

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\  
 Data File : BP000688.D  
 Acq On : 12 Oct 2019 23:36  
 Operator : JU  
 Sample : K5348-11MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190879-COMPOSITE-KMSD

Manual Integrations  
 APPROVED

mohammad  
 10/16/2019 8:08:18 AM

Quant Time: Oct 14 06:32:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 01 18:03:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 235852   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.03  | 136  | 816981   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.80  | 164  | 446317   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.30 | 188  | 816868   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.97 | 240  | 627941   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.45 | 264  | 742352   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.38  | 112  | 1352768  | 92.20  | ng    | -0.01    |
| 7) Phenol-d6                | 6.40  | 99   | 2142589  | 121.18 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.32  | 82   | 1249006  | 93.37  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.60 | 330  | 417407   | 87.76  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.12  | 172  | 2347906  | 85.12  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.90 | 244  | 2598562  | 83.79  | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88   | 241649   | 41.243 | ng    | 99     |
| 3) Pyridine                    | 3.22 | 79   | 623363   | 38.939 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.17 | 42   | 201434   | 44.716 | ng    | 100    |
| 6) Aniline                     | 6.41 | 93   | 342407   | 15.941 | ng    | # 1    |
| 8) 2-Chlorophenol              | 6.54 | 128  | 666492   | 46.026 | ng    | 99     |
| 9) Benzaldehyde                | 6.30 | 77   | 368978   | 40.064 | ng    | 95     |
| 10) Phenol                     | 6.41 | 94   | 930964   | 51.426 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93   | 644207   | 46.254 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 6.69 | 146  | 751040   | 42.786 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.77 | 146  | 760838   | 43.075 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146  | 700610   | 42.962 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.89 | 79   | 518656   | 45.422 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.03 | 45   | 559332   | 43.538 | ng    | 94     |
| 17) 2-Methylphenol             | 7.02 | 107  | 548988   | 45.874 | ng    | 96     |
| 18) Hexachloroethane           | 7.26 | 117  | 260091   | 41.374 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70   | 366702   | 44.995 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.17 | 107  | 682618   | 48.747 | ng    | # 67   |
| 22) Acetophenone               | 7.16 | 105  | 895124   | 47.417 | ng    | 97     |
| 24) Nitrobenzene               | 7.33 | 77   | 628181   | 48.691 | ng    | 98     |
| 25) Isophorone                 | 7.58 | 82   | 1169738  | 49.271 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.65 | 139  | 356083   | 52.484 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 7.69 | 122  | 590441   | 56.773 | ng    | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93   | 772624   | 47.889 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.90 | 162  | 591262   | 50.281 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.98 | 180  | 647984   | 46.920 | ng    | 99     |
| 31) Naphthalene                | 8.06 | 128  | 1889653  | 49.525 | ng    | 99     |
| 32) Benzoic acid               | 7.82 | 122  | 329123   | 50.119 | ng    | 98     |
| 33) 4-Chloroaniline            | 8.10 | 127  | 154810   | 9.241  | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.18 | 225  | 380856   | 45.633 | ng    | 97     |
| 35) Caprolactam                | 8.47 | 113  | 196231m  | 49.823 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107  | 586754   | 50.946 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 8.75 | 142  | 1288068  | 50.287 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 8.85 | 142  | 1205088  | 49.792 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.92 | 216  | 657124   | 46.517 | ng    | 100    |

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Manual Integrations  
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Quant Time: Oct 14 06:32:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 01 18:03:42 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.91  | 237  | 274632   | 51.435  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.03  | 196  | 418376   | 48.111  | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.08  | 196  | 450014   | 50.122  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.22  | 154  | 1572114  | 46.666  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.25  | 162  | 1239896  | 47.596  | nq    | 100      |
| 48) 2-Nitroaniline             | 9.34  | 65   | 293677   | 46.565  | nq    | 93       |
| 49) Acenaphthylene             | 9.66  | 152  | 1951599  | 49.656  | nq    | 99       |
| 50) Dimethylphthalate          | 9.52  | 163  | 1699994  | 54.817  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.59  | 165  | 335587   | 49.622  | nq    | 94       |
| 52) Acenaphthene               | 9.83  | 154  | 1121064  | 47.023  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.75  | 138  | 128957   | 16.641  | nq    | 89       |
| 54) 2,4-Dinitrophenol          | 9.87  | 184  | 233655   | 103.539 | nq    | # 90     |
| 55) Dibenzofuran               | 10.01 | 168  | 1742309  | 48.888  | nq    | 99       |
| 56) 4-Nitrophenol              | 9.93  | 139  | 484574   | 97.946  | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 9.99  | 165  | 441257   | 49.209  | nq    | 99       |
| 58) Fluorene                   | 10.35 | 166  | 1319008  | 51.930  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.13 | 232  | 377918   | 49.793  | nq    | 98       |
| 60) Diethylphthalate           | 10.23 | 149  | 1395879  | 47.416  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.35 | 204  | 679323   | 49.736  | nq    | 98       |
| 62) 4-Nitroaniline             | 10.37 | 138  | 318454   | 42.730  | nq    | 99       |
| 63) Azobenzene                 | 10.50 | 77   | 1185025  | 52.430  | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.41 | 198  | 195890   | 54.097  | nq    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.46 | 169  | 1217628  | 51.179  | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 10.84 | 248  | 439415   | 47.787  | nq    | 95       |
| 68) Hexachlorobenzene          | 10.91 | 284  | 475781   | 45.532  | nq    | 96       |
| 69) Atrazine                   | 11.00 | 200  | 374801   | 48.005  | nq    | 99       |
| 70) Pentachlorophenol          | 11.11 | 266  | 455343   | 108.495 | nq    | 98       |
| 71) Phenanthrene               | 11.32 | 178  | 2018283  | 49.196  | nq    | 98       |
| 72) Anthracene                 | 11.37 | 178  | 2039386  | 50.135  | nq    | 99       |
| 73) Carbazole                  | 11.53 | 167  | 1886796  | 50.038  | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.87 | 149  | 2220224  | 48.334  | nq    | 99       |
| 75) Fluoranthene               | 12.52 | 202  | 2249106  | 48.813  | nq    | 98       |
| 77) Benzidine                  | 12.65 | 184  | 808309   | 44.453  | nq    | 98       |
| 78) Pyrene                     | 12.76 | 202  | 2294228  | 52.974  | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 976459   | 51.741  | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 1922203  | 50.171  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 558217   | 36.681  | nq    | 97       |
| 83) Chrysene                   | 14.00 | 228  | 1912370  | 50.855  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 1237759  | 52.149  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 2272761  | 52.829  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.92 | 276  | 2320197  | 49.394  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.02 | 252  | 2093339  | 49.705  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.05 | 252  | 1953804  | 48.728  | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.39 | 252  | 2016587  | 51.365  | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.94 | 278  | 1877332  | 49.304  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.36 | 276  | 1985441  | 51.315  | nq    | 99       |

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

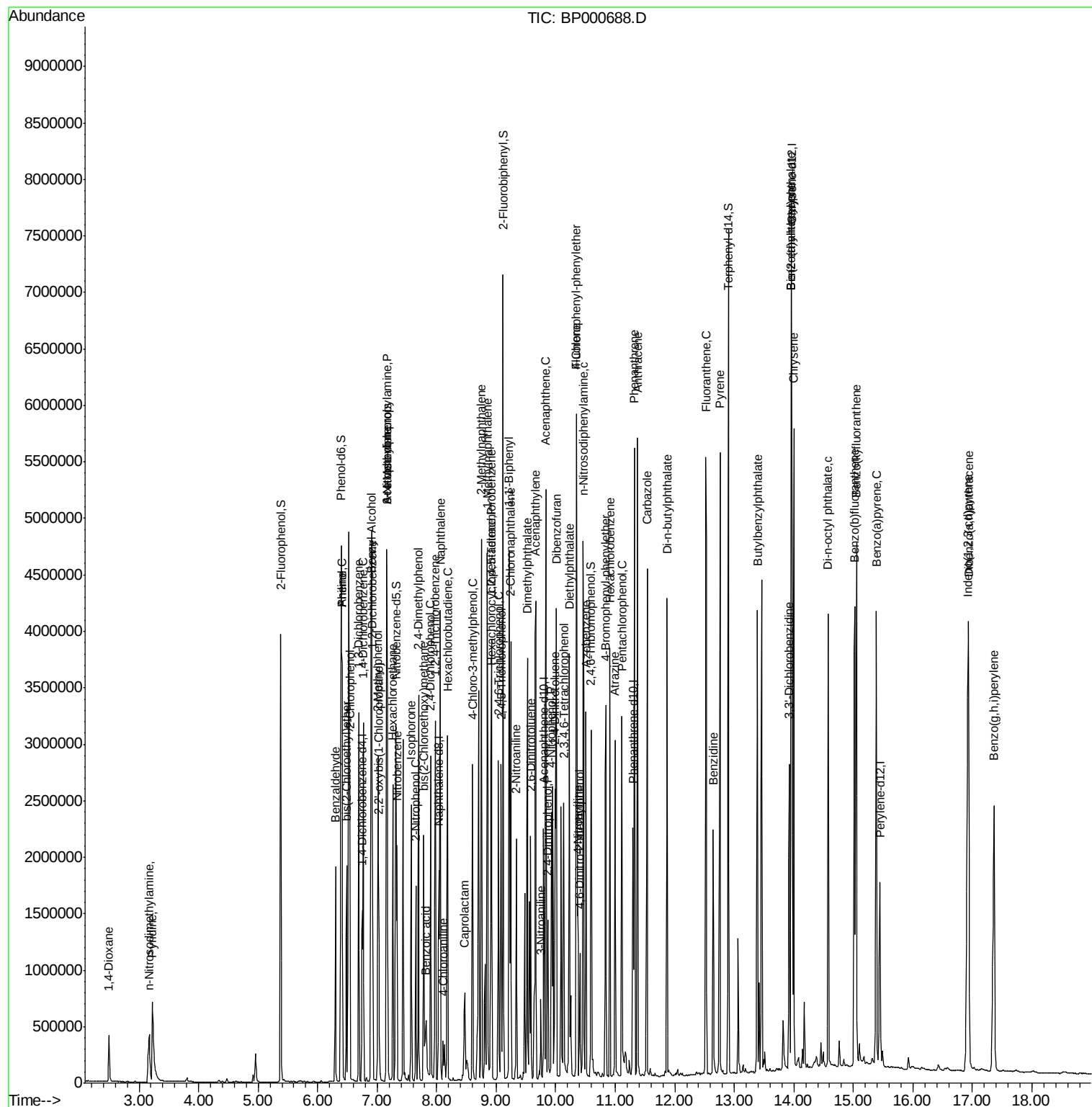
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\  
Data File : BP000688.D  
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Sample : K5348-11MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

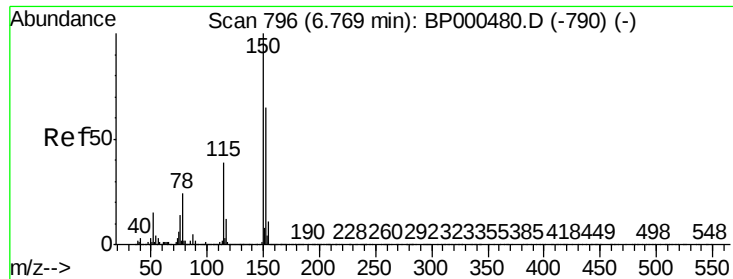
Instrument :  
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ClientSampleId :  
20190879-COMPOSITE-KMSD

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#1

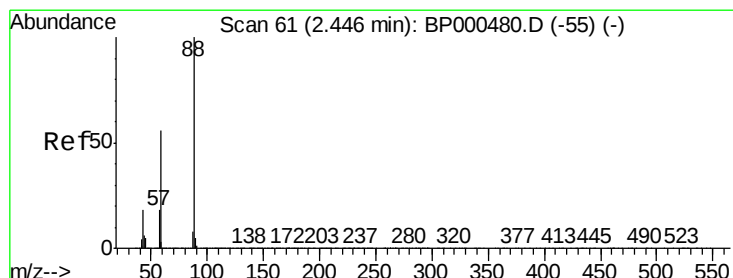
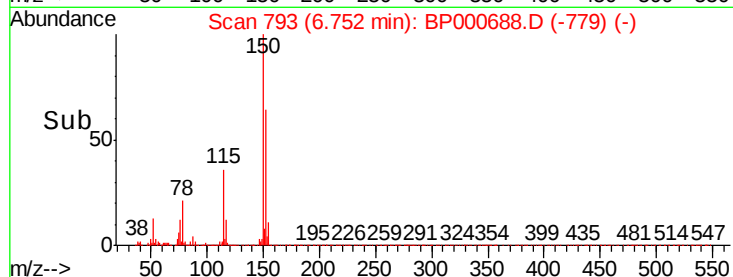
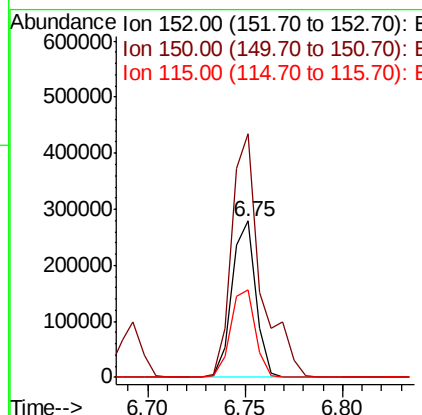
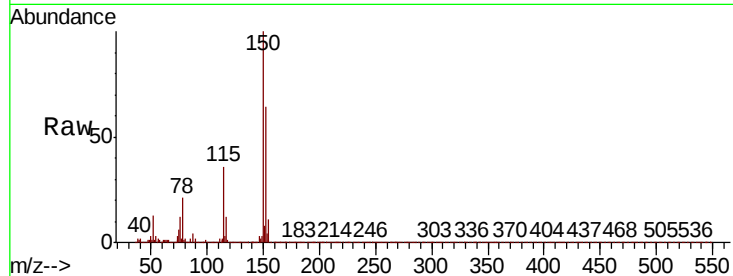
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 793  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 124.1 | 186.1 |
| 115     | 56.1  | 48.7  | 73.1  |

Manual Integrations  
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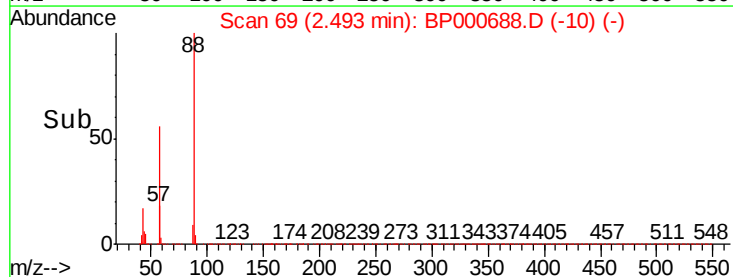
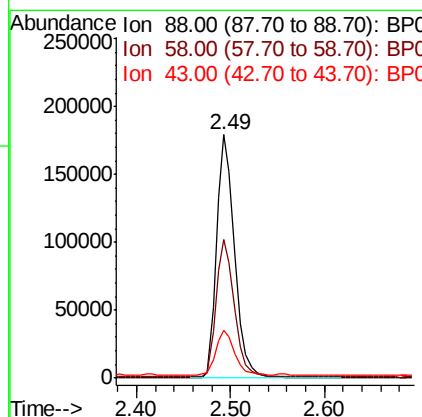
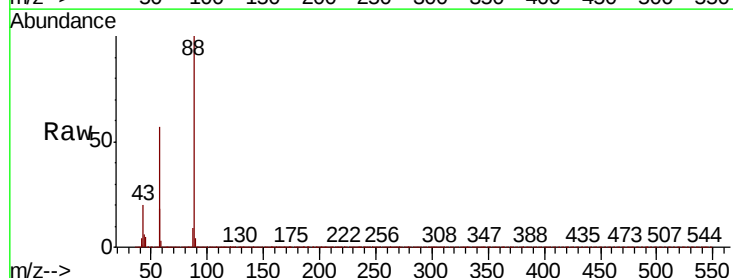
mohammad  
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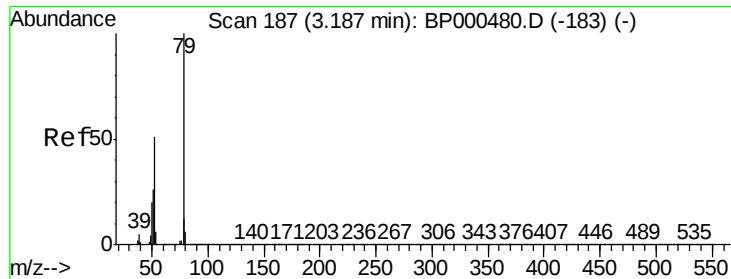


#2

1,4-Dioxane  
Concen: 41.243 ng  
RT: 2.49 min Scan# 69  
Delta R.T. 0.05 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 56.9  | 45.3  | 67.9  |
| 43      | 18.9  | 14.5  | 21.7  |





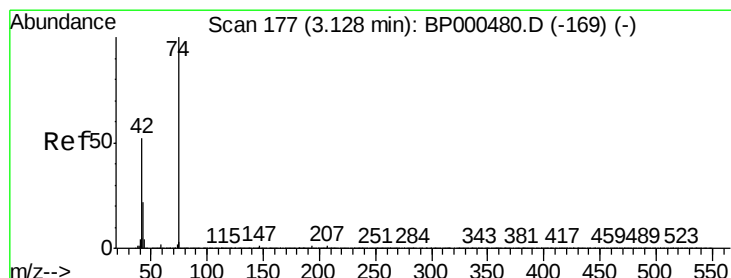
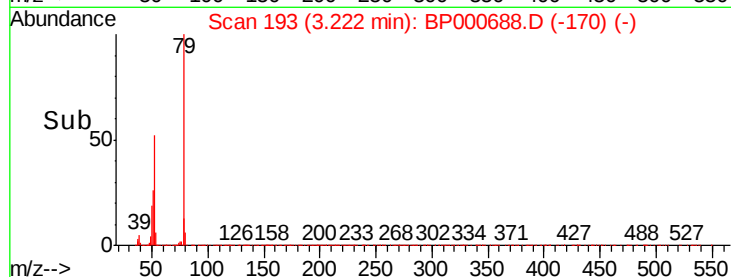
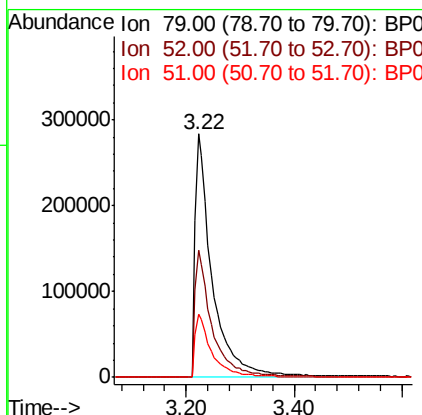
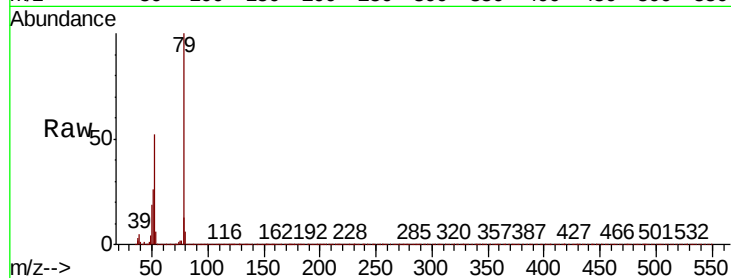
#3  
 Pvridine  
 Concen: 38.939 ng  
 RT: 3.22 min Scan# 193  
 Delta R.T. 0.04 min  
 Lab File: BP000688.D  
 Acq: 12 Oct 2019 23:36

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190879-COMPOSITE-KMSD

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 79      | 79  | 100   |       |       |
| 52      | 52  | 52.2  | 40.7  | 61.1  |
| 51      | 51  | 26.0  | 20.5  | 30.7  |

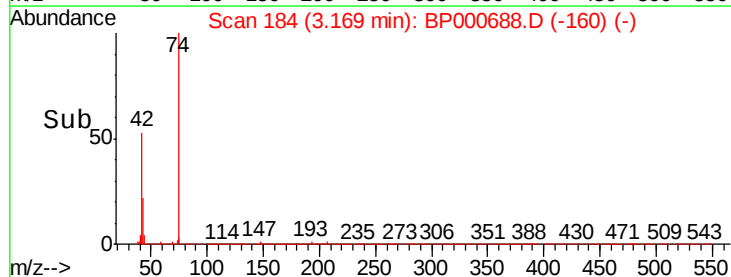
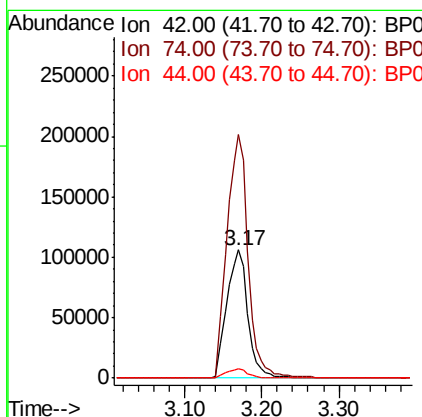
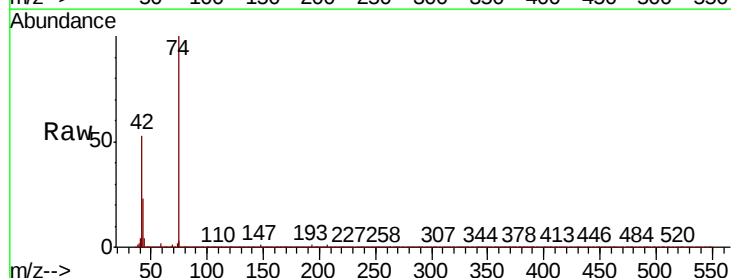
Manual Integrations  
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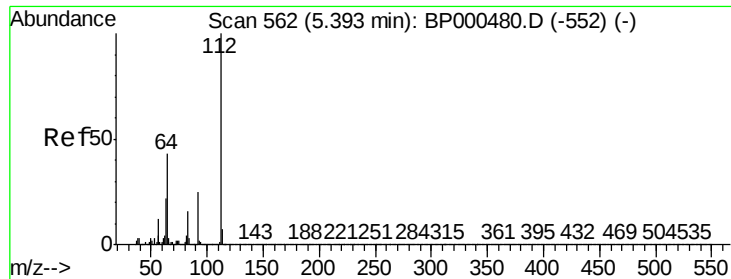
mohammad  
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#4  
 n-Nitrosodimethylamine  
 Concen: 44.716 ng  
 RT: 3.17 min Scan# 184  
 Delta R.T. 0.04 min  
 Lab File: BP000688.D  
 Acq: 12 Oct 2019 23:36

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 42      | 42  | 100   |       |       |
| 74      | 74  | 190.0 | 152.4 | 228.6 |
| 44      | 44  | 7.1   | 5.6   | 8.4   |





#5

2-Fluorophenol

Concen: 92.198 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

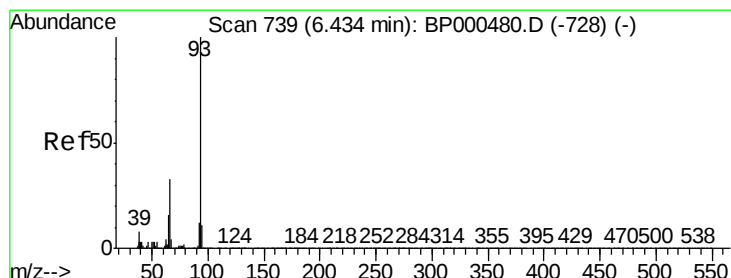
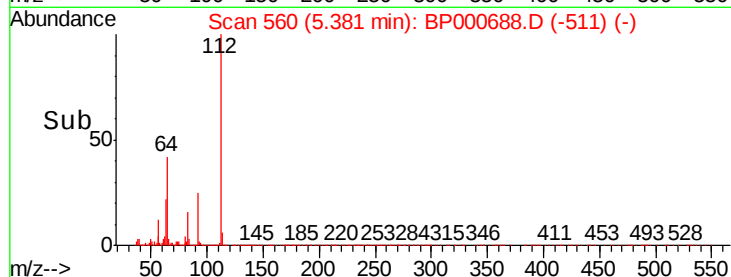
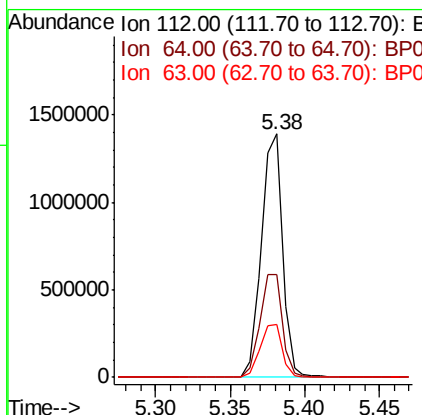
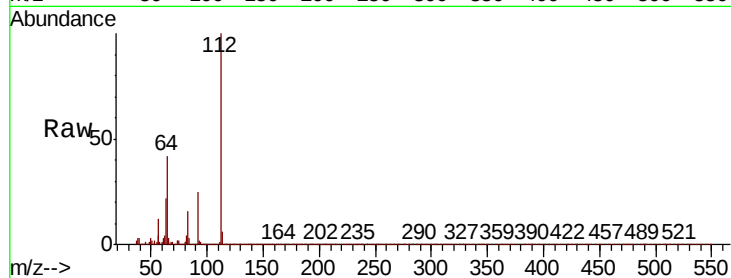
ClientSampleId :

20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 42.1  | 34.2  | 51.4  |
| 63      | 21.6  | 17.9  | 26.9  |

Manual Integrations  
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#6

Aniline

Concen: 15.941 ng

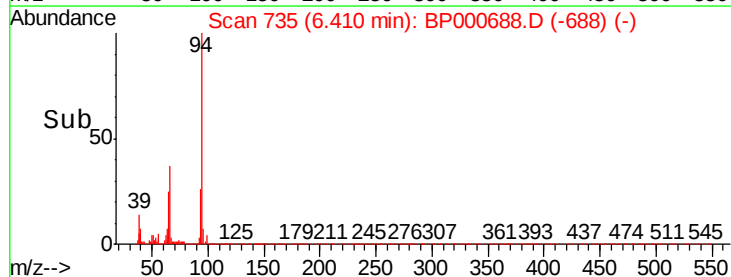
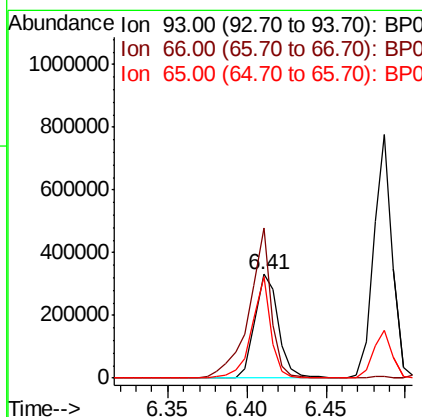
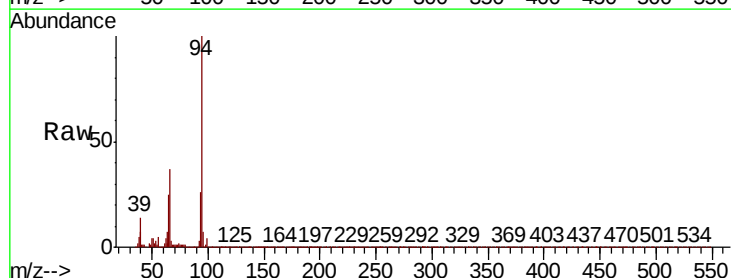
RT: 6.41 min Scan# 735

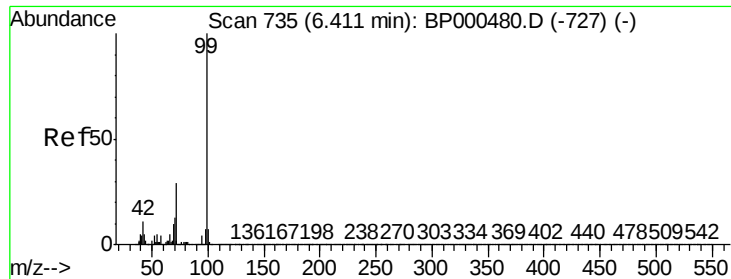
Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 145.5 | 26.3  | 39.5# |
| 65      | 97.7  | 13.2  | 19.8# |





#7

Phenol-d6

Concen: 121.180 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion: 99 Resp: 2142589

Ion Ratio Lower Upper

99 100

42 10.7 8.6 12.8

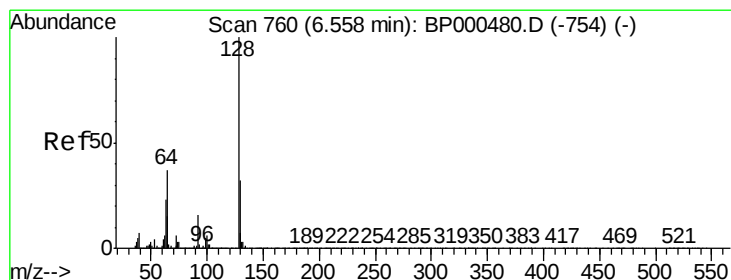
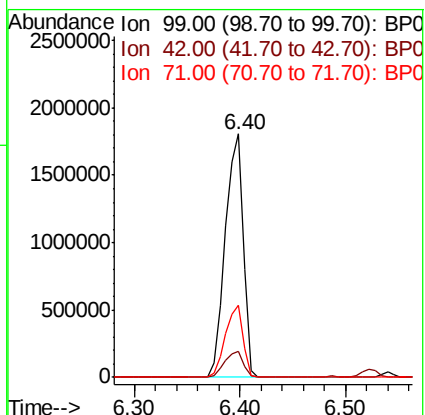
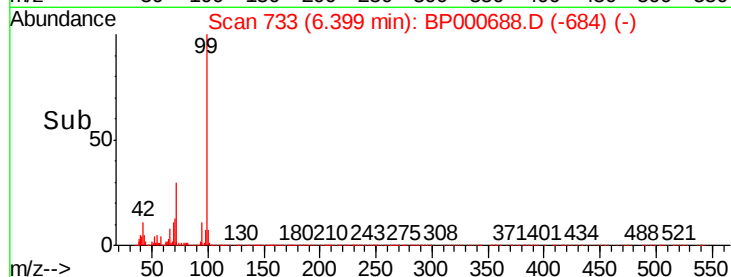
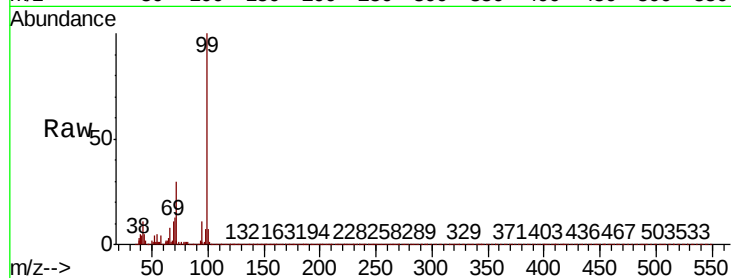
71 29.5 23.0 34.4

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#8

2-Chlorophenol

Concen: 46.026 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

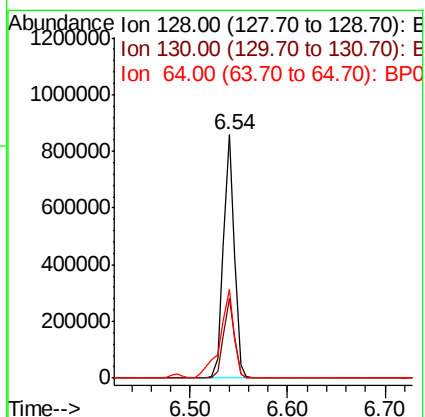
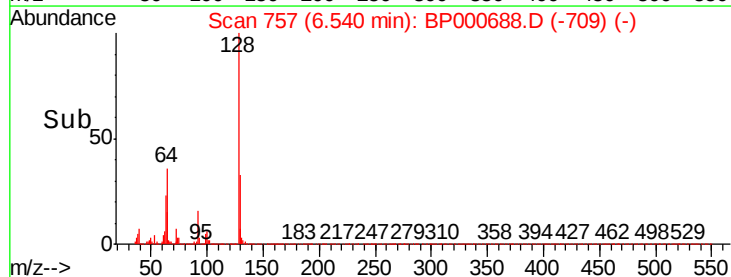
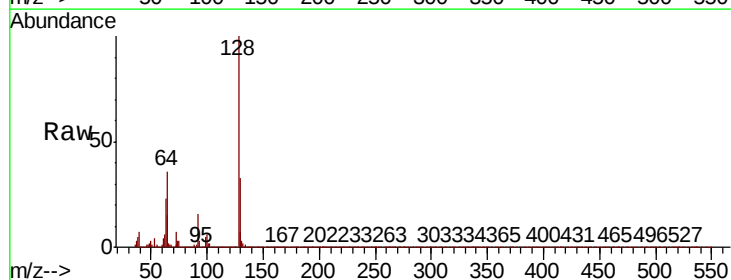
Tgt Ion:128 Resp: 666492

