

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\  
 Data File : BP000392.D  
 Acq On : 24 Sep 2019 18:36  
 Operator : JU  
 Sample : K4665-06MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Sep 25 01:13:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 19 14:44:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 209097   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 743476   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 412988   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 856543   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 552368   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 637043   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.42  | 112 | 1653136 | 136.49 | ng | 0.02 |
| 7) Phenol-d6                | 6.43  | 99  | 1732388 | 116.68 | ng | 0.01 |
| 23) Nitrobenzene-d5         | 7.35  | 82  | 1124417 | 97.58  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.63 | 330 | 652098  | 159.19 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.15  | 172 | 2390081 | 104.16 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.93 | 244 | 2668785 | 101.36 | ng | 0.00 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.59 | 88  | 210678  | 38.545 | ng | 100  |
| 3) Pyridine                    | 3.33 | 79  | 426252  | 28.969 | ng | 100  |
| 4) n-Nitrosodimethylamine      | 3.25 | 42  | 185803  | 44.782 | ng | 97   |
| 6) Aniline                     | 6.45 | 93  | 287208  | 14.030 | ng | # 54 |
| 8) 2-Chlorophenol              | 6.58 | 128 | 578143  | 44.327 | ng | 99   |
| 9) Benzaldehyde                | 6.33 | 77  | 307653  | 38.104 | ng | 98   |
| 10) Phenol                     | 6.45 | 94  | 697458  | 41.347 | ng | 93   |
| 11) bis(2-Chloroethyl)ether    | 6.52 | 93  | 558323  | 43.222 | ng | 100  |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 655293  | 41.868 | ng | 100  |
| 13) 1,4-Dichlorobenzene        | 6.80 | 146 | 664398  | 42.666 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 616800  | 43.239 | ng | 99   |
| 15) Benzyl Alcohol             | 6.93 | 79  | 483924  | 44.789 | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 489321  | 39.956 | ng | 98   |
| 17) 2-Methylphenol             | 7.05 | 107 | 478259  | 42.813 | ng | 98   |
| 18) Hexachloroethane           | 7.30 | 117 | 235538  | 40.873 | ng | 92   |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 345499  | 44.014 | ng | 95   |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 584943  | 43.302 | ng | 91   |
| 22) Acetophenone               | 7.19 | 105 | 817221  | 50.721 | ng | # 98 |
| 24) Nitrobenzene               | 7.37 | 77  | 582454  | 48.664 | ng | 98   |
| 25) Isophorone                 | 7.61 | 82  | 1075870 | 47.151 | ng | 99   |
| 26) 2-Nitrophenol              | 7.69 | 139 | 312064  | 49.181 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 530793  | 52.516 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 722999  | 47.640 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 572383  | 52.839 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 573680  | 46.204 | ng | 99   |
| 31) Naphthalene                | 8.09 | 128 | 1761180 | 51.148 | ng | 100  |
| 32) Benzoic acid               | 7.84 | 122 | 280159  | 41.053 | ng | 98   |
| 33) 4-Chloroaniline            | 8.14 | 127 | 113798  | 7.303  | ng | 99   |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 339608  | 46.162 | ng | 99   |
| 35) Caprolactam                | 8.49 | 113 | 80632   | 21.881 | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 8.63 | 107 | 548865  | 49.912 | ng | 96   |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 1173684 | 49.862 | ng | 99   |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 1110845 | 50.380 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 595641  | 50.444 | ng | 99   |

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 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

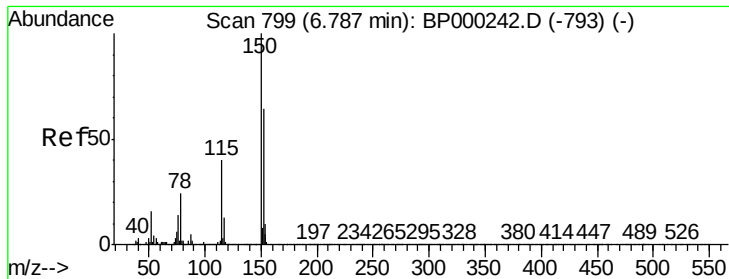
Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Sep 25 01:13:48 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 19 14:44:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 552953   | 81.550    | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 421891   | 51.635    | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.11  | 196  | 435334   | 52.033    | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.25  | 154  | 1453583  | 50.878    | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.27  | 162  | 1145877  | 47.813    | ng    | 99       |
| 48) 2-Nitroaniline             | 9.37  | 65   | 284256   | 46.706    | ng    | 98       |
| 49) Acenaphthylene             | 9.69  | 152  | 1877050  | 52.104    | ng    | 100      |
| 50) Dimethylphthalate          | 9.55  | 163  | 1609157  | 57.189    | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.61  | 165  | 317061   | 51.248    | ng    | 98       |
| 52) Acenaphthene               | 9.86  | 154  | 1089365  | 47.918    | ng    | 99       |
| 53) 3-Nitroaniline             | 9.77  | 138  | 97855    | 13.627    | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 241000   | 88.171    | ng    | 97       |
| 55) Dibenzofuran               | 10.04 | 168  | 1649005  | 51.311    | ng    | 100      |
| 56) 4-Nitrophenol              | 9.96  | 139  | 513004   | 96.047    | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 428015   | 52.920    | ng    | 98       |
| 58) Fluorene                   | 10.38 | 166  | 1271376  | 51.218    | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 357473   | 51.925    | ng    | 100      |
| 60) Diethylphthalate           | 10.26 | 149  | 1373462  | 50.743    | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 655326   | 51.431    | ng    | 98       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 310436   | 43.950    | ng    | 96       |
| 63) Azobenzene                 | 10.53 | 77   | 1152290  | 50.249    | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 173509   | 43.081    | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.49 | 169  | 1153602  | 44.739    | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 429624   | 44.356    | ng    | 94       |
| 68) Hexachlorobenzene          | 10.94 | 284  | 456877   | 43.146    | ng    | 96       |
| 69) Atrazine                   | 11.03 | 200  | 374518   | Below Cal |       | 99       |
| 70) Pentachlorophenol          | 11.13 | 266  | 517989   | 89.817    | ng    | 99       |
| 71) Phenanthrene               | 11.35 | 178  | 2104581  | 49.031    | ng    | 100      |
| 72) Anthracene                 | 11.40 | 178  | 1944876  | 44.020    | ng    | 100      |
| 73) Carbazole                  | 11.56 | 167  | 1531226  | 38.484    | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.90 | 149  | 1855512  | 36.843    | ng    | 100      |
| 75) Fluoranthene               | 12.55 | 202  | 1868845  | 40.547    | ng    | 96       |
| 77) Benzdine                   | 12.67 | 184  | 743896   | 37.709    | ng    | 98       |
| 78) Pyrene                     | 12.78 | 202  | 1900305  | 45.983    | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.41 | 149  | 811132   | 42.715    | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 1683528  | 48.250    | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 331497   | 23.640    | ng    | 98       |
| 83) Chrysene                   | 14.02 | 228  | 1645213  | 48.023    | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 1065322  | 46.735    | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 1940270  | 45.926    | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.96 | 276  | 2083889  | 49.903    | ng    | 95       |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 1797018  | 47.285    | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.07 | 252  | 1727536  | 52.112    | ng    | # 97     |
| 90) Benzo(a)pyrene             | 15.42 | 252  | 1748004  | 50.549    | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene     | 16.98 | 278  | 1702853  | 52.817    | ng    | # 96     |
| 92) Benzo(g,h,i)perylene       | 17.40 | 276  | 1752849  | 52.893    | ng    | 95       |

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



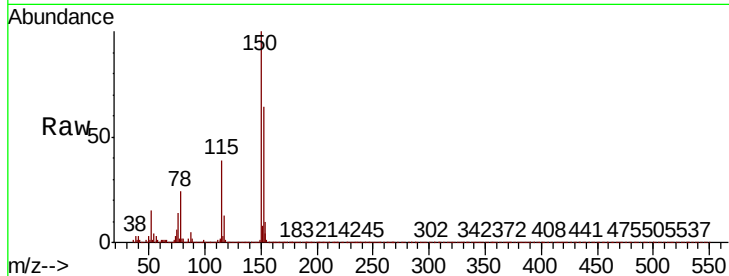


#1

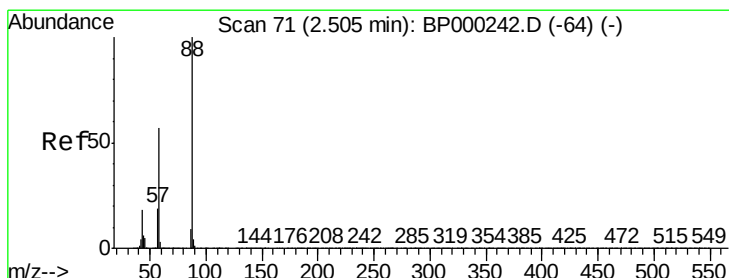
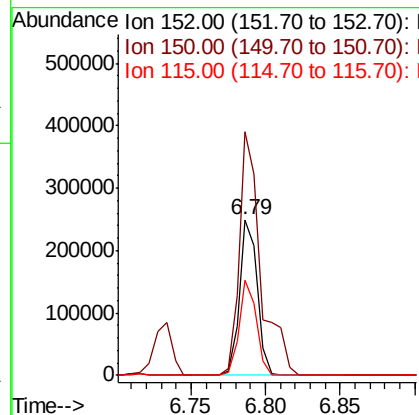
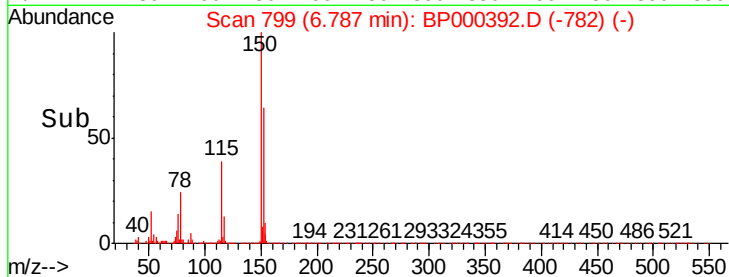
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 799  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 125.2 | 187.8 |
| 115     | 61.3  | 49.7  | 74.5  |



