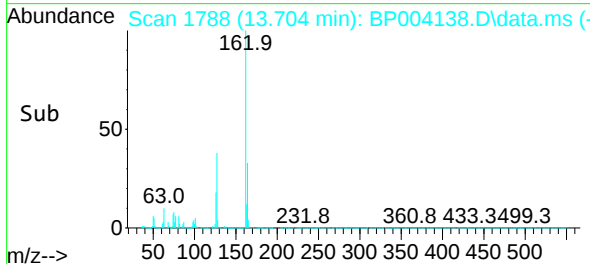
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



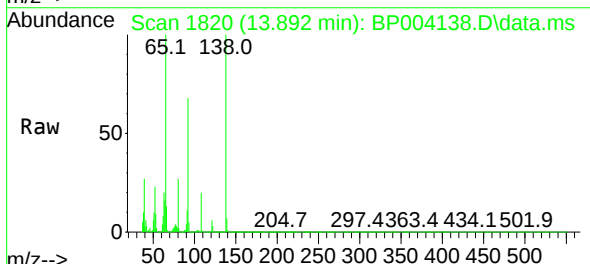
Tgt Ion:162 Resp: 883915  
Ion Ratio Lower Upper  
162 100  
127 38.1 29.9 44.9  
164 32.9 26.1 39.1

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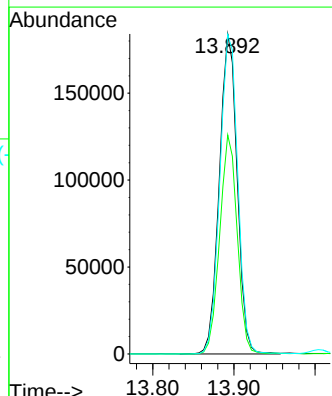
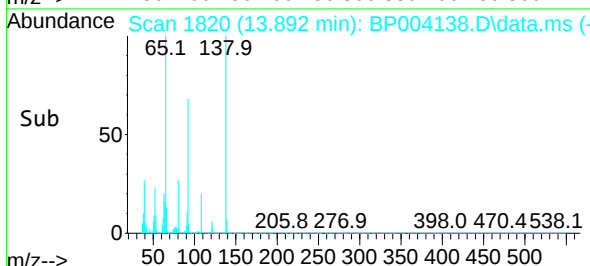
mohammad  
12/7/2020 8:53:53 AM

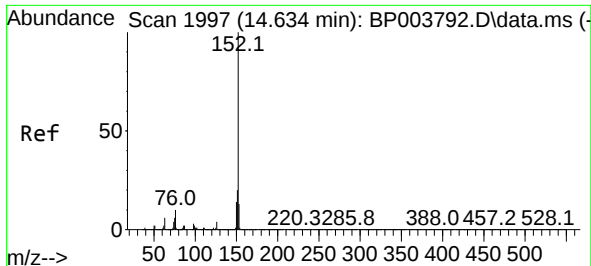


#48  
2-Nitroaniline  
Concen: 49.24 ng  
RT: 13.892 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



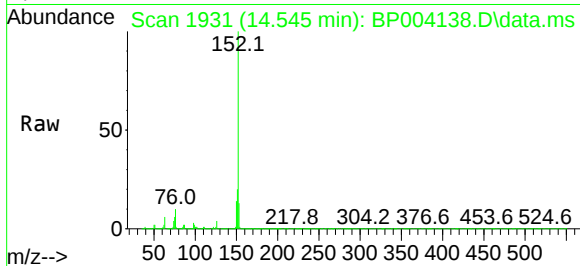
Tgt Ion: 65 Resp: 281458  
Ion Ratio Lower Upper  
65 100  
92 68.4 70.6 106.0#  
138 99.9 133.6 200.4#





#49  
Acenaphthylene  
Concen: 48.96 ng  
RT: 14.545 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

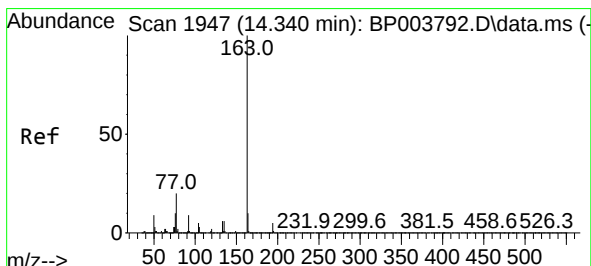
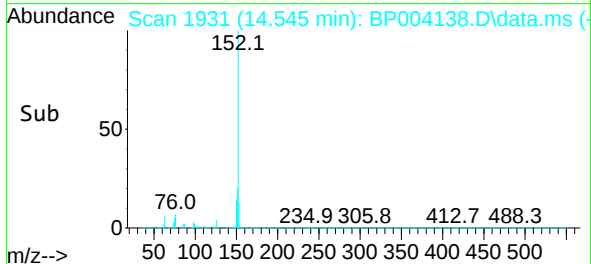
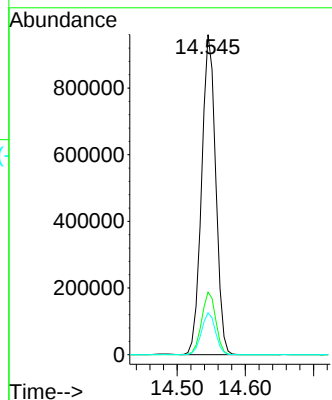
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:152 Resp: 1377374  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.9 23.9  
153 13.1 10.5 15.7

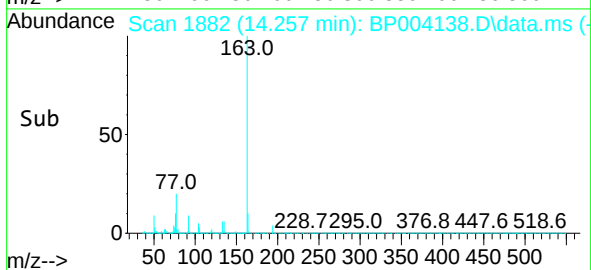
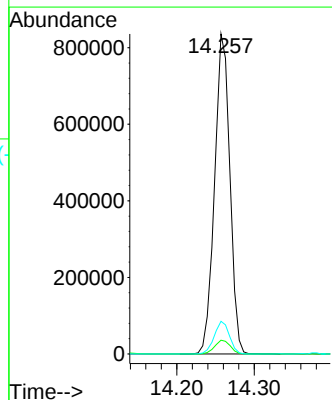
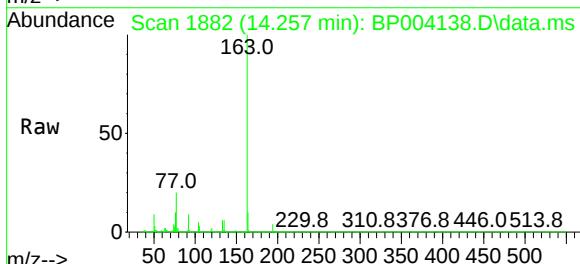
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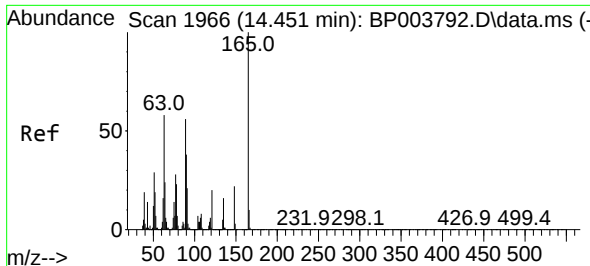
mohammad  
12/7/2020 8:53:53 AM



#50  
Dimethylphthalate  
Concen: 48.67 ng  
RT: 14.257 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

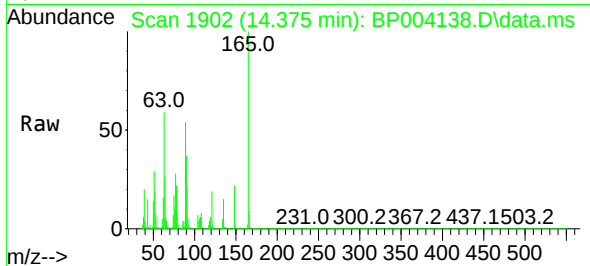
Tgt Ion:163 Resp: 1144210  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.2 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 50.80 ng  
RT: 14.375 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

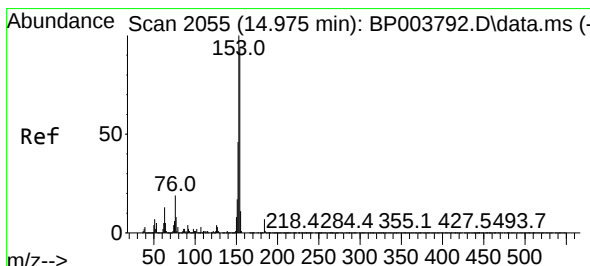
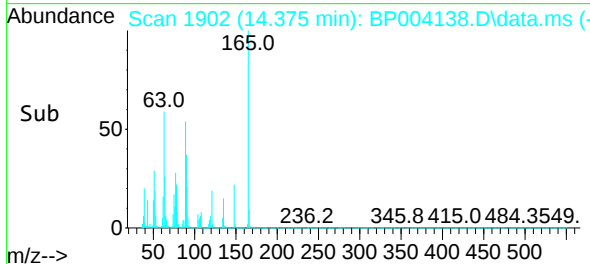
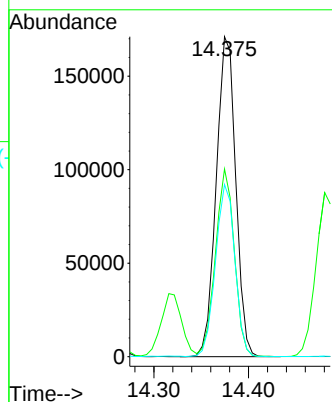
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:165 Resp: 245044  
Ion Ratio Lower Upper  
165 100  
63 58.7 27.8 41.6#  
89 53.8 34.6 52.0#

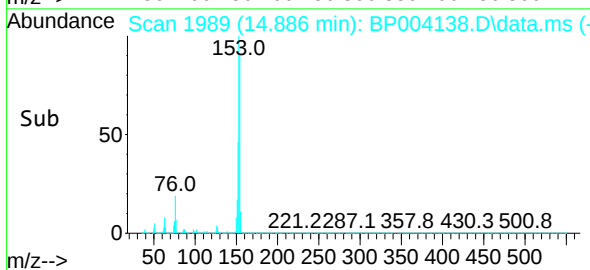
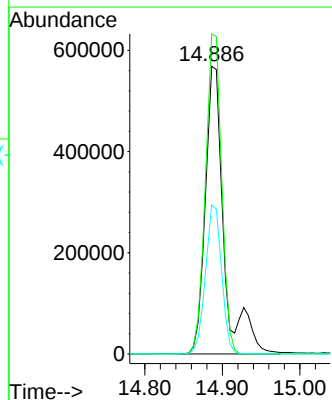
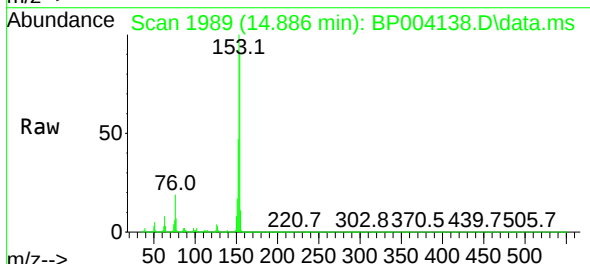
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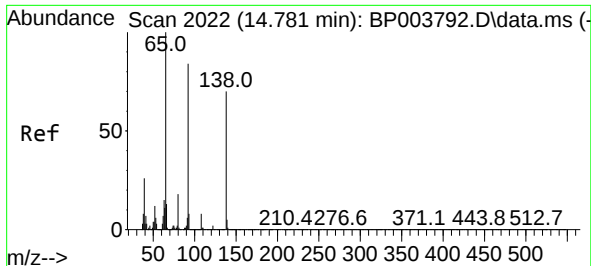
mohammad  
12/7/2020 8:53:53 AM



#52  
Acenaphthene  
Concen: 51.01 ng m  
RT: 14.886 min Scan# 1989  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

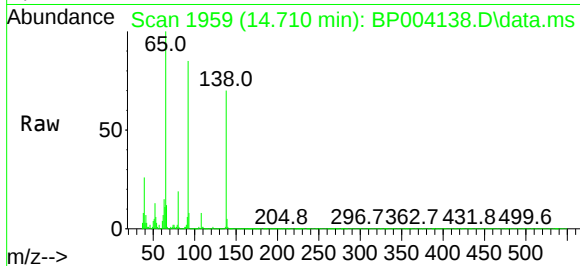
Tgt Ion:154 Resp: 955770  
Ion Ratio Lower Upper  
154 100  
153 111.3 91.0 136.6  
152 51.8 43.0 64.6





#53  
3-Nitroaniline  
Concen: 25.06 ng  
RT: 14.710 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