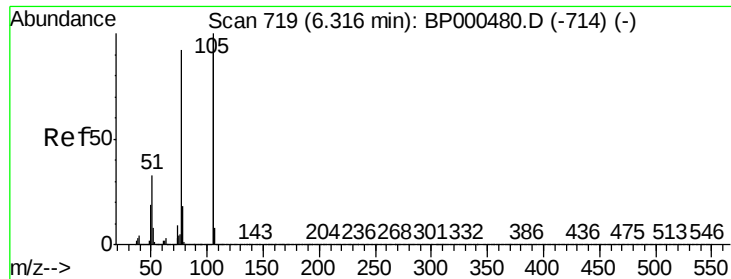
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 36.4 17.2 57.2





#9

Benzaldehyde

Concen: 40.064 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

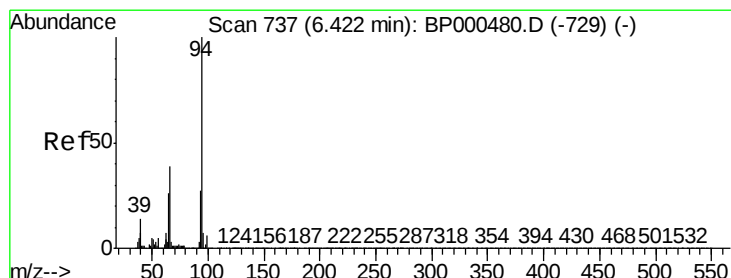
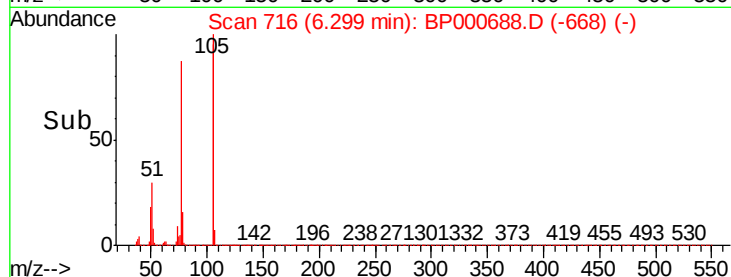
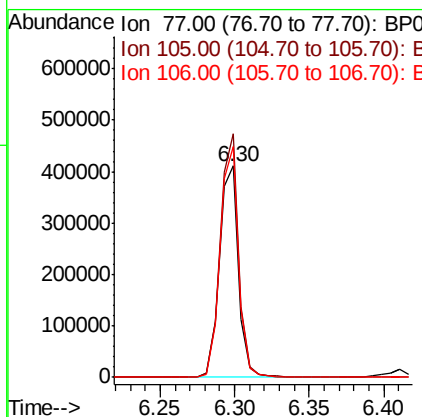
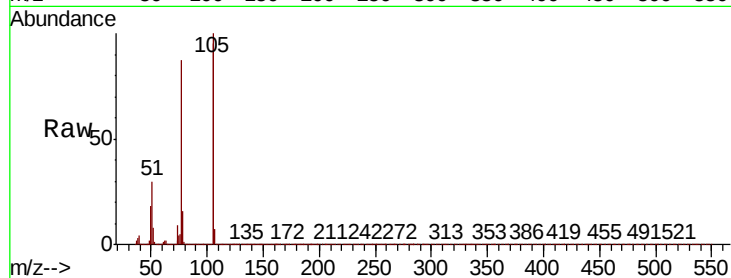
ClientSampleId :

20190879-COMPOSITE-KMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 368978 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 115.1 | 88.3  | 128.3  |
| 106      | 109.4 | 85.7  | 125.7  |

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#10

Phenol

Concen: 51.426 ng

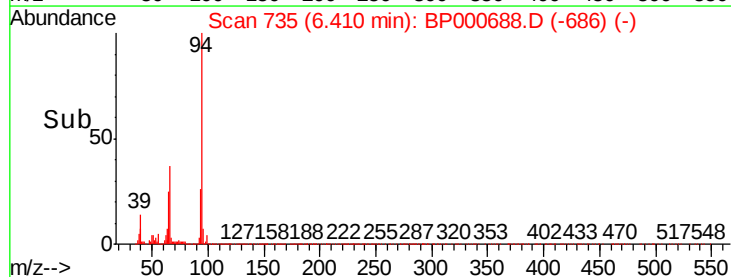
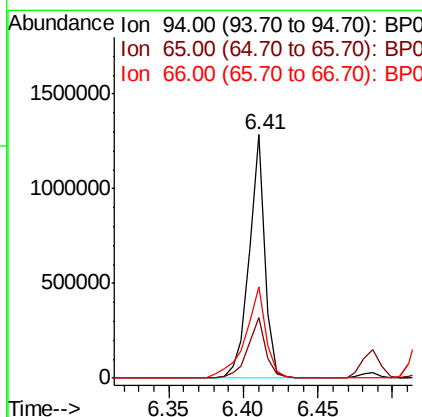
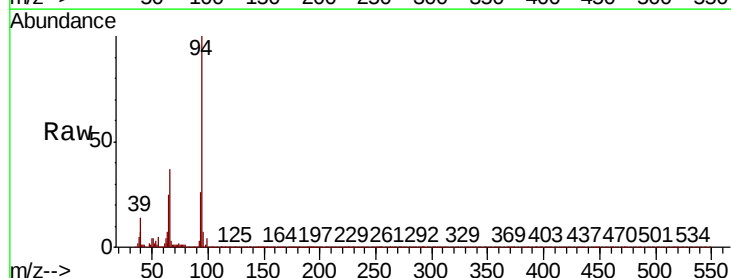
RT: 6.41 min Scan# 735

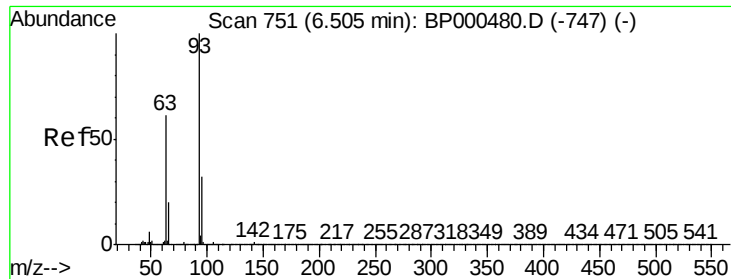
Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 930964 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 25.1  | 5.9   | 45.9   |
| 66       | 37.4  | 18.8  | 58.8   |





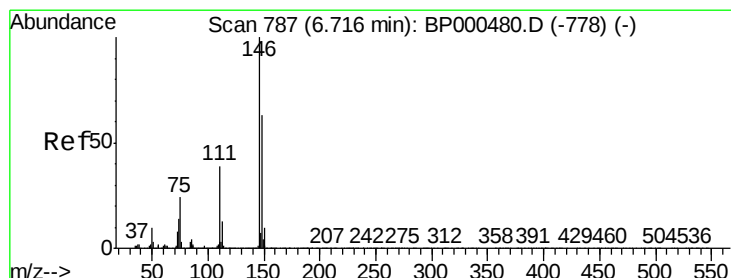
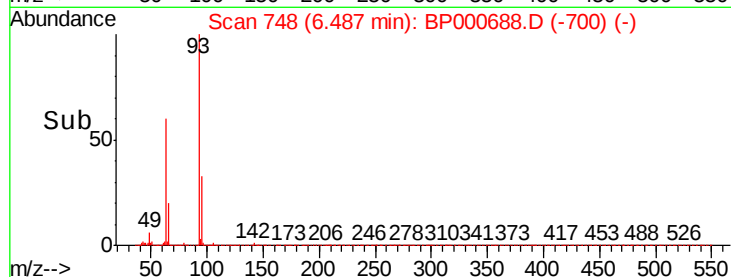
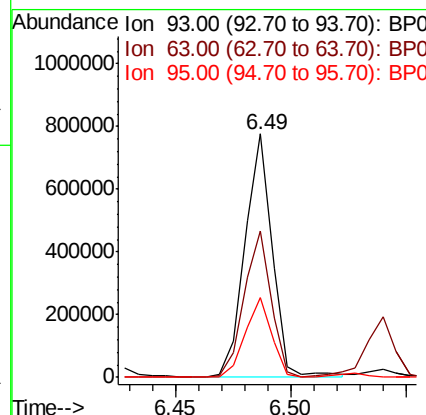
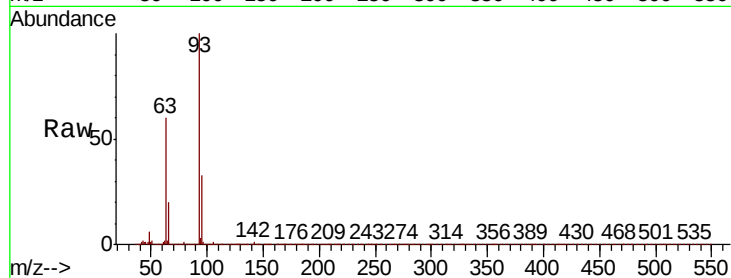
#11  
bis(2-Chloroethyl)ether  
Concen: 46.254 ng  
RT: 6.49 min Scan# 748  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 60.1  | 41.1  | 81.1  |
| 95      | 32.9  | 12.2  | 52.2  |

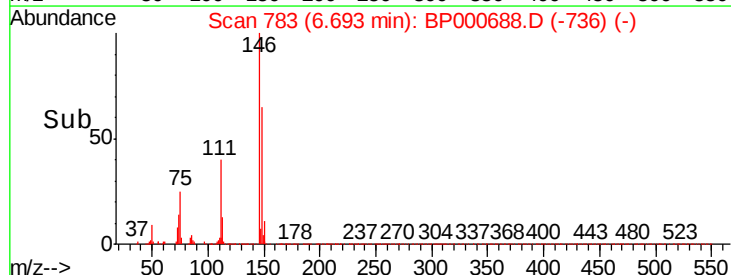
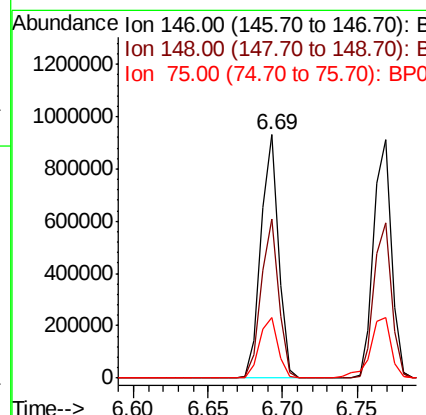
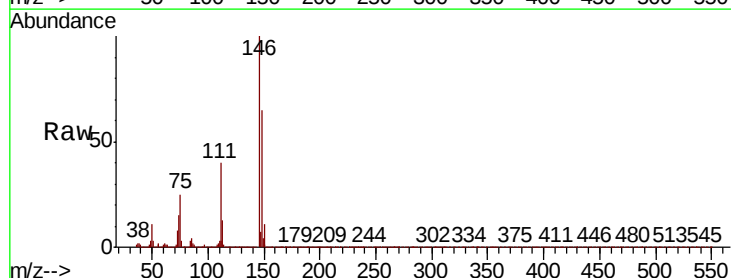
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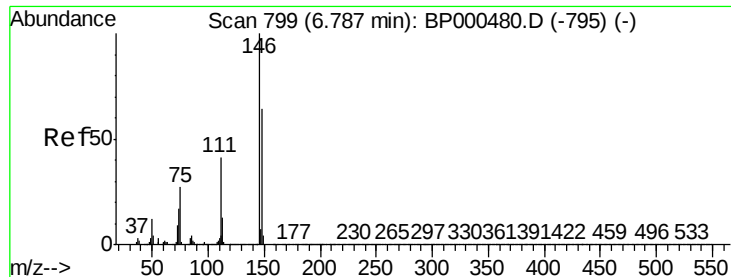
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#12  
1,3-Dichlorobenzene  
Concen: 42.786 ng  
RT: 6.69 min Scan# 783  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 50.7  | 76.1  |
| 75      | 25.1  | 19.1  | 28.7  |





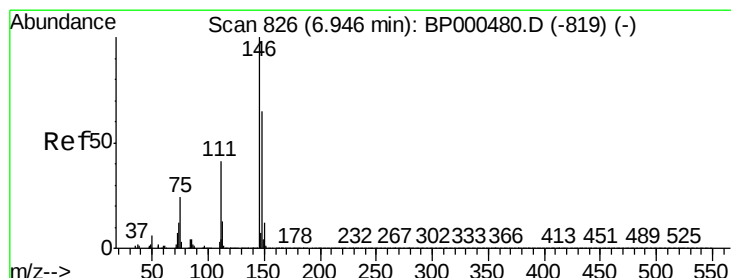
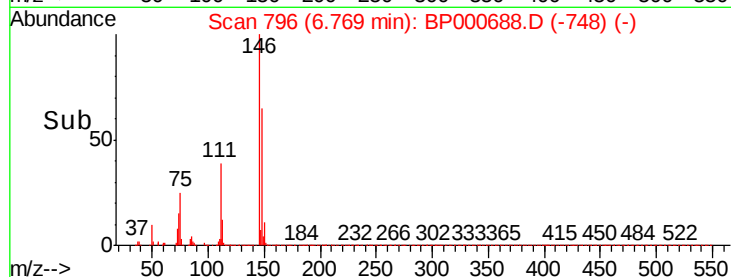
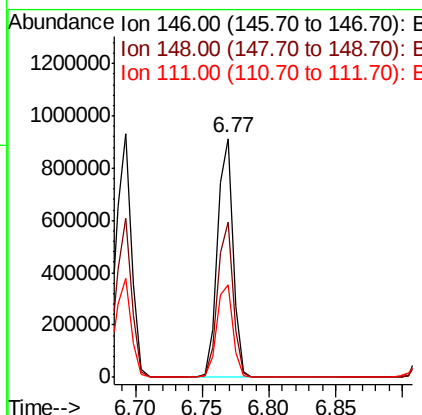
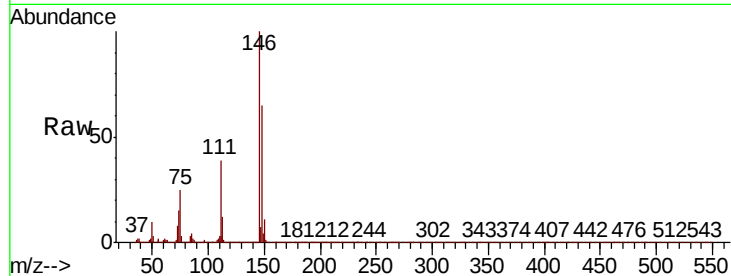
#13  
1,4-Dichlorobenzene  
Concen: 43.075 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 51.1  | 76.7  |
| 111     | 39.0  | 33.0  | 49.4  |

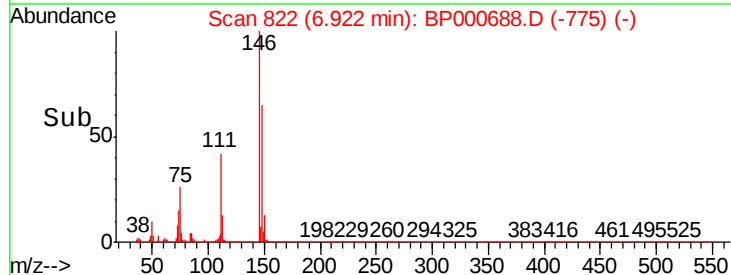
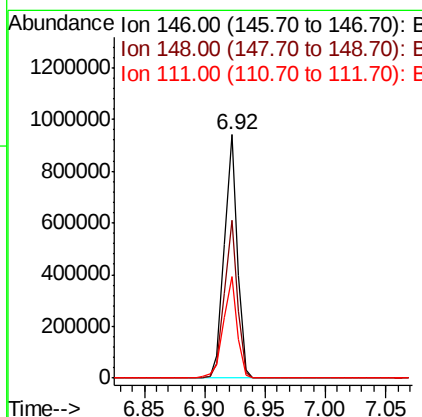
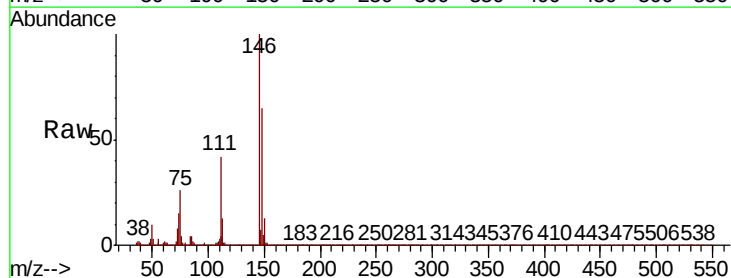
Manual Integrations  
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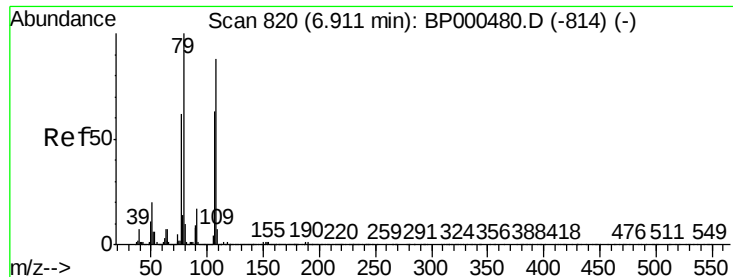
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#14  
1,2-Dichlorobenzene  
Concen: 42.962 ng  
RT: 6.92 min Scan# 822  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.8  | 77.6  |
| 111     | 41.8  | 32.8  | 49.2  |





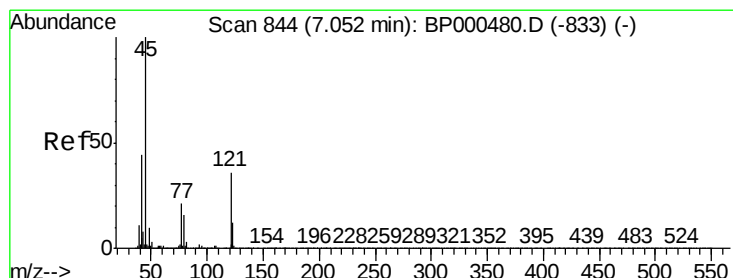
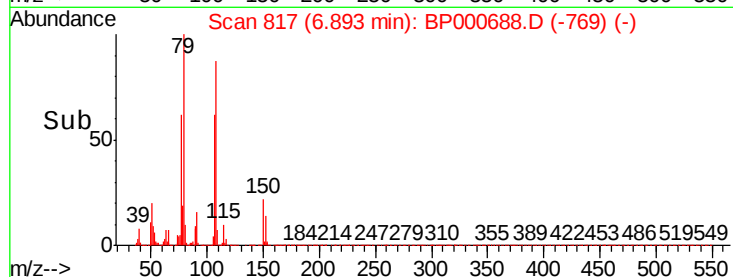
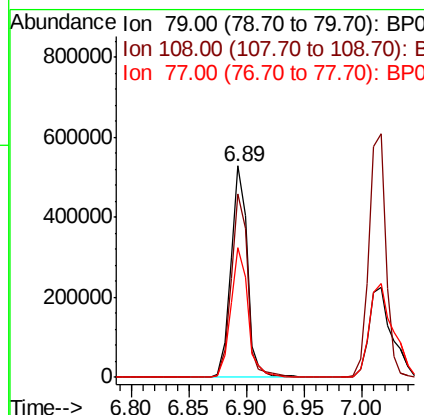
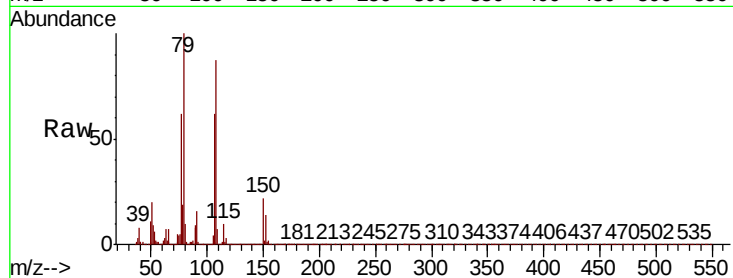
#15  
Benzyl Alcohol  
Concen: 45.422 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 86.9  | 70.8  | 106.2 |
| 77      | 61.7  | 50.0  | 75.0  |

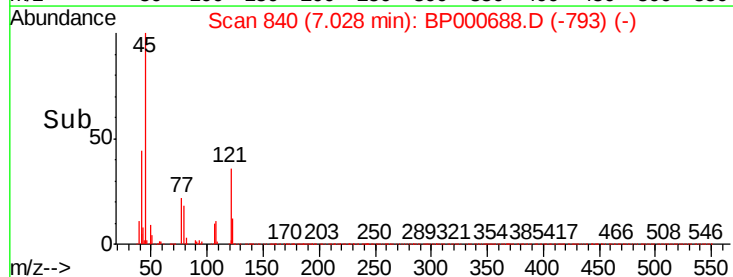
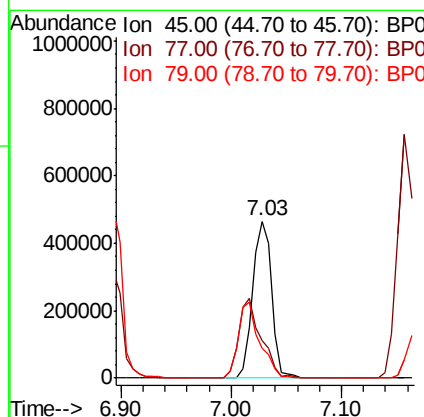
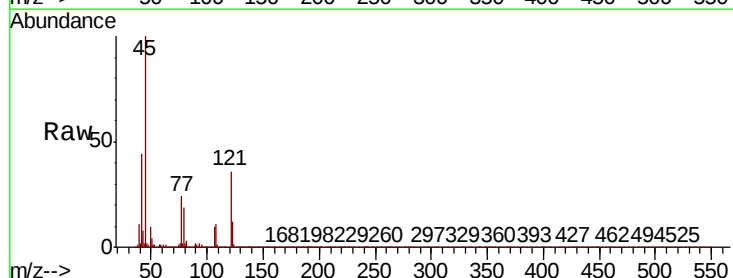
Manual Integrations  
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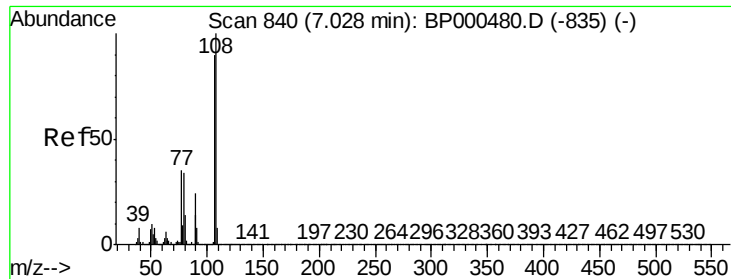
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.538 ng  
RT: 7.03 min Scan# 840  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 24.0  | 1.1   | 41.1  |
| 79      | 19.3  | 0.0   | 36.8  |





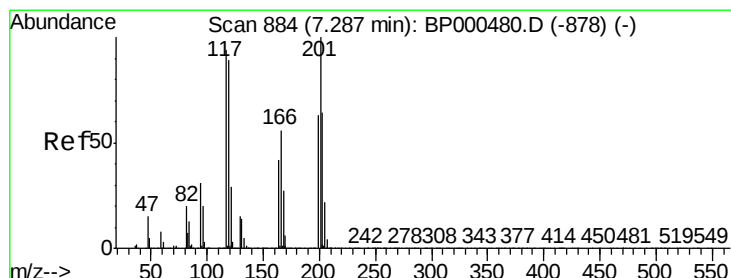
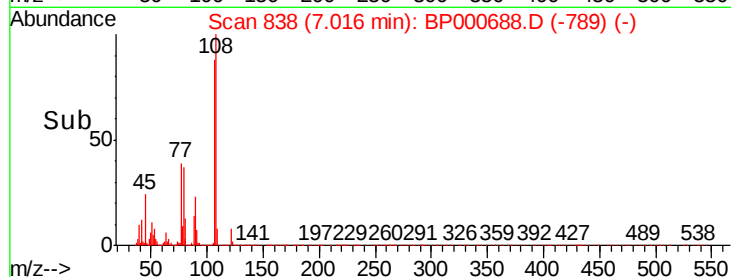
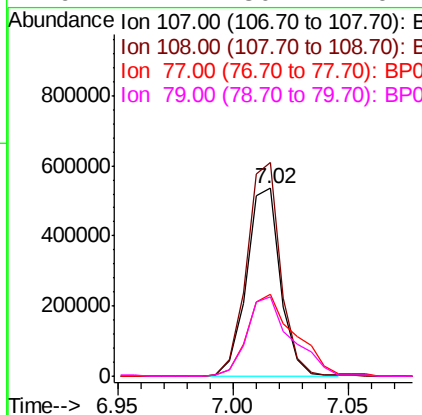
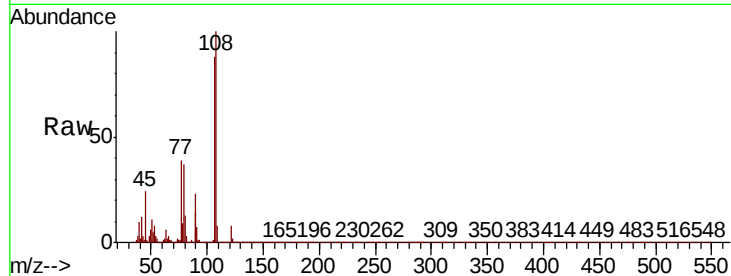
#17  
2-Methylphenol  
Concen: 45.874 ng  
RT: 7.02 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.5 | 89.0 | 133.4 |       |
| 77      | 43.9  | 31.2 | 46.8  |       |
| 79      | 42.2  | 30.7 | 46.1  |       |

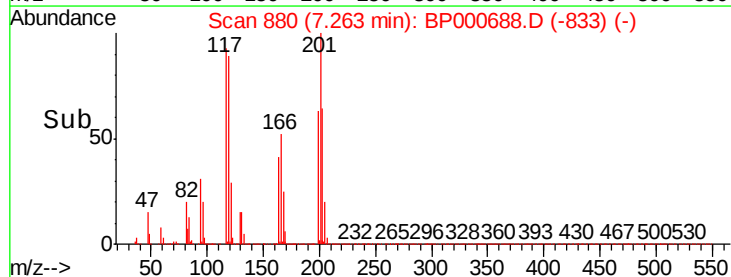
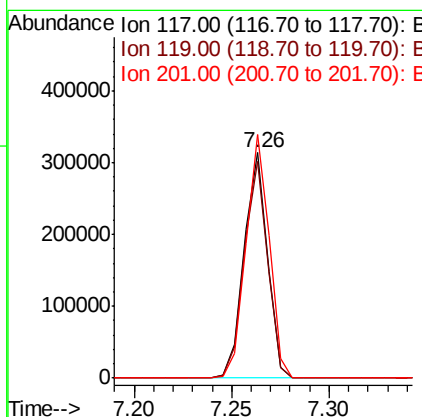
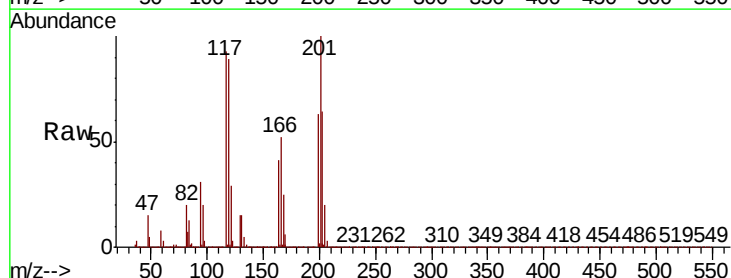
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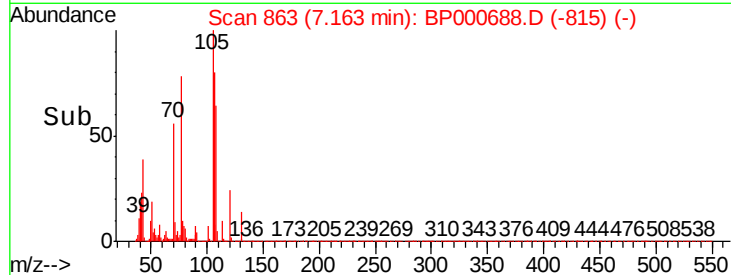
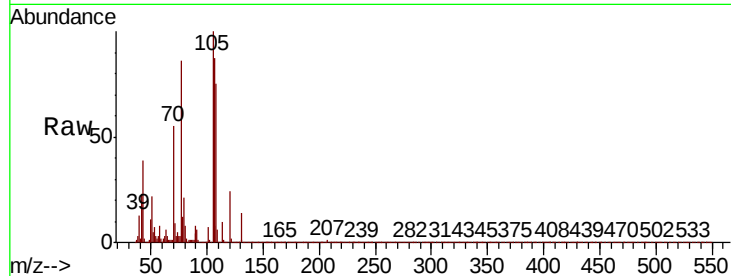
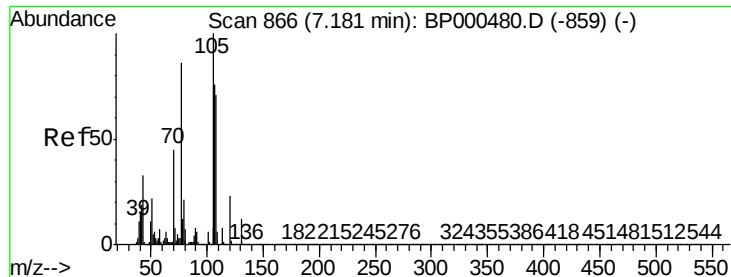
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#18  
Hexachloroethane  
Concen: 41.374 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.3  | 76.3 | 114.5 |       |
| 201     | 108.0 | 85.4 | 128.0 |       |





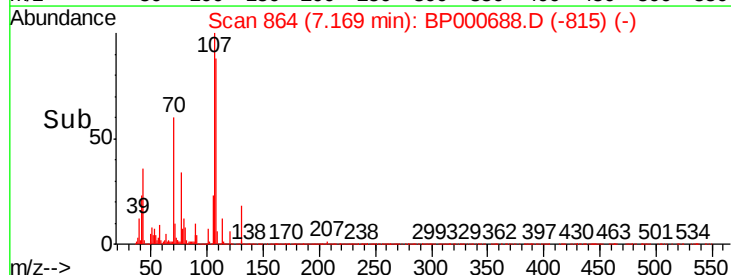
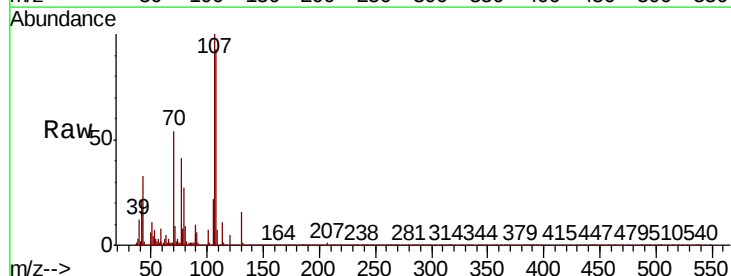
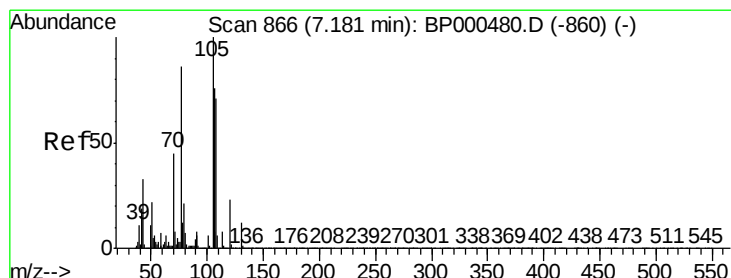
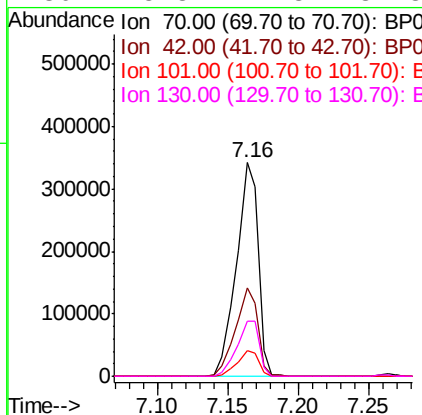
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.995 ng  
RT: 7.16 min Scan# 863  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 41.2 | 33.2  | 49.8 |       |       |
| 101     | 11.8 | 9.9   | 14.9 |       |       |
| 130     | 25.8 | 21.8  | 32.8 |       |       |