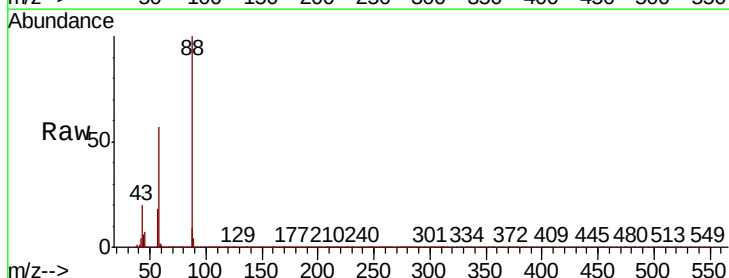
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



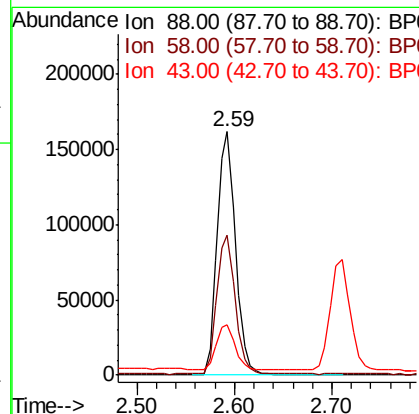
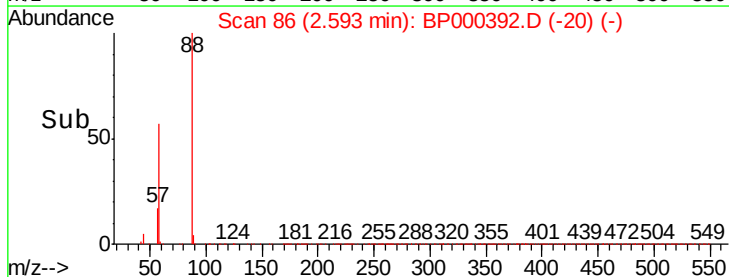
#2

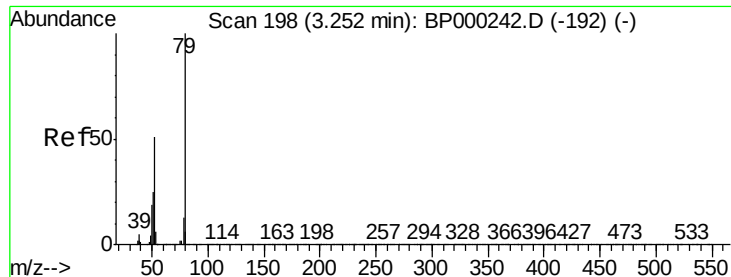
1,4-Dioxane  
Concen: 38.545 ng  
RT: 2.59 min Scan# 86  
Delta R.T. 0.09 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 57.0  | 45.4  | 68.2  |
| 43      | 19.1  | 15.0  | 22.6  |



Abundance Ion 88.00 (87.70 to 88.70): BP0  
Ion 58.00 (57.70 to 58.70): BP0  
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 28.969 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

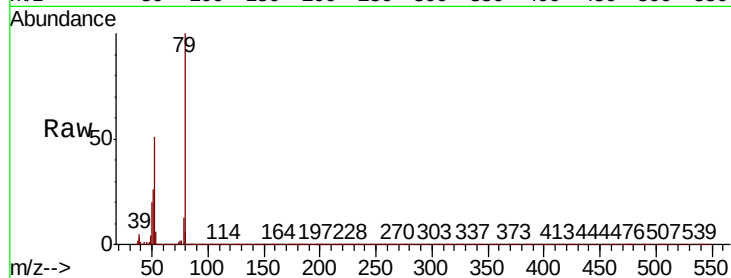
Tot Ion: 79 Resp: 426252

Ion Ratio Lower Upper

79 100

52 51.3 40.9 61.3

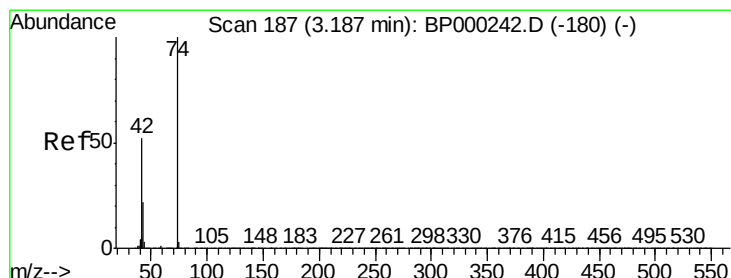
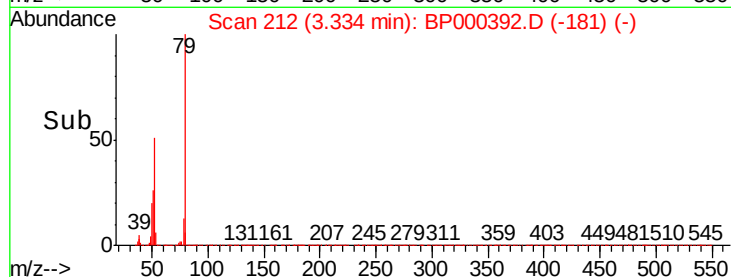
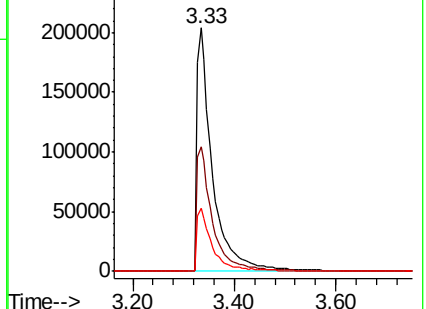
51 25.7 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 44.782 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.06 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

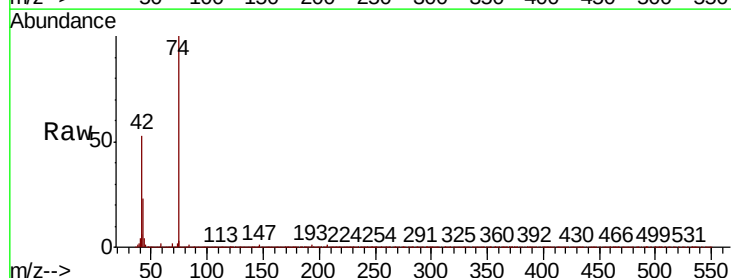
Tgt Ion: 42 Resp: 185803

Ion Ratio Lower Upper

42 100

74 188.9 154.5 231.7

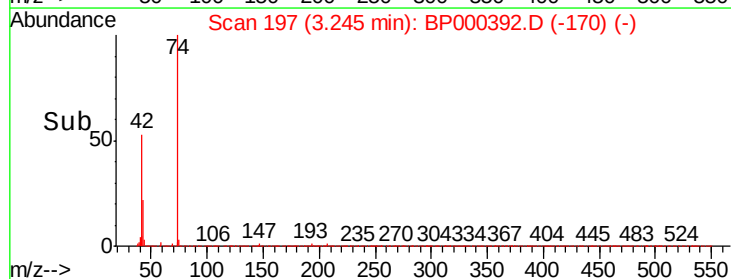
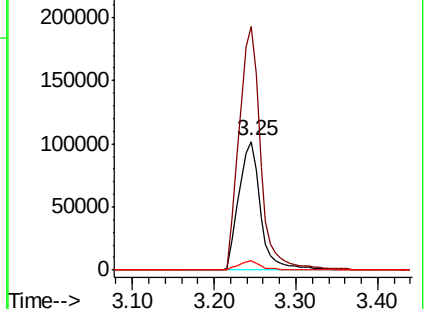
44 6.9 5.9 8.9

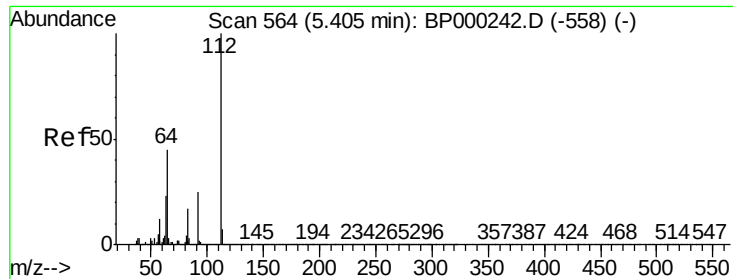


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 136.487 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