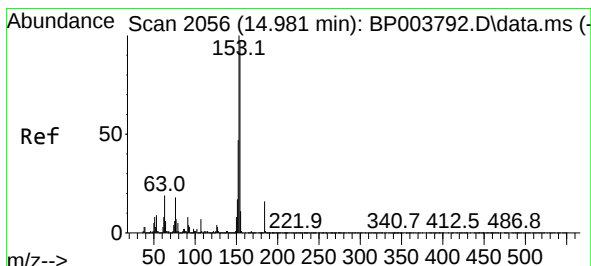
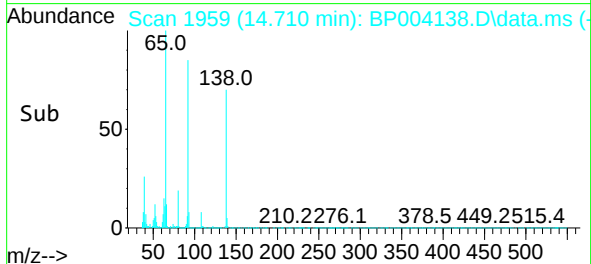
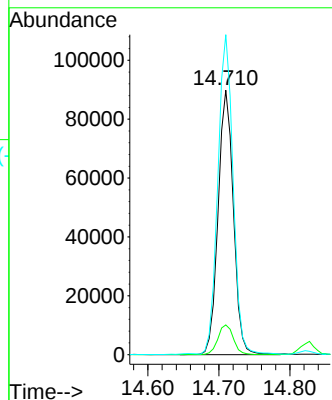
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:138 Resp: 133828  
Ion Ratio Lower Upper  
138 100  
108 11.3 7.5 11.3  
92 121.0 75.0 112.6#

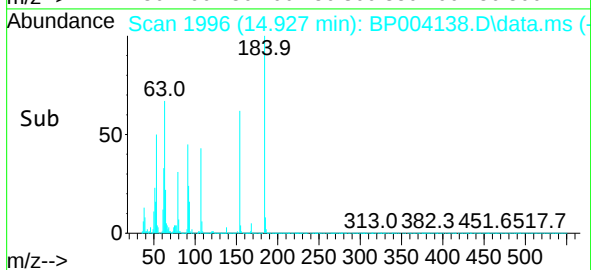
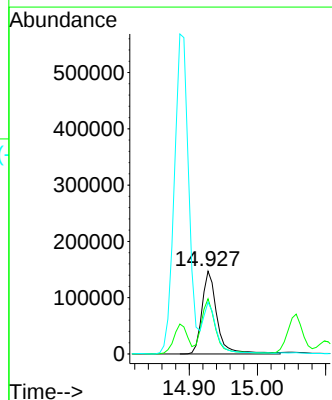
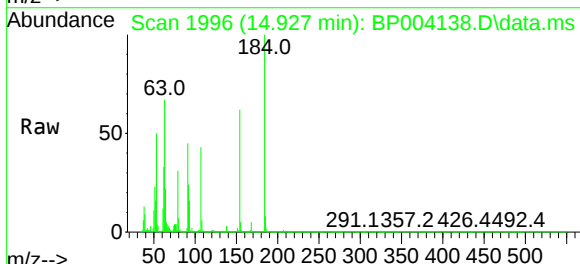
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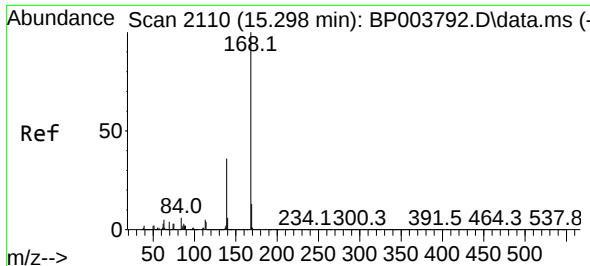
mohammad  
12/7/2020 8:53:53 AM



#54  
2,4-Dinitrophenol  
Concen: 82.58 ng  
RT: 14.927 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

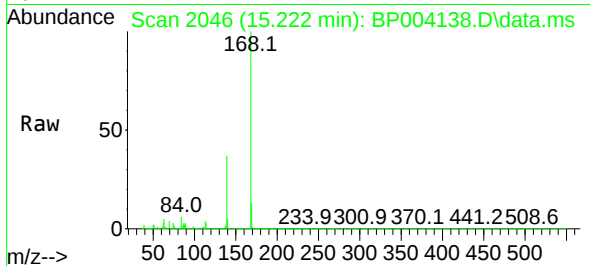
Tgt Ion:184 Resp: 226636  
Ion Ratio Lower Upper  
184 100  
63 66.8 32.3 48.5#  
154 62.4 49.1 73.7





#55  
Dibenzofuran  
Concen: 47.17 ng  
RT: 15.222 min Scan# 2046  
Delta R.T. 0.006 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

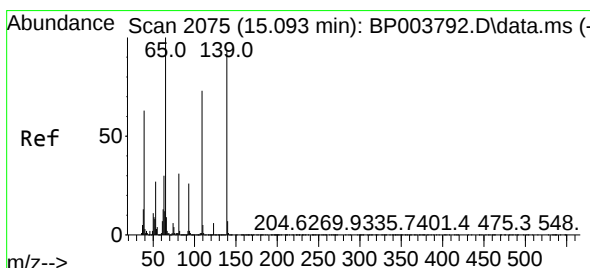
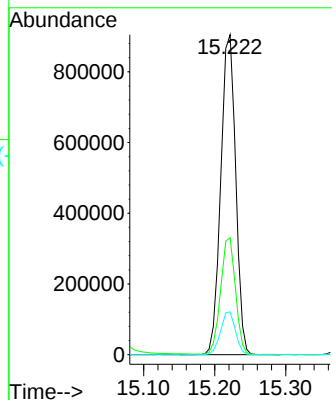
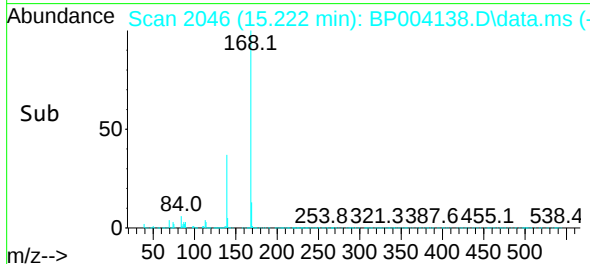
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



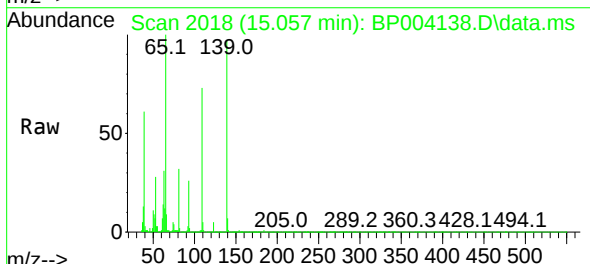
Tgt Ion:168 Resp: 1313239  
Ion Ratio Lower Upper  
168 100  
139 36.6 29.1 43.7  
169 13.4 10.4 15.6

Manual Integrations  
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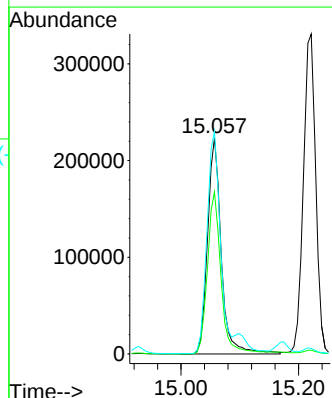
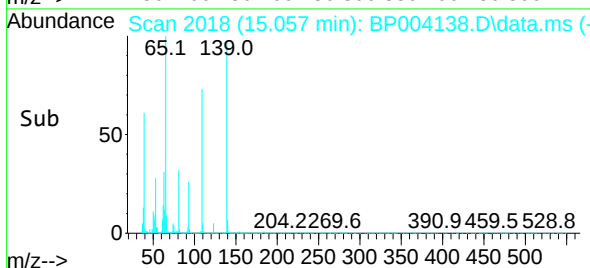
mohammad  
12/7/2020 8:53:53 AM

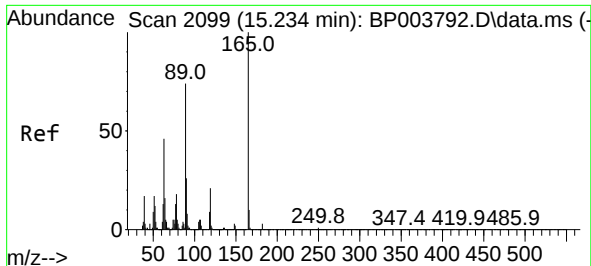


#56  
4-Nitrophenol  
Concen: 93.74 ng  
RT: 15.057 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



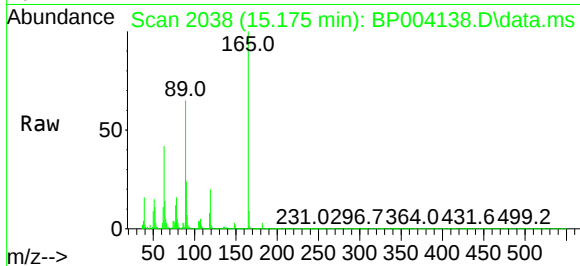
Tgt Ion:139 Resp: 360765  
Ion Ratio Lower Upper  
139 100  
109 75.1 44.6 84.6  
65 103.2 41.6 81.6#





#57  
2,4-Dinitrotoluene  
Concen: 51.55 ng  
RT: 15.175 min Scan# 2038  
Delta R.T. 0.005 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

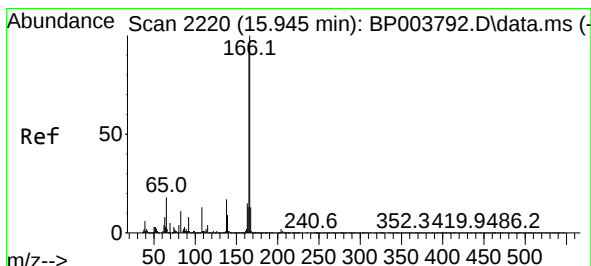
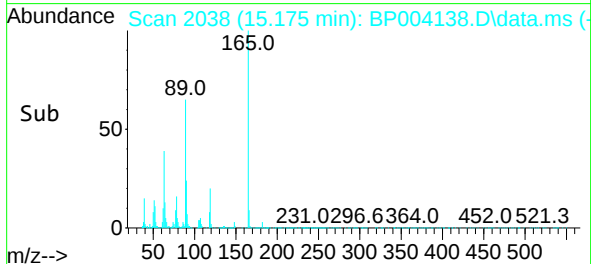
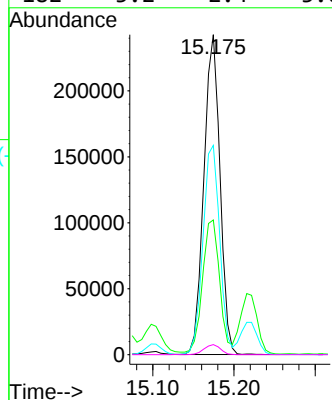
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:165 Resp: 333910  
Ion Ratio Lower Upper  
165 100  
63 42.1 20.6 31.0#  
89 65.4 42.6 63.8#  
182 3.2 2.4 3.6

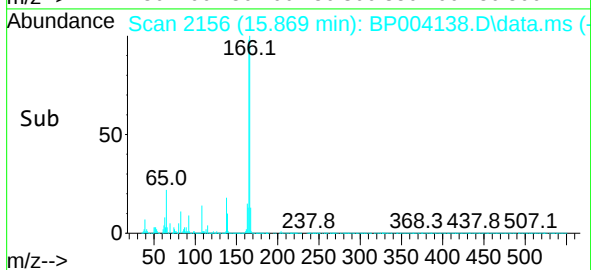
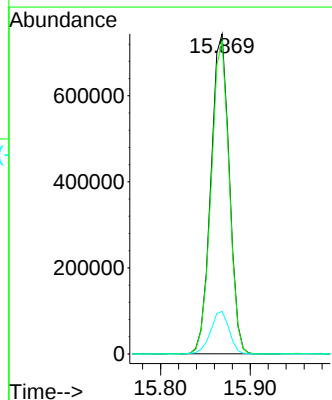
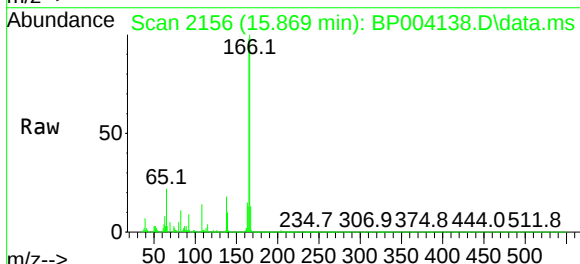
Manual Integrations  
APPROVED

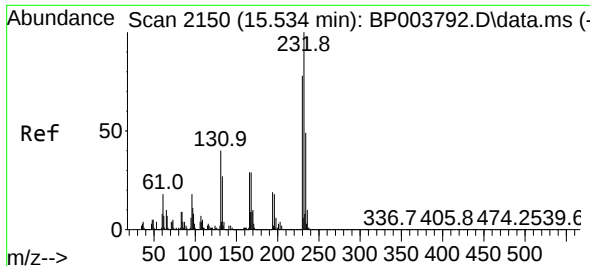
mohammad  
12/7/2020 8:53:53 AM



#58  
Fluorene  
Concen: 47.22 ng  
RT: 15.869 min Scan# 2156  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