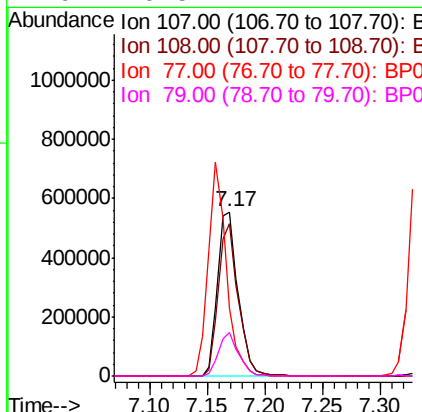
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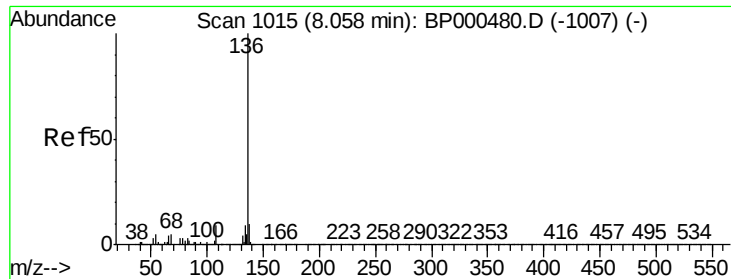
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#20  
3+4-Methylphenols  
Concen: 48.747 ng  
RT: 7.17 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       |        |       |       |
| 108     | 92.9 | 72.6  | 112.6  |       |       |
| 77      | 40.9 | 93.3  | 133.3# |       |       |
| 79      | 26.5 | 7.1   | 47.1   |       |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

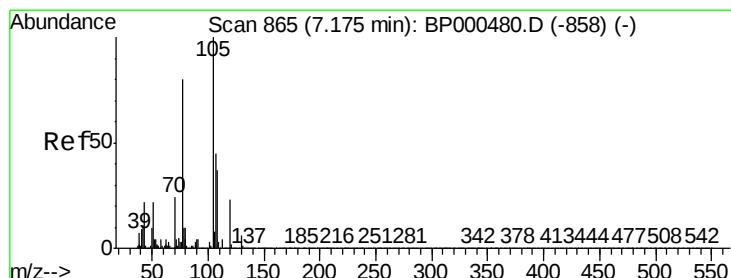
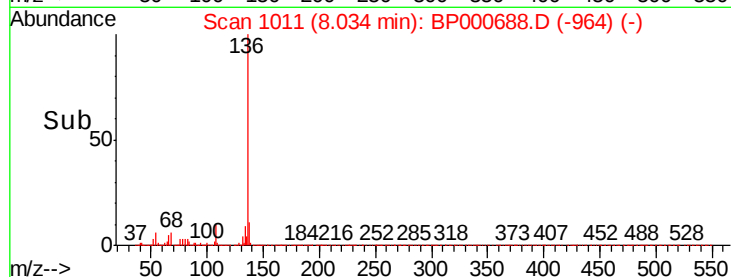
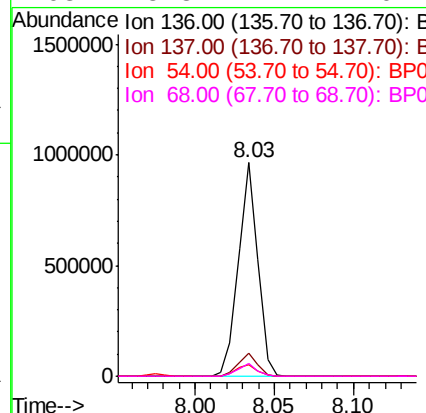
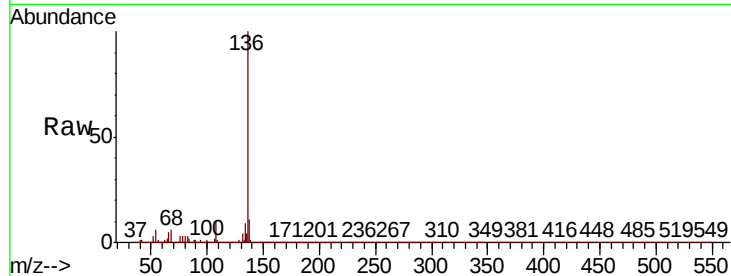
ClientSampleId :

20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 816981 |       |       |
| 137     | 10.9  | 8.2    | 12.4  |       |
| 54      | 5.6   | 4.1    | 6.1   |       |
| 68      | 5.8   | 4.1    | 6.1   |       |

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#22

Acetophenone

Concen: 47.417 ng

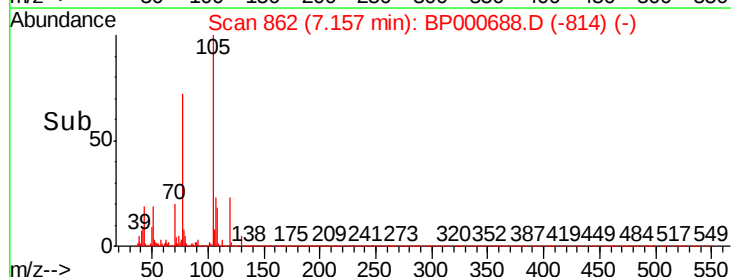
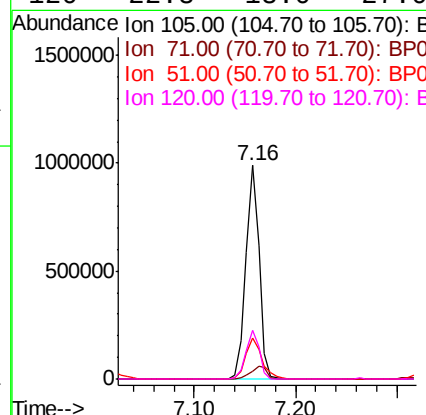
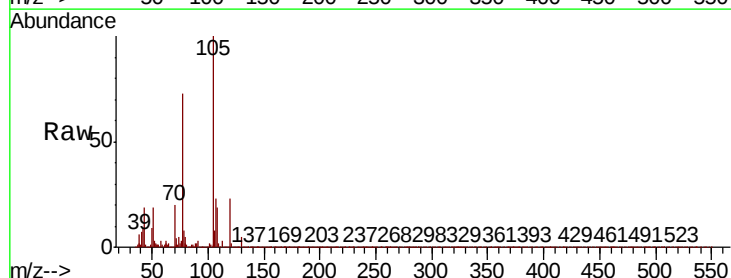
RT: 7.16 min Scan# 862

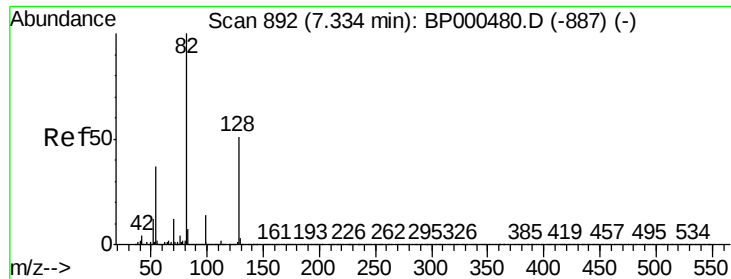
Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 895124 |       |       |
| 71      | 3.6   | 3.3    | 4.9   |       |
| 51      | 19.3  | 17.4   | 26.2  |       |
| 120     | 22.8  | 18.0   | 27.0  |       |





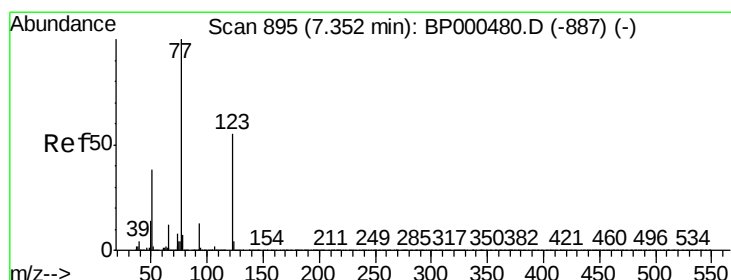
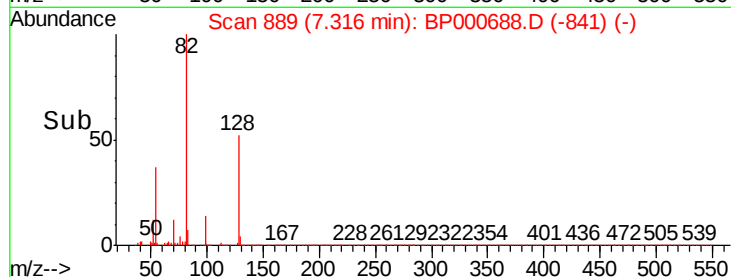
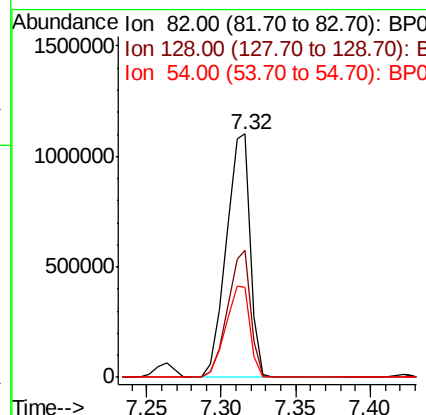
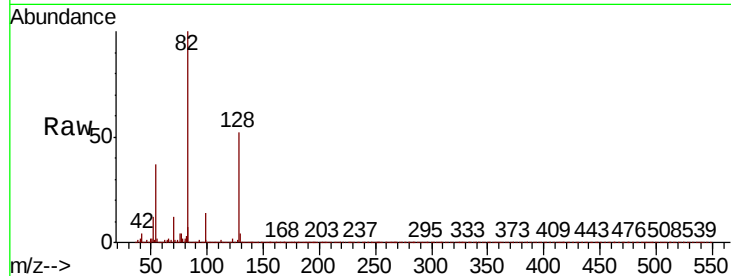
#23  
Nitrobenzene-d5  
Concen: 93.372 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 52.4  | 40.9  | 61.3  |
| 54      | 36.8  | 29.4  | 44.2  |

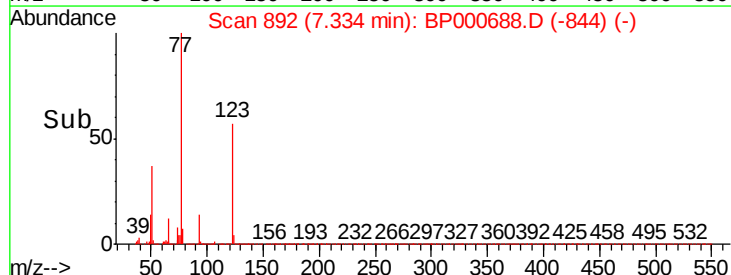
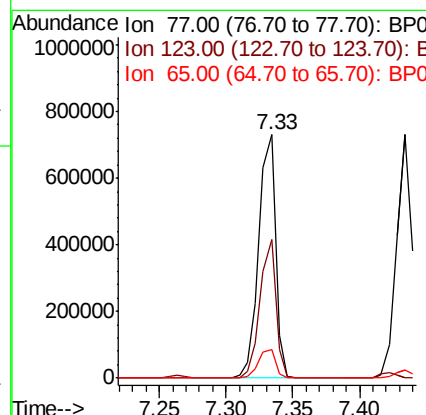
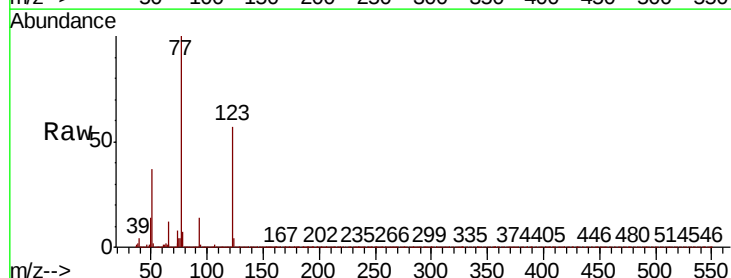
Manual Integrations  
APPROVED

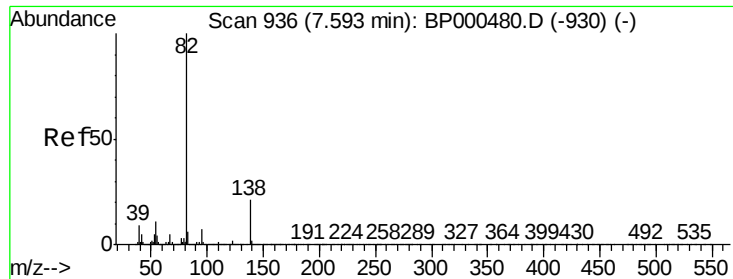
mohammad  
10/16/2019 8:08:18 AM



#24  
Nitrobenzene  
Concen: 48.691 ng  
RT: 7.33 min Scan# 892  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 56.7  | 44.1  | 66.1  |
| 65      | 12.0  | 9.7   | 14.5  |





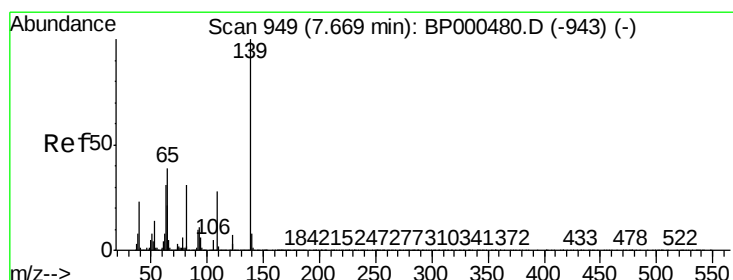
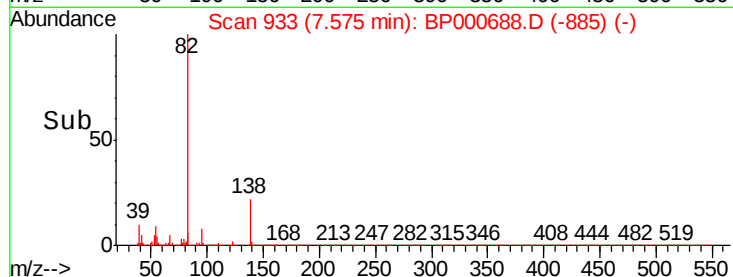
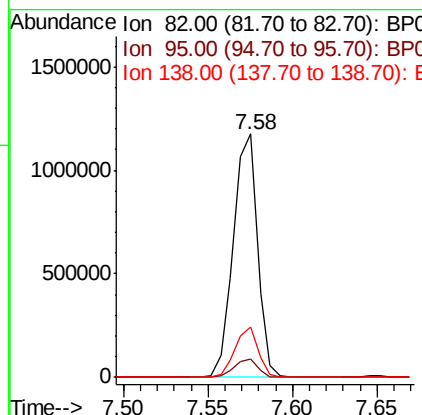
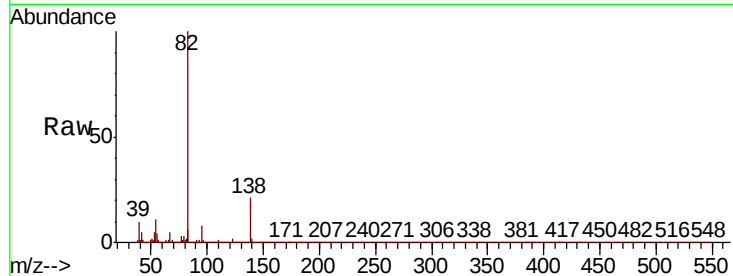
#25  
Isophorone  
Concen: 49.271 ng  
RT: 7.58 min Scan# 933  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion   | 82    | Resp  | 1169738 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 95        | 7.5   | 5.8   | 8.6     |
| 138       | 20.9  | 17.0  | 25.4    |

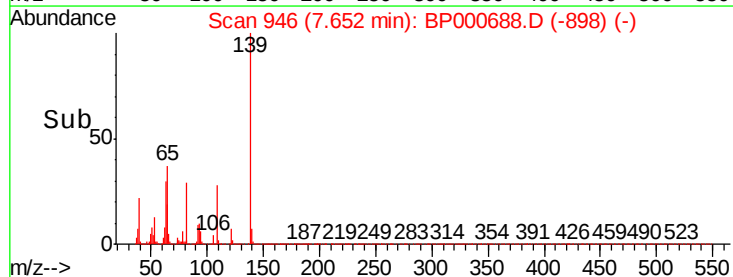
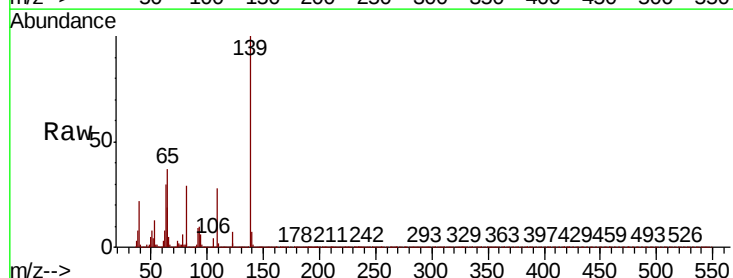
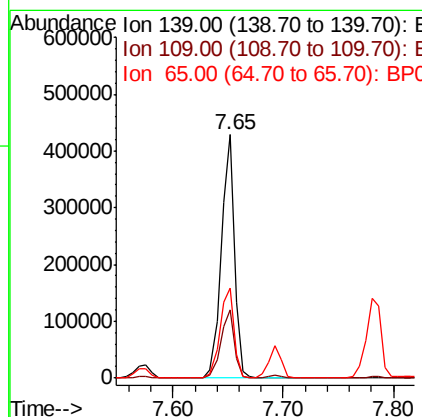
Manual Integrations  
APPROVED

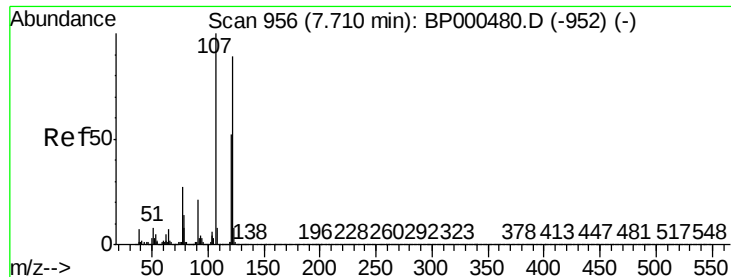
mohammad  
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#26  
2-Nitrophenol  
Concen: 52.484 ng  
RT: 7.65 min Scan# 946  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion   | 139   | Resp  | 356083 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.2  | 22.8  | 34.2   |
| 65        | 37.0  | 31.5  | 47.3   |





#27

2,4-Dimethylphenol

Concen: 56.773 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

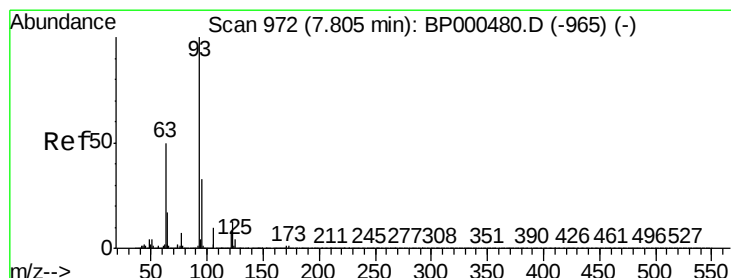
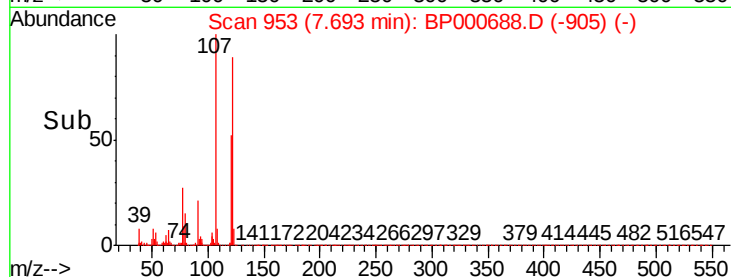
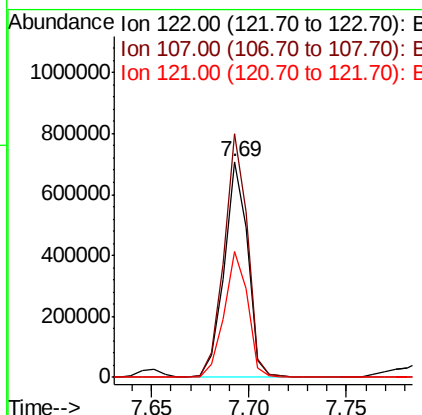
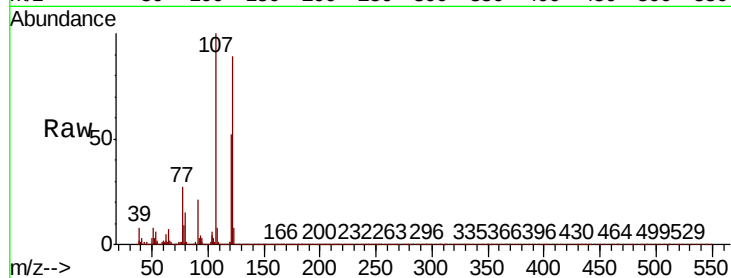
ClientSampleId :

20190879-COMPOSITE-KMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 590441 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 113.0 | 89.9  | 134.9  |
| 121       | 58.3  | 46.6  | 70.0   |

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#28

bis(2-Chloroethoxy)methane

Concen: 47.889 ng

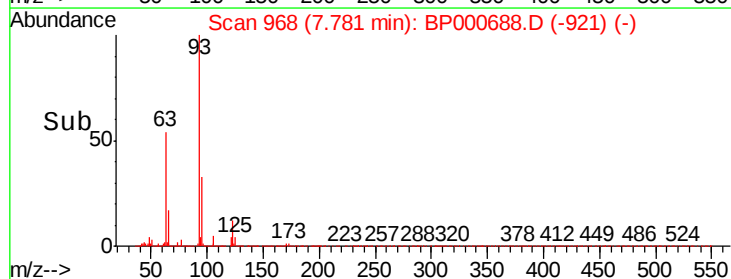
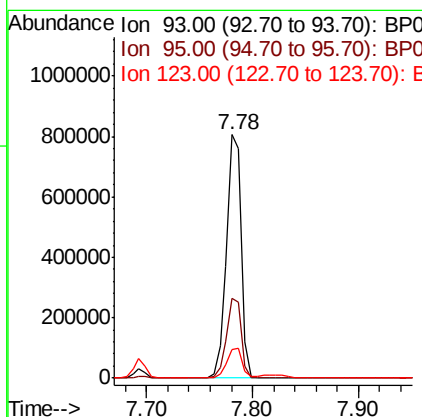
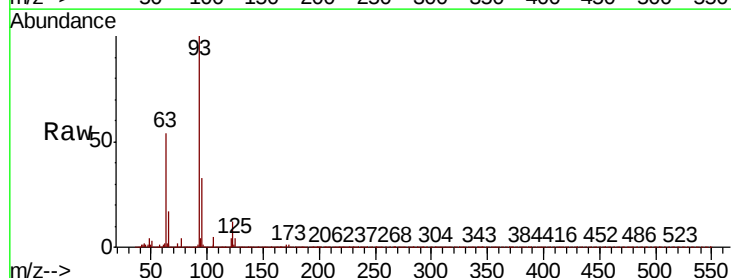
RT: 7.78 min Scan# 968

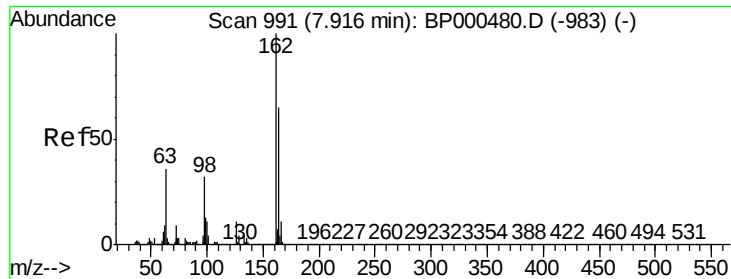
Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 772624 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.9  | 26.2  | 39.2   |
| 123       | 11.9  | 10.2  | 15.2   |





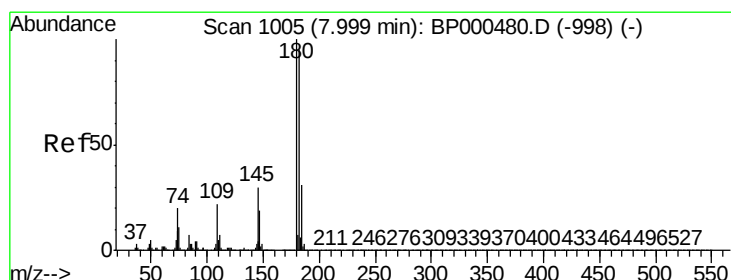
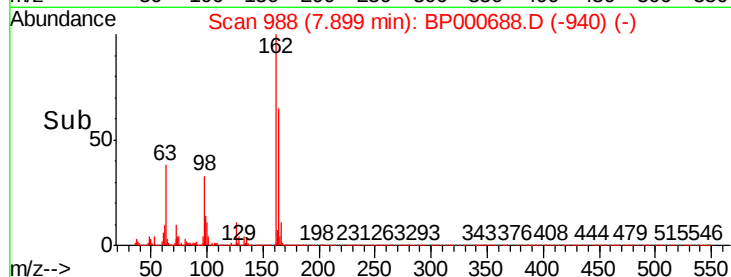
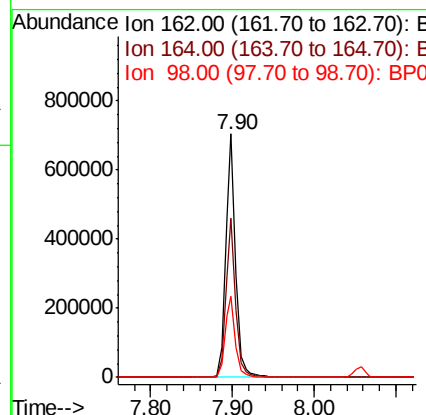
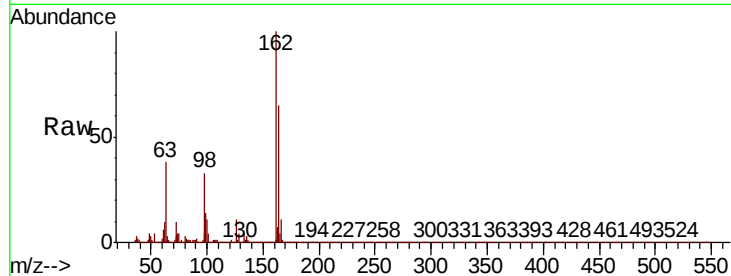
#29  
2,4-Dichlorophenol  
Concen: 50.281 ng  
RT: 7.90 min Scan# 988  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 65.2  | 44.6       | 84.6  |
| 98      | 33.3  | 11.6       | 51.6  |

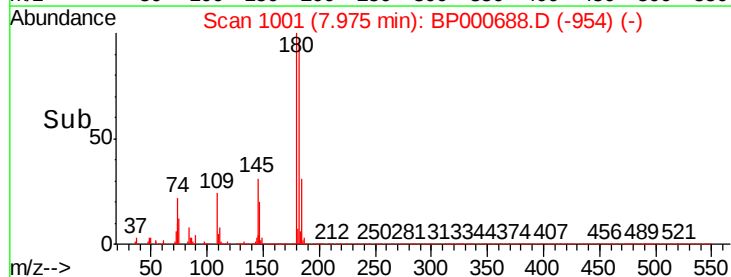
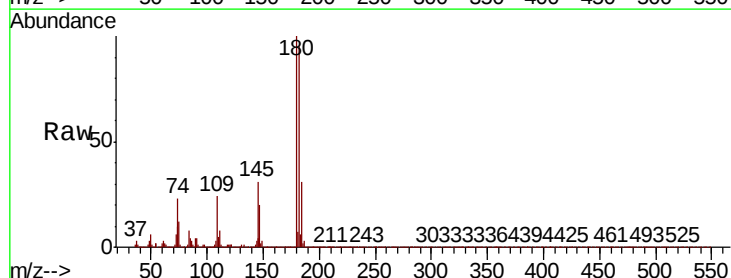
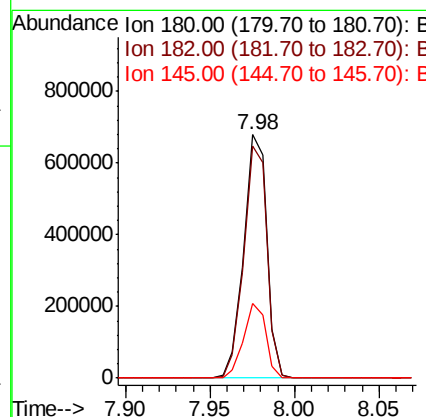
Manual Integrations  
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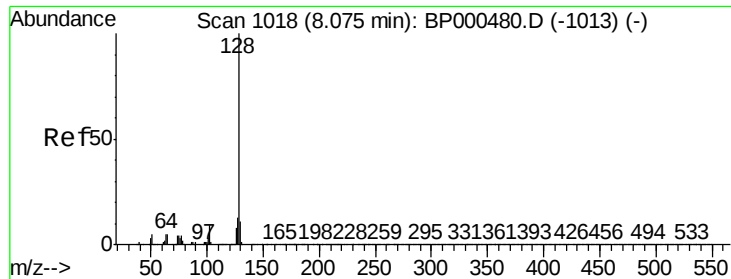
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#30  
1,2,4-Trichlorobenzene  
Concen: 46.920 ng  
RT: 7.98 min Scan# 1001  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.2  | 76.2       | 114.4 |
| 145     | 30.6  | 23.6       | 35.4  |





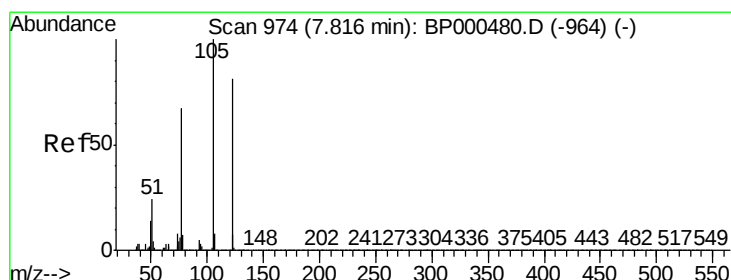
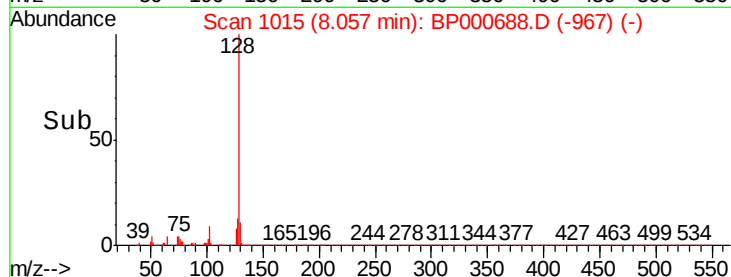
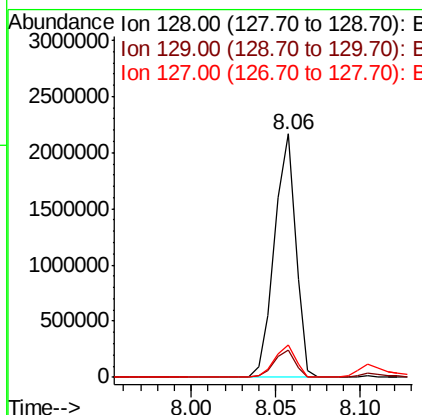
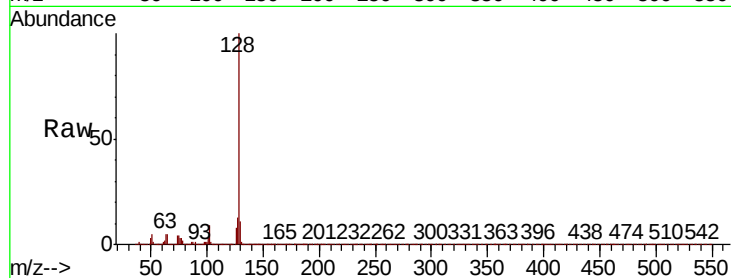
#31  
Naphthalene  
Concen: 49.525 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.0   | 13.6  |
| 127     | 13.5  | 10.5  | 15.7  |

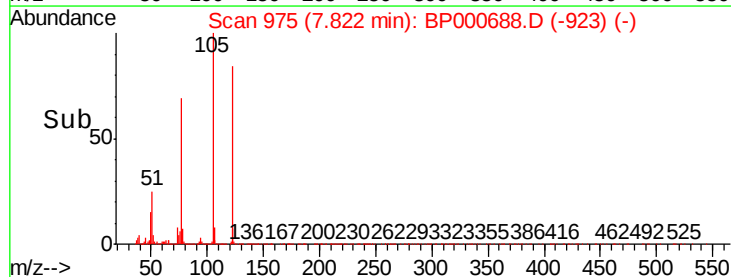
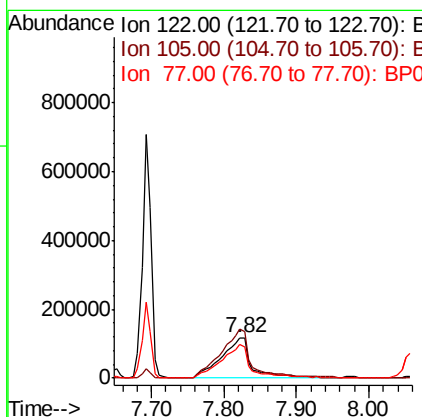
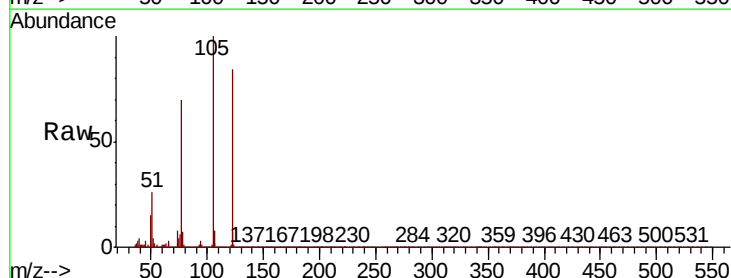
Manual Integrations  
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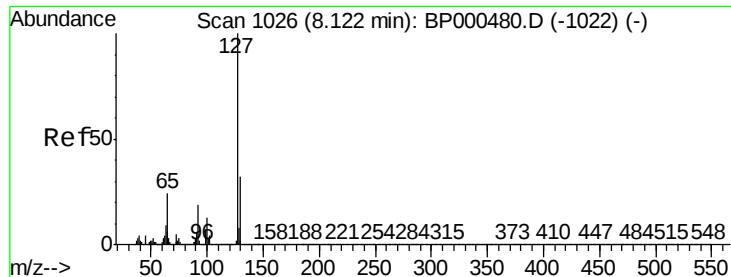
mohammad  
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#32  
Benzoic acid  
Concen: 50.119 ng  
RT: 7.82 min Scan# 975  
Delta R.T. 0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.2 | 101.4 | 141.4 |
| 77      | 83.2  | 62.1  | 102.1 |