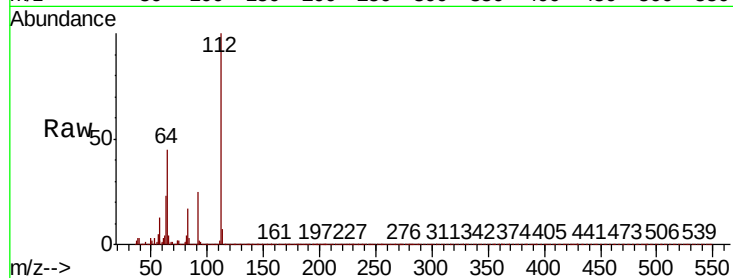
Tot Ion:112 Resp: 1653136

Ion Ratio Lower Upper

112 100

64 45.0 36.2 54.4

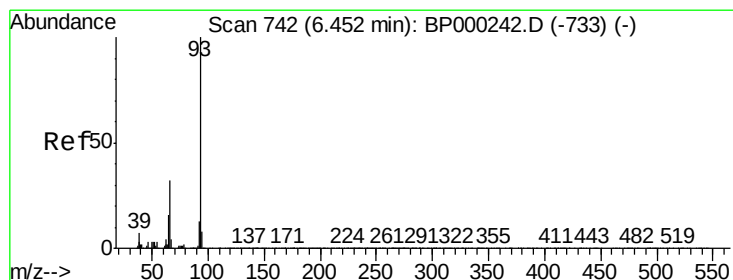
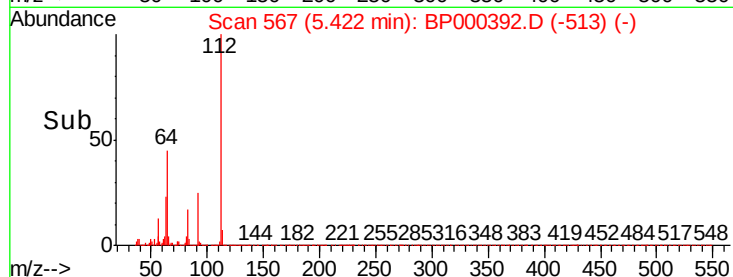
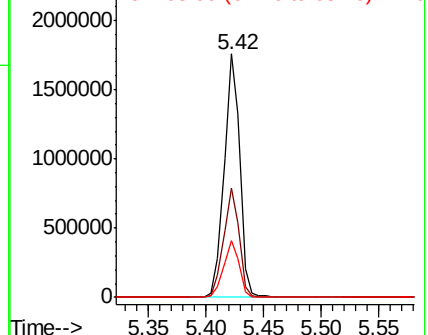
63 23.2 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 14.030 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

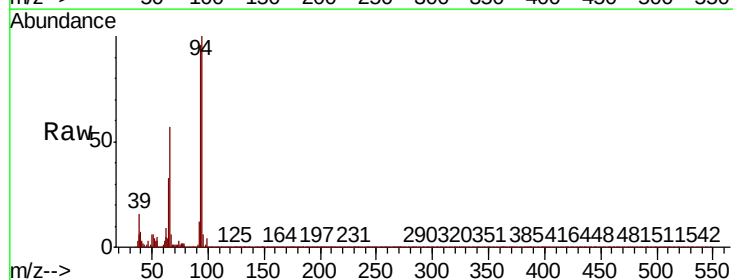
Tgt Ion: 93 Resp: 287208

Ion Ratio Lower Upper

93 100

66 58.8 26.2 39.2#

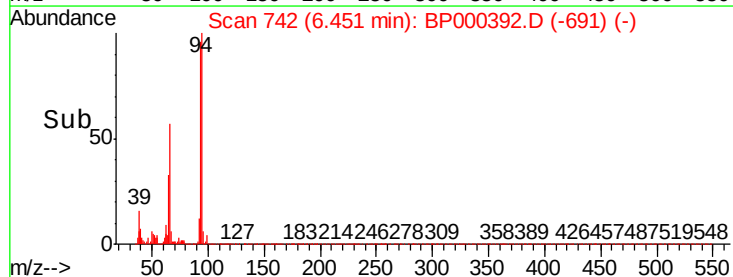
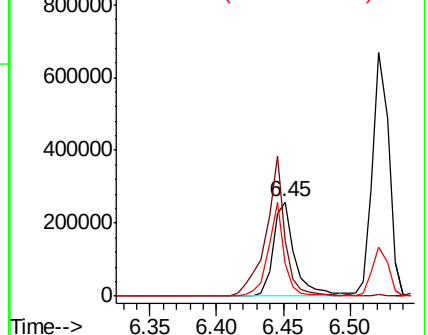
65 34.6 12.7 19.1#

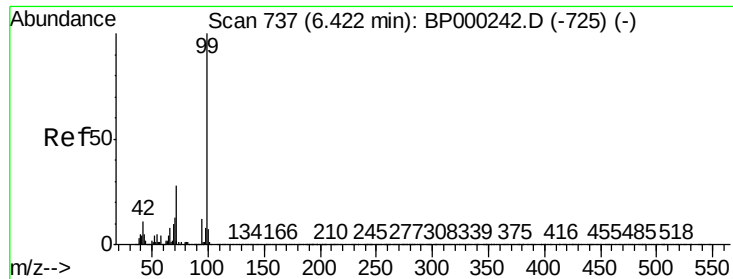


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 116.684 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

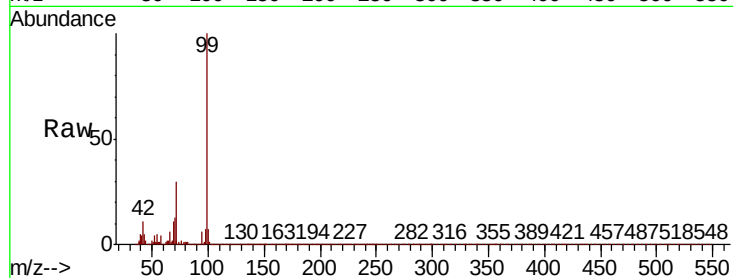
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 1732388

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 11.0  | 8.5   | 12.7  |
| 71  | 30.5  | 22.6  | 34.0  |

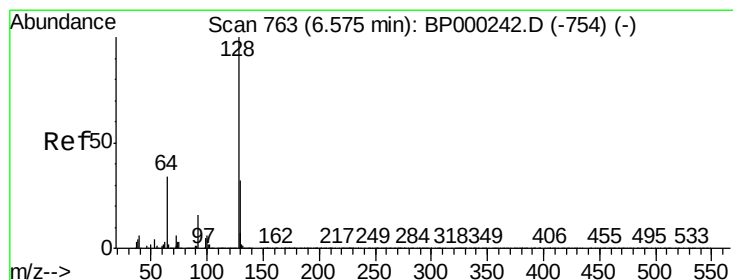
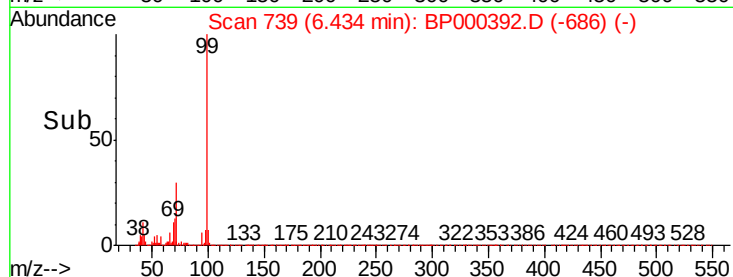
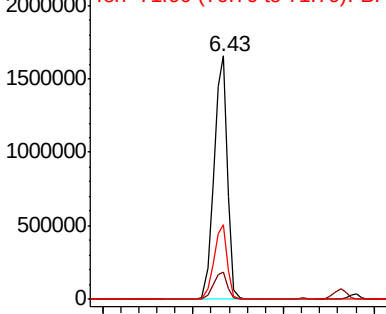


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 44.327 ng

RT: 6.58 min Scan# 764

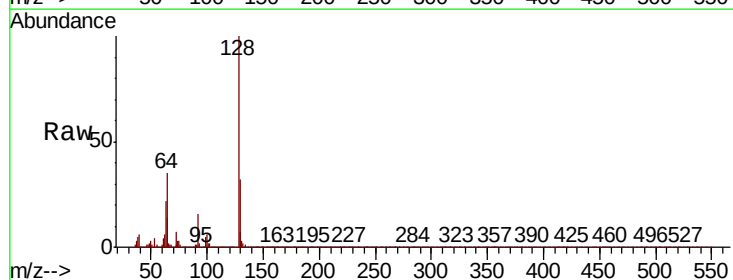
Delta R.T. 0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Tgt Ion: 128 Resp: 578143

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.2  | 12.5  | 52.5  |
| 64  | 34.9  | 16.0  | 56.0  |

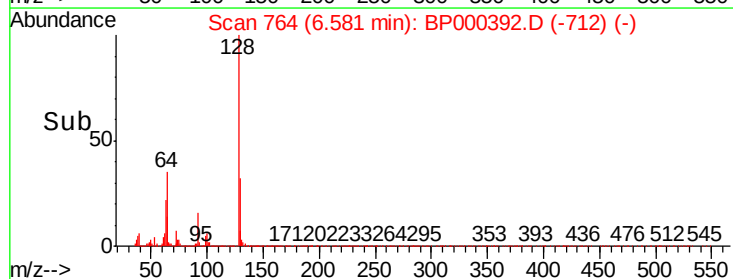
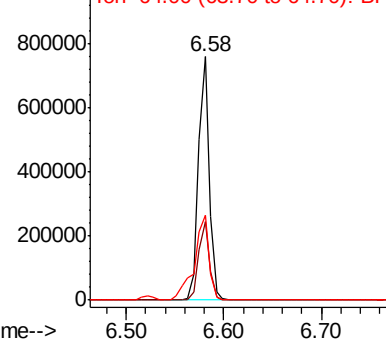