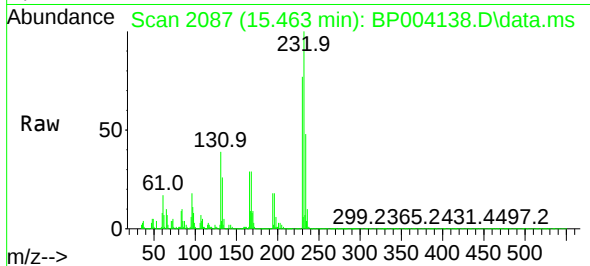
Tgt Ion:166 Resp: 1052853  
Ion Ratio Lower Upper  
166 100  
165 97.7 77.8 116.8  
167 13.3 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.48 ng  
RT: 15.463 min Scan# 2087  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

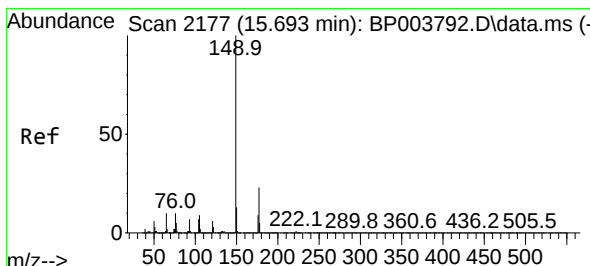
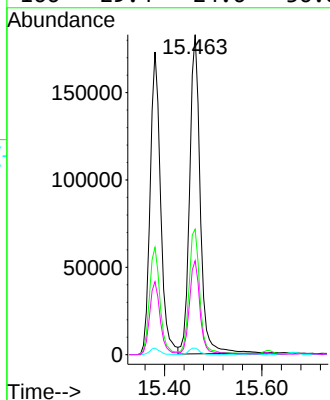
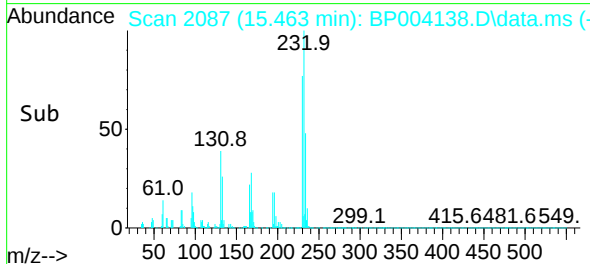
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



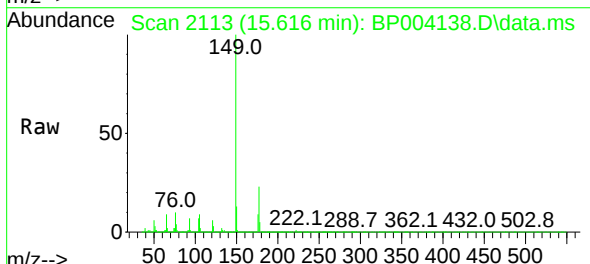
Tgt Ion:232 Resp: 277309  
Ion Ratio Lower Upper  
232 100  
131 39.6 34.1 51.1  
130 2.2 1.8 2.8  
166 29.4 24.6 36.8

Manual Integrations  
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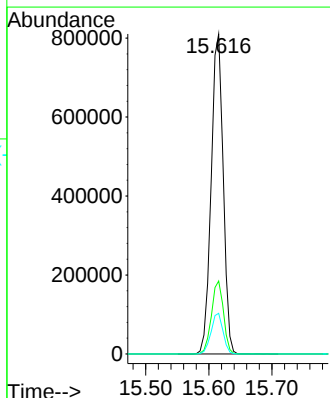
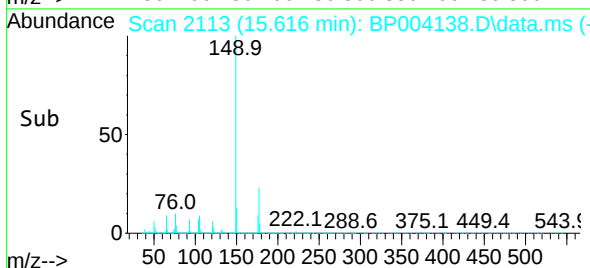
mohammad  
12/7/2020 8:53:53 AM

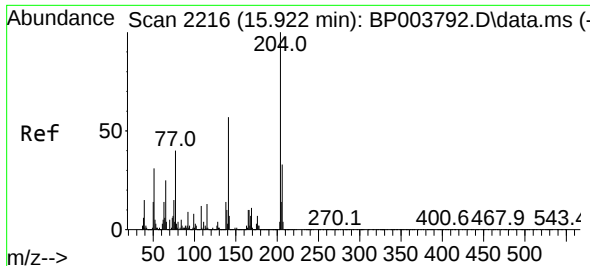


#60  
Diethylphthalate  
Concen: 46.46 ng  
RT: 15.616 min Scan# 2113  
Delta R.T. 0.005 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



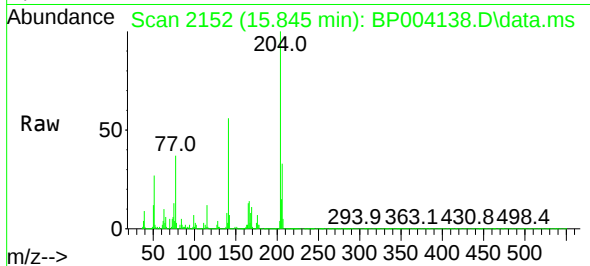
Tgt Ion:149 Resp: 1069491  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.0 27.0  
150 12.7 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 45.77 ng  
RT: 15.845 min Scan# 2152  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

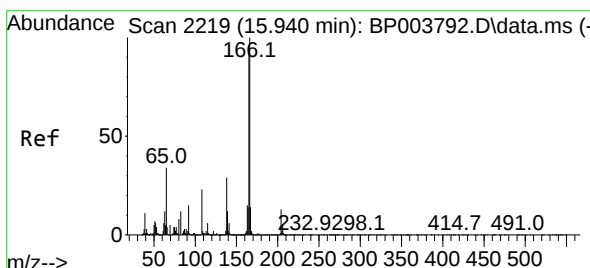
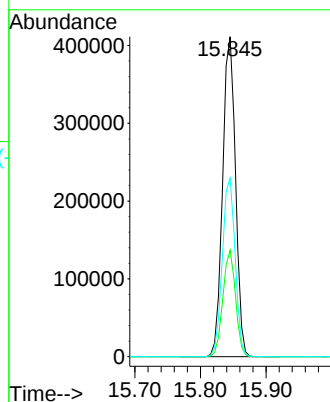
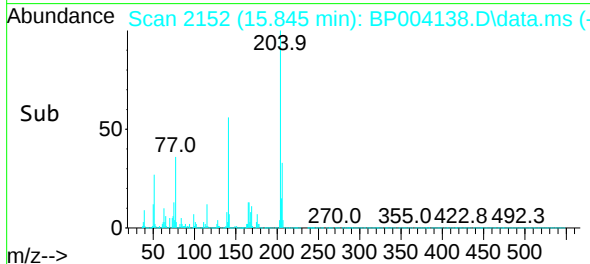
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



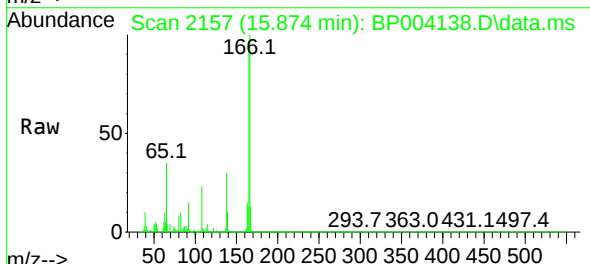
Tgt Ion:204 Resp: 557590  
Ion Ratio Lower Upper  
204 100  
206 33.2 25.9 38.9  
141 55.8 46.5 69.7

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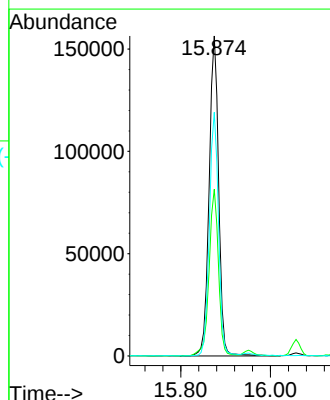
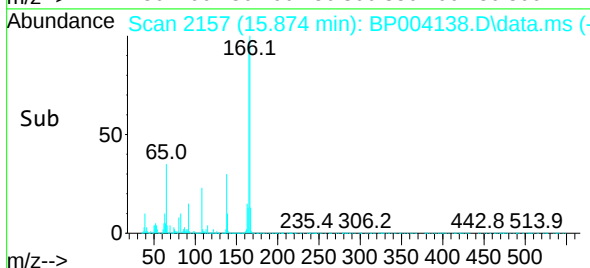
mohammad  
12/7/2020 8:53:53 AM

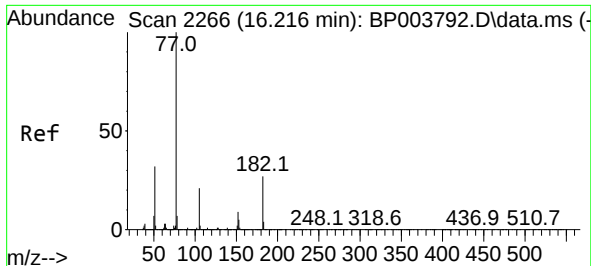


#62  
4-Nitroaniline  
Concen: 41.45 ng  
RT: 15.874 min Scan# 2157  
Delta R.T. 0.005 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



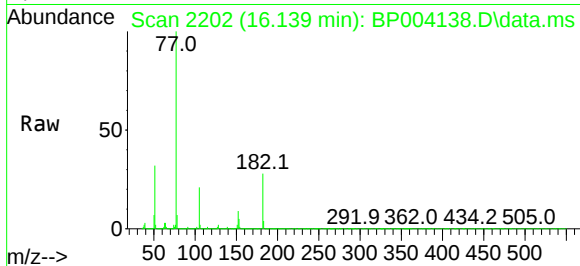
Tgt Ion:138 Resp: 230727  
Ion Ratio Lower Upper  
138 100  
92 52.1 20.7 60.7  
108 76.2 47.8 87.8





#63  
Azobenzene  
Concen: 46.84 ng  
RT: 16.139 min Scan# 2202  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

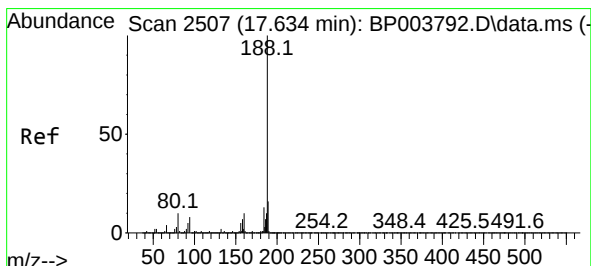
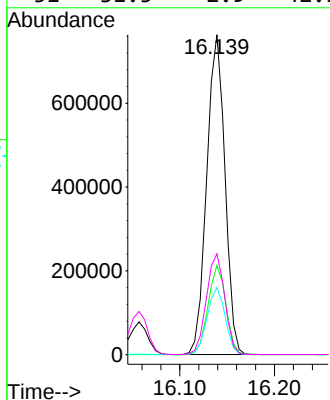
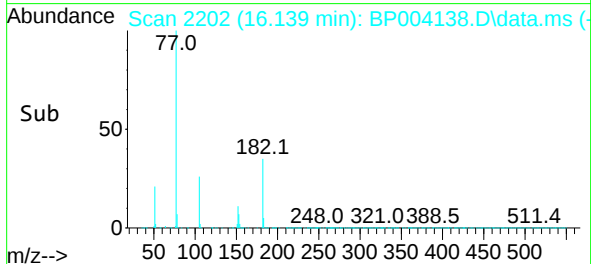
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



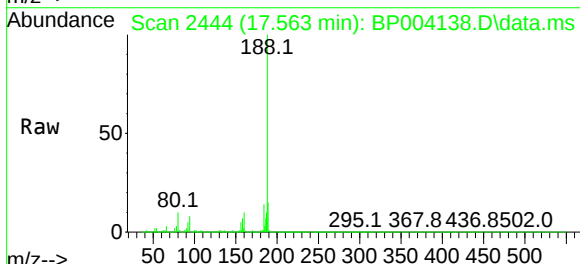
Tgt Ion: 77 Resp: 1018079  
Ion Ratio Lower Upper  
77 100  
182 27.8 16.9 56.9  
105 21.0 5.6 45.6  
51 31.5 2.9 42.9