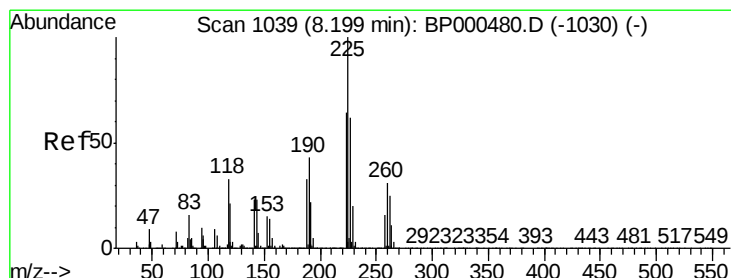
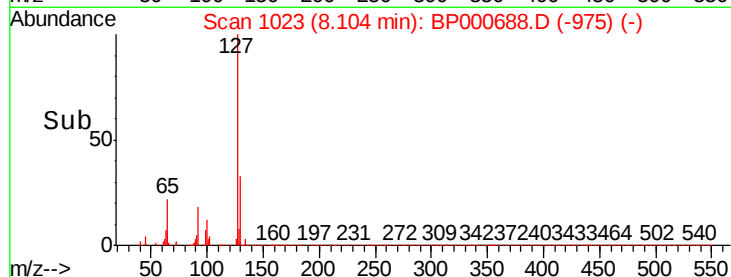
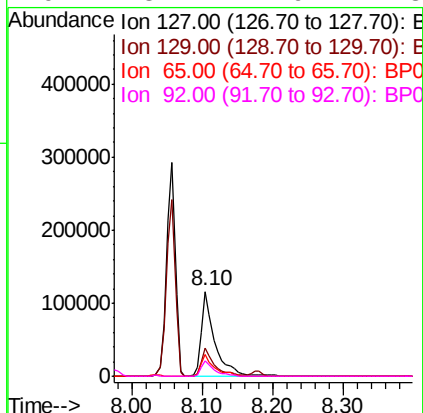
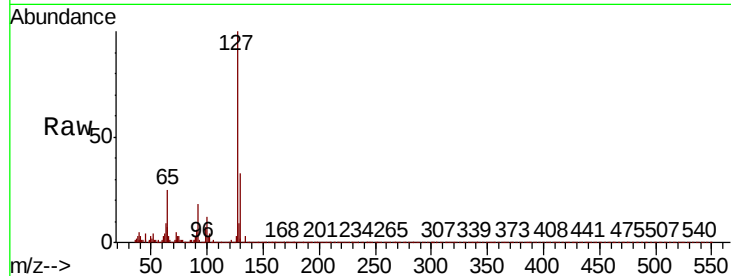
#33  
4-Chloroaniline  
Concen: 9.241 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 154810 |       |       |
| 129     | 33.1 | 25.6  | 38.4   |       |       |
| 65      | 25.1 | 19.2  | 28.8   |       |       |
| 92      | 18.2 | 14.9  | 22.3   |       |       |

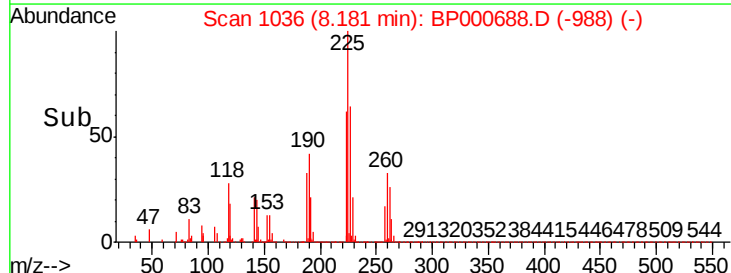
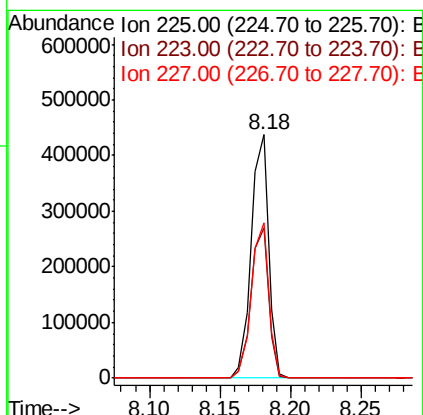
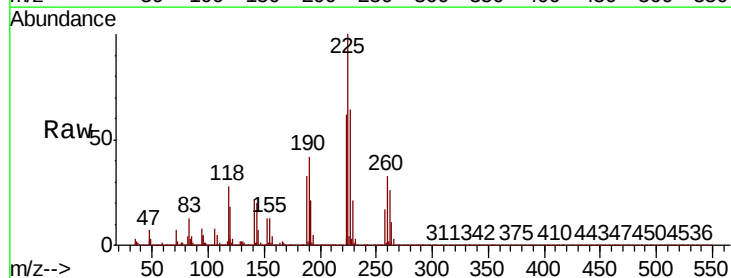
Manual Integrations  
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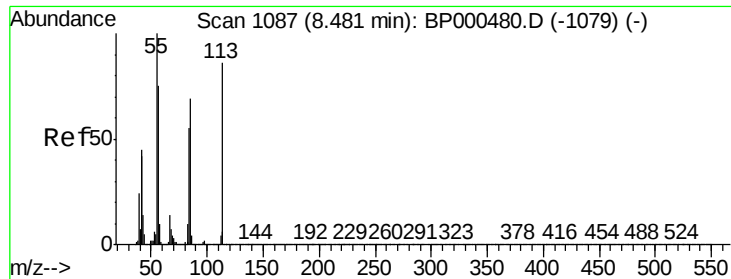
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 45.633 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 380856 |       |       |
| 223     | 61.9 | 51.4  | 77.0   |       |       |
| 227     | 64.0 | 49.7  | 74.5   |       |       |





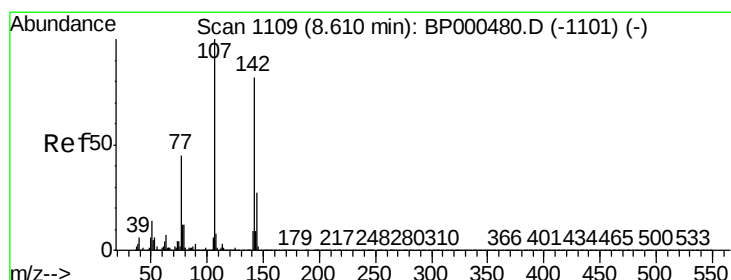
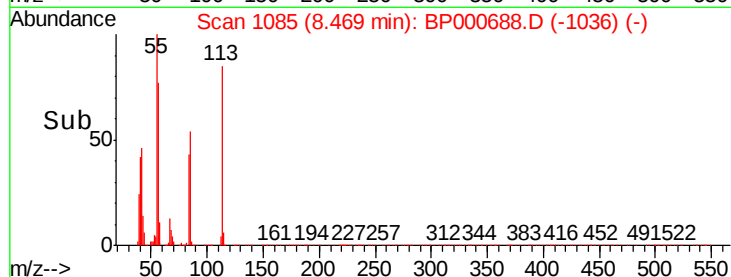
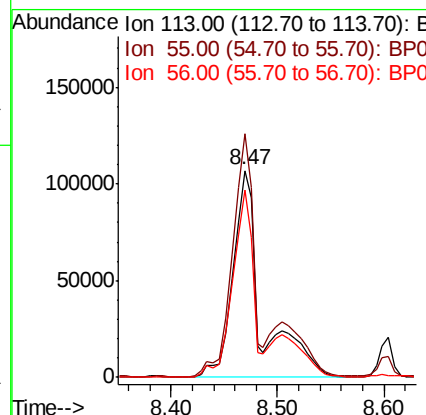
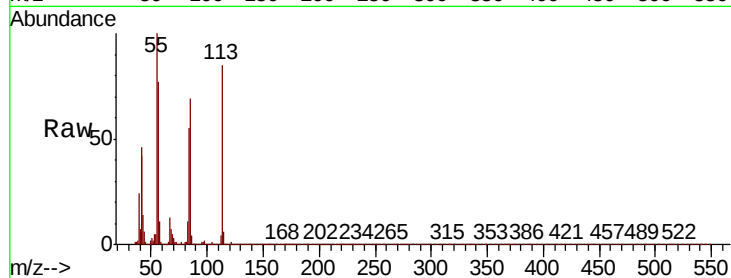
#35  
Caprolactam  
Concen: 49.823 ng/ml  
RT: 8.47 min Scan# 1085  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 113     | 100   |       | 196231 |       |       |
| 55      | 117.6 | 95.9  | 135.9  |       |       |
| 56      | 90.2  | 67.2  | 107.2  |       |       |

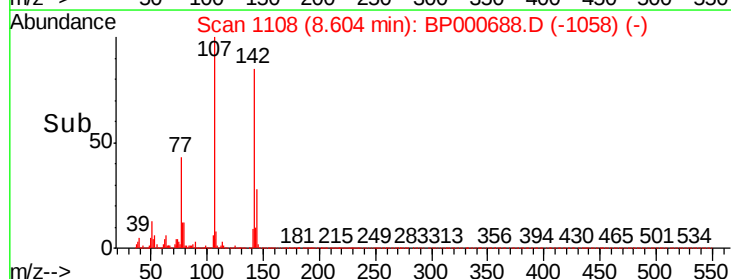
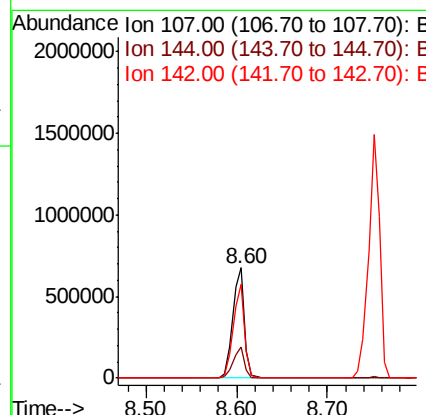
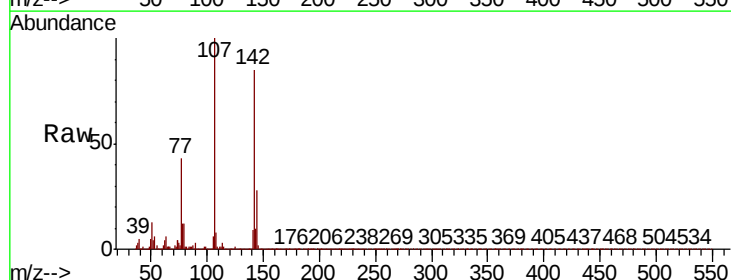
Manual Integrations  
APPROVED

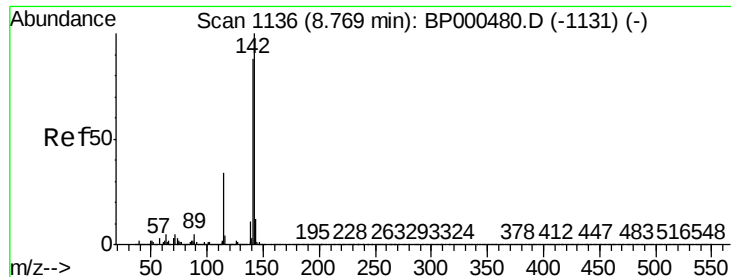
mohammad  
10/16/2019 8:08:18 AM



#36  
4-Chloro-3-methylphenol  
Concen: 50.946 ng/ml  
RT: 8.60 min Scan# 1108  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 586754 |       |       |
| 144     | 28.1 | 21.8  | 32.8   |       |       |
| 142     | 85.0 | 65.5  | 98.3   |       |       |





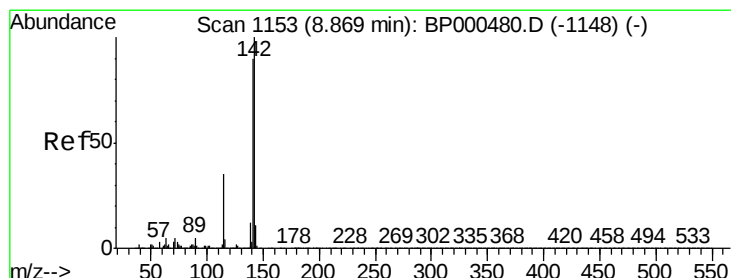
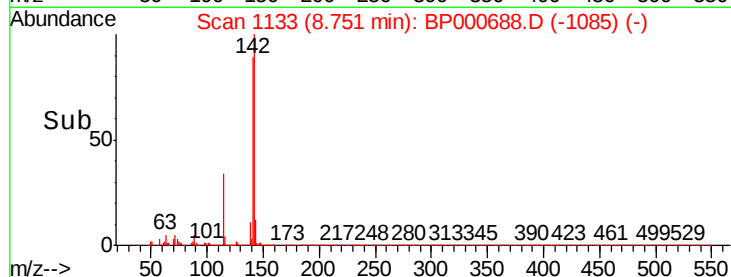
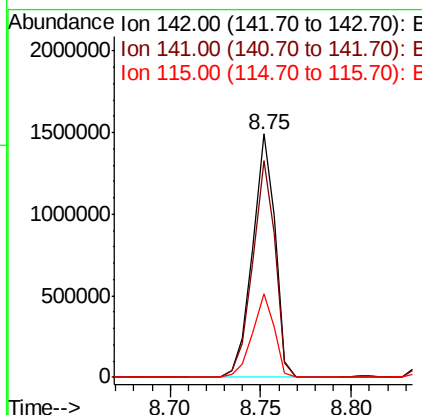
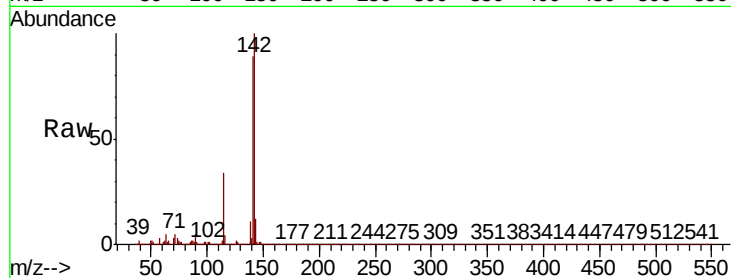
#37  
2-Methylnaphthalene  
Concen: 50.287 ng  
RT: 8.75 min Scan# 1133  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 70.6  | 106.0 |
| 115     | 34.2  | 27.4  | 41.0  |

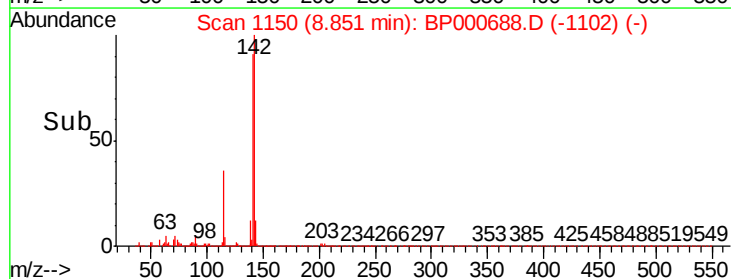
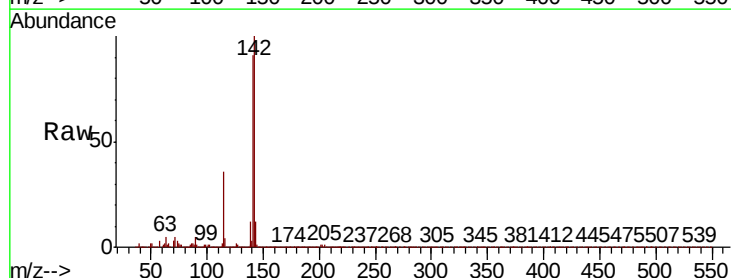
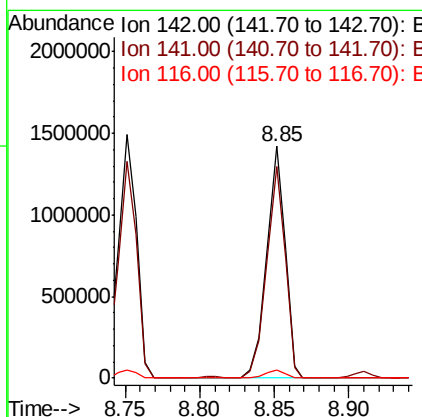
Manual Integrations  
APPROVED

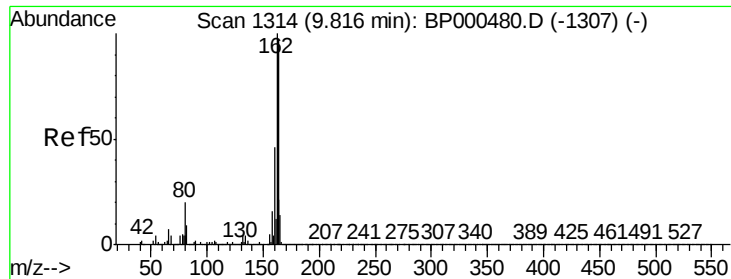
mohammad  
10/16/2019 8:08:18 AM



#38  
1-Methylnaphthalene  
Concen: 49.792 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.4  | 71.9  | 107.9 |
| 116     | 3.7   | 3.0   | 4.4   |





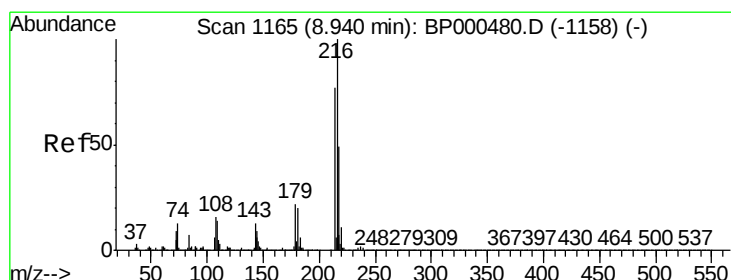
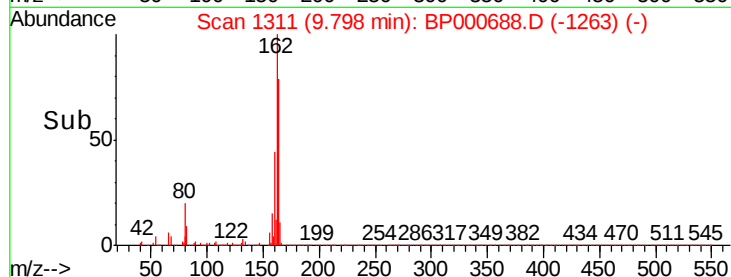
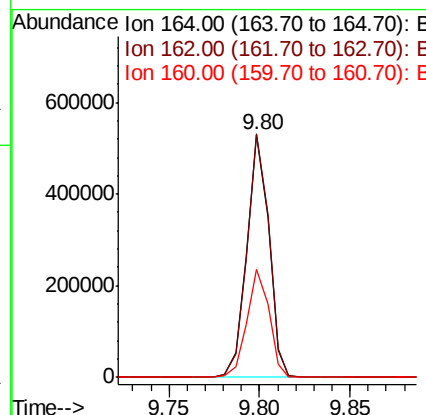
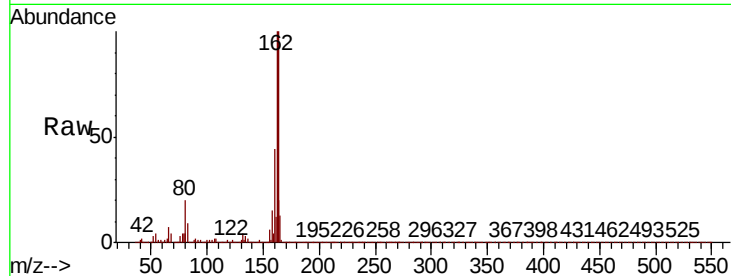
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.4 | 82.2  | 123.2 |
| 160     | 44.6  | 37.6  | 56.4  |

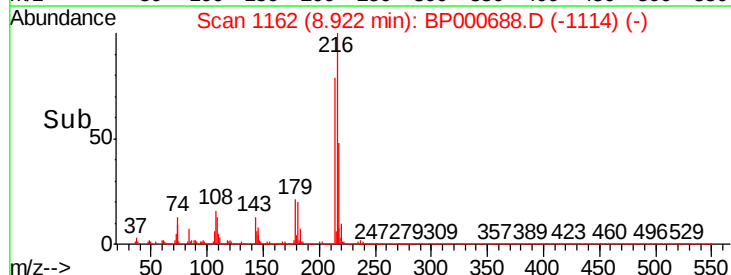
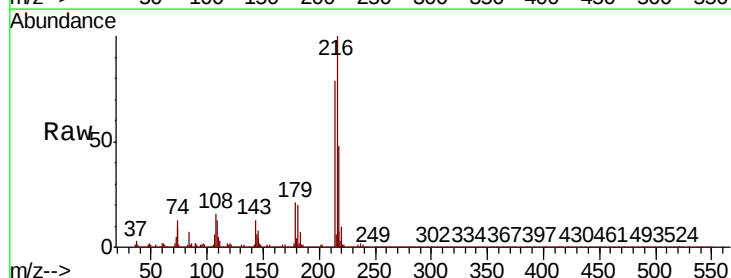
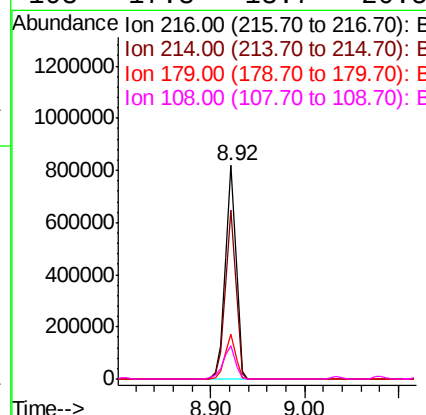
Manual Integrations  
APPROVED

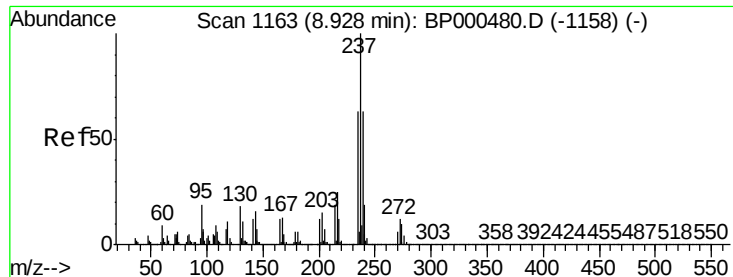
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.517 ng  
RT: 8.92 min Scan# 1162  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.8  | 62.7  | 94.1  |
| 179     | 20.7  | 16.7  | 25.1  |
| 108     | 17.3  | 13.7  | 20.5  |





#41

Hexachlorocyclopentadiene

Concen: 51.435 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

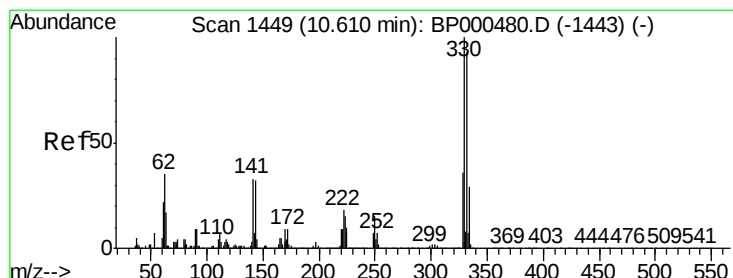
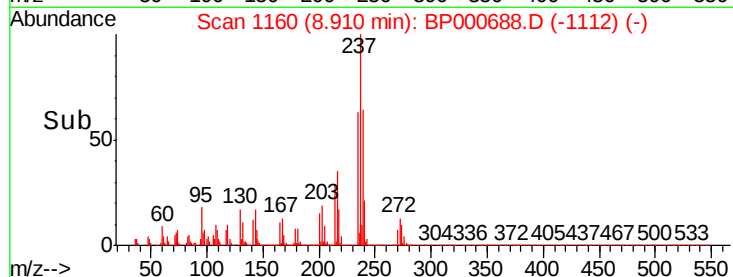
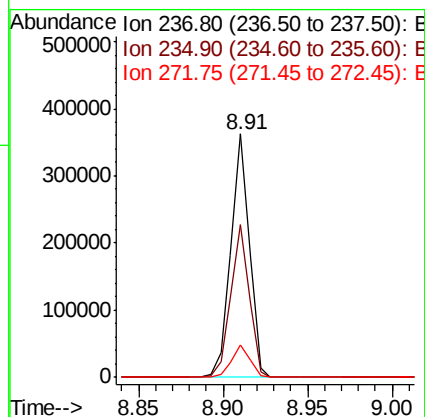
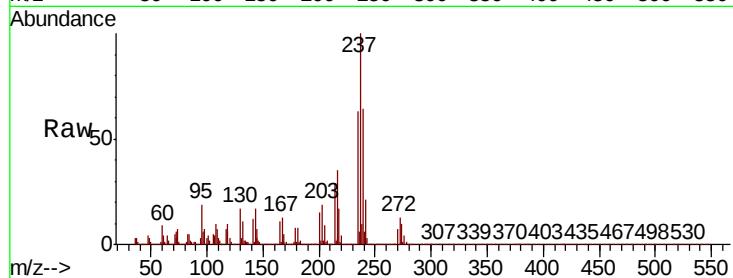
ClientSampleId :

20190879-COMPOSITE-KMSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 237  | Resp: | 274632 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 62.8 | 42.9  | 82.9   |
| 272       | 13.2 | 0.0   | 32.4   |

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#42

2,4,6-Tribromophenol

Concen: 87.764 ng

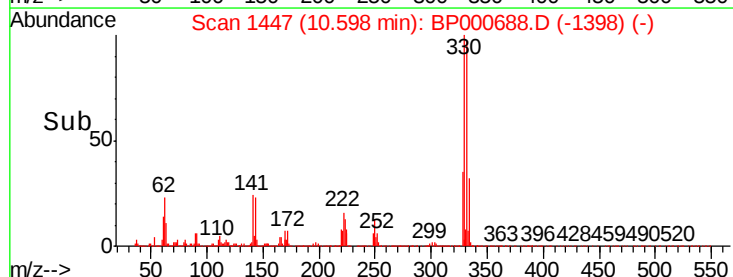
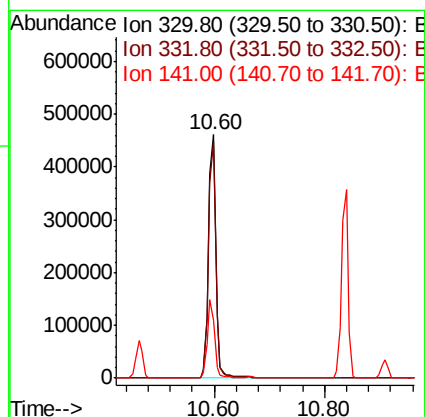
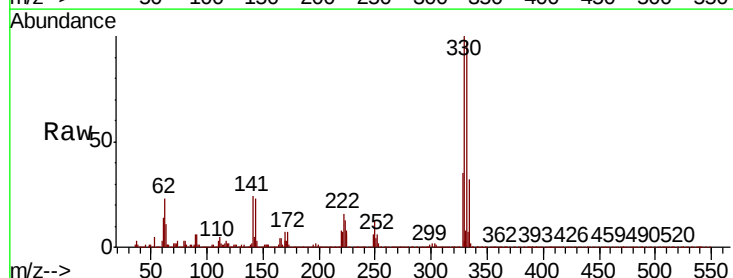
RT: 10.60 min Scan# 1447

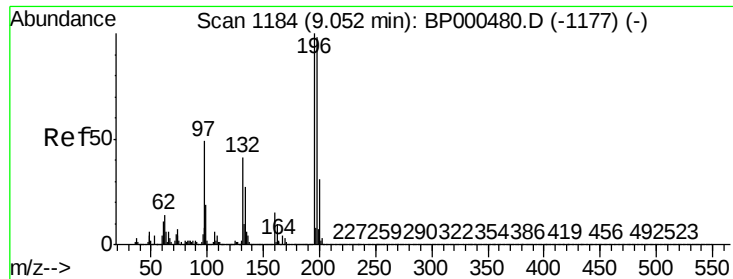
Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 330  | Resp: | 417407 |
| Ion Ratio |      | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 96.0 | 77.1  | 115.7  |
| 141       | 31.4 | 26.0  | 39.0   |





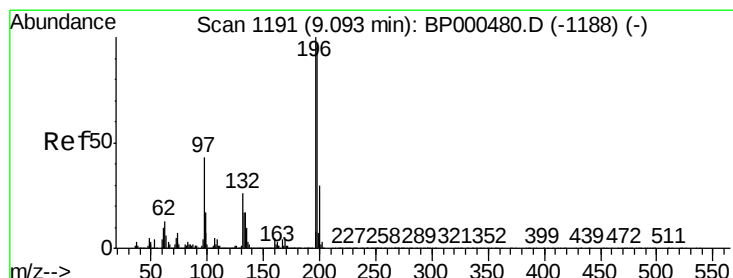
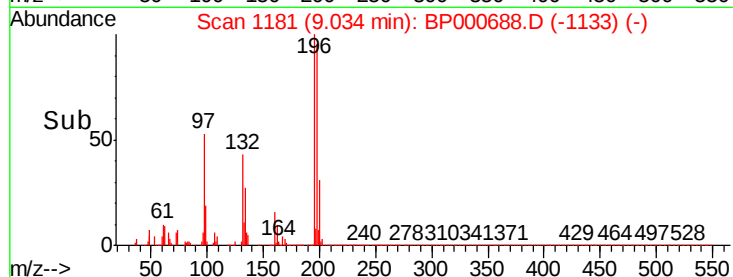
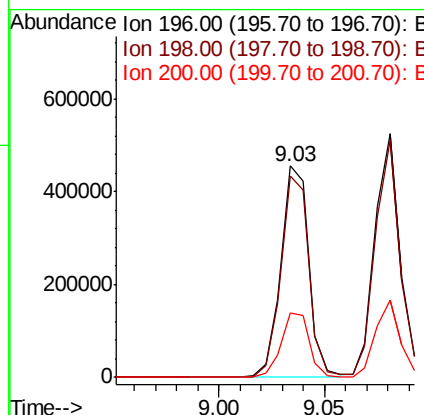
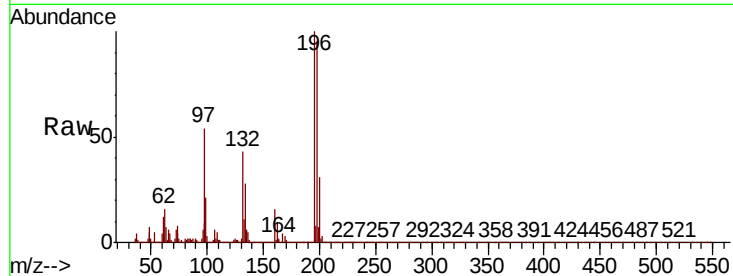
#43  
2,4,6-Trichlorophenol  
Concen: 48.111 ng  
RT: 9.03 min Scan# 1181  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 418376 |       |       |
| 198     | 95.1  | 78.2   | 117.2 |       |
| 200     | 30.6  | 24.9   | 37.3  |       |