Abundance

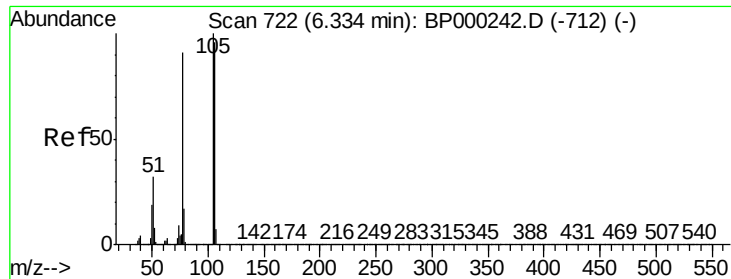
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0







#9

Benzaldehyde

Concen: 38.104 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampled :

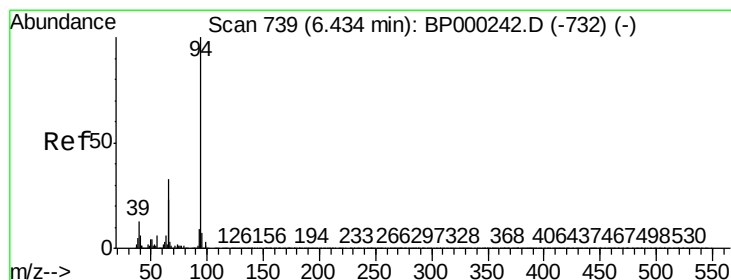
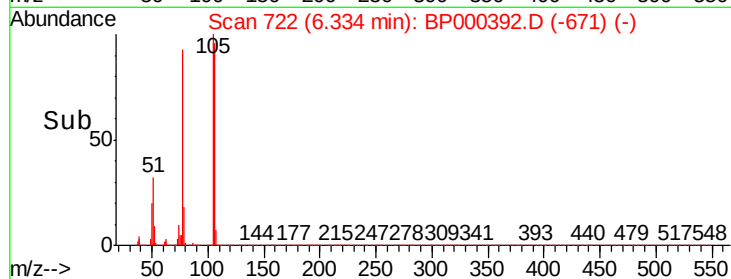
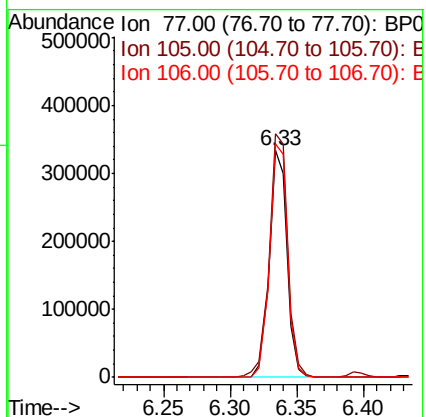
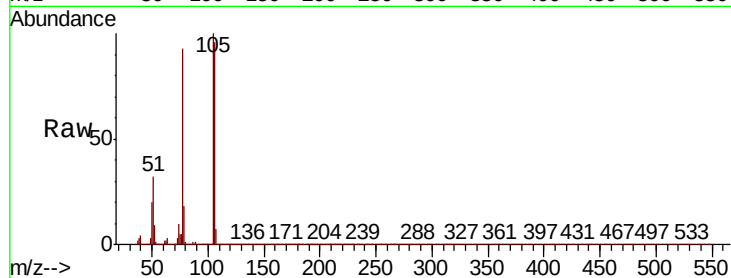
Tot Ion: 77 Resp: 307653

Ion Ratio Lower Upper

77 100

105 107.4 89.6 129.6

106 103.1 84.6 124.6



#10

Phenol

Concen: 41.347 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

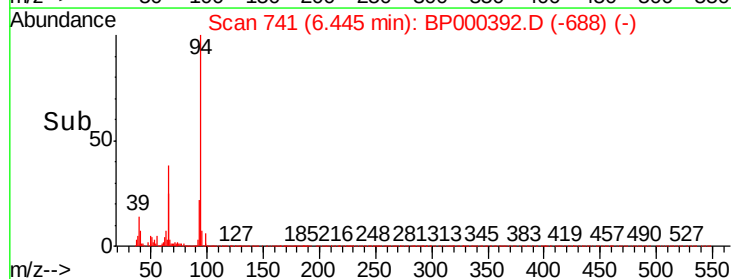
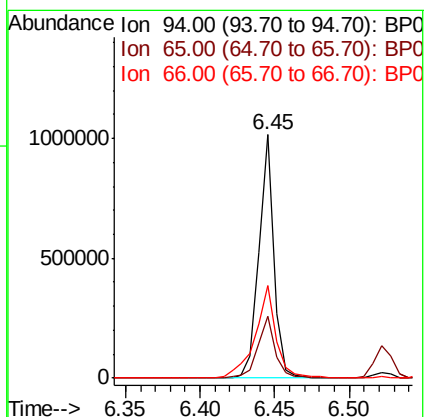
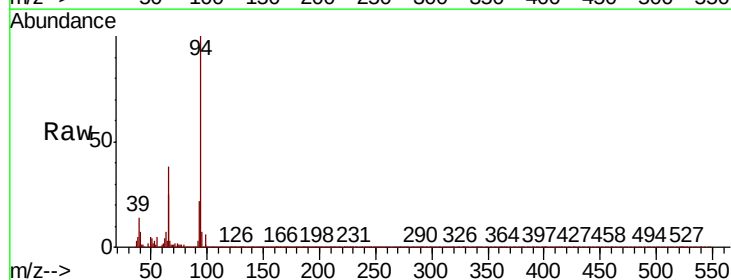
Tgt Ion: 94 Resp: 697458

Ion Ratio Lower Upper

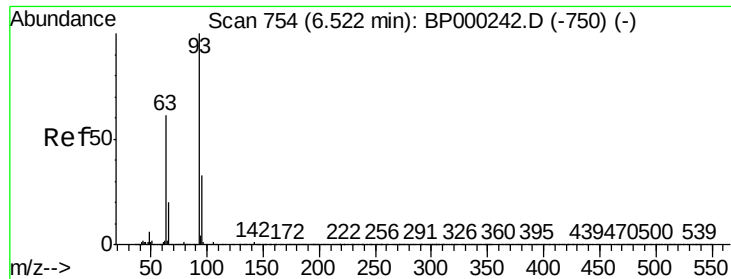
94 100

65 25.2 3.3 43.3

66 37.8 12.7 52.7



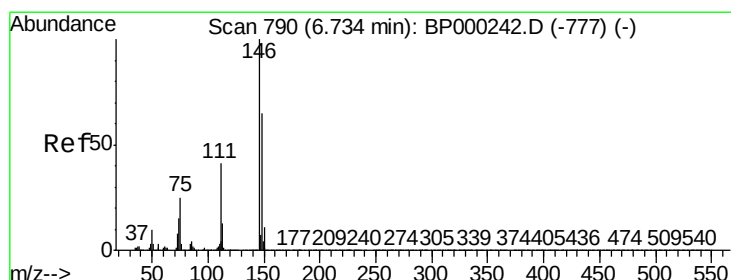
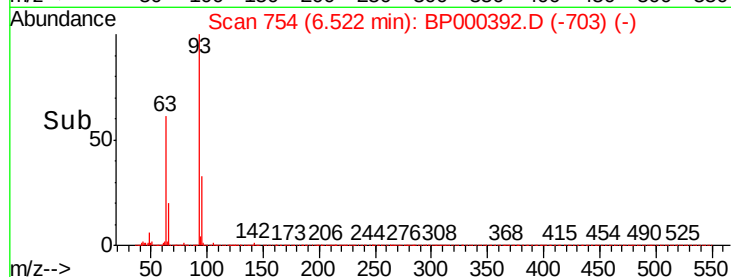
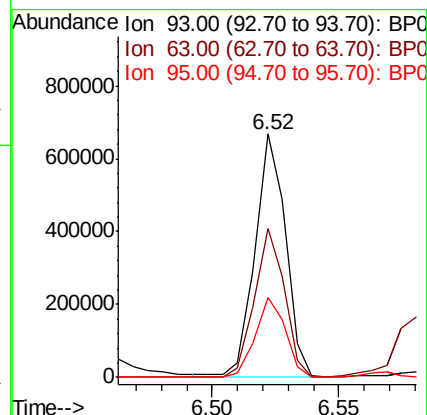
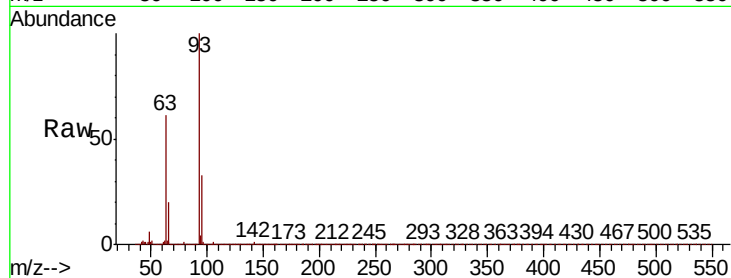




#11  
bis(2-Chloroethyl)ether  
Concen: 43.222 ng  
RT: 6.52 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