Manual Integrations  
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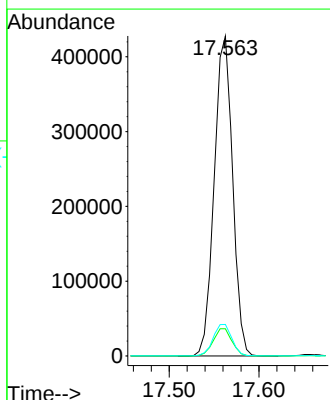
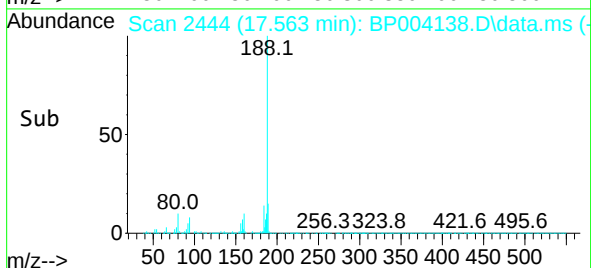
mohammad  
12/7/2020 8:53:53 AM

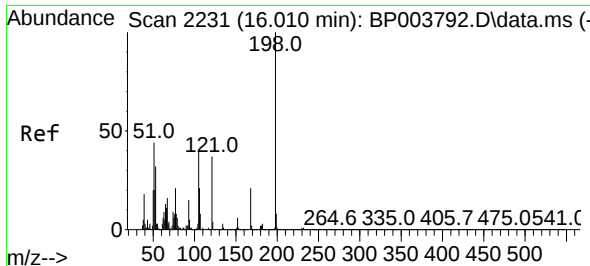


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.563 min Scan# 2444  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



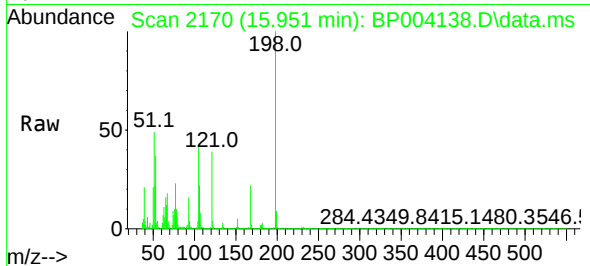
Tgt Ion: 188 Resp: 607925  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.2 9.2  
80 9.9 6.2 9.2#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.94 ng  
RT: 15.951 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

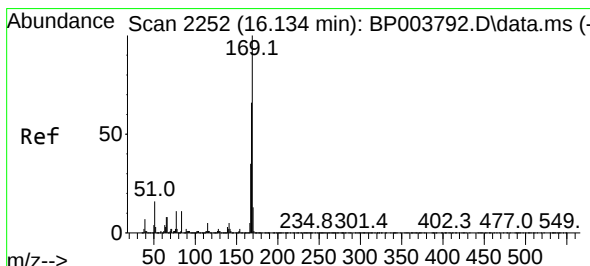
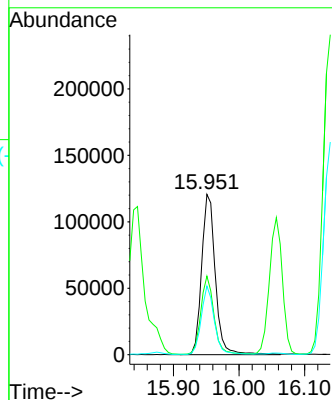
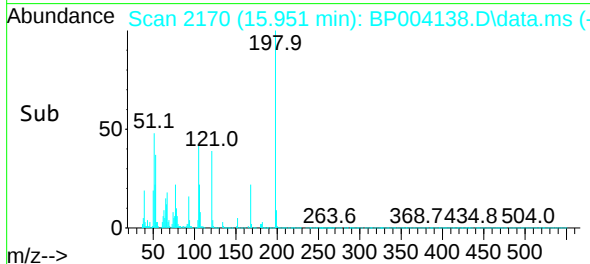
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



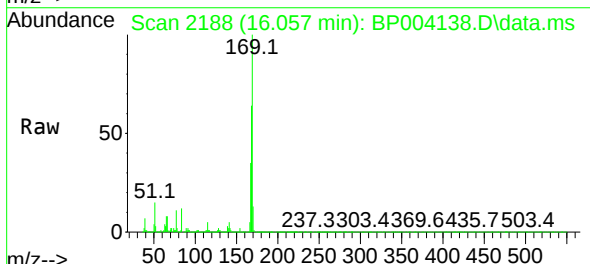
Tgt Ion:198 Resp: 175755  
Ion Ratio Lower Upper  
198 100  
51 49.0 6.4 46.4#  
105 42.8 18.9 58.9

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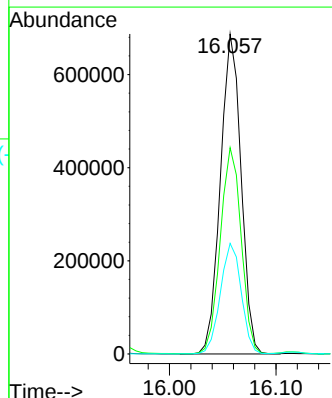
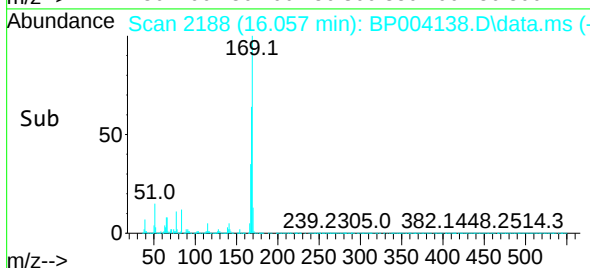
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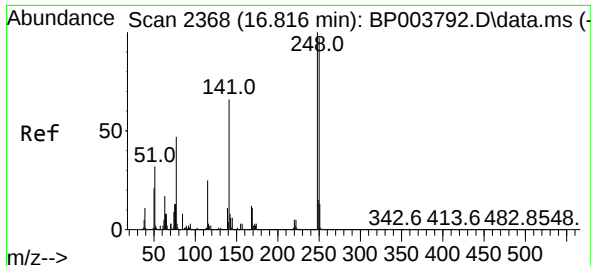


#66  
n-Nitrosodiphenylamine  
Concen: 49.63 ng  
RT: 16.057 min Scan# 2188  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



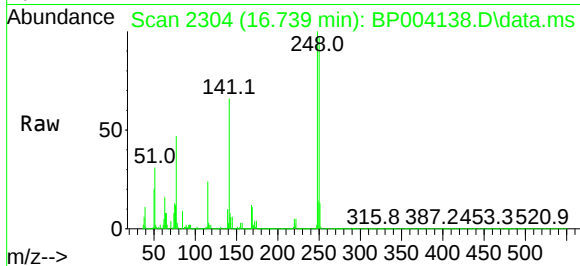
Tgt Ion:169 Resp: 923664  
Ion Ratio Lower Upper  
169 100  
168 64.5 53.8 80.6  
167 34.5 28.9 43.3





#67  
4-Bromophenyl-phenylether  
Concen: 47.15 ng  
RT: 16.739 min Scan# 2304  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

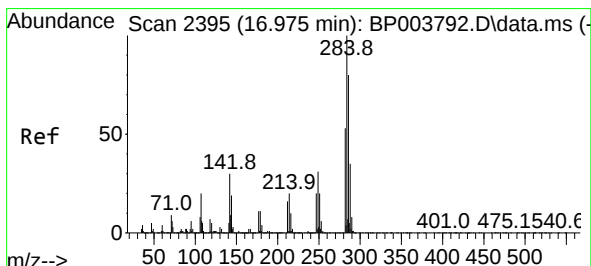
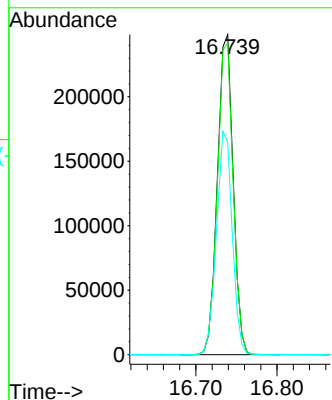
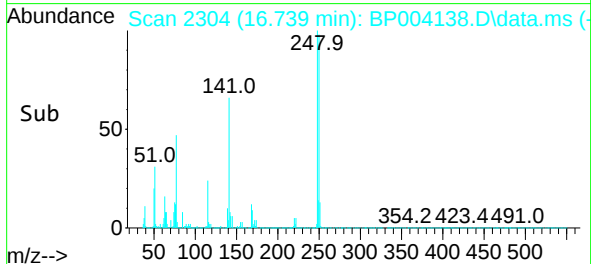
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



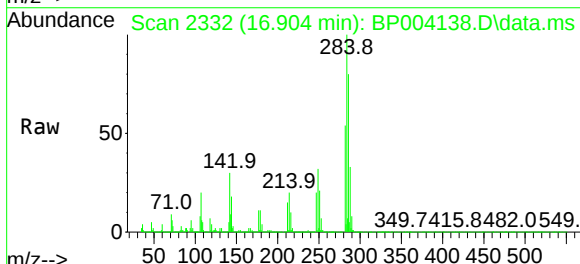
Tgt Ion:248 Resp: 335377  
Ion Ratio Lower Upper  
248 100  
250 97.4 76.7 115.1  
141 66.5 53.0 79.6

Manual Integrations  
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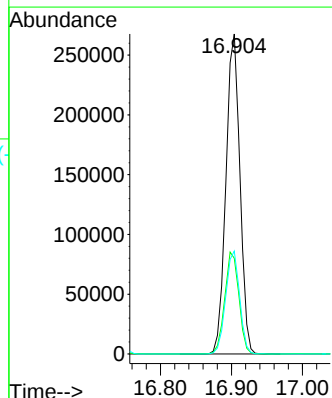
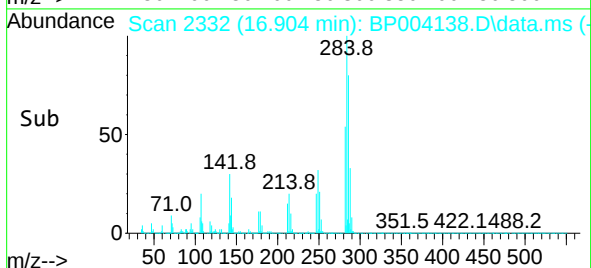
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12/7/2020 8:53:53 AM

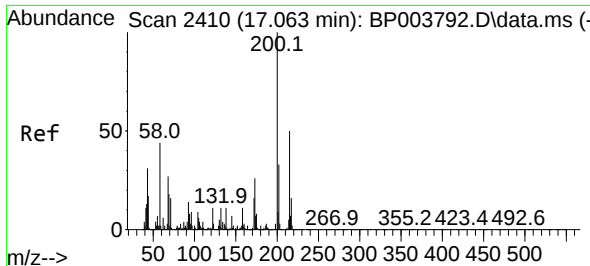


#68  
Hexachlorobenzene  
Concen: 44.97 ng  
RT: 16.904 min Scan# 2332  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



Tgt Ion:284 Resp: 364976  
Ion Ratio Lower Upper  
284 100  
142 29.9 24.2 36.4  
249 32.2 23.8 35.8





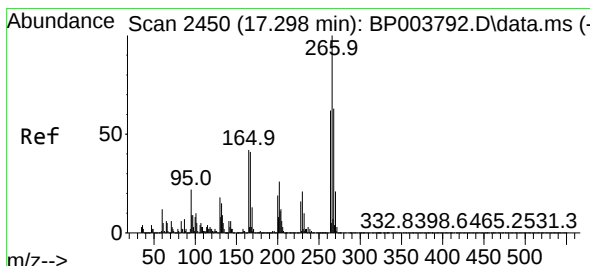
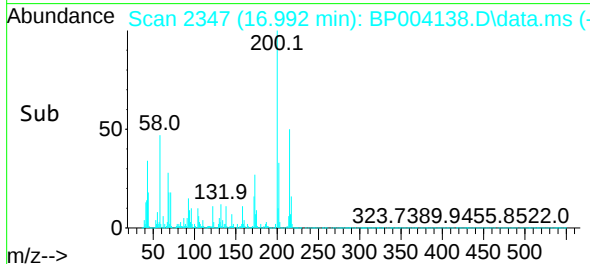
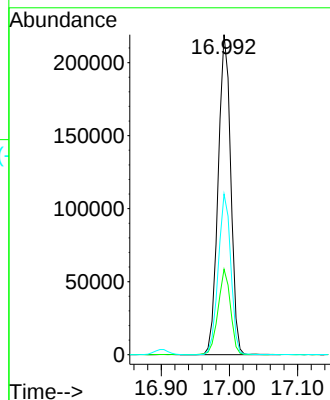
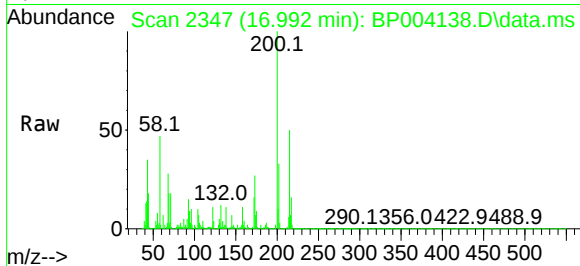
#69  
Atrazine  
Concen: 46.14 ng  
RT: 16.992 min Scan# 2347  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.7  | 5.9   | 45.9  |
| 215     | 50.2  | 28.4  | 68.4  |

Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS

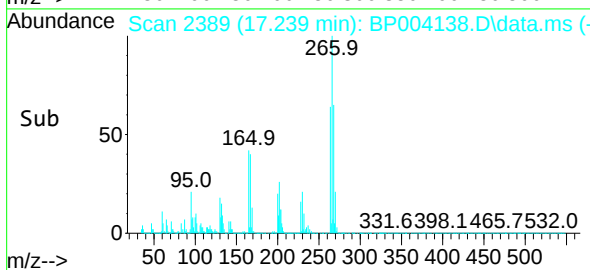
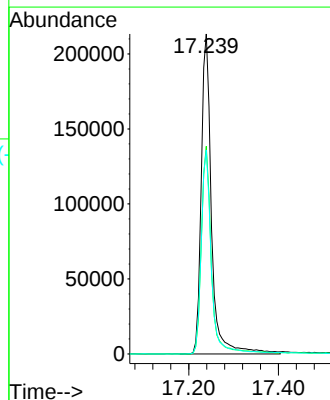
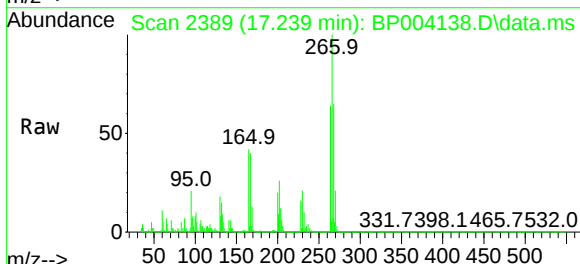
Manual Integrations  
APPROVED

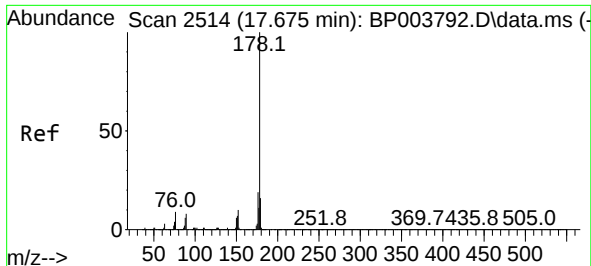
mohammad  
12/7/2020 8:53:53 AM



#70  
Pentachlorophenol  
Concen: 87.23 ng  
RT: 17.239 min Scan# 2389  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

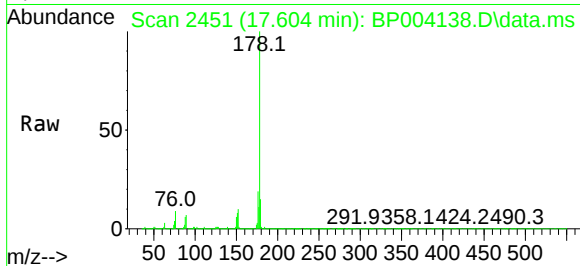
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.9  | 51.1  | 76.7  |
| 264     | 63.8  | 50.6  | 76.0  |





#71  
Phenanthrene  
Concen: 48.45 ng  
RT: 17.604 min Scan# 2451  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

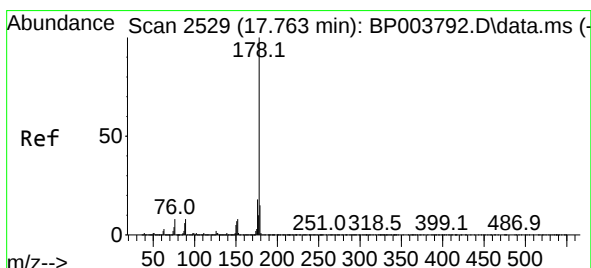
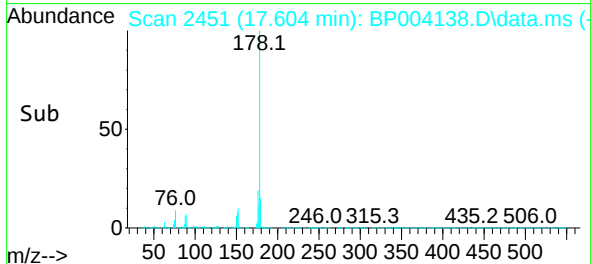
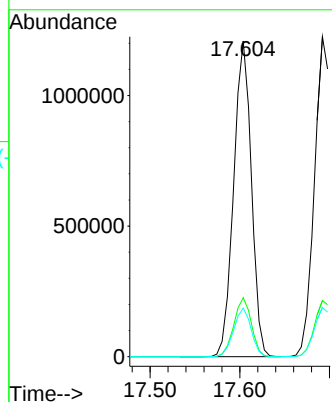
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:178 Resp: 1652903  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.3 22.9  
179 15.4 12.5 18.7

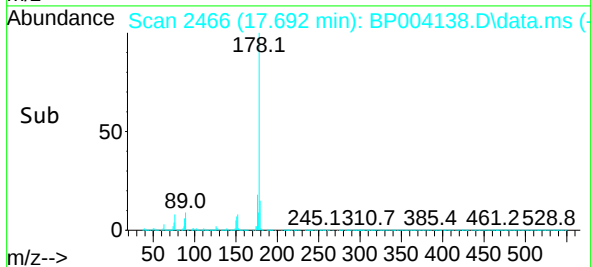
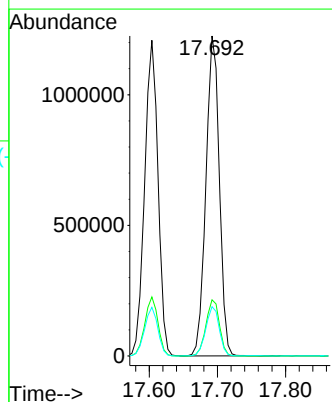
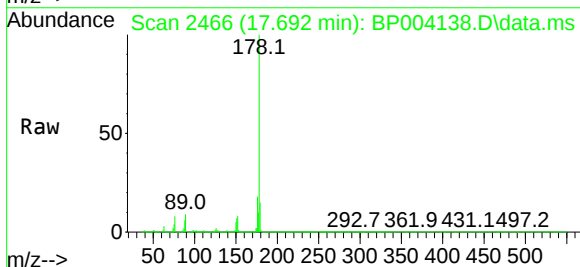
Manual Integrations  
APPROVED

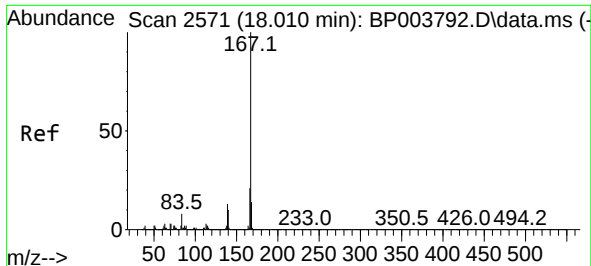
mohammad  
12/7/2020 8:53:53 AM



#72  
Anthracene  
Concen: 50.85 ng  
RT: 17.692 min Scan# 2466  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

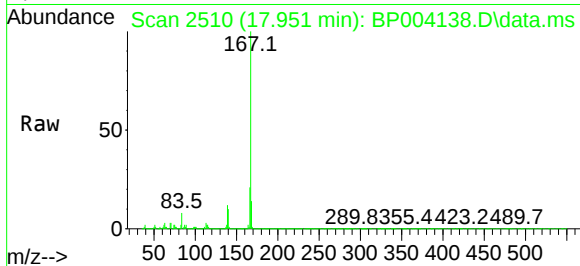
Tgt Ion:178 Resp: 1675616  
Ion Ratio Lower Upper  
178 100  
176 17.6 15.0 22.4  
179 15.4 12.5 18.7





#73  
 Carbazole  
 Concen: 48.12 ng  
 RT: 17.951 min Scan# 2510  
 Delta R.T. -0.000 min  
 Lab File: BP004138.D  
 Acq: 03 Dec 2020 20:17

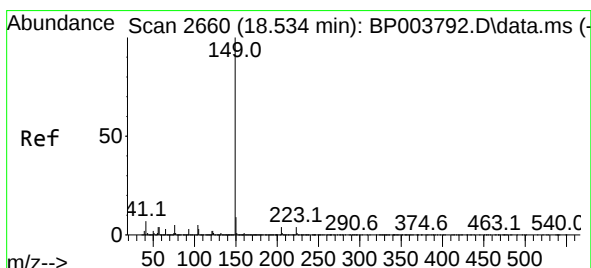
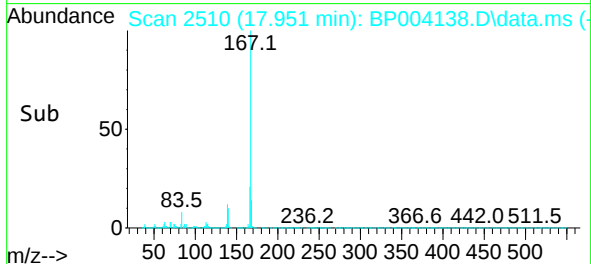
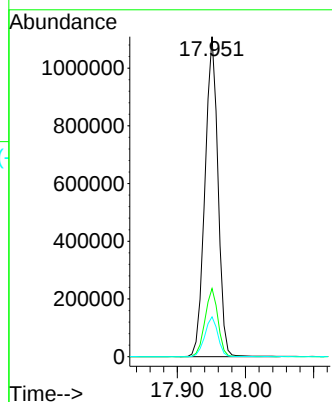
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SK-12-1-SPAMS



Tgt Ion:167 Resp: 1471079  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.6 26.4  
 139 12.4 10.2 15.4

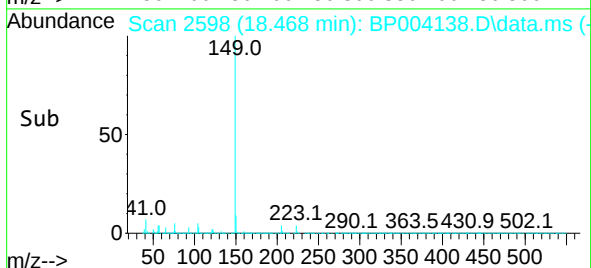
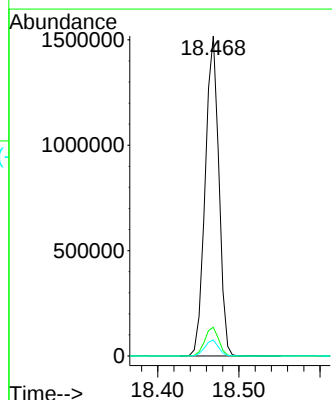
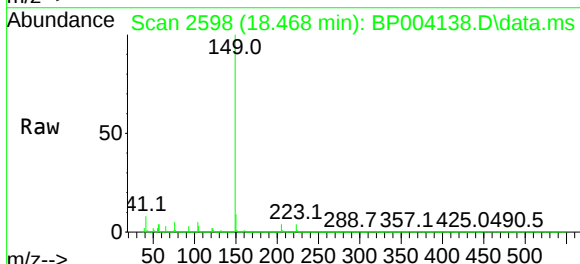
Manual Integrations  
 APPROVED

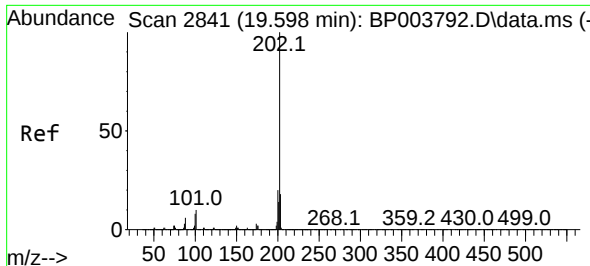
mohammad  
 12/7/2020 8:53:53 AM



#74  
 Di-n-butylphthalate  
 Concen: 49.89 ng  
 RT: 18.468 min Scan# 2598  
 Delta R.T. -0.000 min  
 Lab File: BP004138.D  
 Acq: 03 Dec 2020 20:17

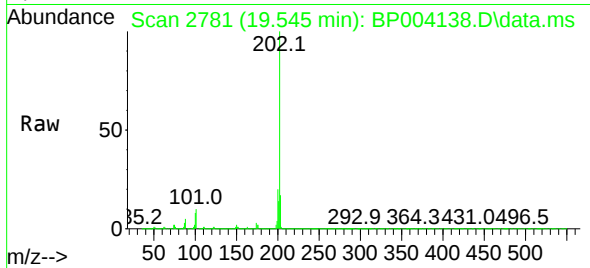
Tgt Ion:149 Resp: 1765542  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.3 10.9  
 104 5.0 3.4 5.0





#75  
Fluoranthene  
Concen: 51.70 ng  
RT: 19.545 min Scan# 2781  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