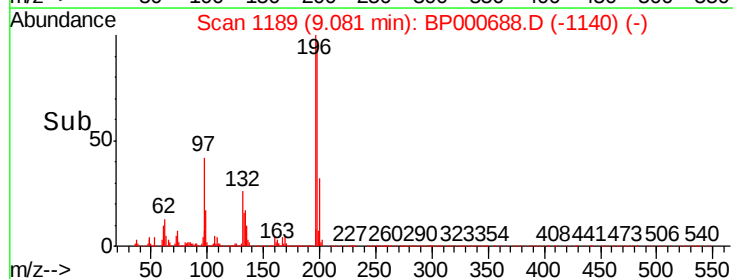
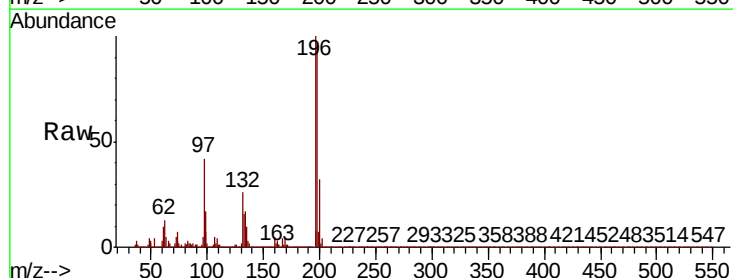
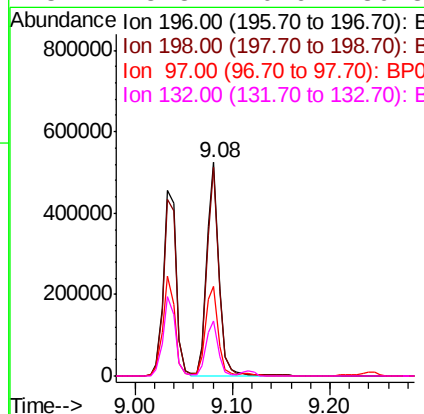
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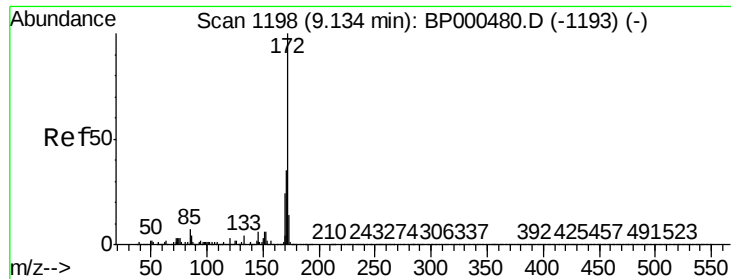
mohammad  
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#44  
2,4,5-Trichlorophenol  
Concen: 50.122 ng  
RT: 9.08 min Scan# 1189  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 450014 |       |       |
| 198     | 97.4  | 77.4   | 116.0 |       |
| 97      | 41.7  | 34.6   | 51.8  |       |
| 132     | 25.8  | 20.6   | 30.8  |       |





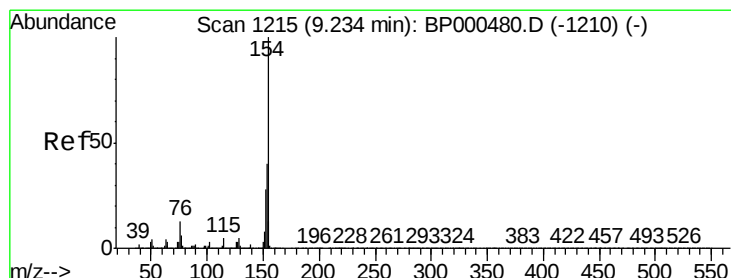
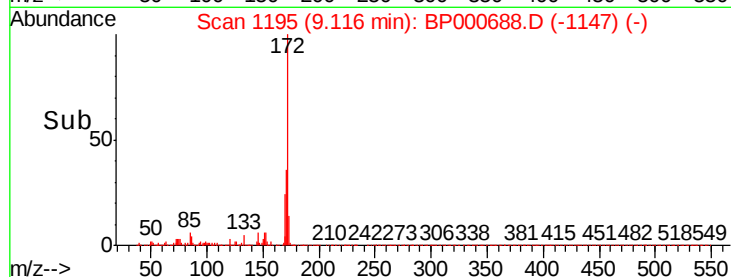
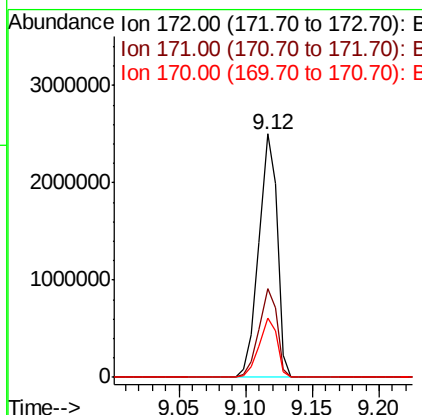
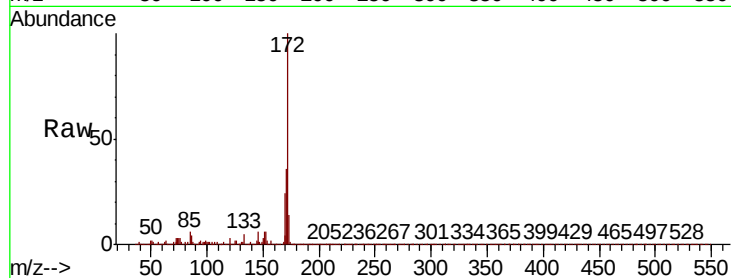
#45  
2-Fluorobiphenyl  
Concen: 85.117 ng  
RT: 9.12 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 28.4  | 42.6  |
| 170     | 24.2  | 19.1  | 28.7  |

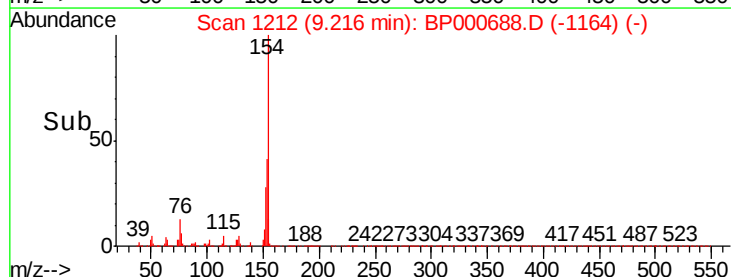
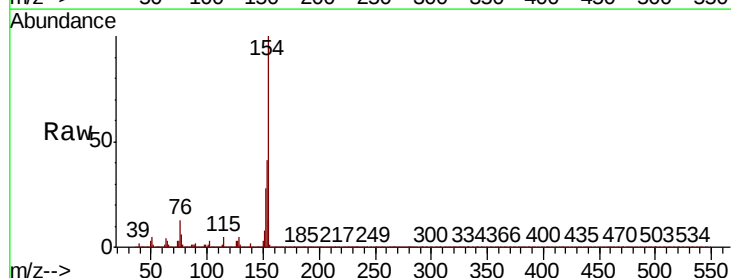
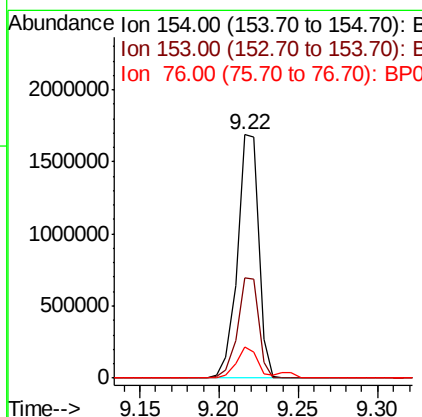
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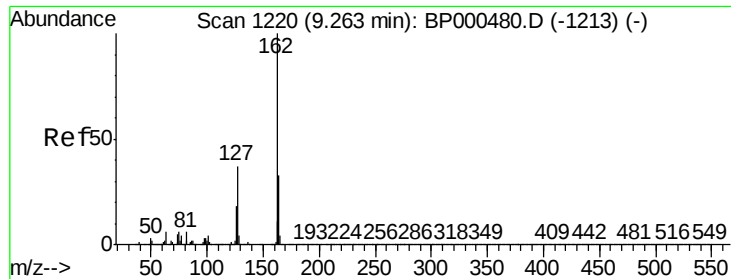
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 46.666 ng  
RT: 9.22 min Scan# 1212  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 19.9  | 59.9  |
| 76      | 12.6  | 0.0   | 32.8  |





#47

2-Chloronaphthalene

Concen: 47.596 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

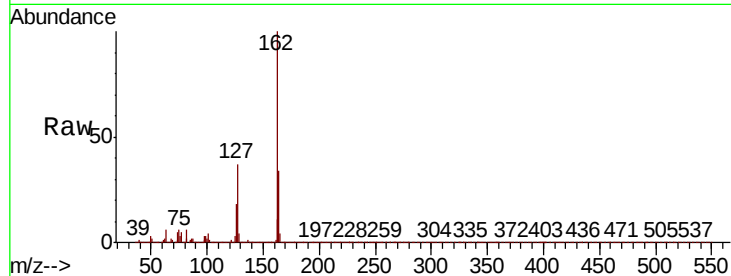
ClientSampleId :

20190879-COMPOSITE-KMSD

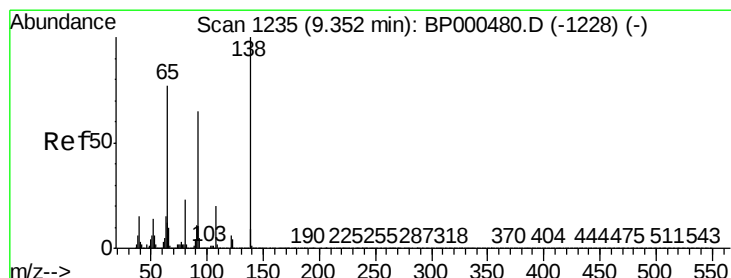
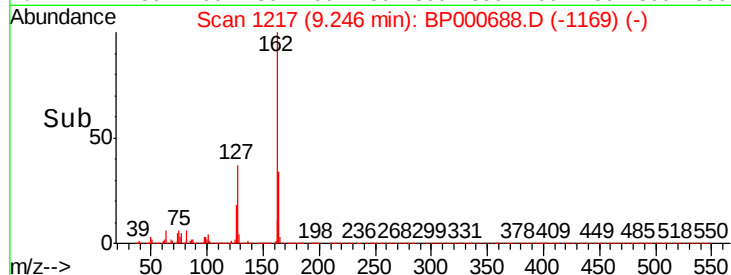
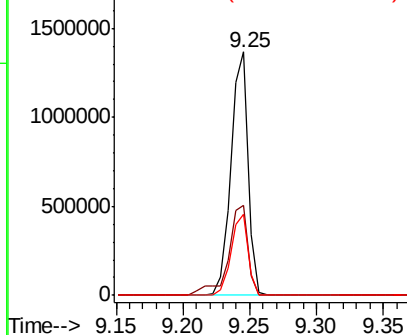
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.1  | 29.8  | 44.6  |
| 164     | 33.5  | 26.6  | 39.8  |

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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.565 ng

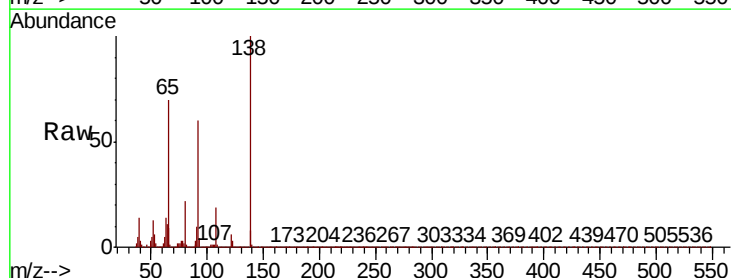
RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

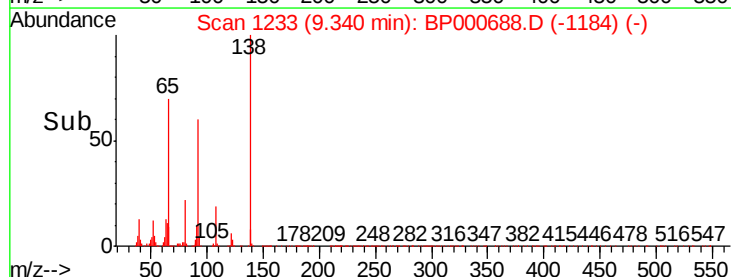
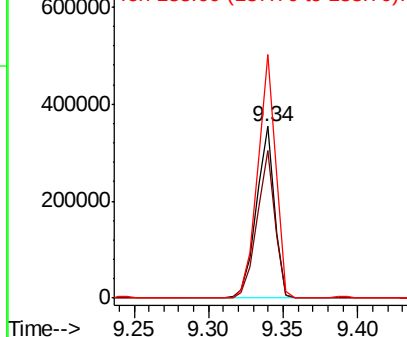
Lab File: BP000688.D

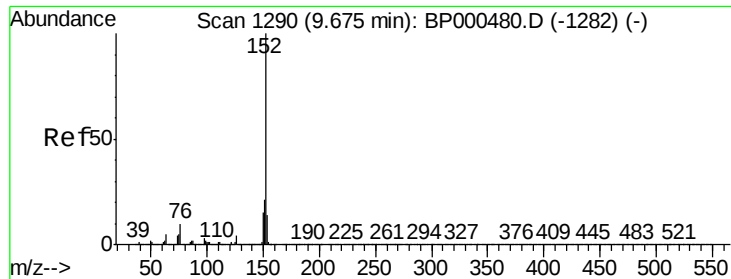
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 85.7  | 67.0  | 100.4 |
| 138     | 142.0 | 103.5 | 155.3 |



Abundance Ion 65.00 (64.70 to 65.70): BP0  
Ion 92.00 (91.70 to 92.70): BP0  
Ion 138.00 (137.70 to 138.70): E





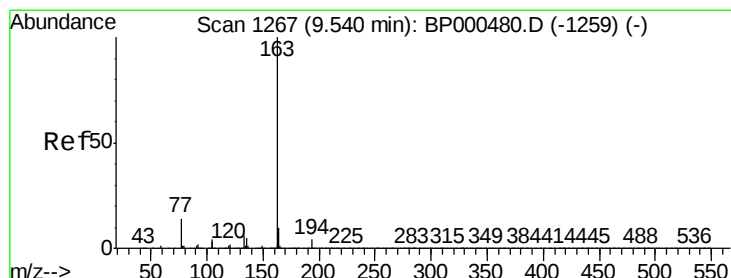
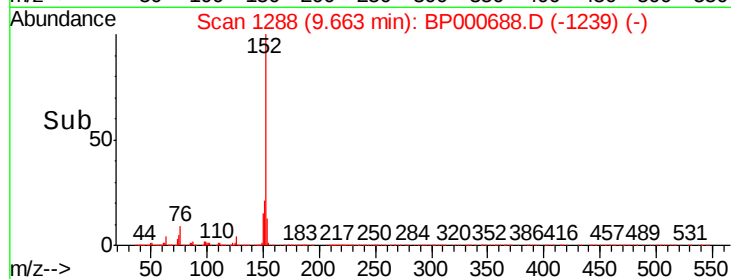
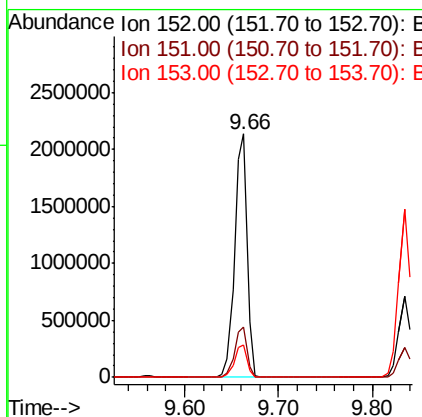
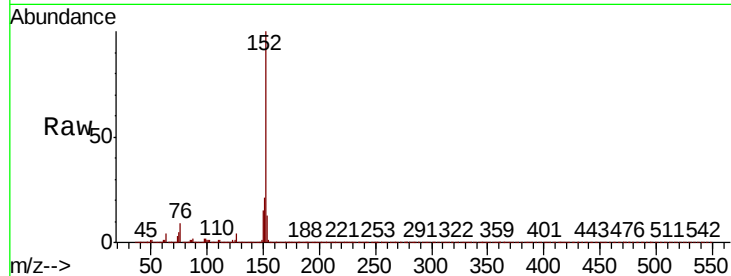
#49  
Acenaphthylene  
Concen: 49.656 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.6  | 25.0  |
| 153     | 13.2  | 11.0  | 16.6  |

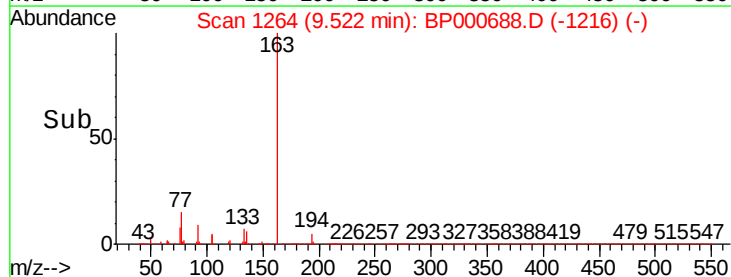
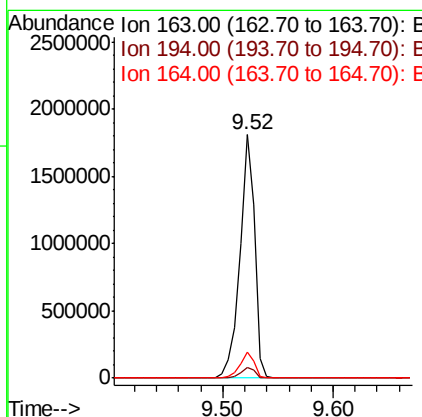
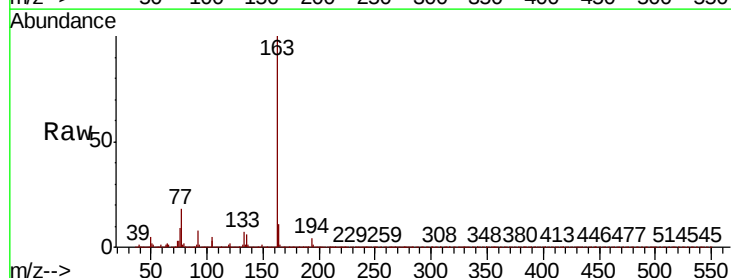
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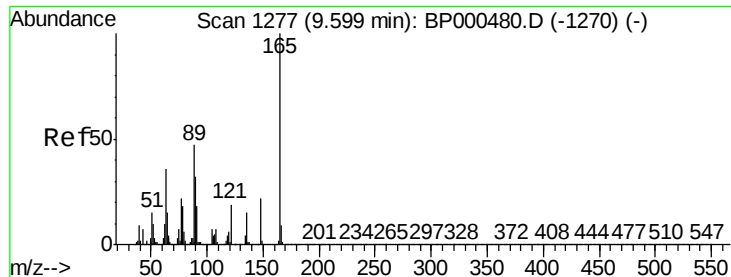
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#50  
Dimethylphthalate  
Concen: 54.817 ng  
RT: 9.52 min Scan# 1264  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.4   | 3.4   | 5.2   |
| 164     | 10.5  | 8.0   | 12.0  |





#51

2,6-Dinitrotoluene

Concen: 49.622 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

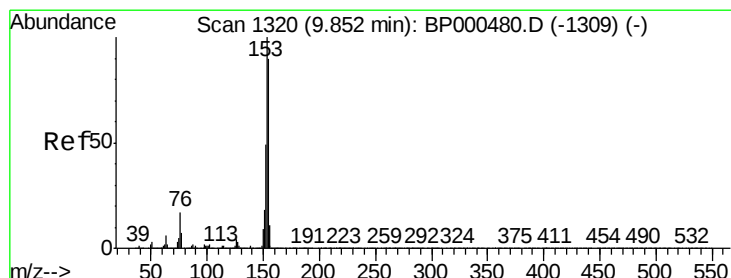
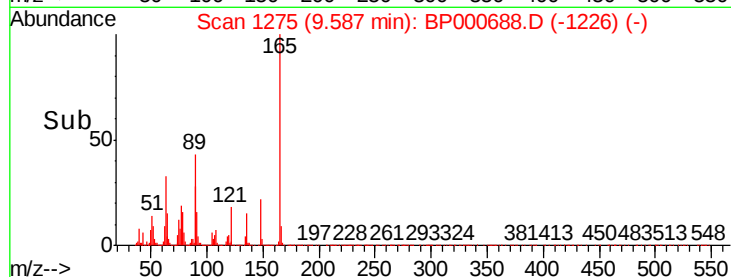
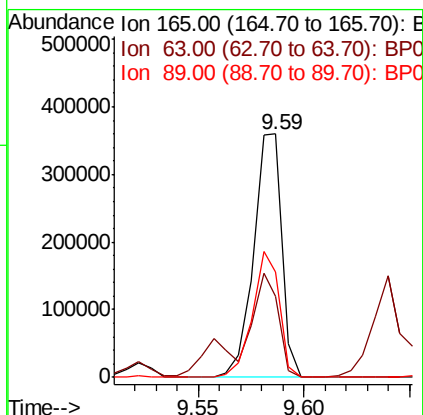
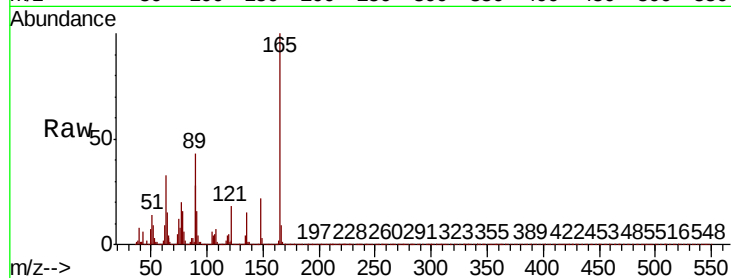
ClientSampleId :

20190879-COMPOSITE-KMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 335587 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 33.3  | 29.9  | 44.9   |
| 89        | 43.0  | 37.3  | 55.9   |

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#52

Acenaphthene

Concen: 47.023 ng

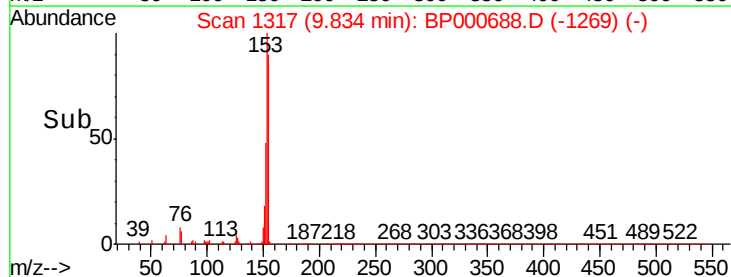
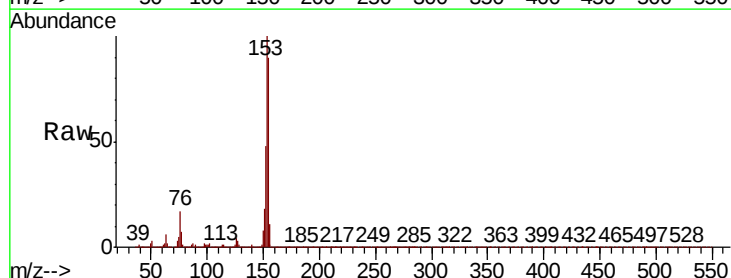
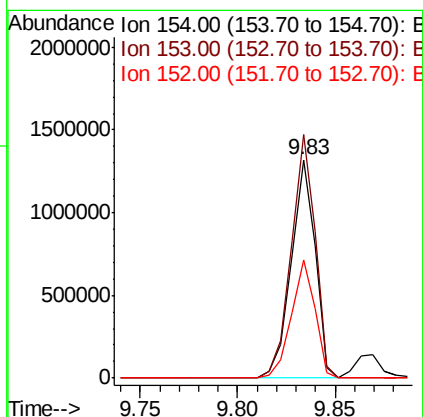
RT: 9.83 min Scan# 1317

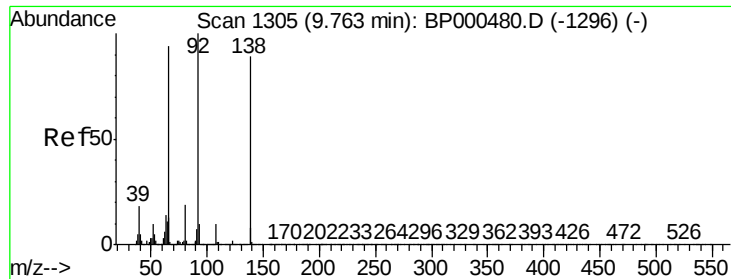
Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 154   | Resp: | 1121064 |
| Ion Ratio | Lower | Upper |         |
| 154       | 100   |       |         |
| 153       | 111.6 | 89.4  | 134.0   |
| 152       | 53.9  | 43.8  | 65.8    |





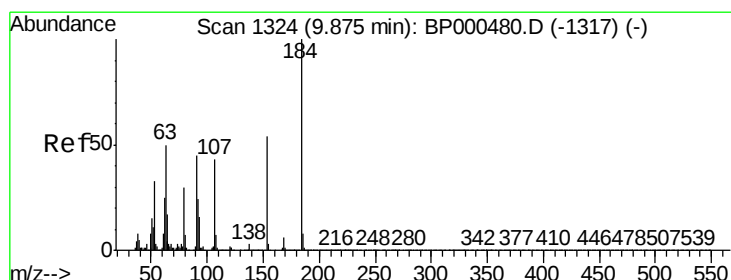
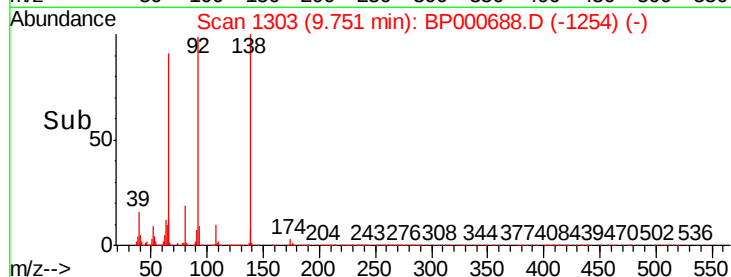
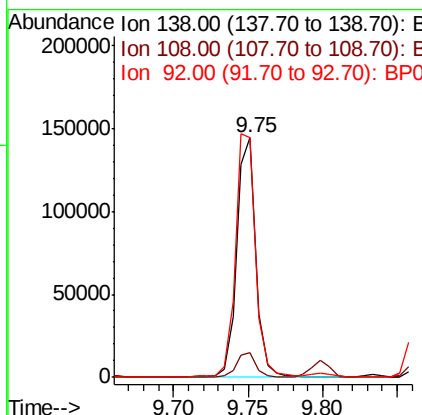
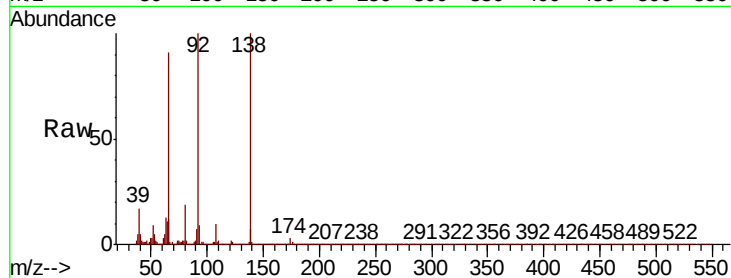
#53  
3-Nitroaniline  
Concen: 16.641 ng  
RT: 9.75 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 8.8   | 13.2  |
| 92      | 100.3 | 90.4  | 135.6 |

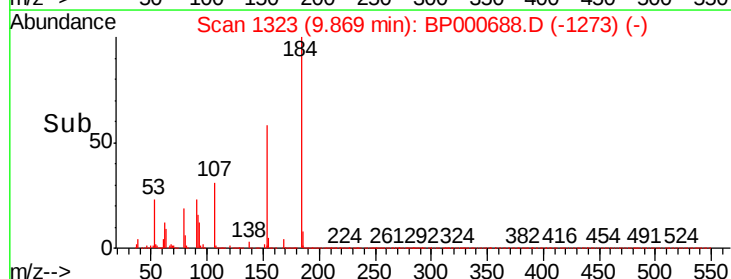
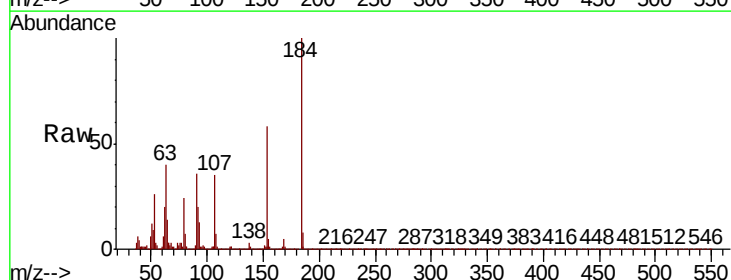
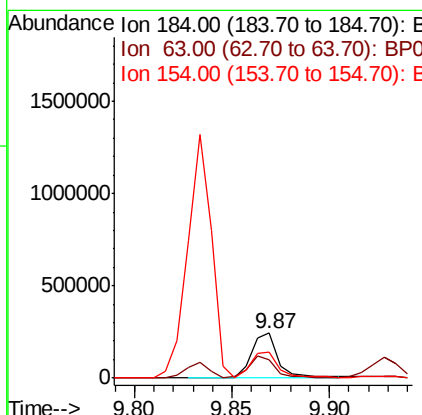
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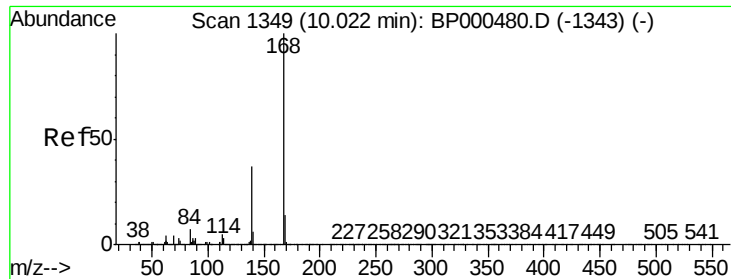
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#54  
2,4-Dinitrophenol  
Concen: 103.539 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 40.0  | 41.0  | 61.4# |
| 154     | 58.3  | 49.8  | 74.8  |





#55

Dibenzofuran

Concen: 48.888 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:168 Resp: 1742309

Ion Ratio Lower Upper

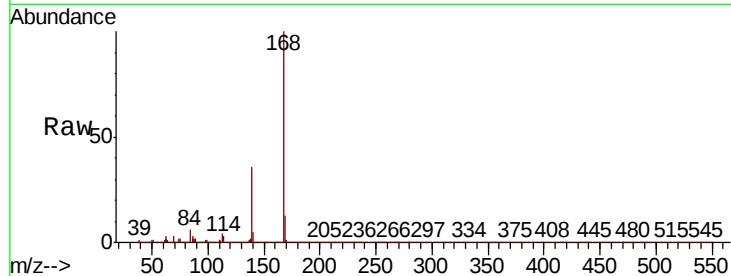
168 100

139 36.0 29.5 44.3

169 13.4 11.1 16.7

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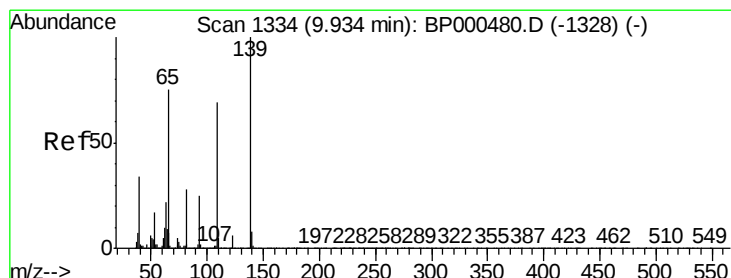
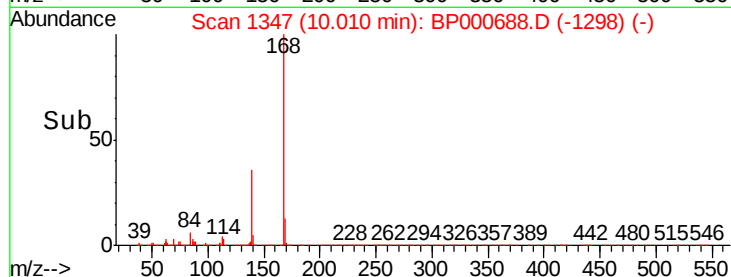
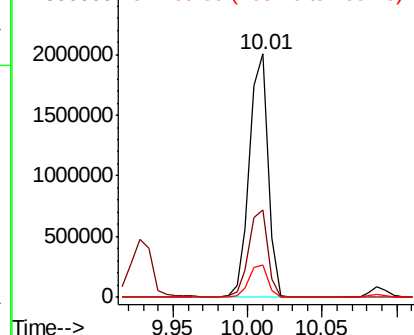


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 97.946 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