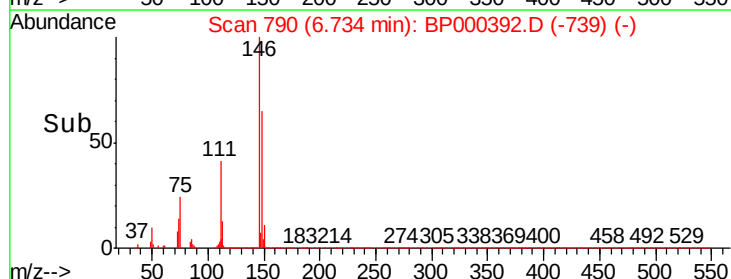
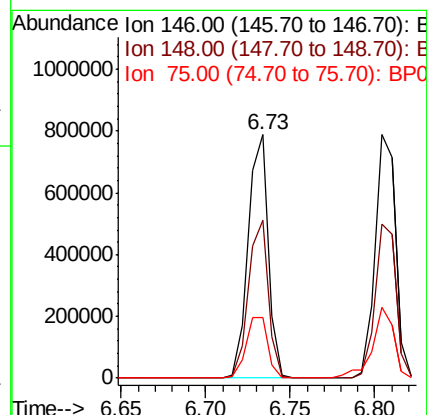
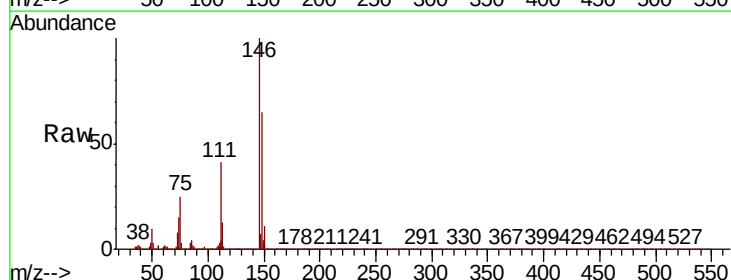
Instrument :  
BNA\_P  
ClientSampleId :

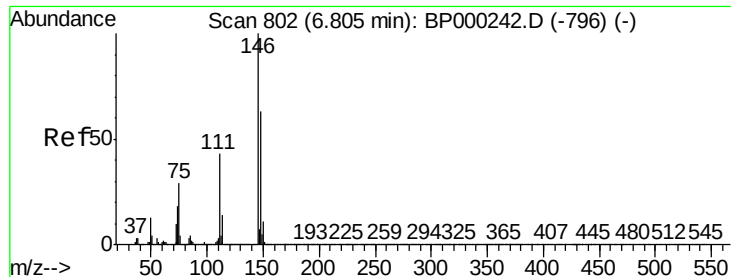
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 60.9  | 41.0  | 81.0  |
| 95      | 32.7  | 12.7  | 52.7  |



#12  
1,3-Dichlorobenzene  
Concen: 41.868 ng  
RT: 6.73 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 52.1  | 78.1  |
| 75      | 24.7  | 20.2  | 30.4  |

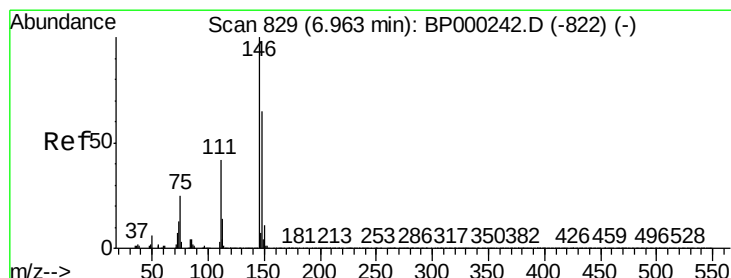
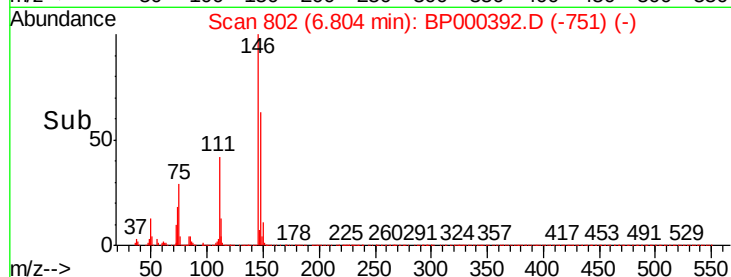
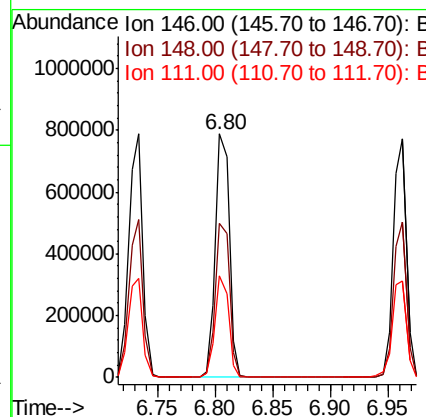
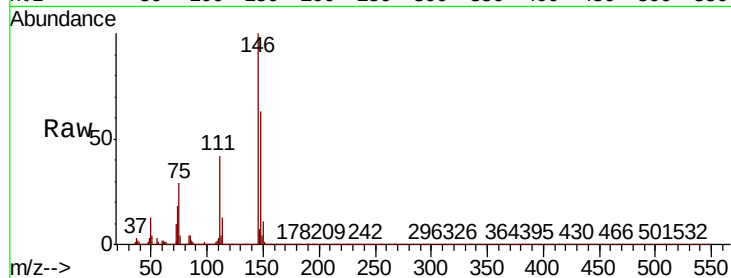




#13  
 1,4-Dichlorobenzene  
 Concen: 42.666 ng  
 RT: 6.80 min Scan# 802  
 Delta R.T. -0.00 min  
 Lab File: BP000392.D  
 Acq: 24 Sep 2019 18:36

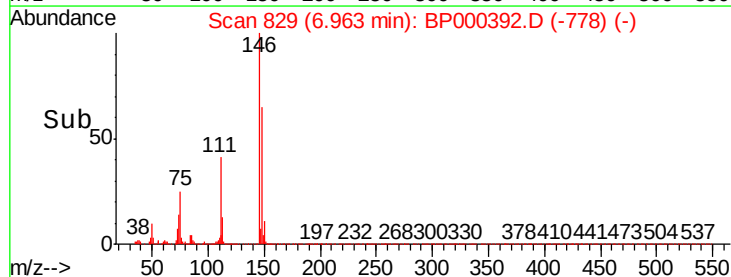
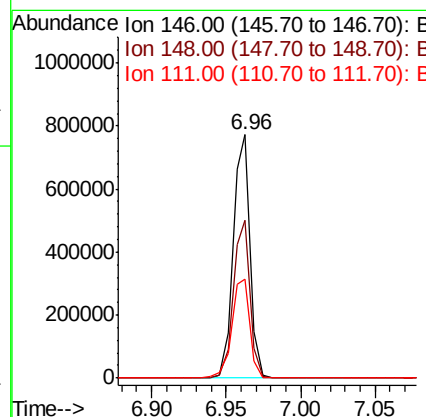
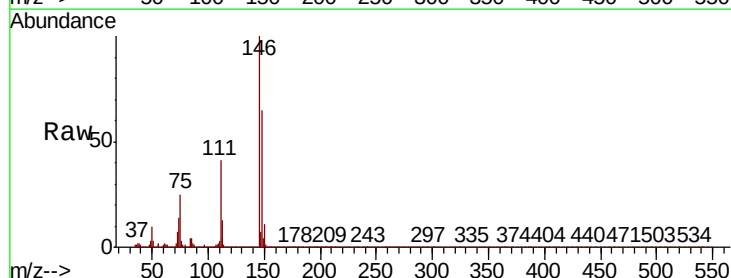
Instrument :  
 BNA\_P  
 ClientSampleId :

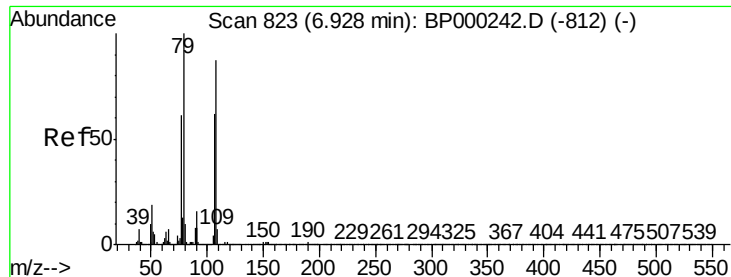
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 50.7  | 76.1  |
| 111     | 42.0  | 34.1  | 51.1  |



#14  
 1,2-Dichlorobenzene  
 Concen: 43.239 ng  
 RT: 6.96 min Scan# 829  
 Delta R.T. -0.00 min  
 Lab File: BP000392.D  
 Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.7  | 77.5  |
| 111     | 40.5  | 33.4  | 50.2  |