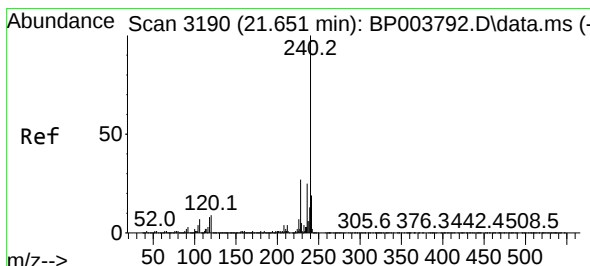
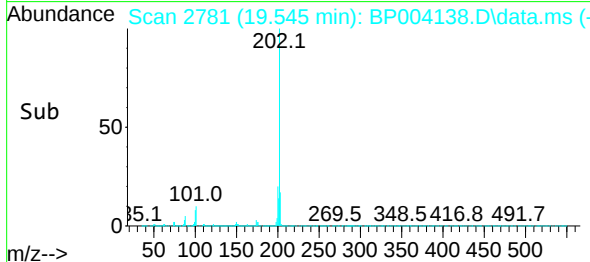
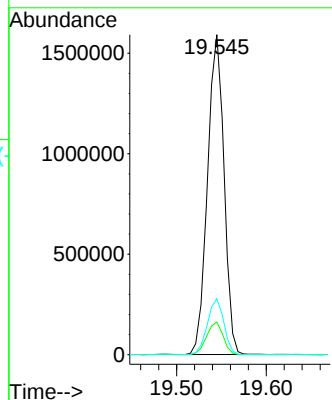
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:202 Resp: 2035445  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 29.4  
203 17.5 0.0 37.8

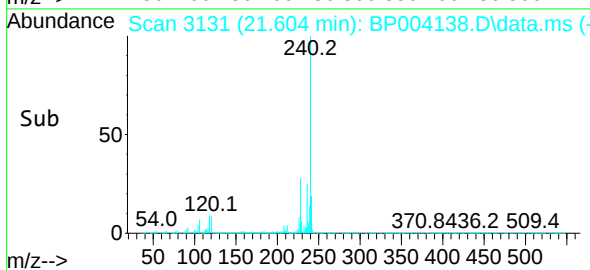
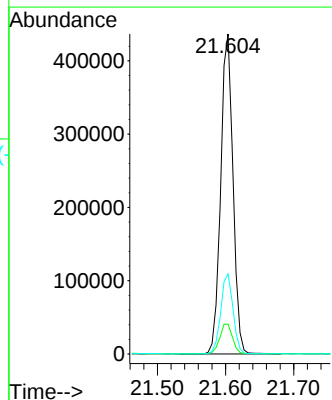
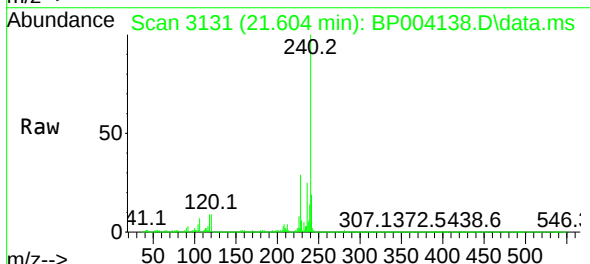
Manual Integrations  
APPROVED

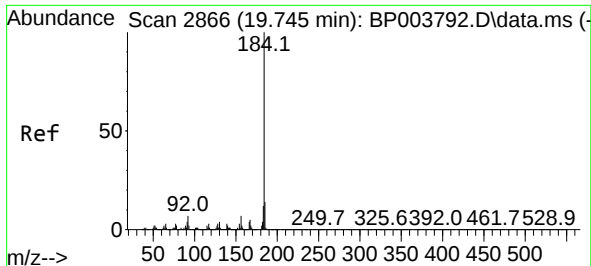
mohammad  
12/7/2020 8:53:53 AM



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.604 min Scan# 3131  
Delta R.T. 0.006 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

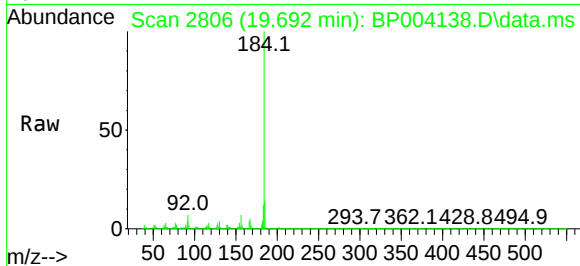
Tgt Ion:240 Resp: 546882  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.8 11.6  
236 25.0 20.8 31.2





#77  
Benzidine  
Concen: 54.10 ng  
RT: 19.692 min Scan# 2806  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

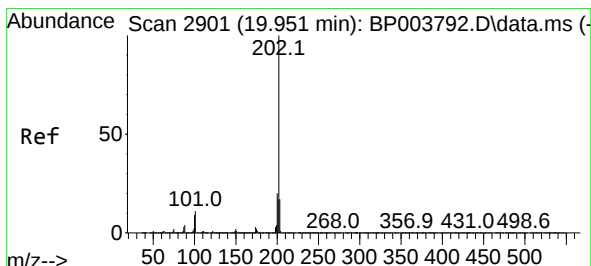
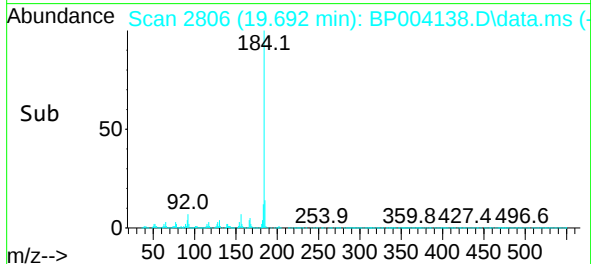
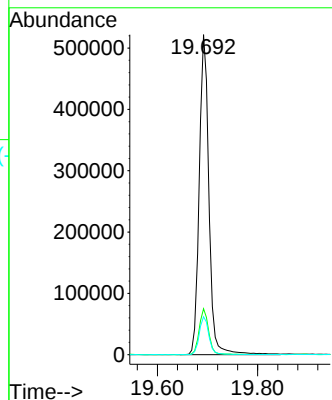
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:184 Resp: 697823  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.5 17.3  
183 11.8 9.6 14.4

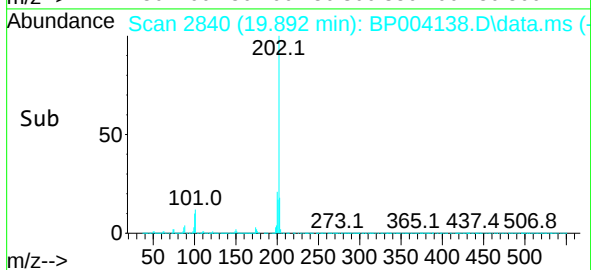
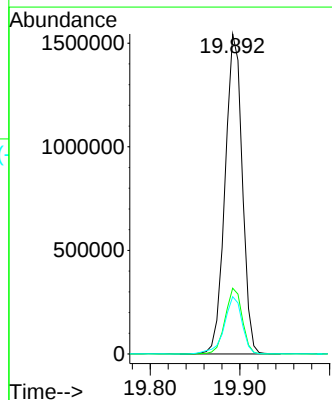
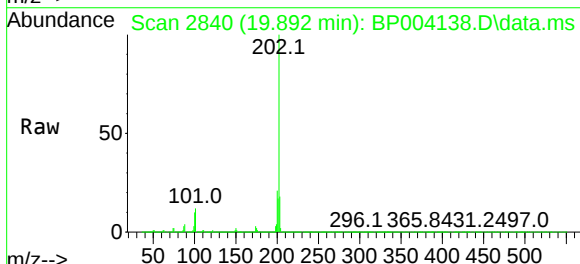
Manual Integrations  
APPROVED

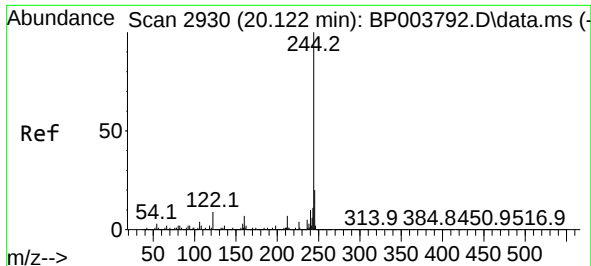
mohammad  
12/7/2020 8:53:53 AM



#78  
Pyrene  
Concen: 55.23 ng  
RT: 19.892 min Scan# 2840  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

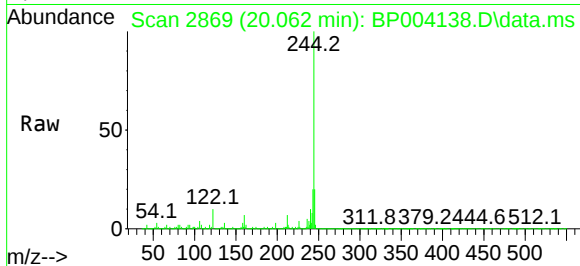
Tgt Ion:202 Resp: 2049522  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.1 25.7  
203 17.9 14.2 21.2





#79  
Terphenyl-d14  
Concen: 45.88 ng  
RT: 20.062 min Scan# 2869  
Delta R.T. -0.006 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

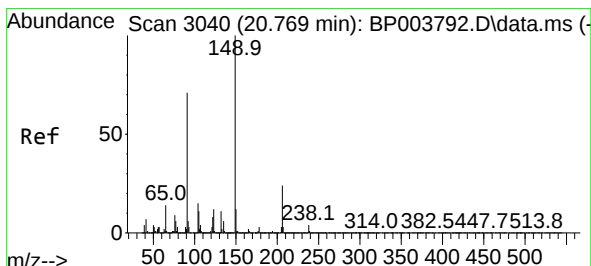
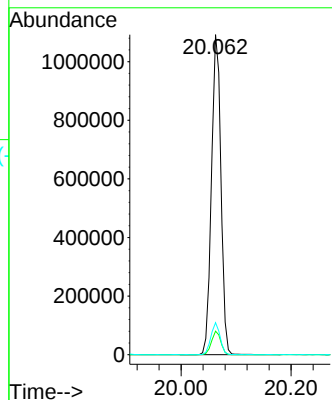
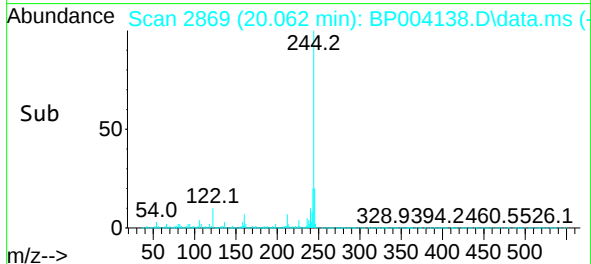
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



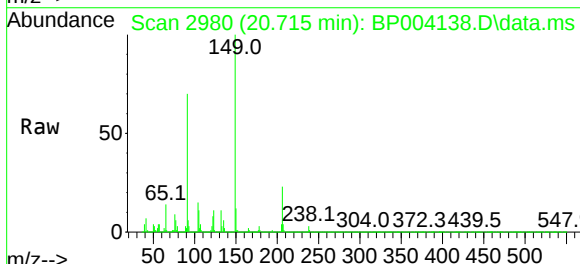
Tgt Ion:244 Resp: 1298728  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.6  
122 10.0 7.8 11.8

Manual Integrations  
APPROVED

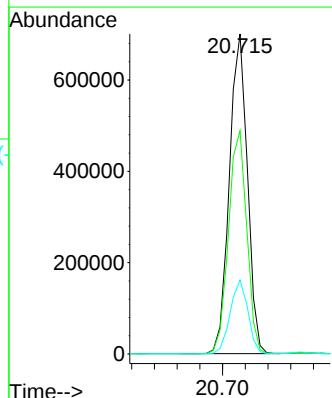
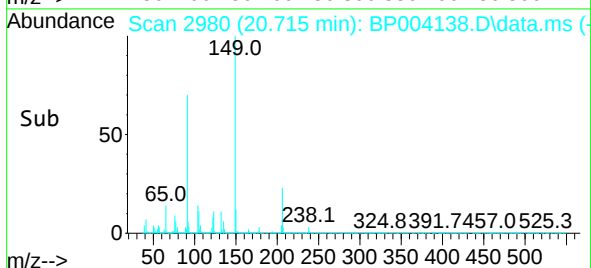
mohammad  
12/7/2020 8:53:53 AM

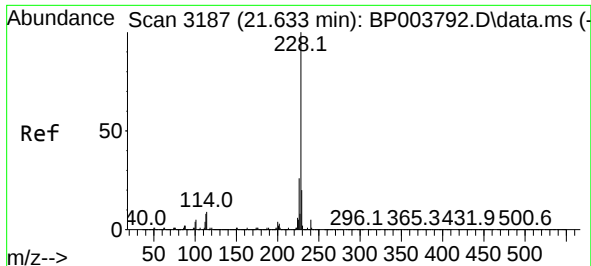


#80  
Butylbenzylphthalate  
Concen: 55.80 ng  
RT: 20.715 min Scan# 2980  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



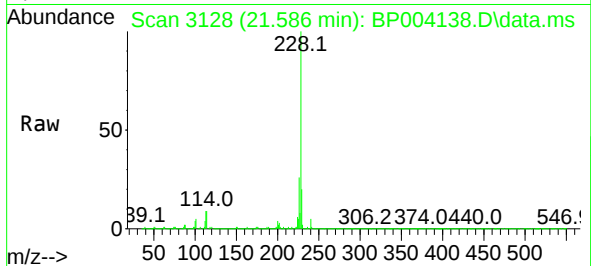
Tgt Ion:149 Resp: 771604  
Ion Ratio Lower Upper  
149 100  
91 69.8 45.4 68.0#  
206 23.1 17.1 25.7





#81  
Benzo(a)anthracene  
Concen: 51.13 ng  
RT: 21.586 min Scan# 3128  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