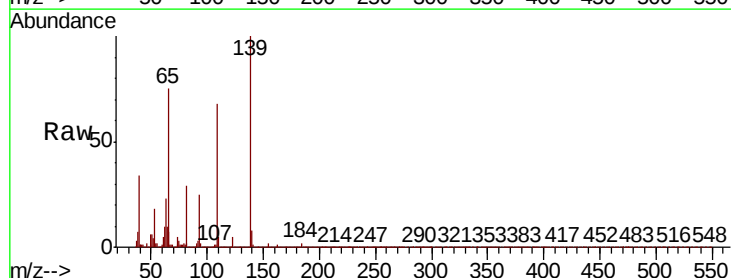
Tgt Ion:139 Resp: 484574

Ion Ratio Lower Upper

139 100

109 67.9 48.6 88.6

65 74.9 55.3 95.3

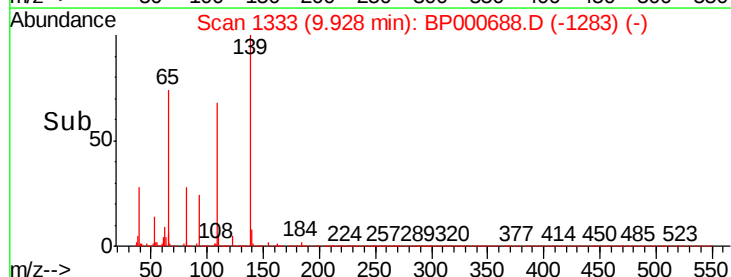
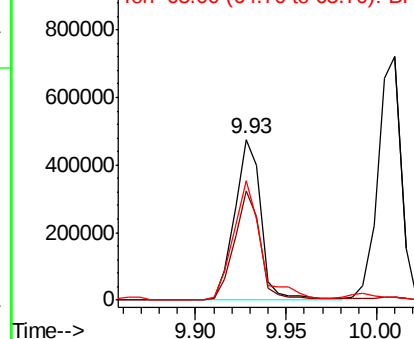


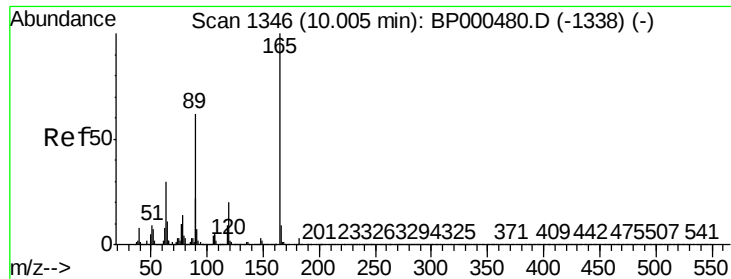
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





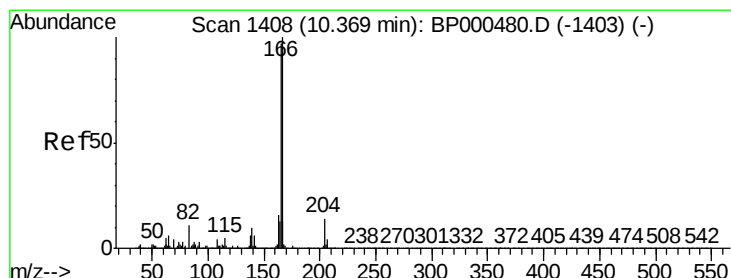
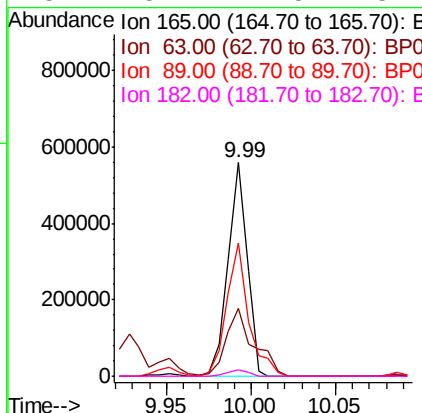
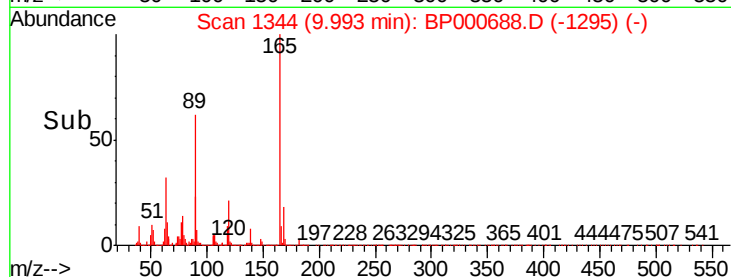
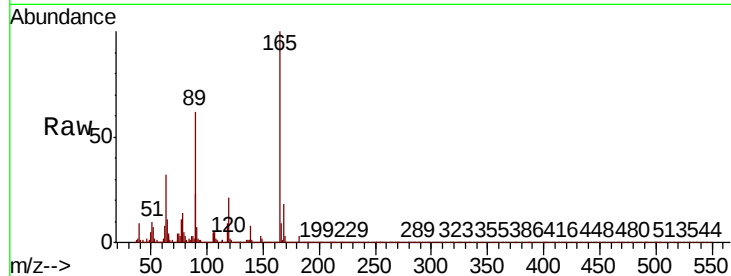
#57  
2,4-Dinitrotoluene  
Concen: 49.209 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 32.0  | 24.2  | 36.4  |
| 89      | 62.1  | 49.4  | 74.0  |
| 182     | 3.1   | 2.5   | 3.7   |

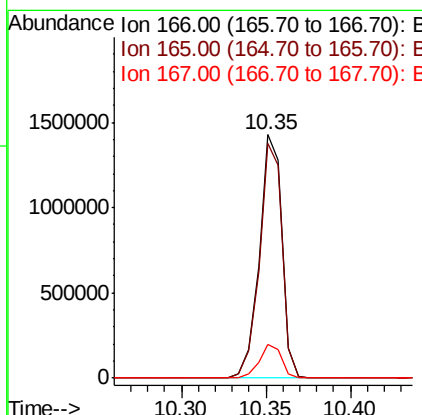
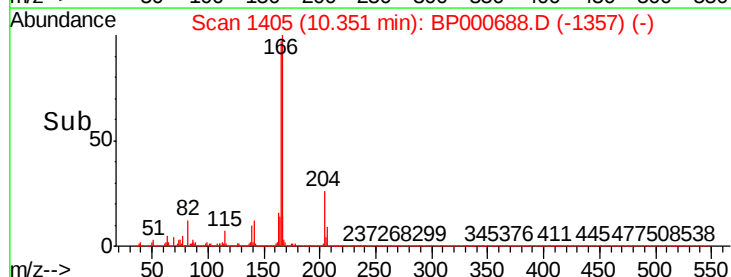
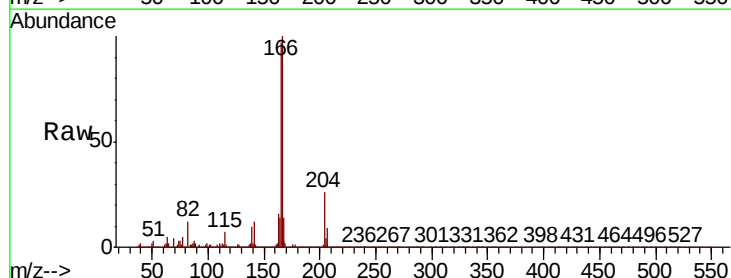
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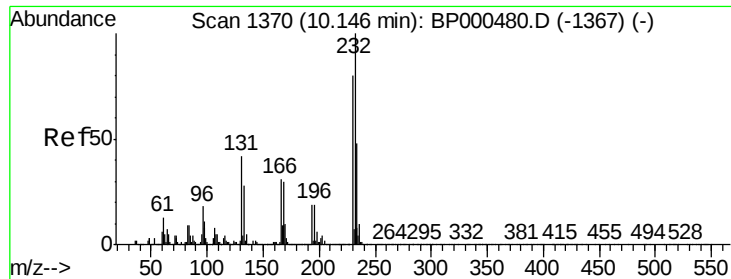
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#58  
Fluorene  
Concen: 51.930 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.6  | 77.3  | 115.9 |
| 167     | 13.6  | 10.6  | 16.0  |





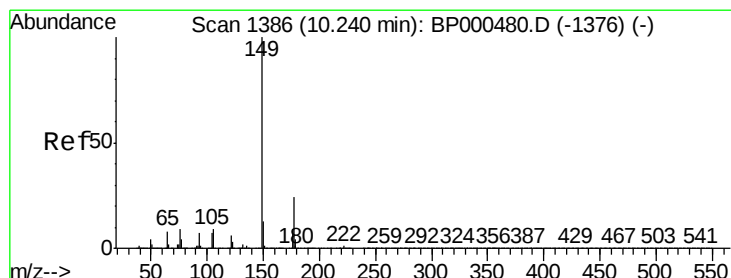
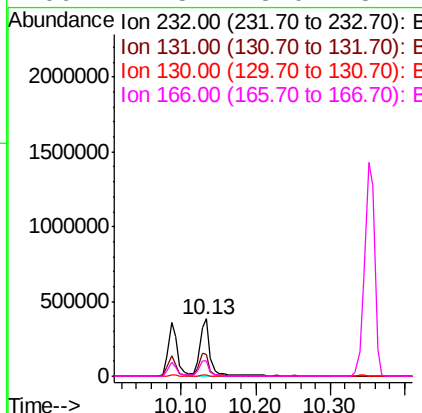
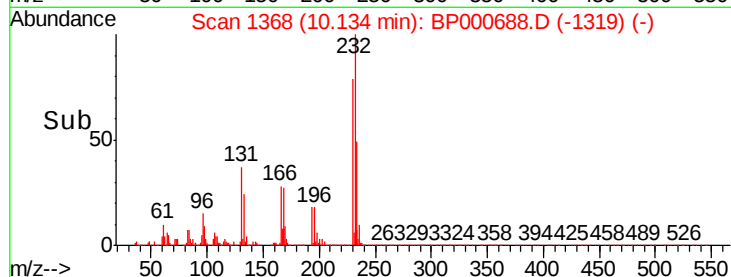
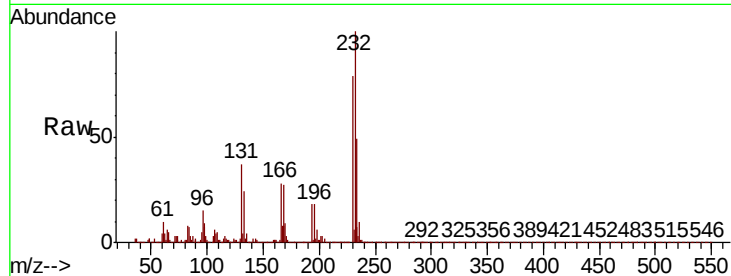
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.793 ng  
RT: 10.13 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 232     | 100  |       |      |       |       |
| 131     | 39.2 | 32.1  | 48.1 |       |       |
| 130     | 1.9  | 1.6   | 2.4  |       |       |
| 166     | 27.8 | 23.0  | 34.4 |       |       |

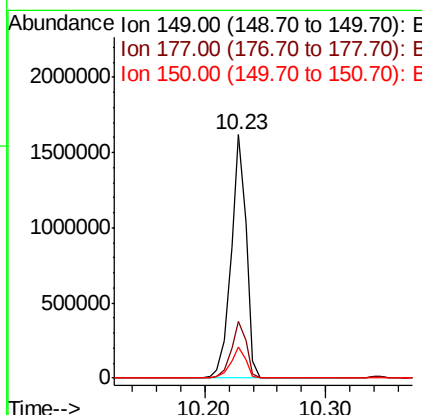
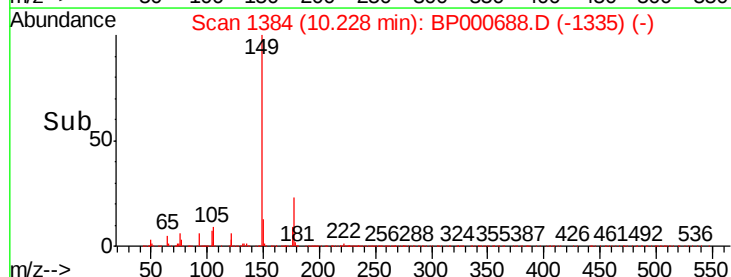
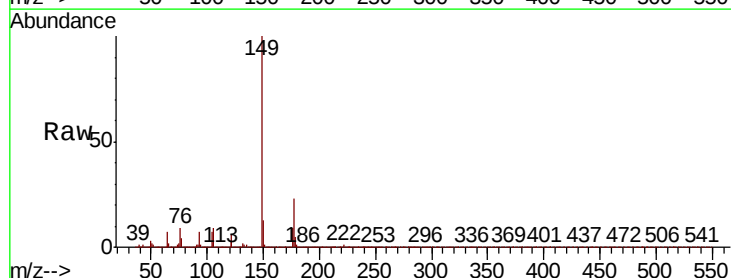
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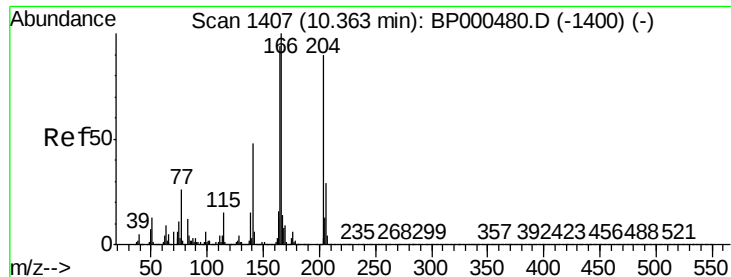
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#60  
Diethylphthalate  
Concen: 47.416 ng  
RT: 10.23 min Scan# 1384  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 149     | 100  |       |      |       |       |
| 177     | 23.2 | 19.0  | 28.6 |       |       |
| 150     | 12.9 | 10.8  | 16.2 |       |       |





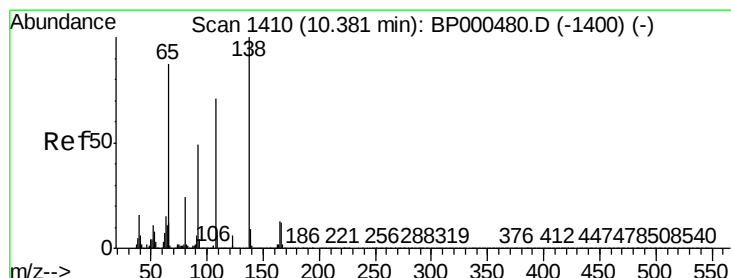
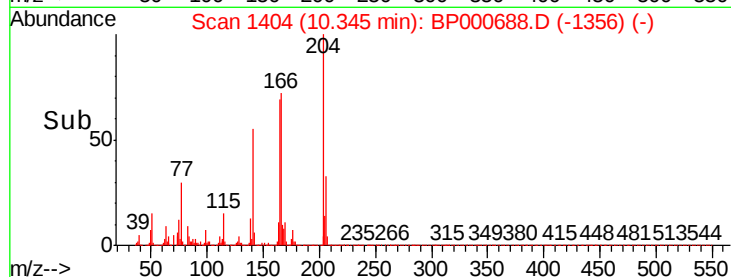
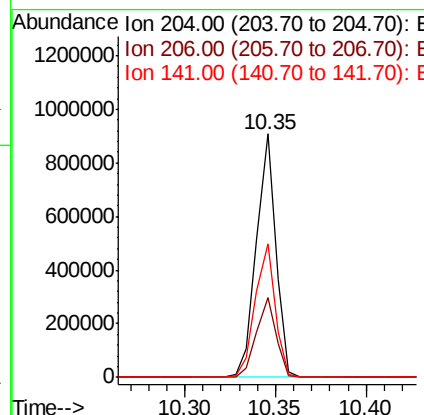
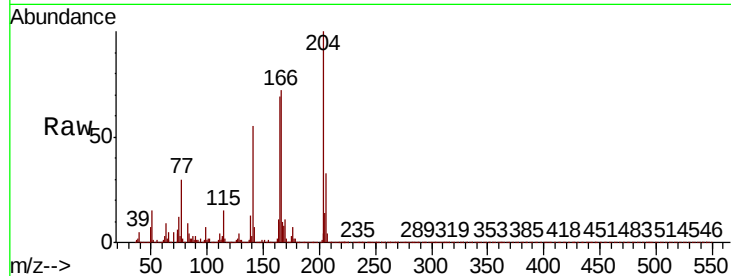
#61  
4-Chlorophenyl-phenylether  
Concen: 49.736 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 25.8  | 38.8  |
| 141     | 54.9  | 42.8  | 64.2  |

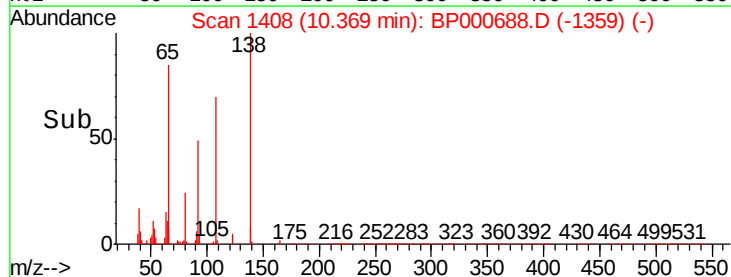
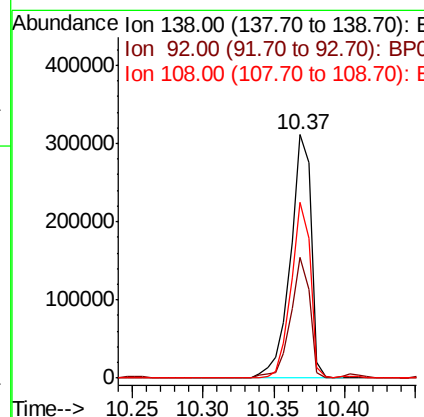
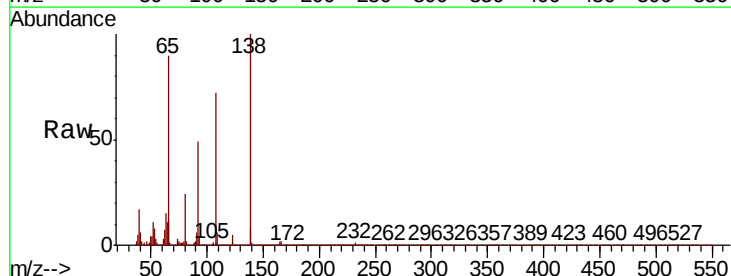
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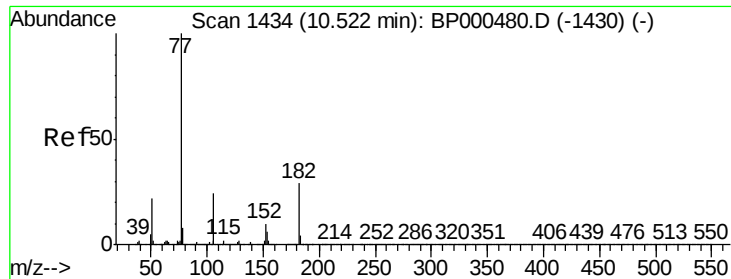
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#62  
4-Nitroaniline  
Concen: 42.730 ng  
RT: 10.37 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.3  | 28.7  | 68.7  |
| 108     | 72.0  | 50.6  | 90.6  |





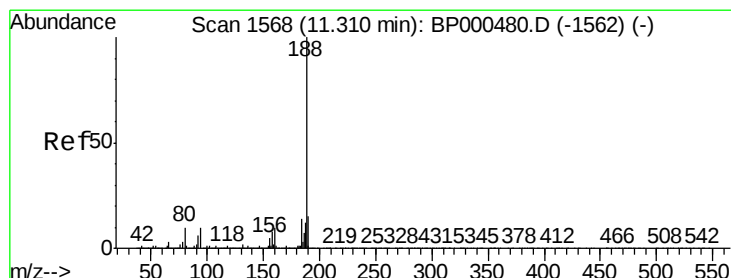
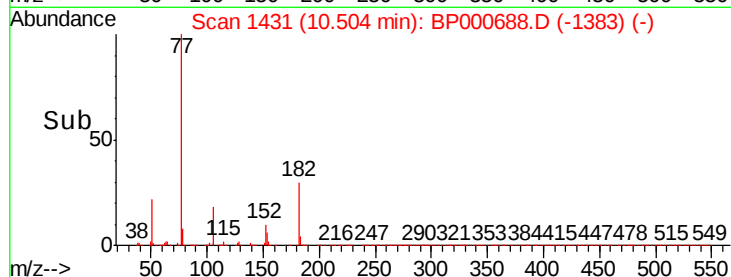
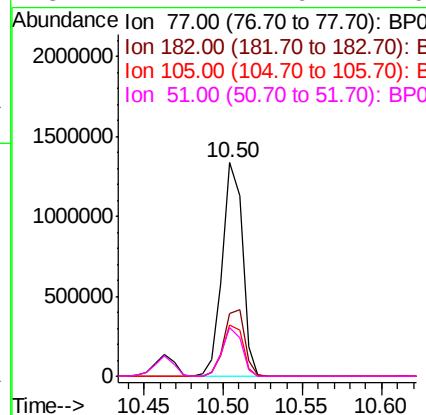
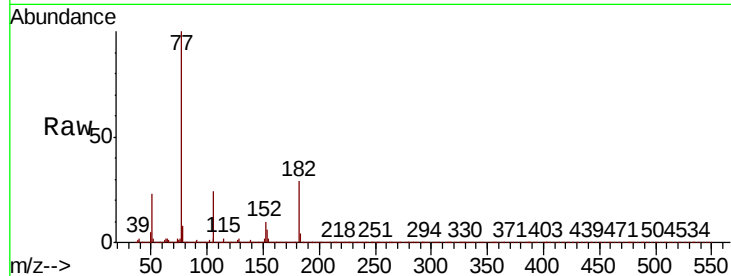
#63  
Azobenzene  
Concen: 52.430 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 29.1 | 9.0   | 49.0  |       |
| 105     | 23.9 | 3.8   | 43.8  |       |
| 51      | 22.7 | 1.9   | 41.9  |       |

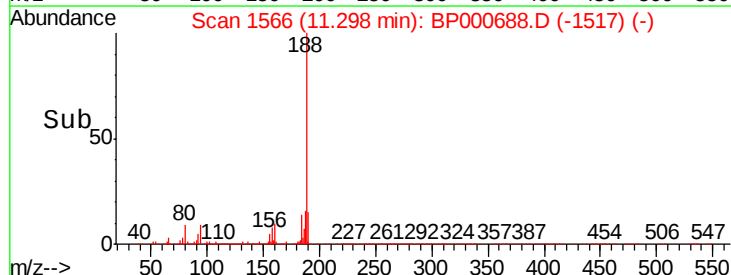
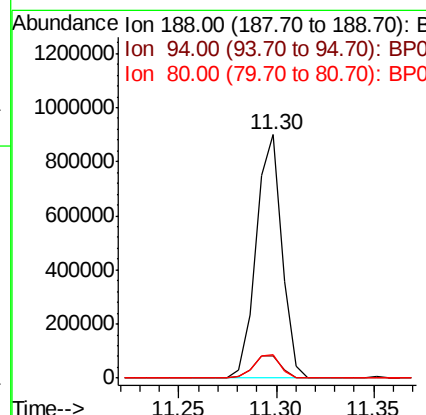
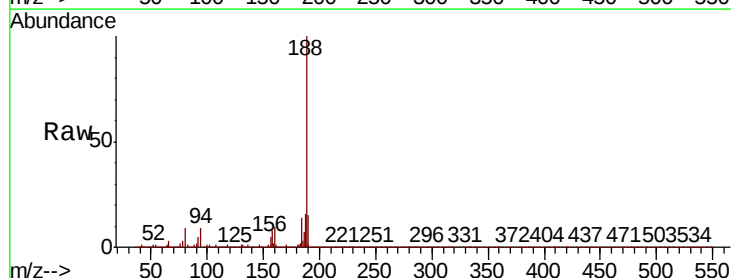
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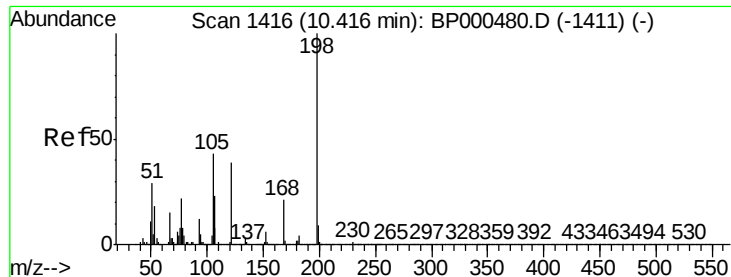
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 9.3 | 8.2   | 12.2  |       |
| 80      | 9.4 | 8.3   | 12.5  |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 54.097 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

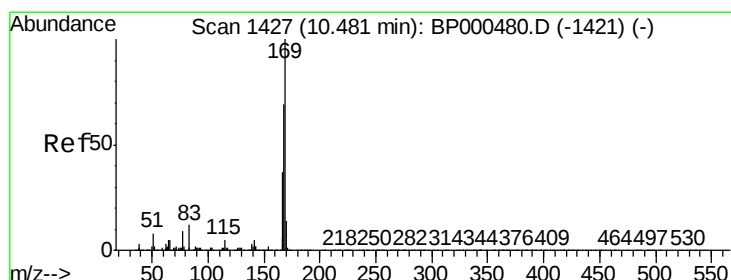
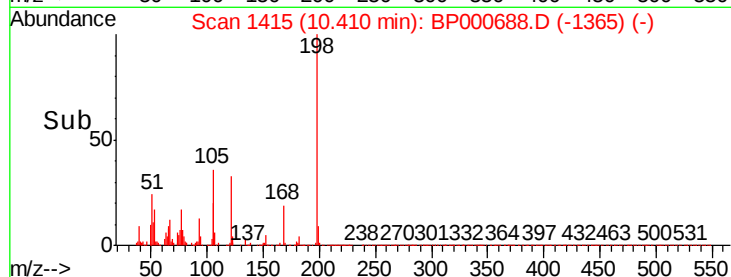
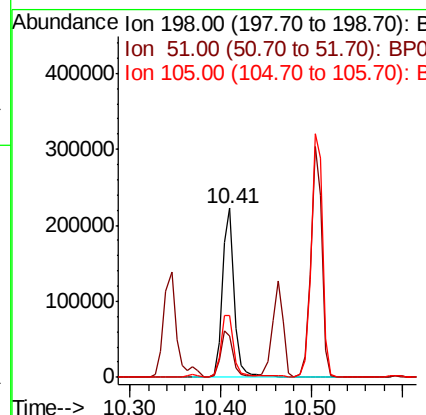
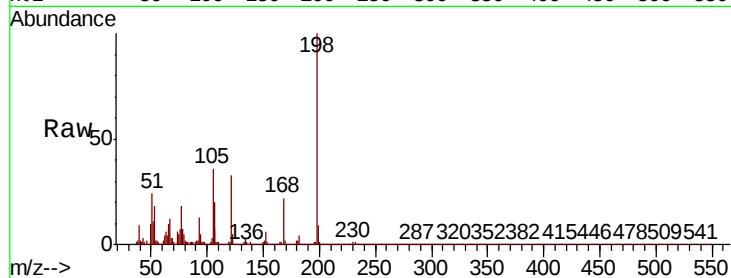
ClientSampleId :

20190879-COMPOSITE-KMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 195890 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 24.1  | 12.8  | 52.8   |
| 105       | 36.3  | 24.0  | 64.0   |

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#66

n-Nitrosodiphenylamine

Concen: 51.179 ng

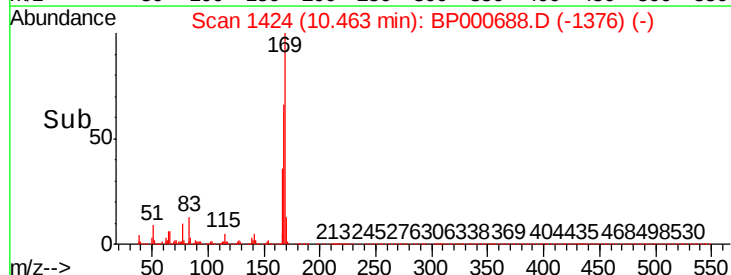
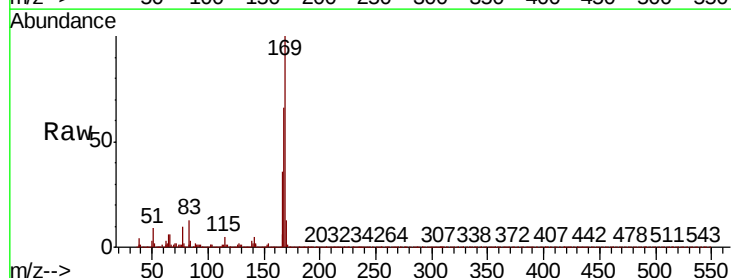
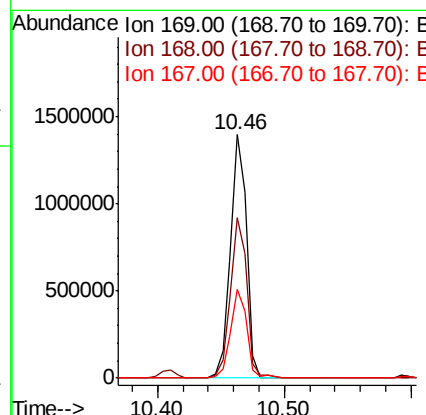
RT: 10.46 min Scan# 1424

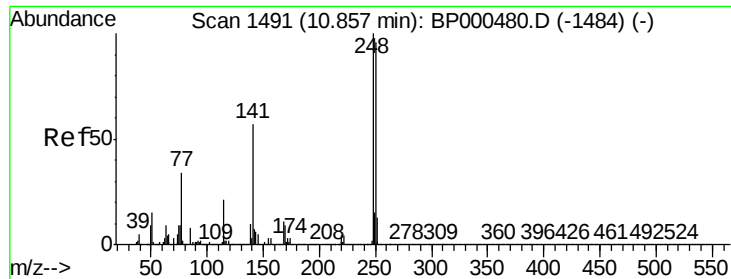
Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 169   | Resp: | 1217628 |
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 66.1  | 55.4  | 83.2    |
| 167       | 36.3  | 29.4  | 44.2    |





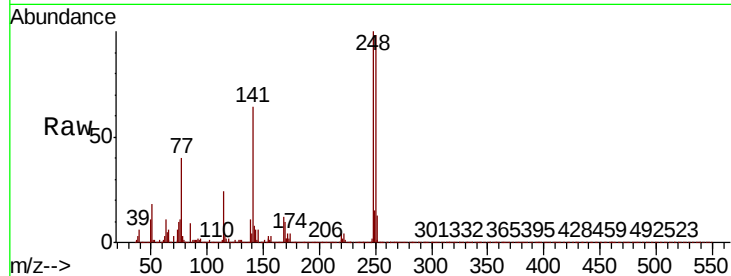
#67  
4-Bromophenyl-phenylether  
Concen: 47.787 ng  
RT: 10.84 min Scan# 1488  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.9  | 77.2  | 115.8 |
| 141     | 64.3  | 45.3  | 67.9  |

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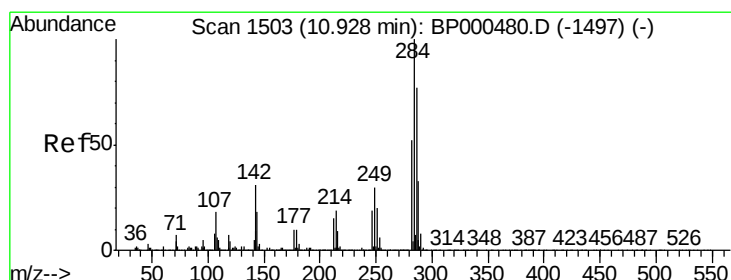
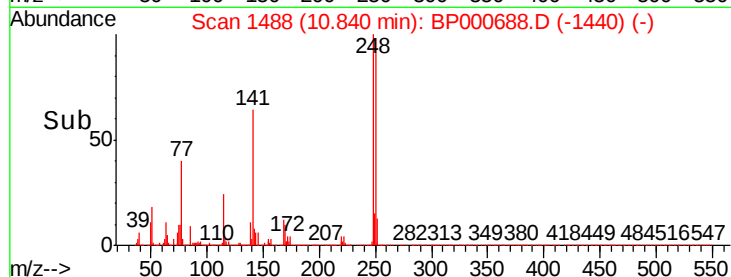
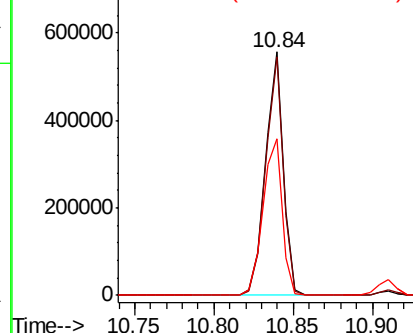


Abundance

Ion 248.00 (247.70 to 248.70): E

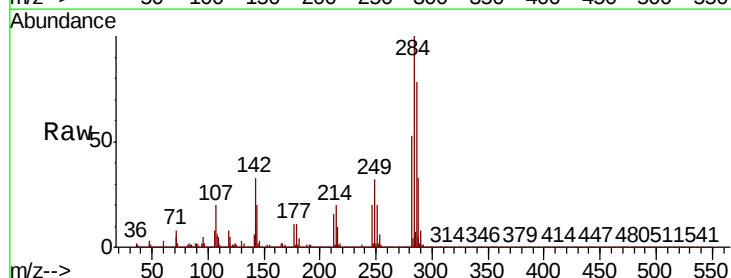
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 45.532 ng  
RT: 10.91 min Scan# 1500  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.2  | 24.6  | 37.0  |
| 249     | 31.7  | 24.1  | 36.1  |