#15

Benzyl Alcohol

Concen: 44.789 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

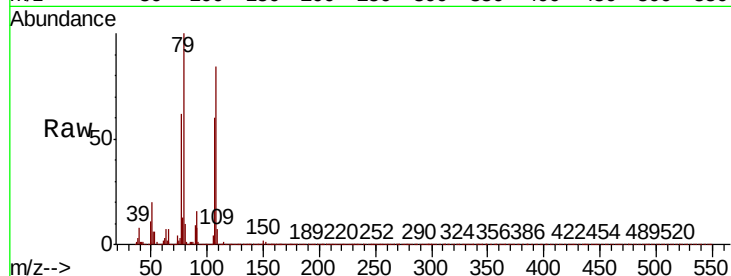
Tot Ion: 79 Resp: 483924

Ion Ratio Lower Upper

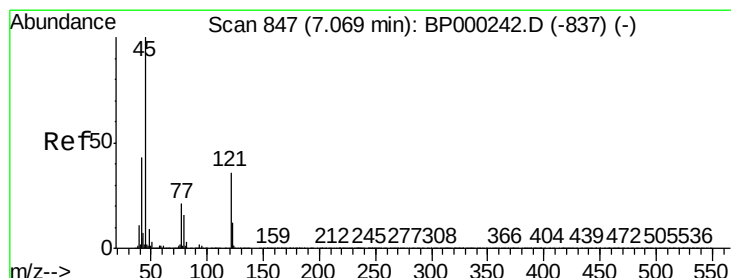
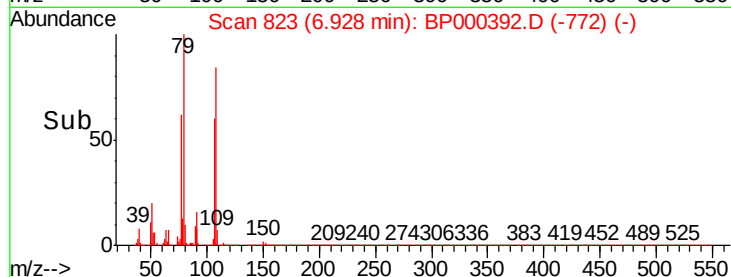
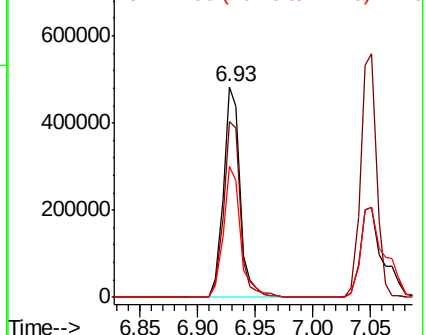
79 100

108 83.6 69.2 103.8

77 62.4 48.7 73.1



Abundance Ion 79.00 (78.70 to 79.70): BP0  
Ion 108.00 (107.70 to 108.70): BP0  
Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.956 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

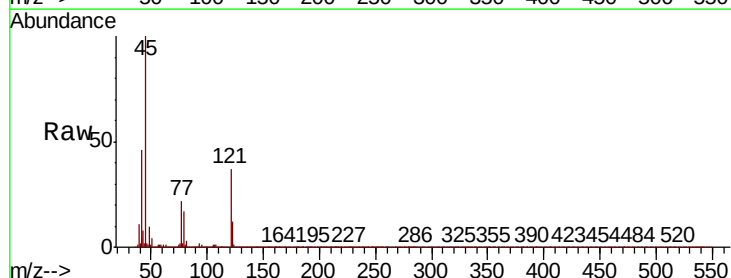
Tgt Ion: 45 Resp: 489321

Ion Ratio Lower Upper

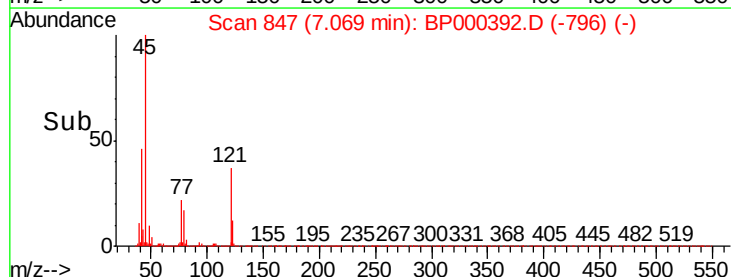
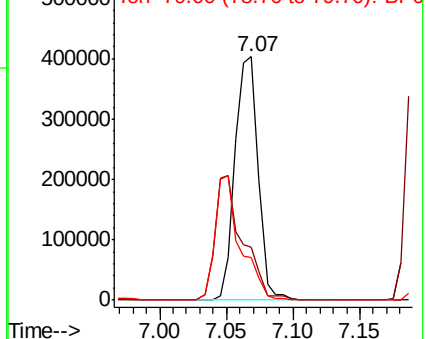
45 100

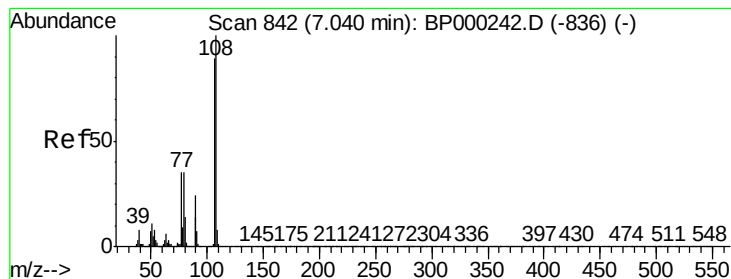
77 21.9 0.7 40.7

79 17.4 0.0 36.4



Abundance Ion 45.00 (44.70 to 45.70): BP0  
Ion 77.00 (76.70 to 77.70): BP0  
Ion 79.00 (78.70 to 79.70): BP0





#17

2-Methylphenol

Concen: 42.813 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

Tot Ion:107 Resp: 478259

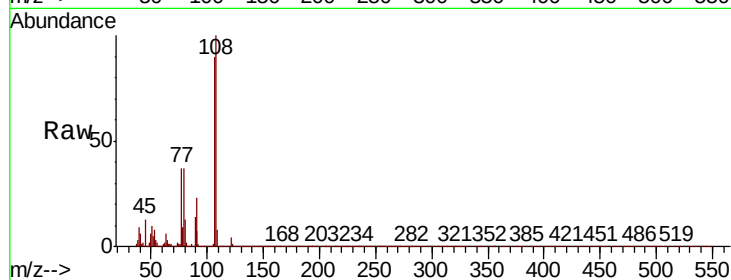
Ion Ratio Lower Upper

107 100

108 111.4 90.1 135.1

77 41.4 31.5 47.3

79 41.2 32.2 48.2

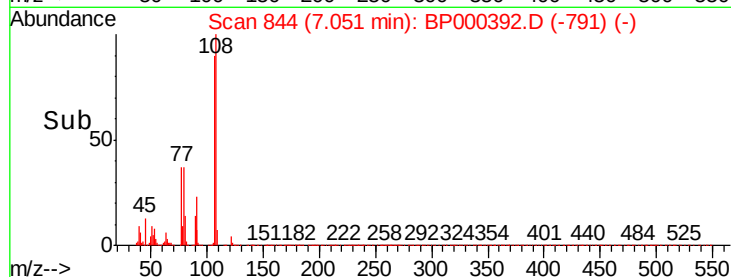


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



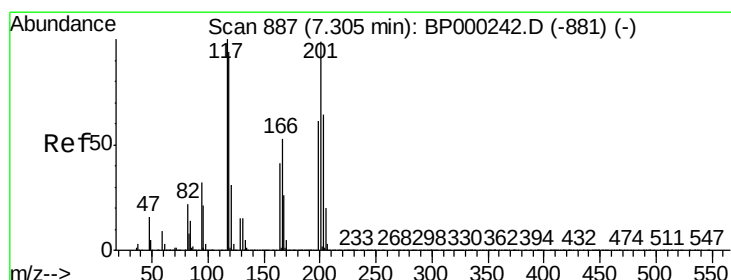
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

Time-->



#18

Hexachloroethane

Concen: 40.873 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

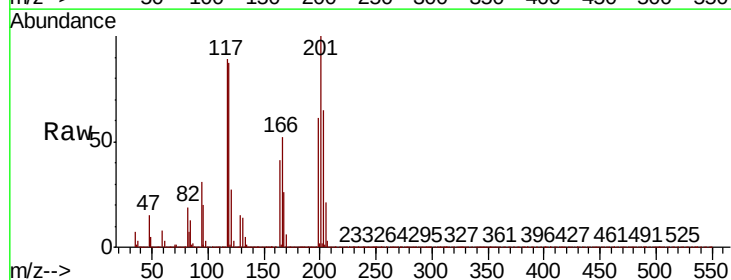
Tgt Ion:117 Resp: 235538

Ion Ratio Lower Upper

117 100

119 97.7 75.6 113.4

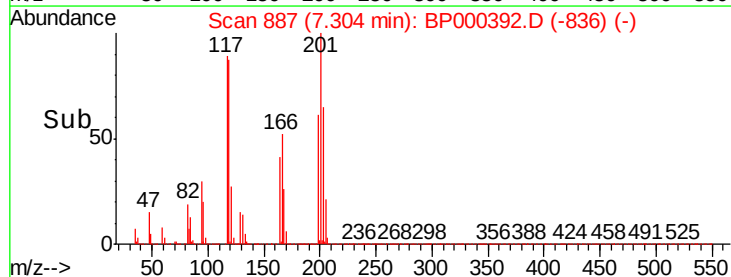
201 112.5 79.4 119.2



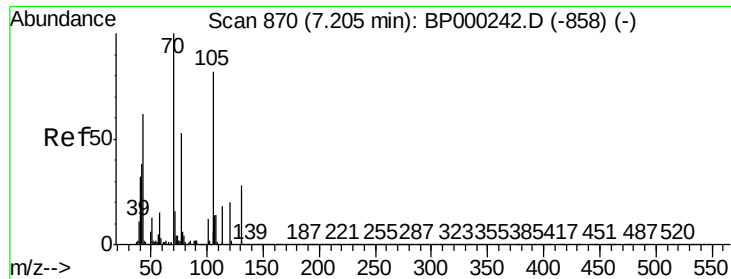
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