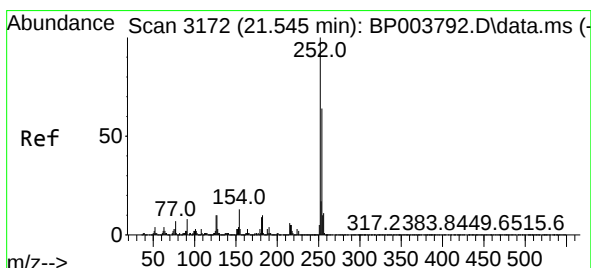
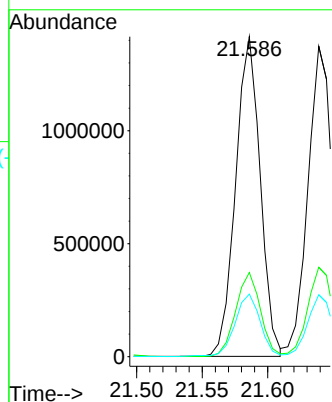
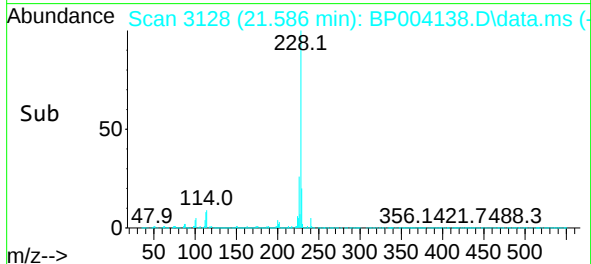
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



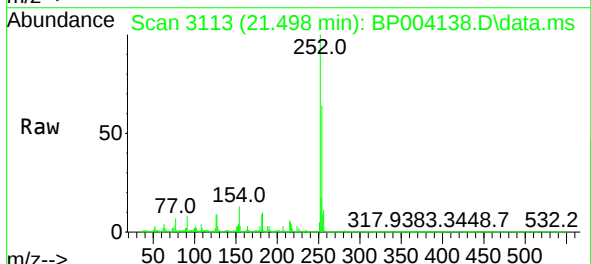
Tgt Ion:228 Resp: 1844073  
Ion Ratio Lower Upper  
228 100  
226 26.3 22.1 33.1  
229 19.6 15.9 23.9

Manual Integrations  
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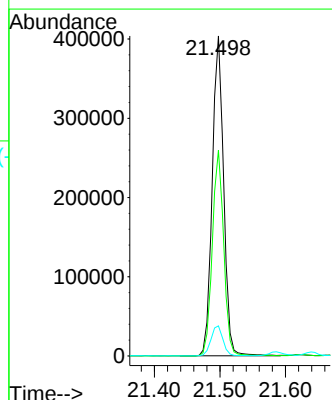
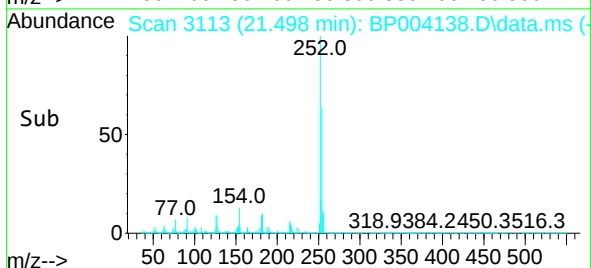
mohammad  
12/7/2020 8:53:53 AM

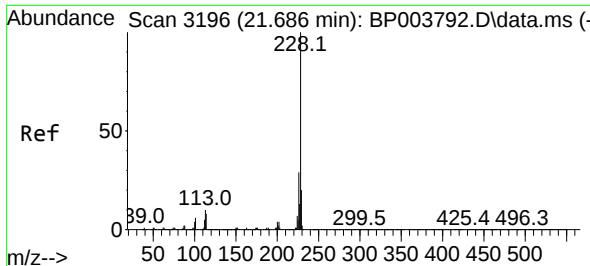


#82  
3,3'-Dichlorobenzidine  
Concen: 39.27 ng  
RT: 21.498 min Scan# 3113  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



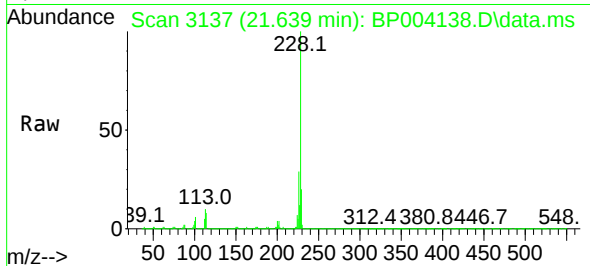
Tgt Ion:252 Resp: 488502  
Ion Ratio Lower Upper  
252 100  
254 64.3 51.0 76.4  
126 9.4 7.9 11.9





#83  
Chrysene  
Concen: 51.23 ng  
RT: 21.639 min Scan# 3137  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

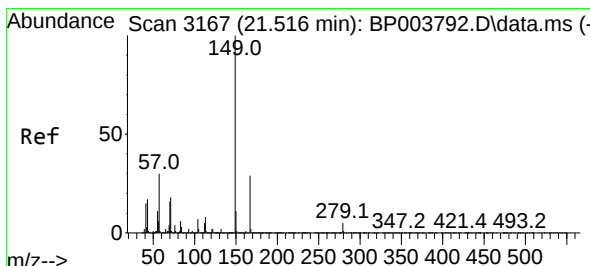
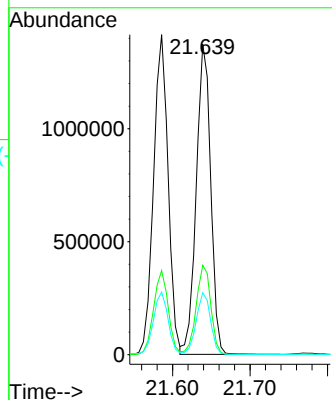
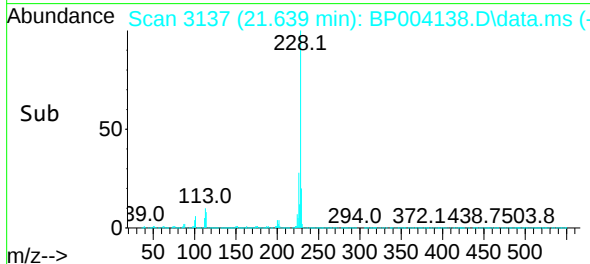
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



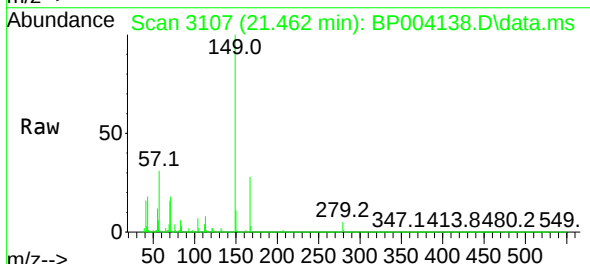
Tgt Ion:228 Resp: 1775190  
Ion Ratio Lower Upper  
228 100  
226 28.8 24.4 36.6  
229 19.9 15.8 23.6

Manual Integrations  
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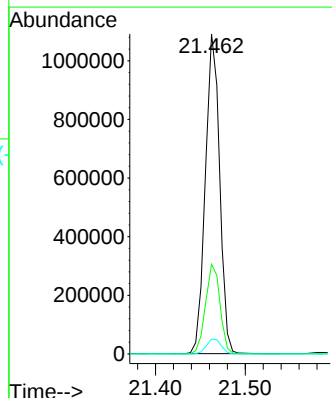
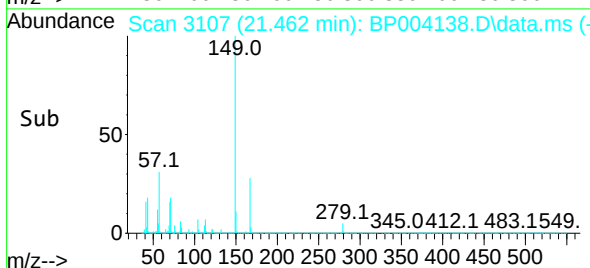
mohammad  
12/7/2020 8:53:53 AM

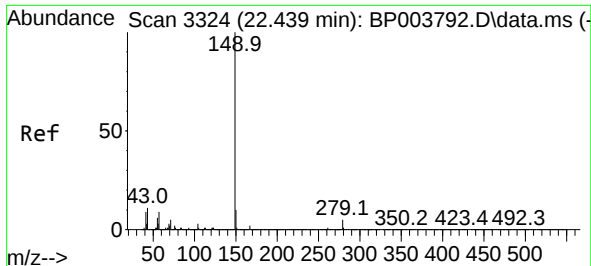


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 59.04 ng  
RT: 21.462 min Scan# 3107  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



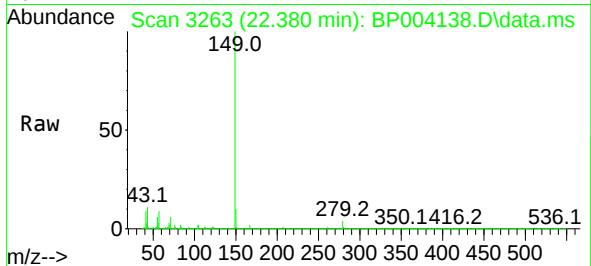
Tgt Ion:149 Resp: 1203534  
Ion Ratio Lower Upper  
149 100  
167 28.0 22.6 34.0  
279 4.6 4.2 6.2





#85  
Di-n-octyl phthalate  
Concen: 56.30 ng  
RT: 22.380 min Scan# 3263  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

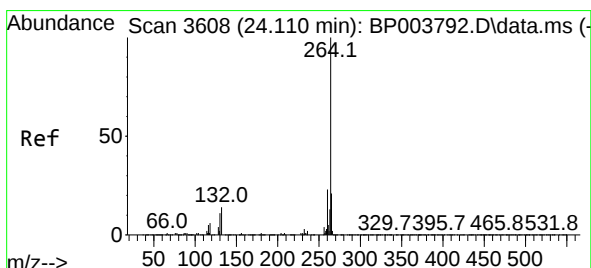
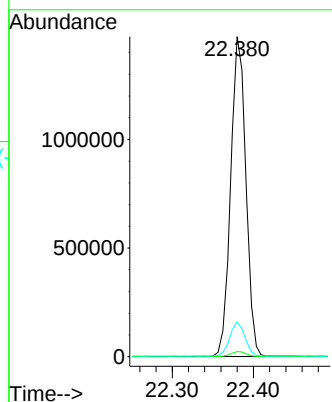
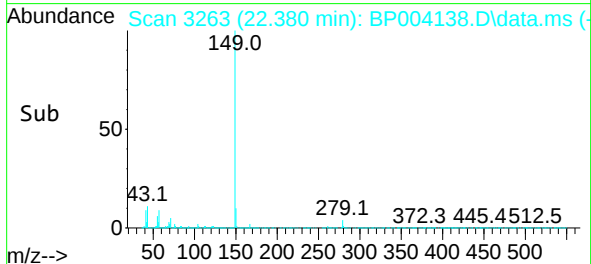
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



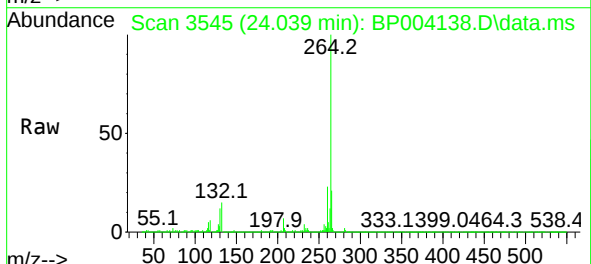
Tgt Ion:149 Resp: 1911827  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.6 3.7 5.5#

Manual Integrations  
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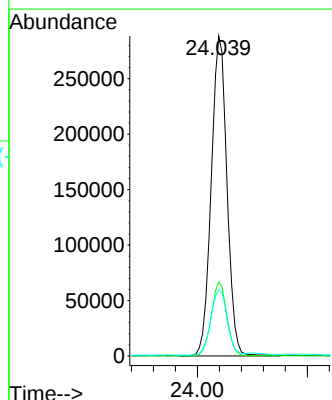
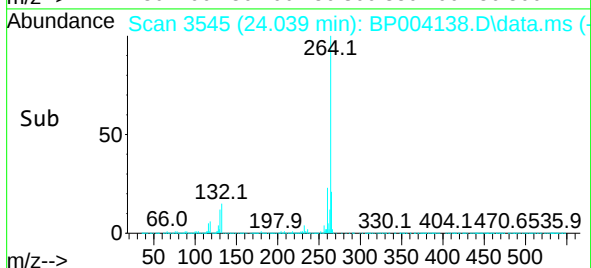
mohammad  
12/7/2020 8:53:53 AM

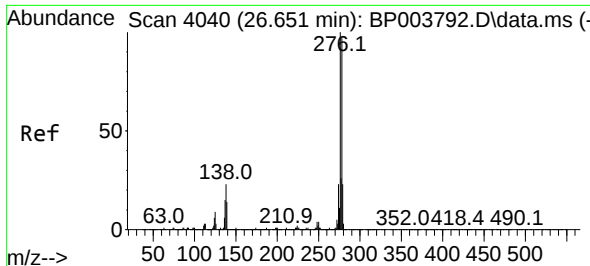


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.039 min Scan# 3545  
Delta R.T. -0.000 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