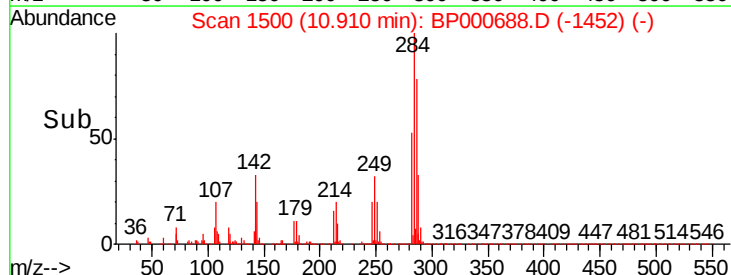
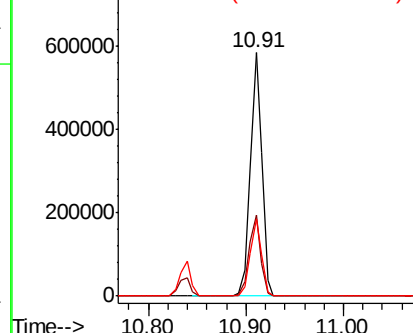


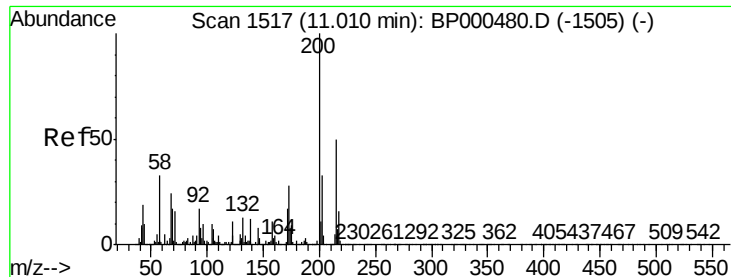
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





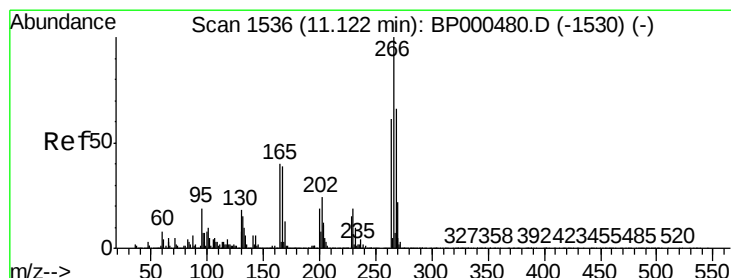
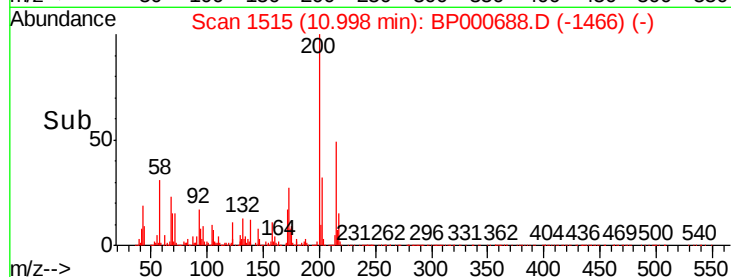
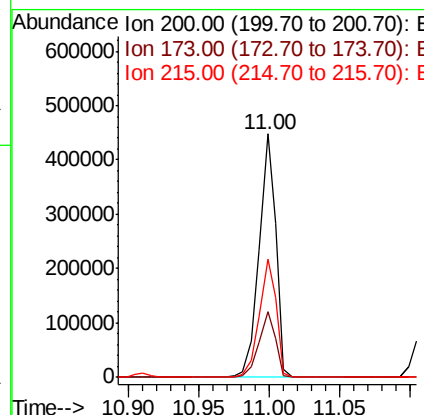
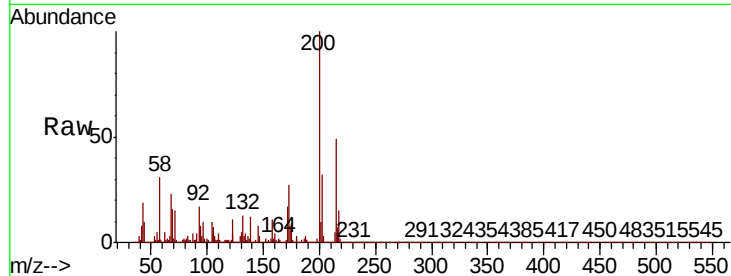
#69  
Atrazine  
Concen: 48.005 ng  
RT: 11.00 min Scan# 1515  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.0  | 7.6        | 47.6  |
| 215     | 48.5  | 29.5       | 69.5  |

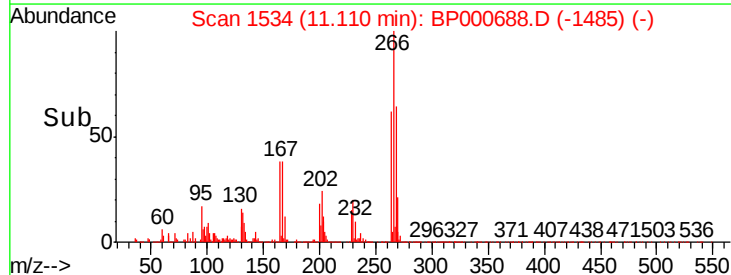
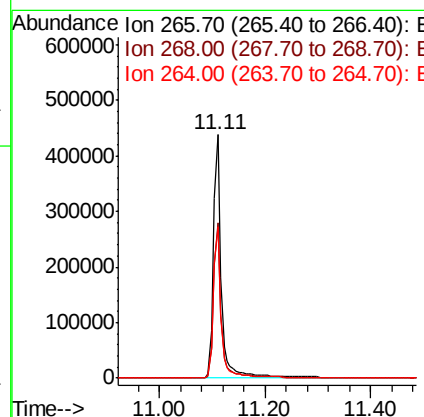
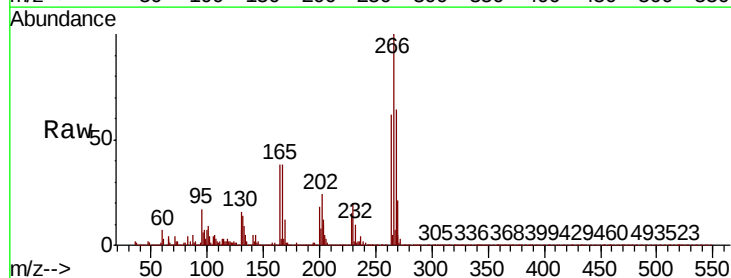
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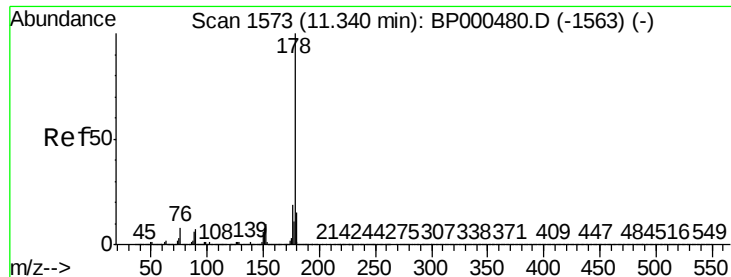
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#70  
Pentachlorophenol  
Concen: 108.495 ng  
RT: 11.11 min Scan# 1534  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.9  | 53.2       | 79.8  |
| 264     | 62.2  | 49.0       | 73.4  |





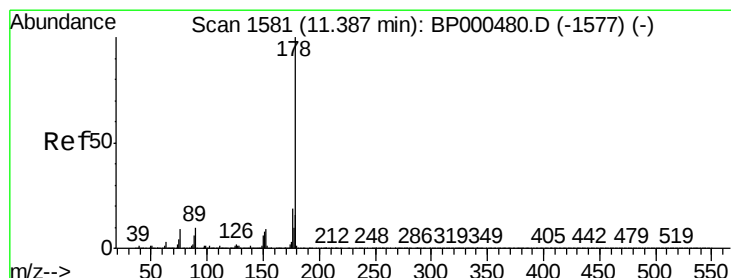
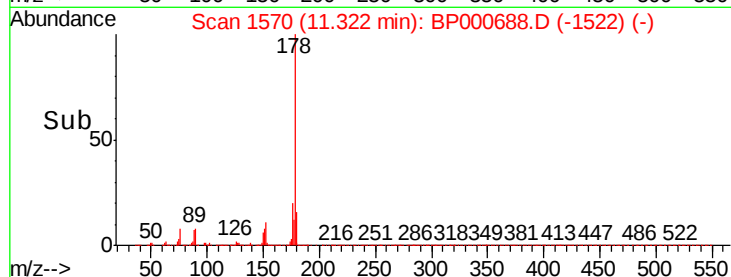
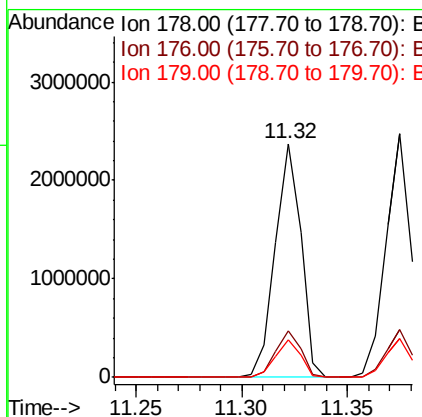
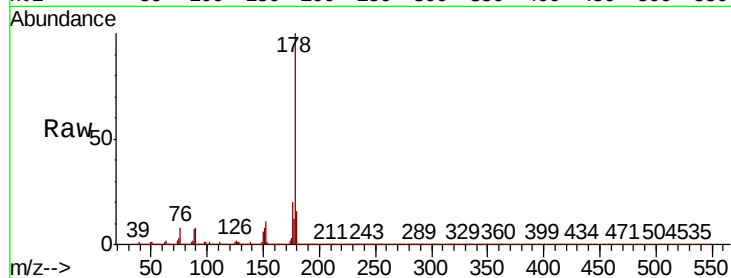
#71  
Phenanthrene  
Concen: 49.196 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. -0.02 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.4  | 23.2  |
| 179     | 16.0  | 12.2  | 18.4  |

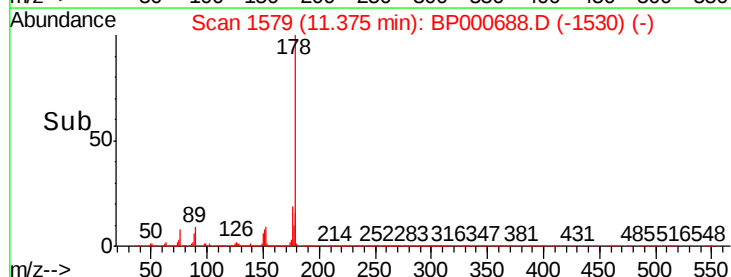
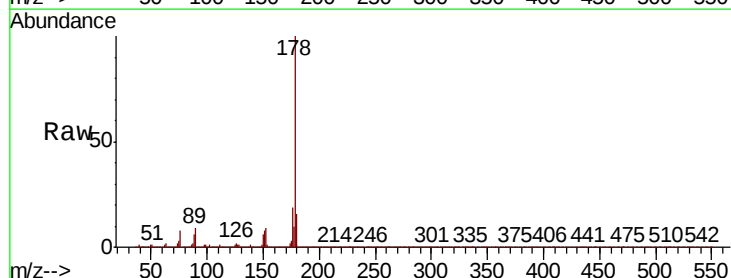
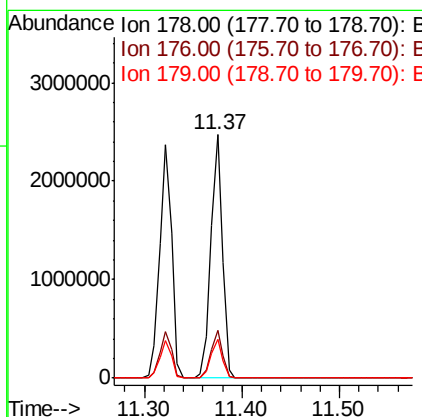
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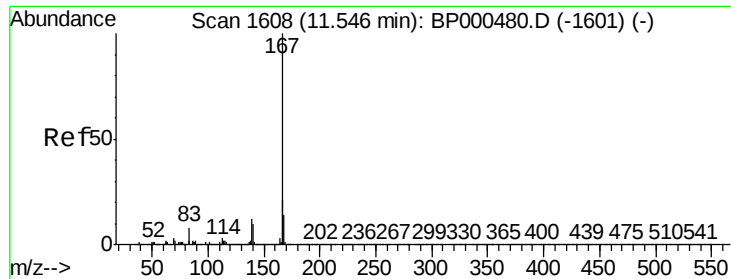
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#72  
Anthracene  
Concen: 50.135 ng  
RT: 11.37 min Scan# 1579  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.4  | 23.0  |
| 179     | 16.0  | 12.6  | 19.0  |





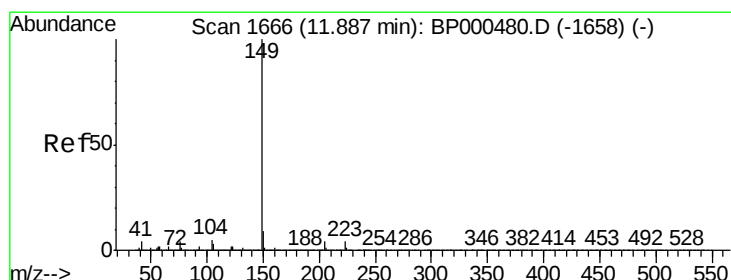
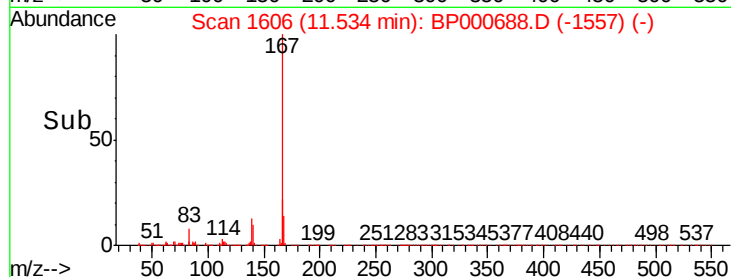
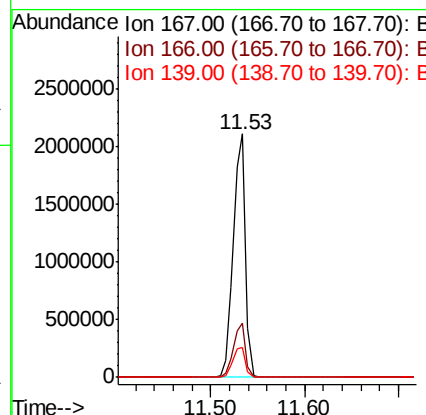
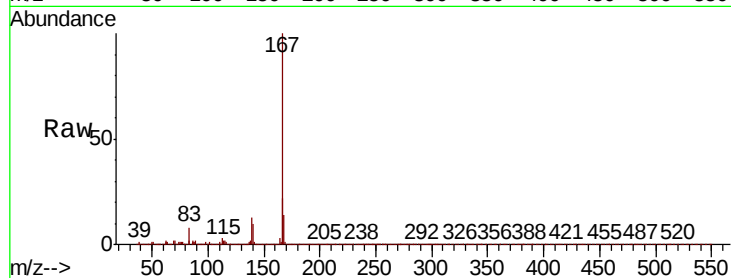
#73  
 Carbazole  
 Concen: 50.038 ng  
 RT: 11.53 min Scan# 1606  
 Delta R.T. -0.01 min  
 Lab File: BP000688.D  
 Acq: 12 Oct 2019 23:36

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 16.9  | 25.3  |
| 139     | 12.5  | 9.7   | 14.5  |

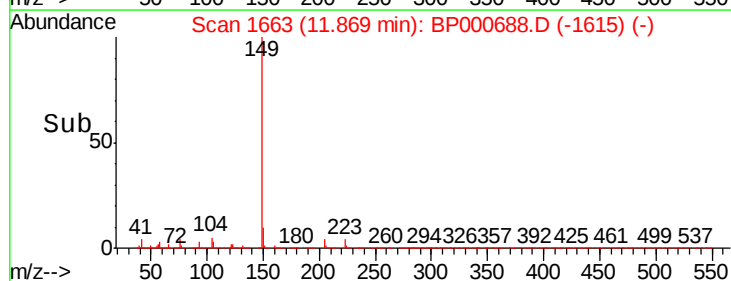
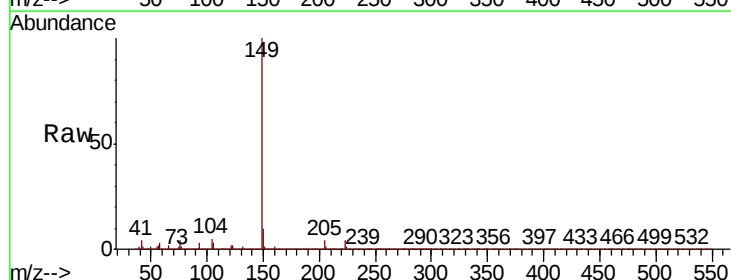
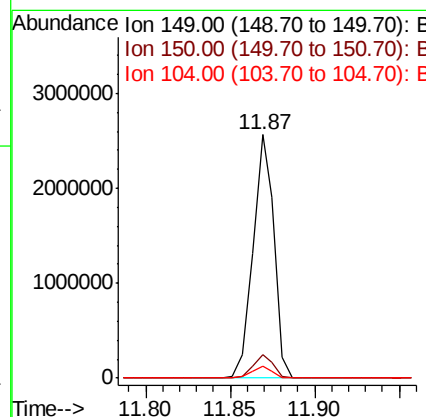
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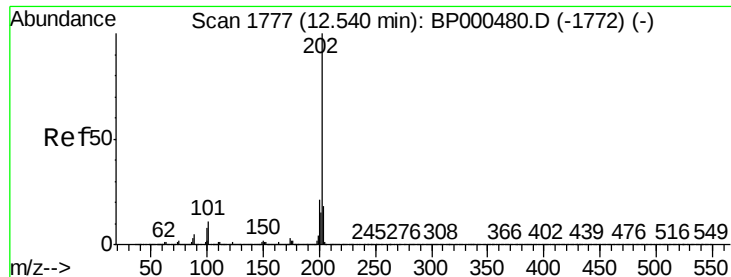
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#74  
 Di-n-butylphthalate  
 Concen: 48.334 ng  
 RT: 11.87 min Scan# 1663  
 Delta R.T. -0.02 min  
 Lab File: BP000688.D  
 Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.4   | 11.2  |
| 104     | 4.8   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 48.813 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

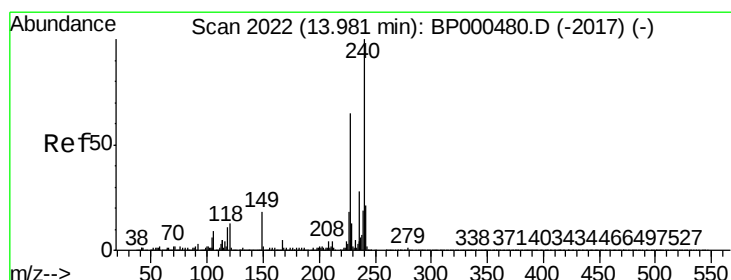
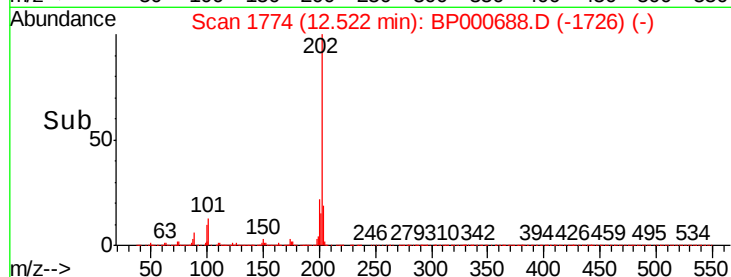
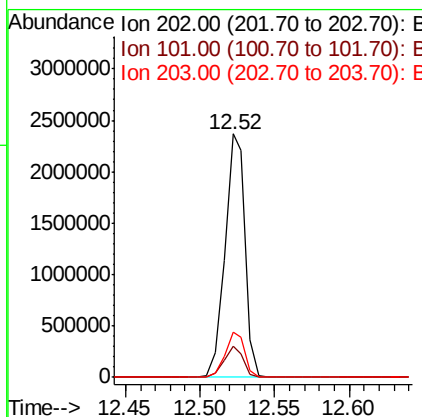
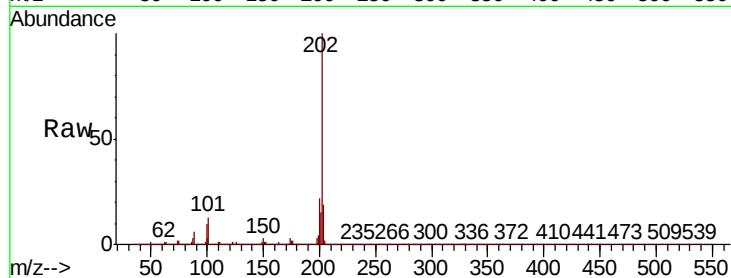
ClientSampleId :

20190879-COMPOSITE-KMSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 2249106 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 12.8  | 0.0   | 31.3    |
| 203       | 18.5  | 0.0   | 38.1    |

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#76

Chrysene-d12

Concen: 20.000 ng

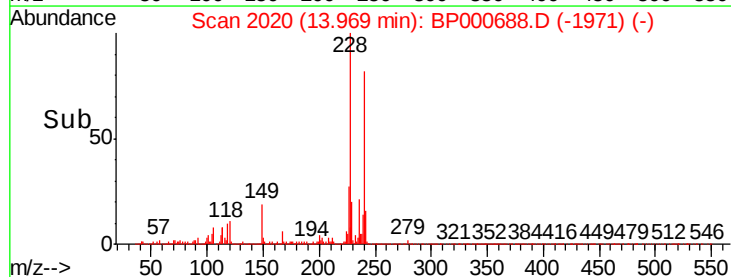
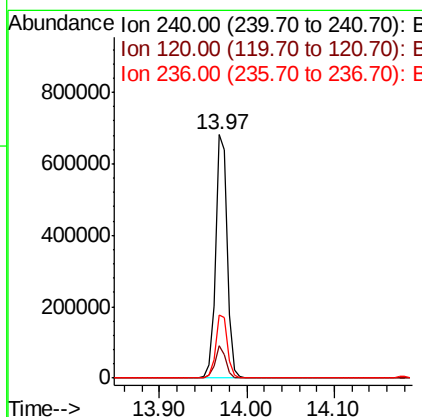
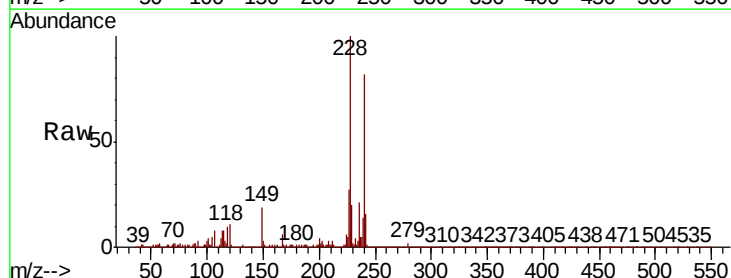
RT: 13.97 min Scan# 2020

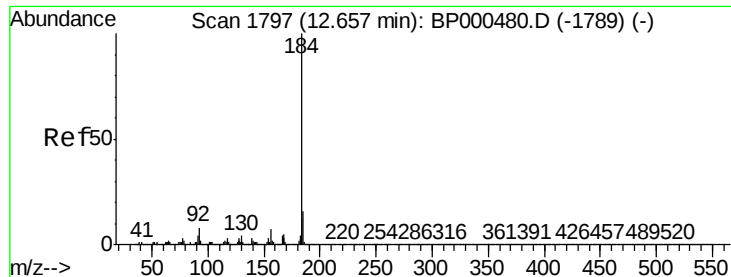
Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 627941 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.3  | 10.1  | 15.1   |
| 236       | 26.2  | 22.7  | 34.1   |





#77

Benzidine

Concen: 44.453 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

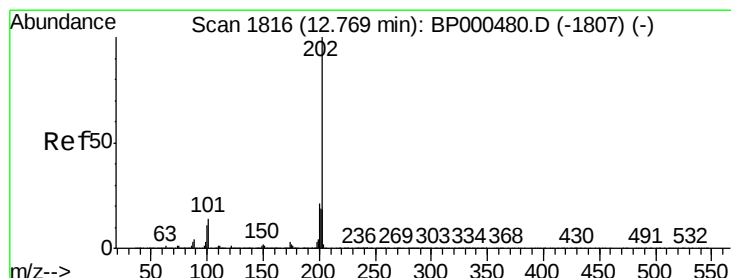
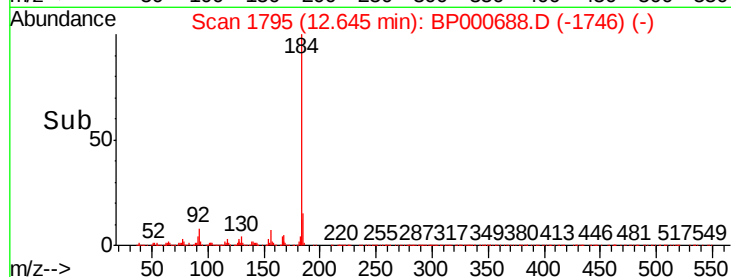
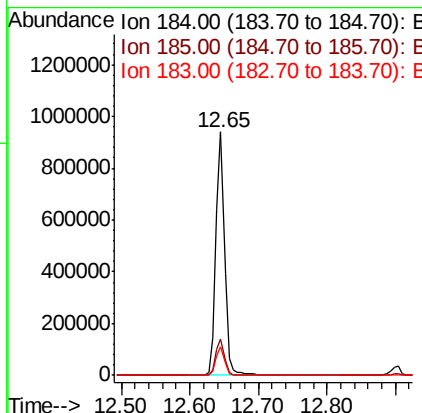
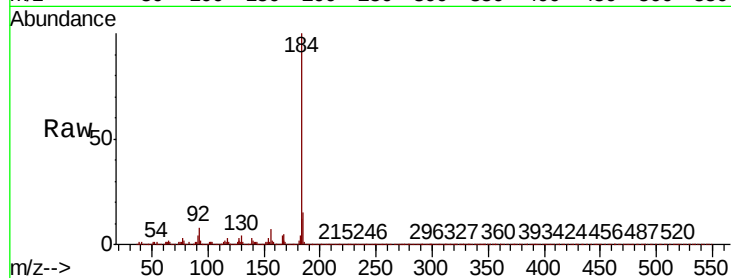
ClientSampleId :

20190879-COMPOSITE-KMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 808309 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.9  | 12.7  | 19.1   |
| 183       | 11.6  | 9.7   | 14.5   |

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#78

Pyrene

Concen: 52.974 ng

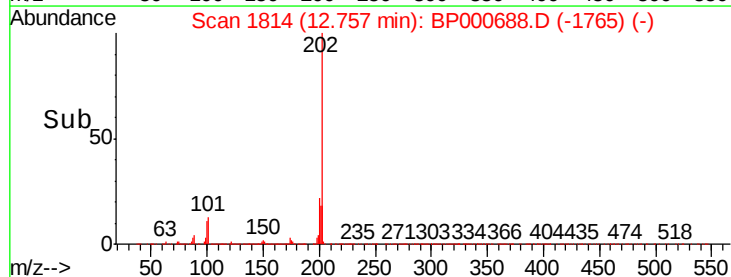
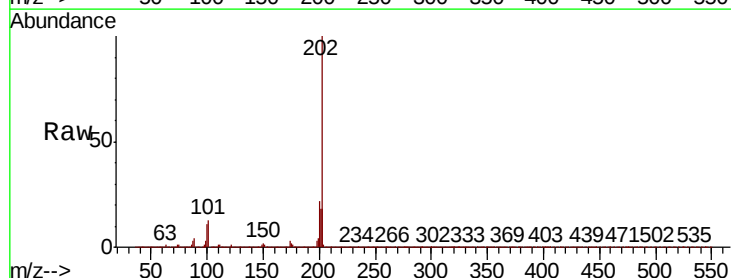
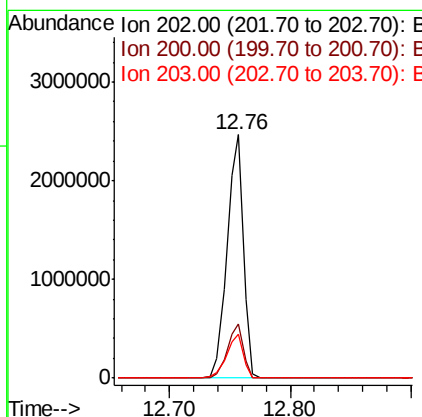
RT: 12.76 min Scan# 1814

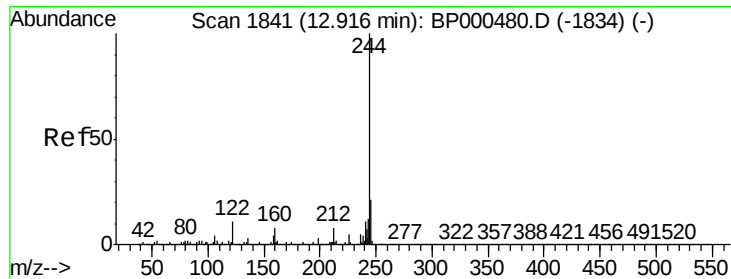
Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 2294228 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 22.1  | 17.1  | 25.7    |
| 203       | 17.9  | 14.6  | 21.8    |





#79

Terphenyl-d14

Concen: 83.788 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:244 Resp: 2598562

Ion Ratio Lower Upper

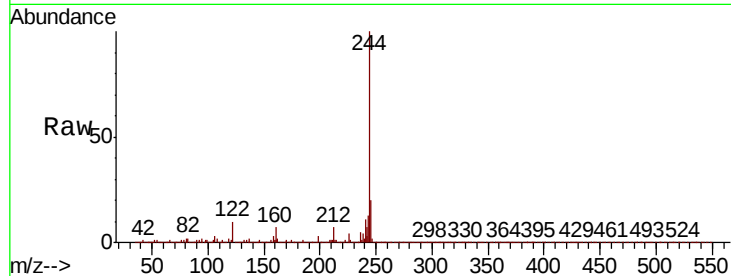
244 100

212 7.2 6.0 9.0

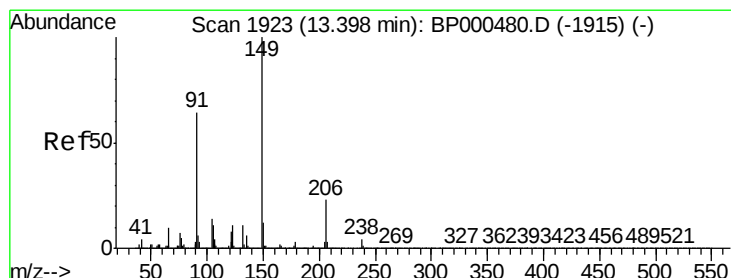
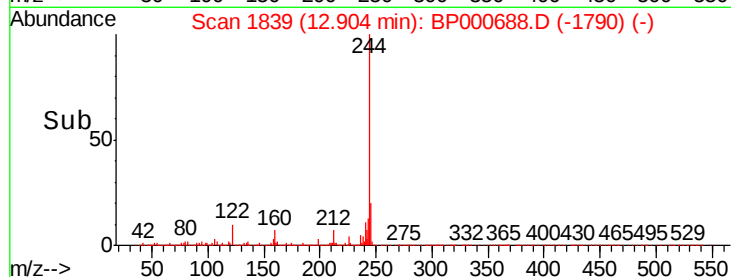
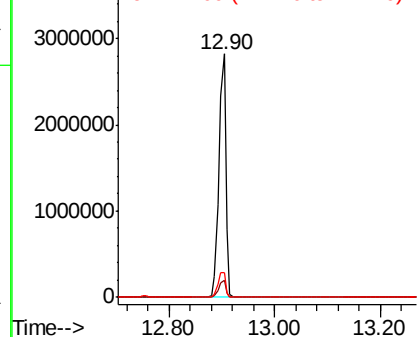
122 10.0 8.9 13.3

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.741 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

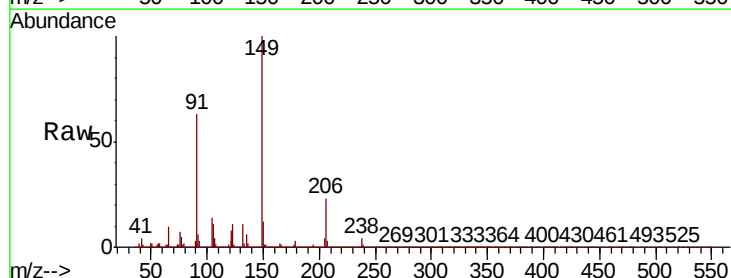
Tgt Ion:149 Resp: 976459

Ion Ratio Lower Upper

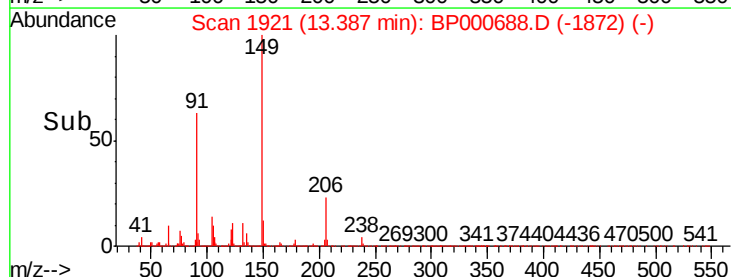
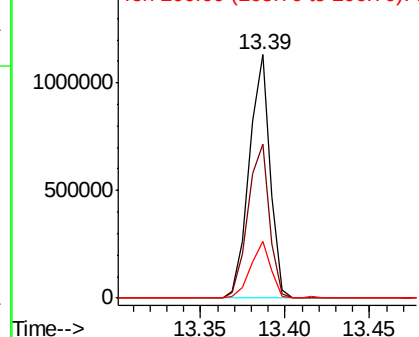
149 100