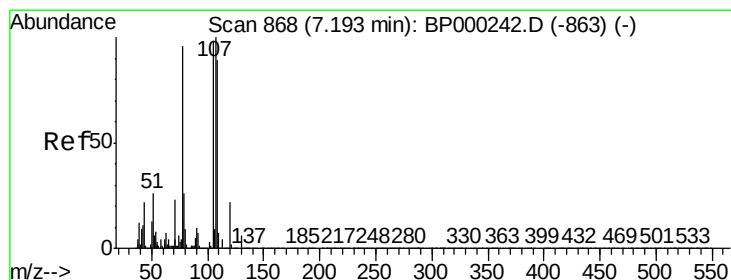
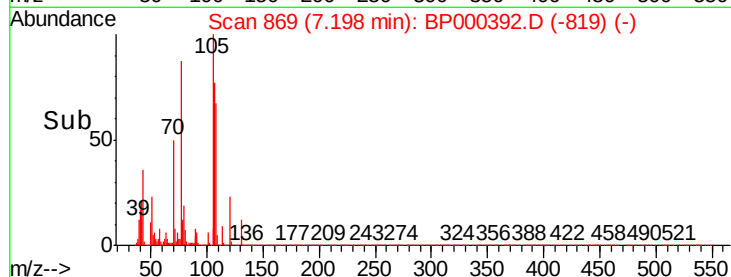
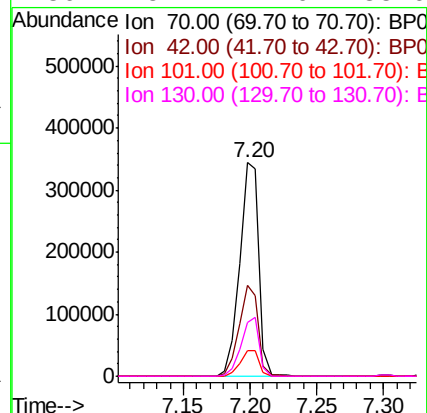
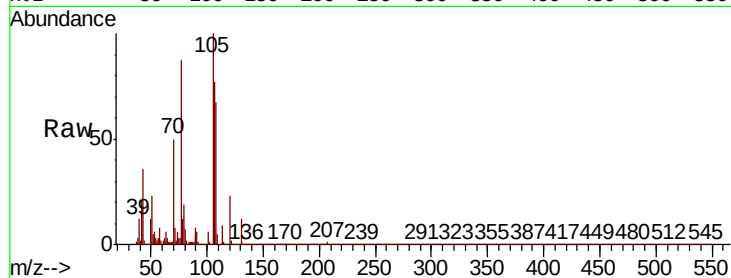
Time-->



#19  
n-Nitroso-di-n-propylamine  
Concen: 44.014 ng  
RT: 7.20 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

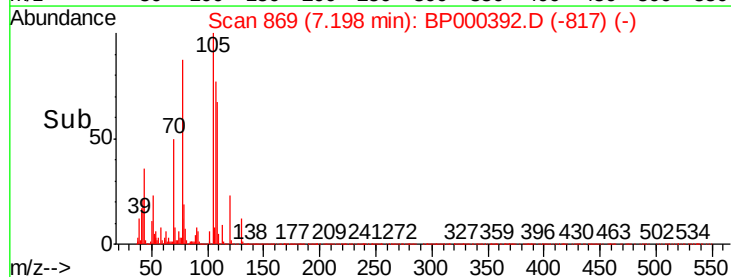
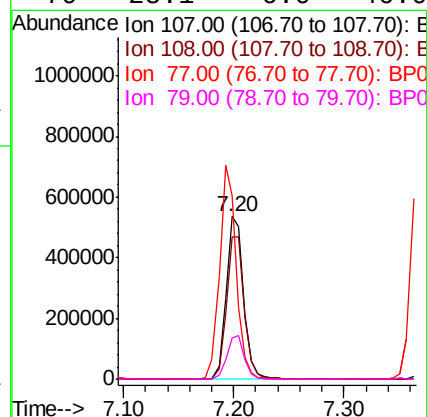
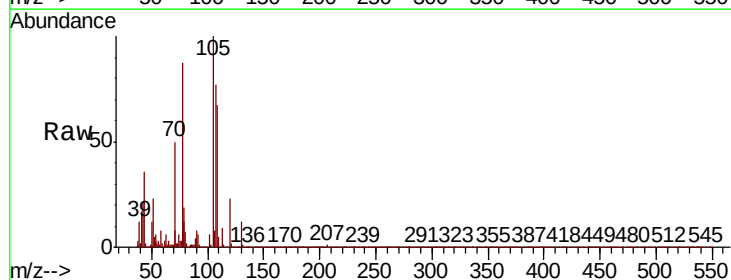
Instrument :  
BNA\_P  
ClientSampled :

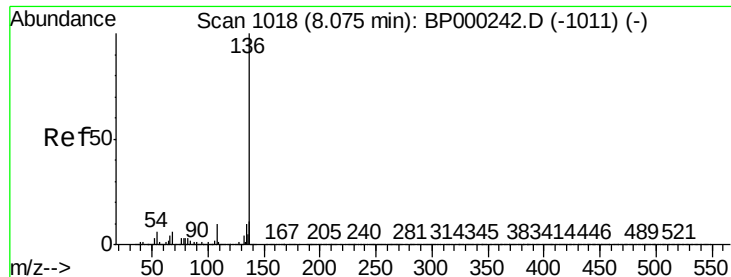
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 345499 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 42.5  | 30.7  | 46.1   |
| 101      | 11.8  | 9.6   | 14.4   |
| 130      | 25.1  | 22.0  | 33.0   |



#20  
3+4-Methylphenols  
Concen: 43.302 ng  
RT: 7.20 min Scan# 869  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 584943 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.4  | 68.8  | 108.8  |
| 77       | 112.8 | 75.7  | 115.7  |
| 79       | 25.1  | 6.0   | 46.0   |

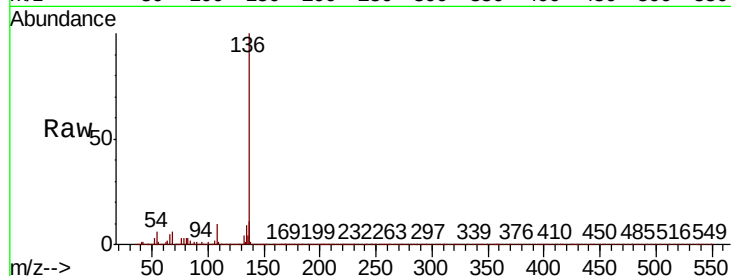




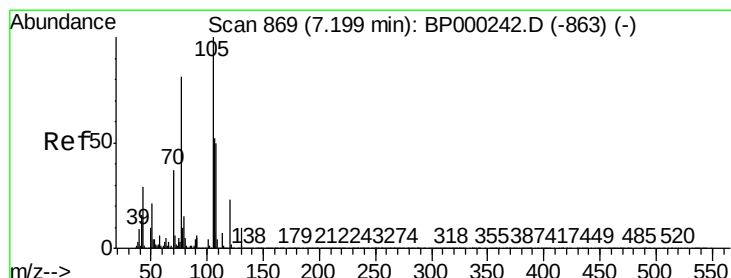
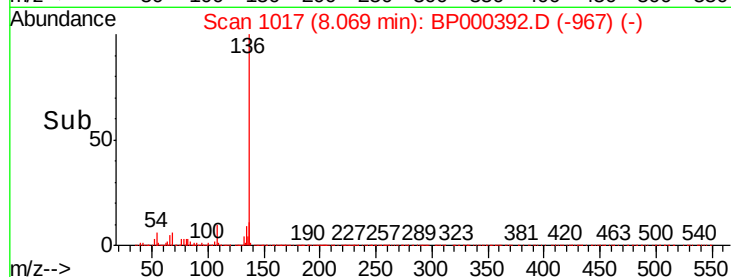
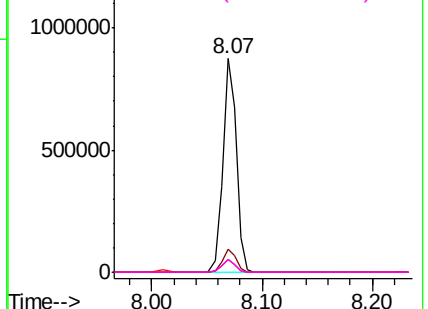
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.07 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Instrument :  
BNA\_P  
ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 743476 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.1    | 8.6   | 13.0   |
| 54 5.9      | 4.5   | 6.7    |
| 68 5.8      | 4.5   | 6.7    |

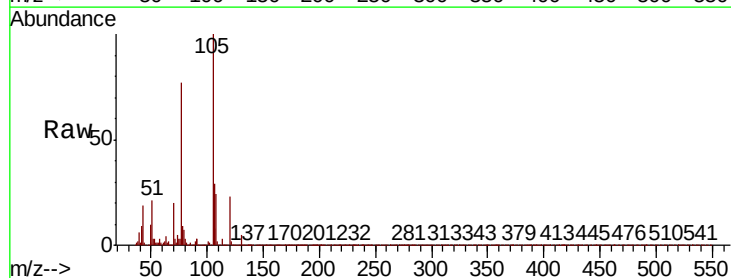


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BP0  
Ion 68.00 (67.70 to 68.70): BP0