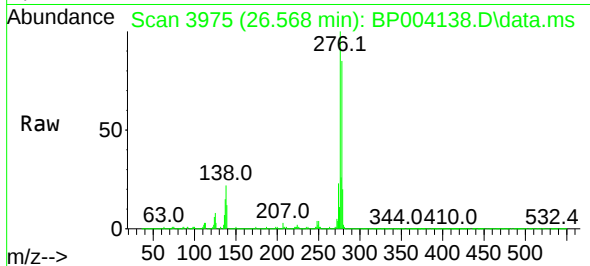
Tgt Ion:264 Resp: 573891  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.8 28.2  
265 20.8 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.71 ng  
RT: 26.568 min Scan# 3975  
Delta R.T. 0.011 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

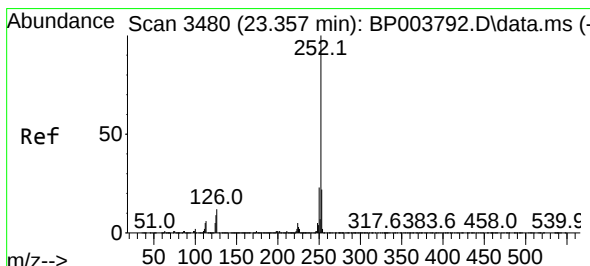
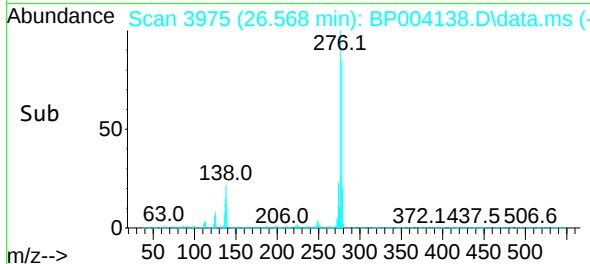
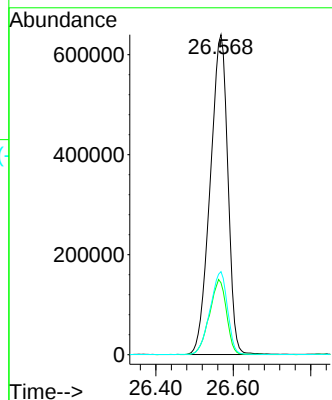
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



Tgt Ion:276 Resp: 2016493  
Ion Ratio Lower Upper  
276 100  
138 22.6 18.7 28.1  
277 25.7 20.4 30.6

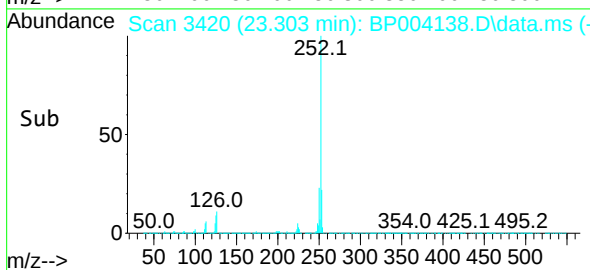
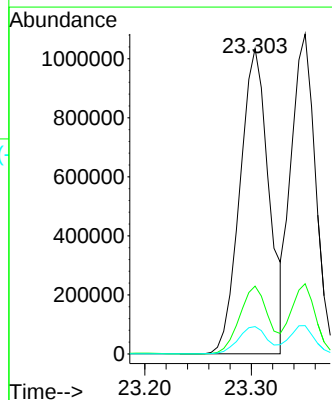
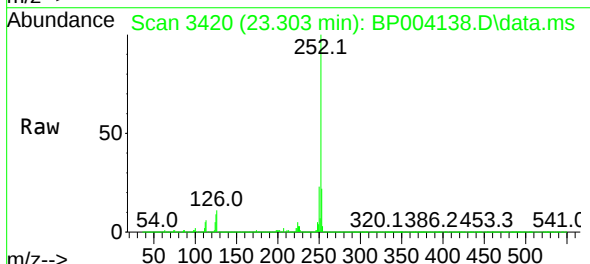
Manual Integrations  
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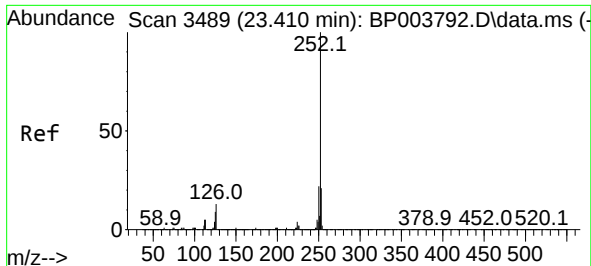
mohammad  
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#88  
Benzo(b)fluoranthene  
Concen: 52.13 ng  
RT: 23.303 min Scan# 3420  
Delta R.T. 0.005 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

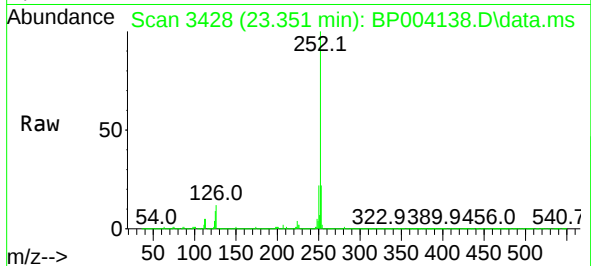
Tgt Ion:252 Resp: 1957617  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 8.9 7.3 10.9





#89  
Benzo(k)fluoranthene  
Concen: 46.27 ng  
RT: 23.351 min Scan# 3428  
Delta R.T. 0.006 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

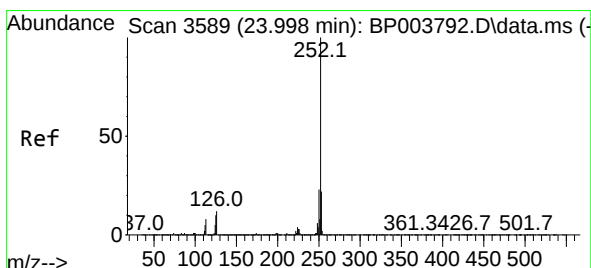
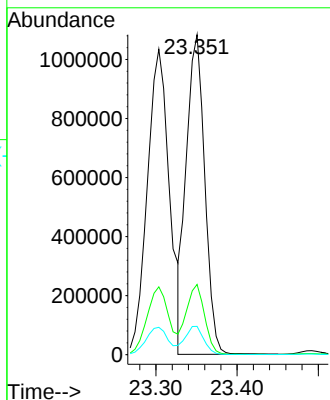
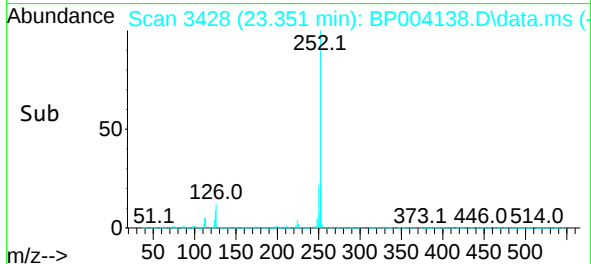
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



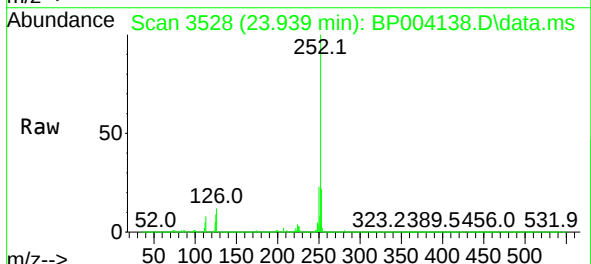
Tgt Ion:252 Resp: 1715891  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 8.8 7.4 11.2

Manual Integrations  
APPROVED

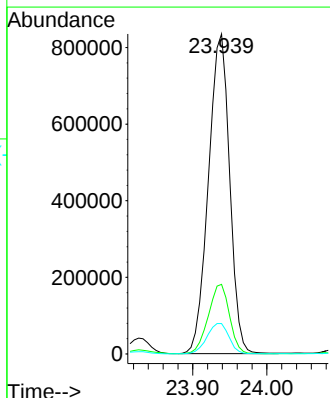
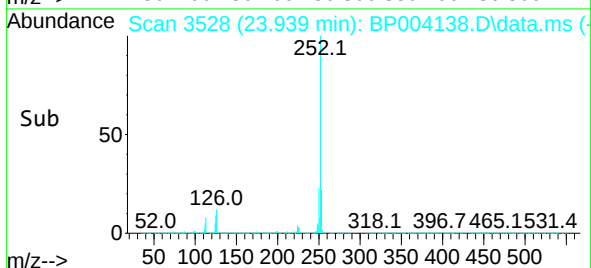
mohammad  
12/7/2020 8:53:53 AM

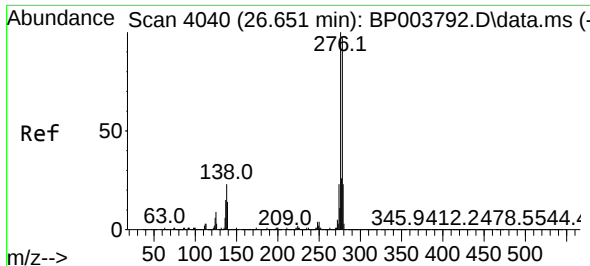


#90  
Benzo(a)pyrene  
Concen: 47.67 ng  
RT: 23.939 min Scan# 3528  
Delta R.T. 0.006 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



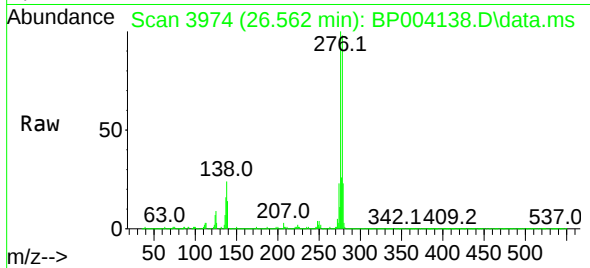
Tgt Ion:252 Resp: 1657314  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.0  
125 9.5 8.2 12.4





#91  
Dibenzo(a,h)anthracene  
Concen: 48.73 ng  
RT: 26.562 min Scan# 3974  
Delta R.T. 0.011 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17

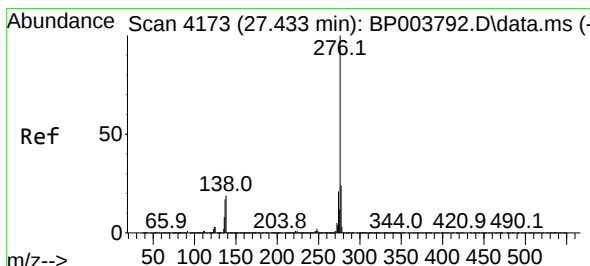
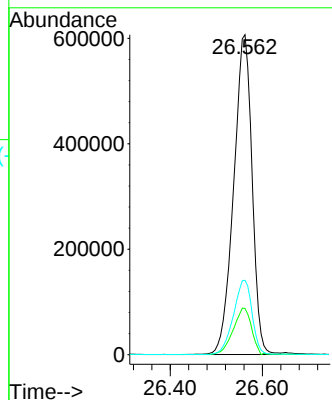
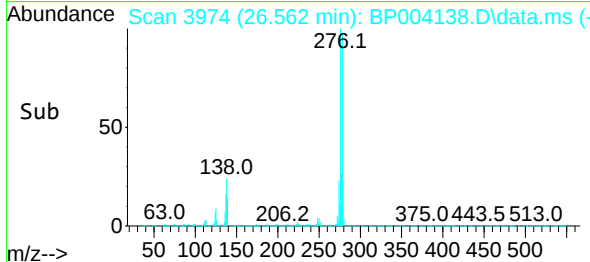
Instrument :  
BNA\_P  
ClientSampleId :  
SK-12-1-SPAMS



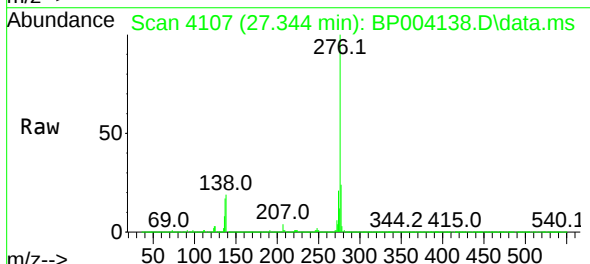
Tgt Ion:278 Resp: 1681697  
Ion Ratio Lower Upper  
278 100  
139 14.4 12.4 18.6  
279 23.3 19.0 28.6

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12/7/2020 8:53:53 AM



#92  
Benzo(g,h,i)perylene  
Concen: 51.04 ng  
RT: 27.344 min Scan# 4107  
Delta R.T. 0.011 min  
Lab File: BP004138.D  
Acq: 03 Dec 2020 20:17



Tgt Ion:276 Resp: 1704804  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.0 28.6  
138 19.0 16.6 24.8