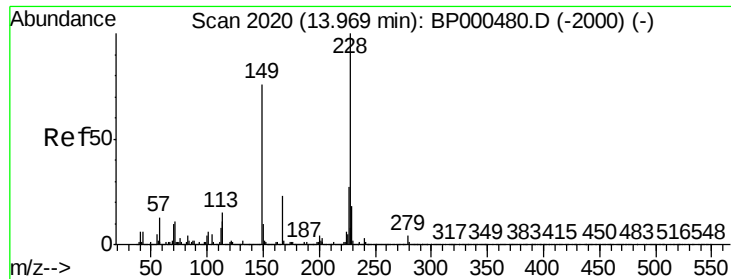
91 63.3 51.0 76.4

206 23.3 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BP0  
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.171 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

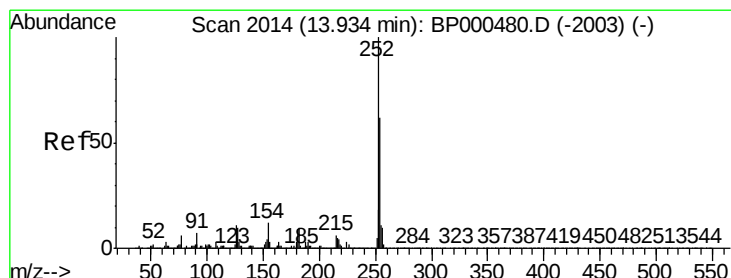
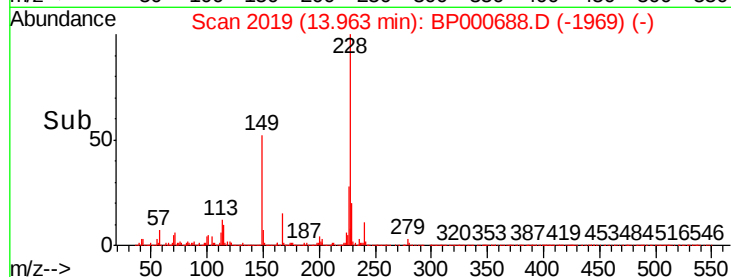
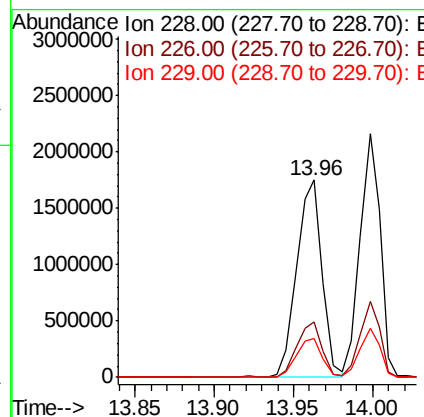
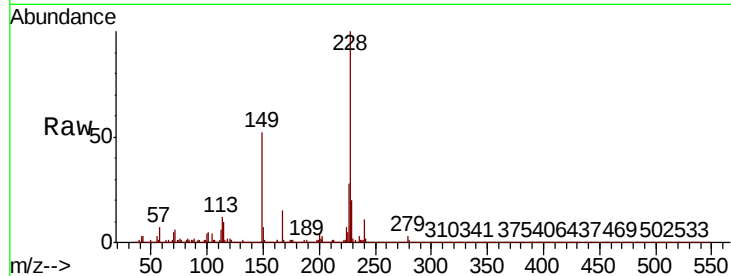
ClientSampleId :

20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.0  | 21.4  | 32.2  |
| 229     | 19.6  | 14.7  | 22.1  |

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#82

3,3'-Dichlorobenzidine

Concen: 36.681 ng

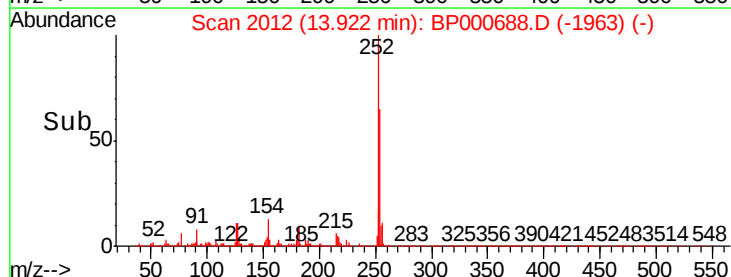
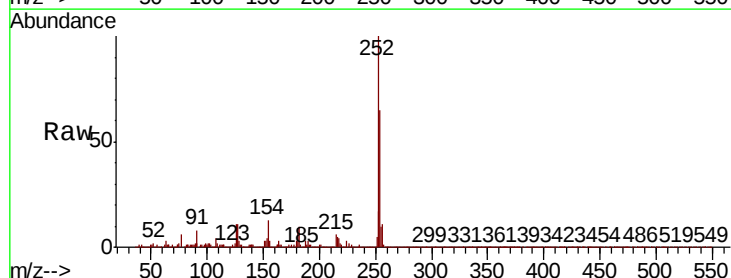
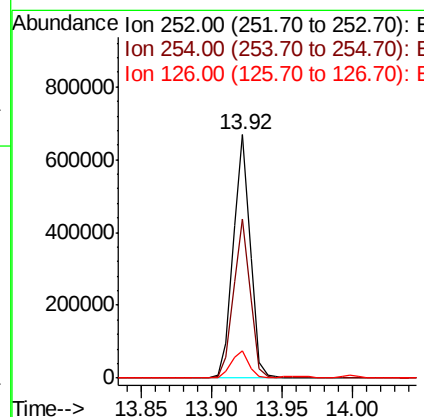
RT: 13.92 min Scan# 2012

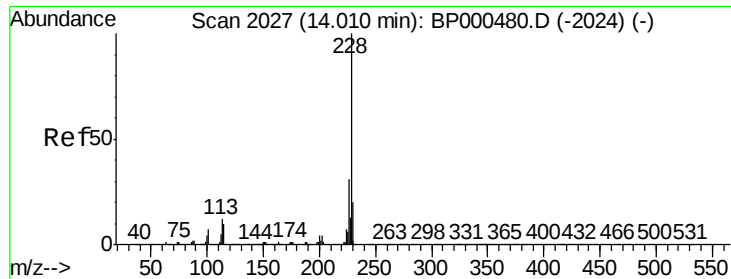
Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.2  | 49.8  | 74.8  |
| 126     | 11.2  | 8.9   | 13.3  |





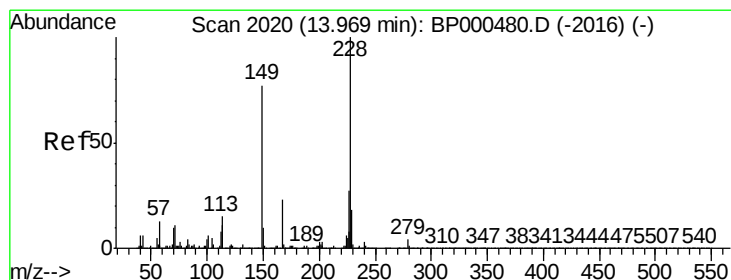
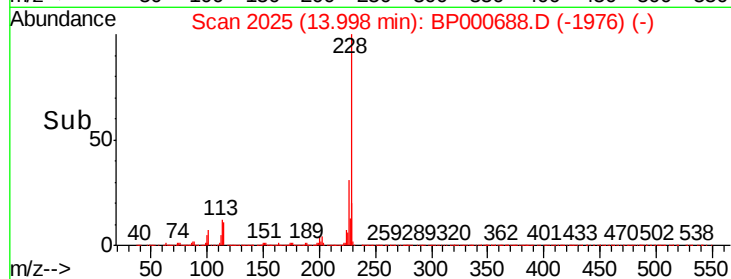
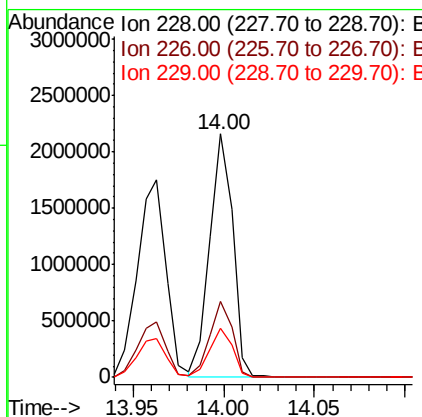
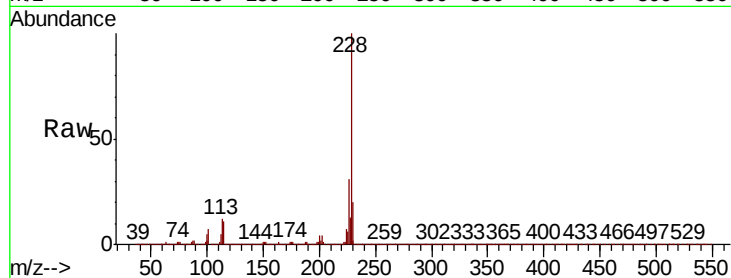
#83  
 Chrvsene  
 Concen: 50.855 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. -0.01 min  
 Lab File: BP000688.D  
 Acq: 12 Oct 2019 23:36

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190879-COMPOSITE-KMSD

Tot Ion:228 Resp: 1912370  
 Ion Ratio Lower Upper  
 228 100  
 226 31.4 24.7 37.1  
 229 20.4 16.3 24.5

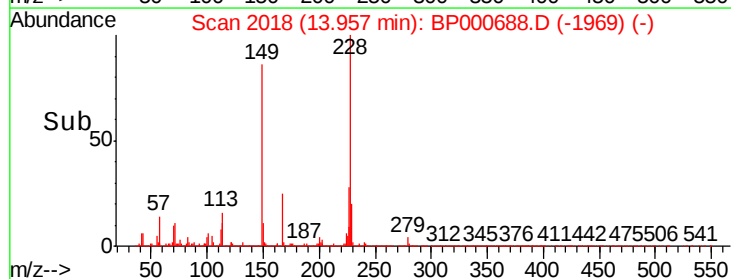
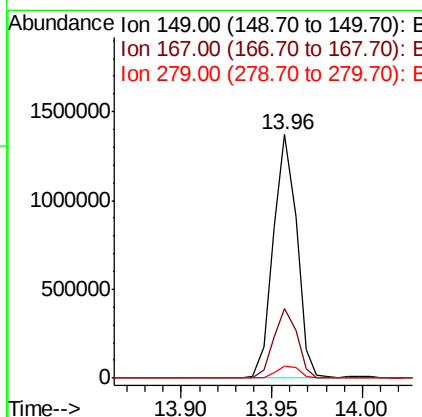
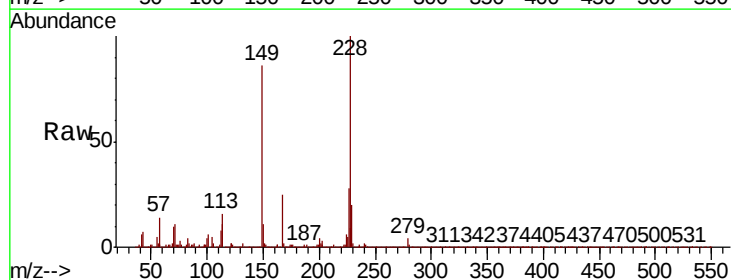
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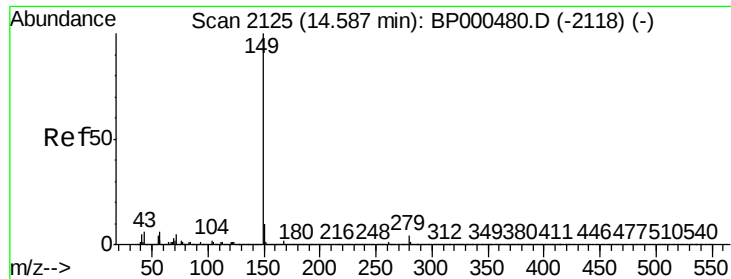
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.149 ng  
 RT: 13.96 min Scan# 2018  
 Delta R.T. -0.01 min  
 Lab File: BP000688.D  
 Acq: 12 Oct 2019 23:36

Tgt Ion:149 Resp: 1237759  
 Ion Ratio Lower Upper  
 149 100  
 167 28.6 23.6 35.4  
 279 4.9 3.9 5.9





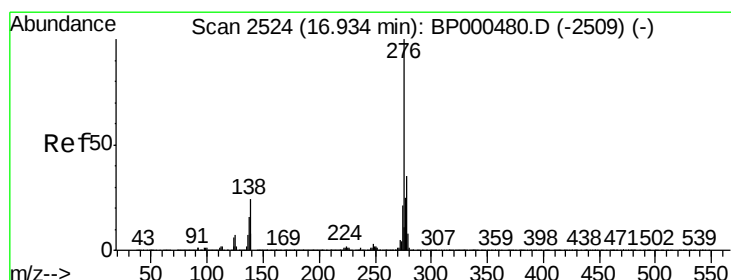
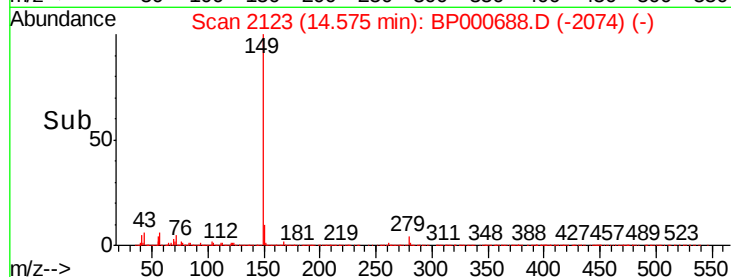
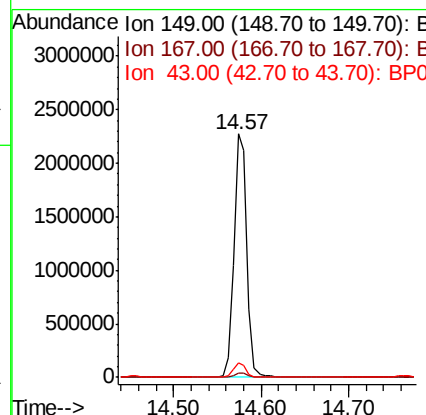
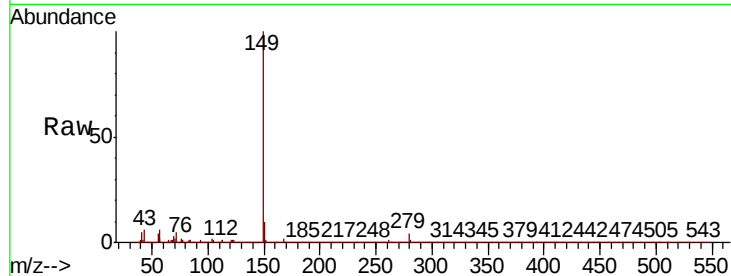
#85  
Di-n-octyl phthalate  
Concen: 52.829 ng  
RT: 14.57 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 5.7   | 4.6   | 7.0   |

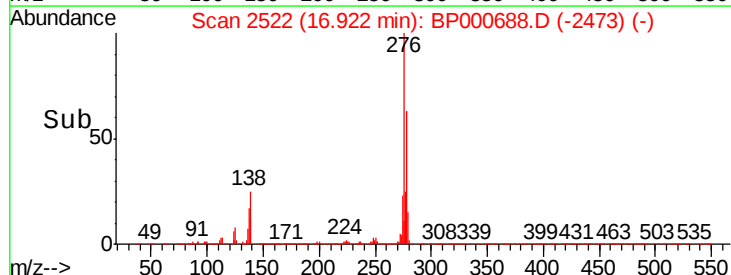
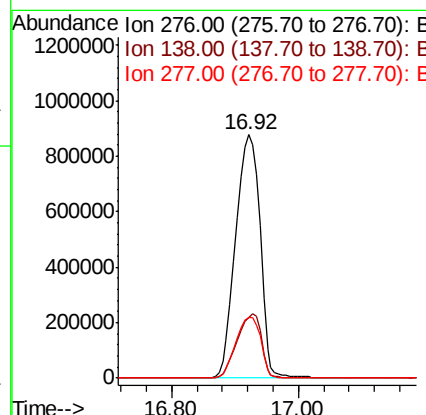
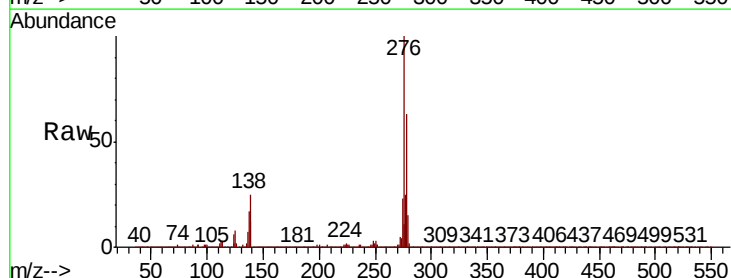
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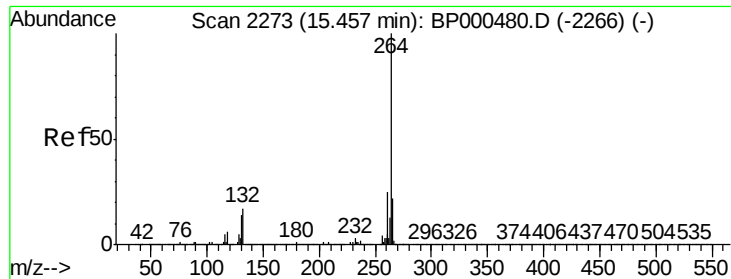
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 49.394 ng  
RT: 16.92 min Scan# 2522  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.4  | 20.9  | 31.3  |
| 277     | 25.5  | 20.6  | 30.8  |





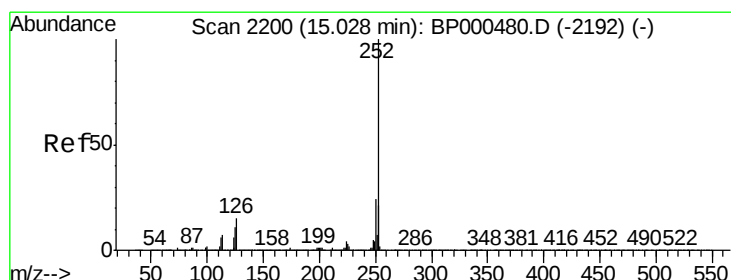
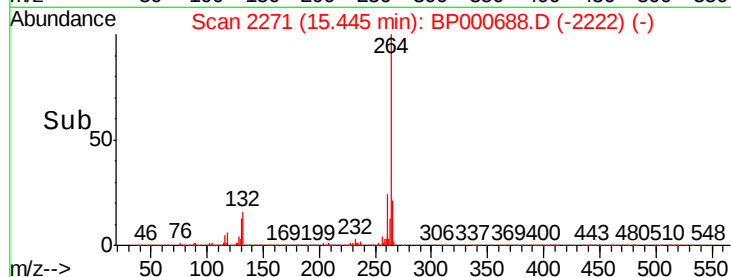
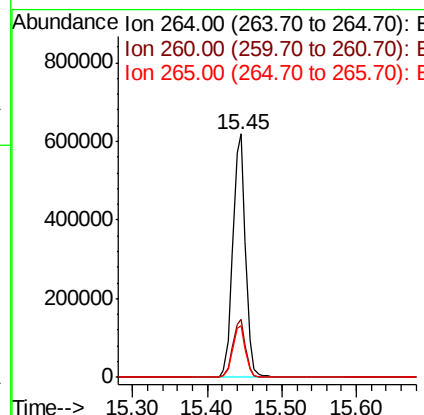
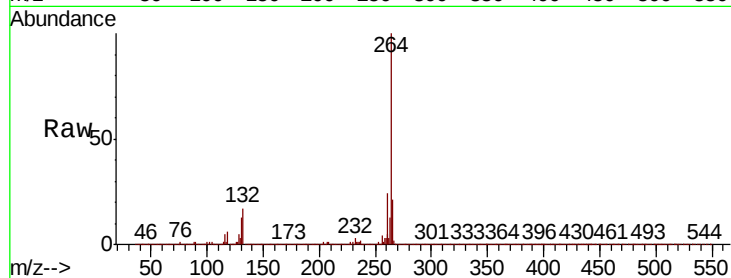
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.45 min Scan# 2271  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

Instrument :  
BNA\_P  
ClientSampleId :  
20190879-COMPOSITE-KMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 20.3  | 30.5  |
| 265     | 21.3  | 18.0  | 27.0  |

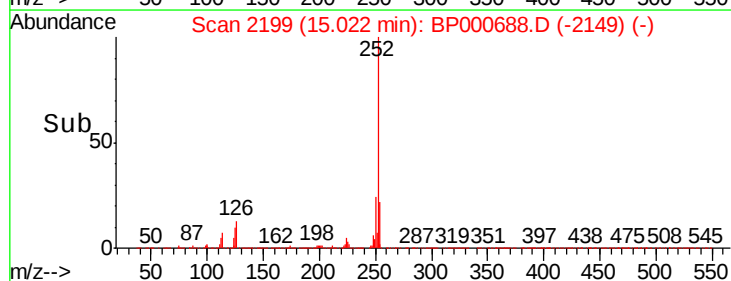
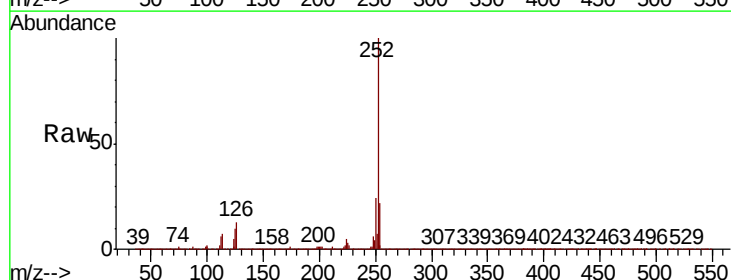
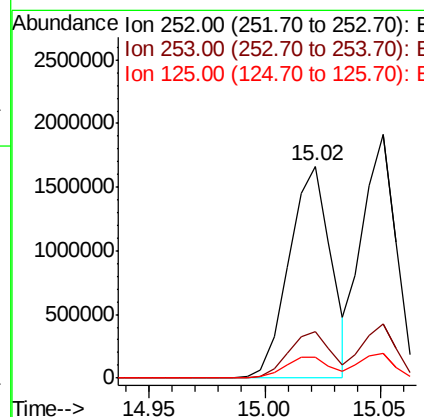
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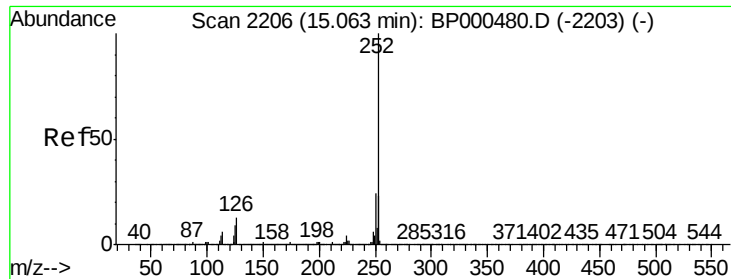
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#88  
Benzo(b)fluoranthene  
Concen: 49.705 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.01 min  
Lab File: BP000688.D  
Acq: 12 Oct 2019 23:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.0  | 25.4  |
| 125     | 10.2  | 8.9   | 13.3  |





#89

Benzo(k)fluoranthene

Concen: 48.728 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

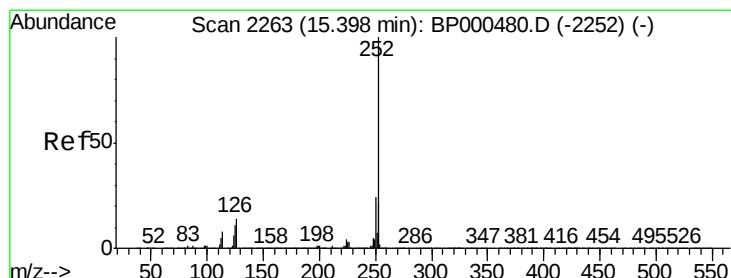
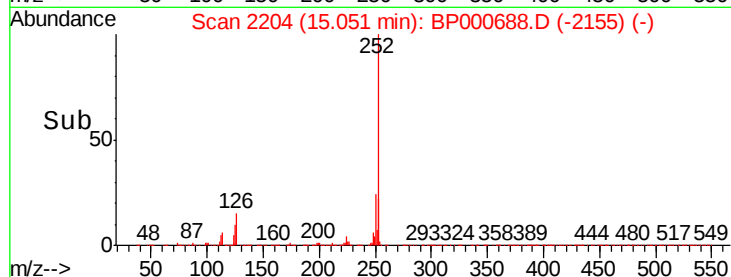
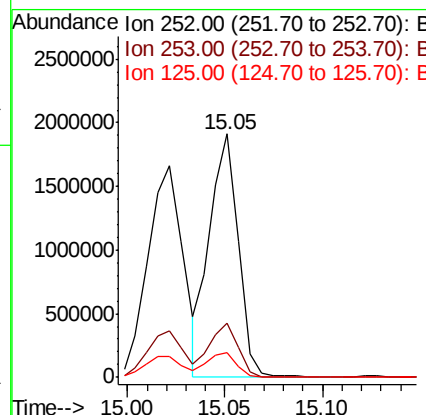
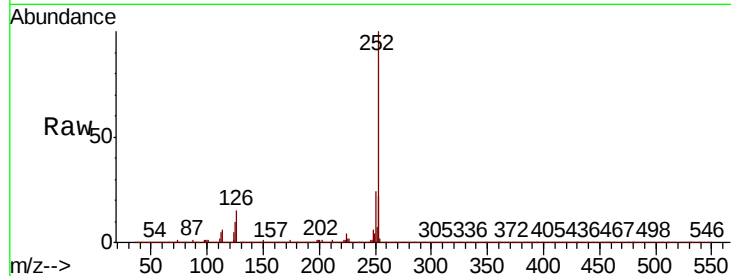
ClientSampleId :

20190879-COMPOSITE-KMSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 252   | Resp: | 1953804 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.2  | 18.4  | 27.6    |
| 125      | 10.1  | 7.8   | 11.8    |

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#90

Benzo(a)pyrene

Concen: 51.365 ng

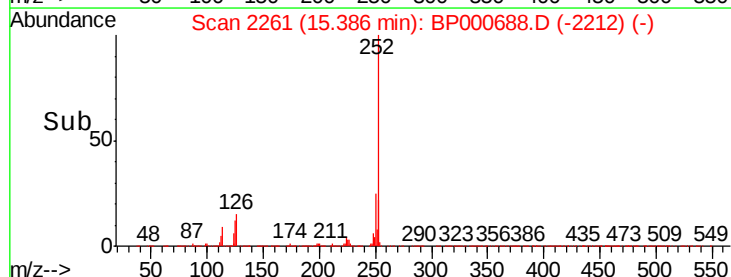
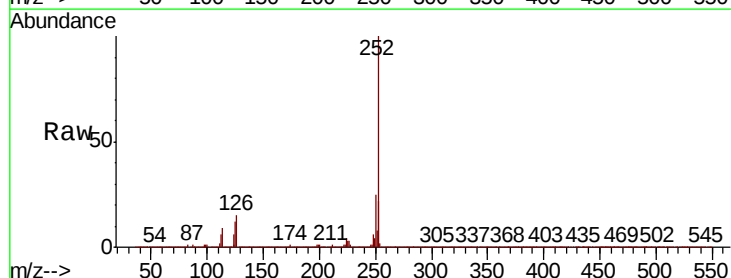
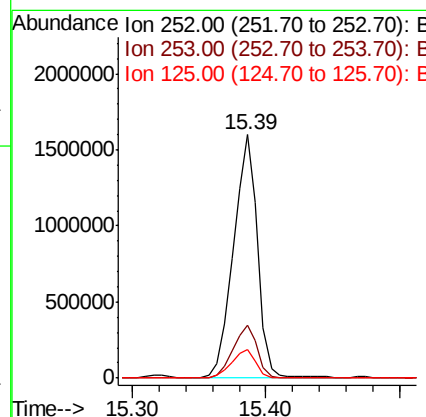
RT: 15.39 min Scan# 2261

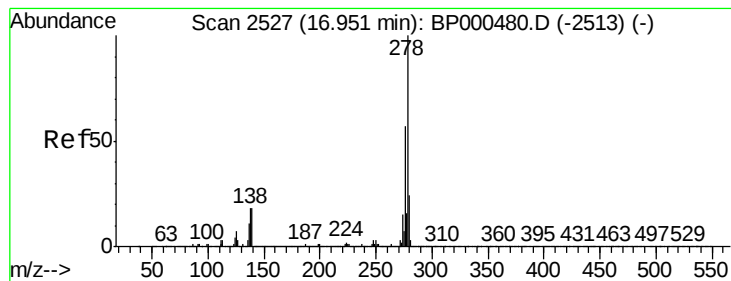
Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 2016587 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 21.8  | 17.0  | 25.6    |
| 125      | 11.7  | 8.4   | 12.6    |





#91

Dibenzo(a,h)anthracene

Concen: 49.304 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

Instrument :

BNA\_P

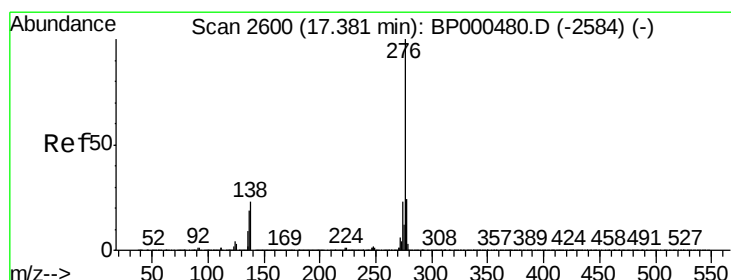
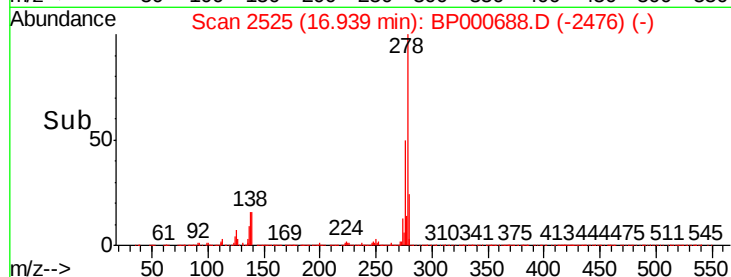
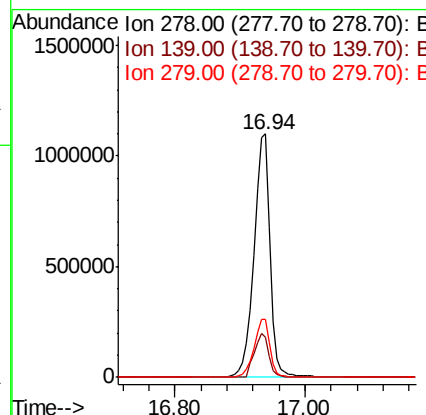
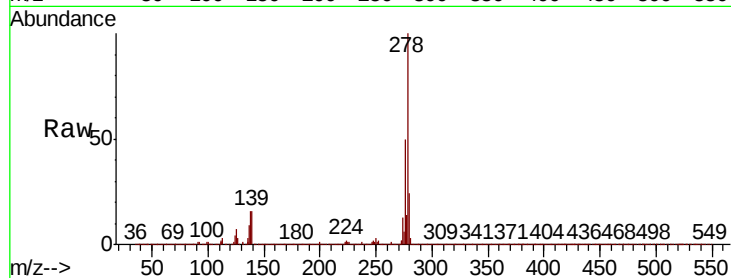
ClientSampleId :

20190879-COMPOSITE-KMSD

|     |         |               |       |
|-----|---------|---------------|-------|
| Tot | Ion:278 | Resp: 1877332 |       |
| Ion | Ratio   | Lower         | Upper |
| 278 | 100     |               |       |
| 139 | 16.3    | 14.1          | 21.1  |
| 279 | 23.9    | 19.5          | 29.3  |

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#92

Benzo(g,h,i)perylene

Concen: 51.315 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BP000688.D

Acq: 12 Oct 2019 23:36

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:276 | Resp: | 1985441 |
| Ion | Ratio   | Lower | Upper   |
| 276 | 100     |       |         |
| 277 | 23.6    | 19.4  | 29.2    |
| 138 | 23.5    | 18.5  | 27.7    |