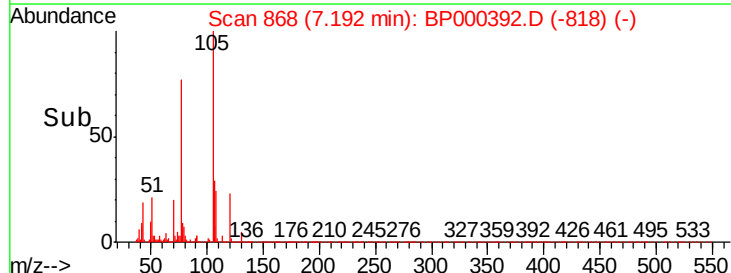
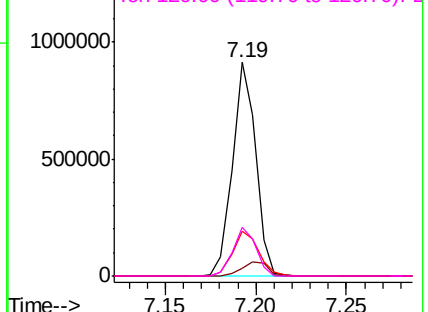


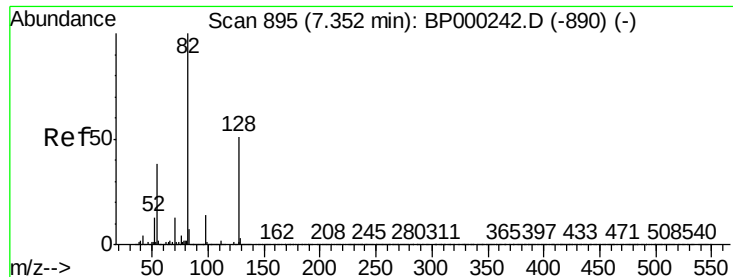
#22  
Acetophenone  
Concen: 50.721 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:105 | Resp: | 817221 |
| Ion Ratio   | Lower | Upper  |
| 105 100     |       |        |
| 71 3.4      | 5.2   | 7.8#   |
| 51 20.9     | 16.6  | 24.8   |
| 120 22.7    | 18.5  | 27.7   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BP0  
Ion 51.00 (50.70 to 51.70): BP0  
Ion 120.00 (119.70 to 120.70): E

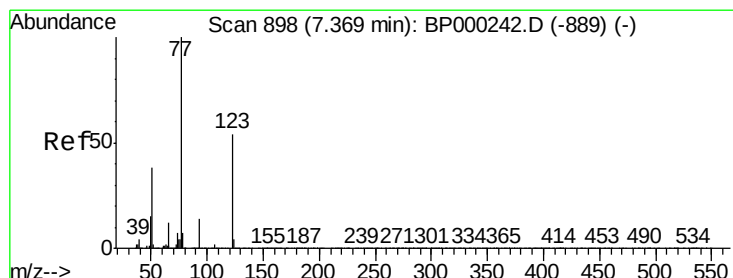
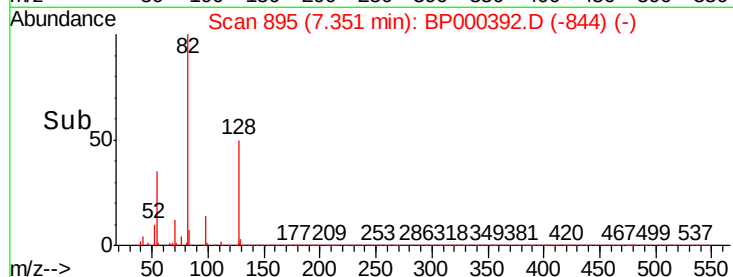
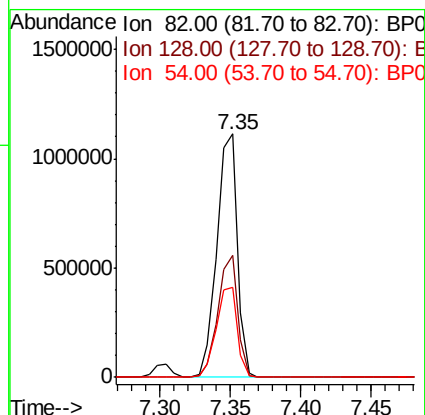
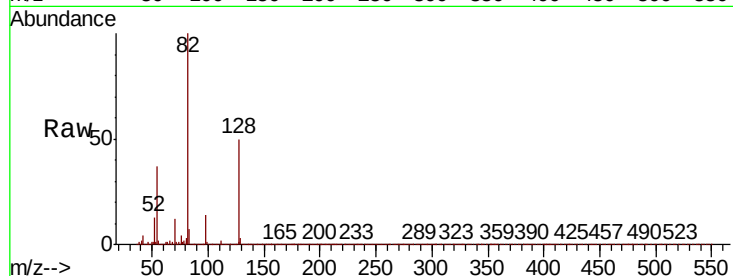




#23  
 Nitrobenzene-d5  
 Concen: 97.578 ng  
 RT: 7.35 min Scan# 895  
 Delta R.T. -0.00 min  
 Lab File: BP000392.D  
 Acq: 24 Sep 2019 18:36

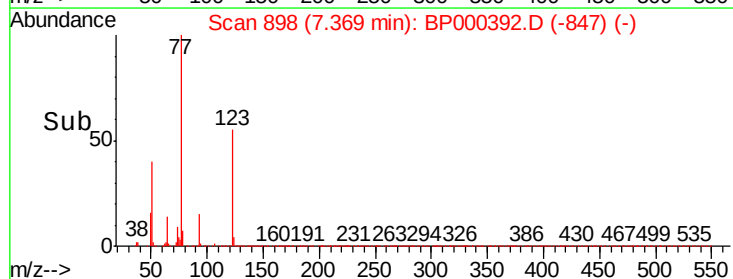
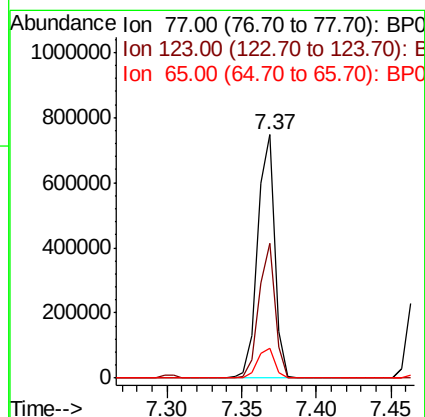
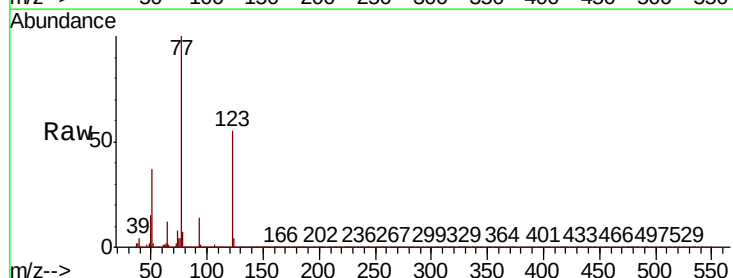
Instrument :  
 BNA\_P  
 ClientSampled :

Tot Ion: 82 Resp: 1124417  
 Ion Ratio Lower Upper  
 82 100  
 128 50.3 40.7 61.1  
 54 36.7 30.1 45.1

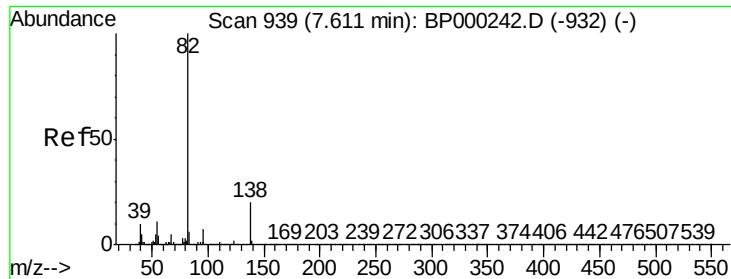


#24  
 Nitrobenzene  
 Concen: 48.664 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. -0.00 min  
 Lab File: BP000392.D  
 Acq: 24 Sep 2019 18:36

Tgt Ion: 77 Resp: 582454  
 Ion Ratio Lower Upper  
 77 100  
 123 55.3 43.1 64.7  
 65 12.0 9.4 14.2







#25

Isophorone

Concen: 47.151 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

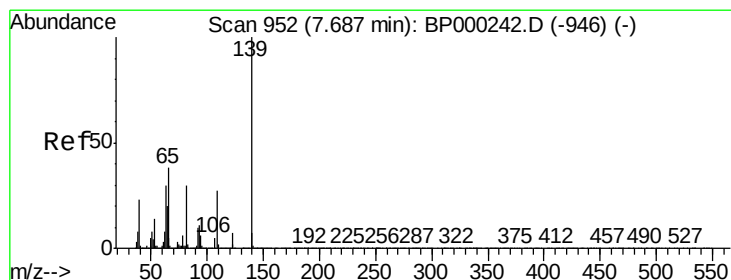
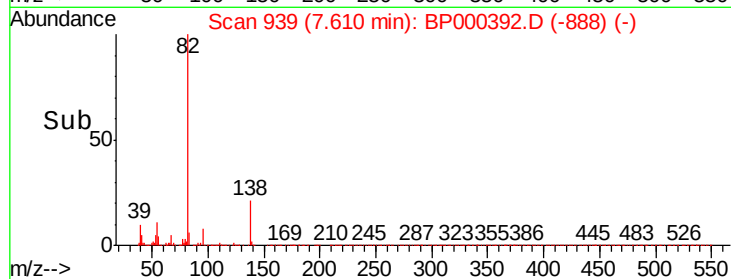
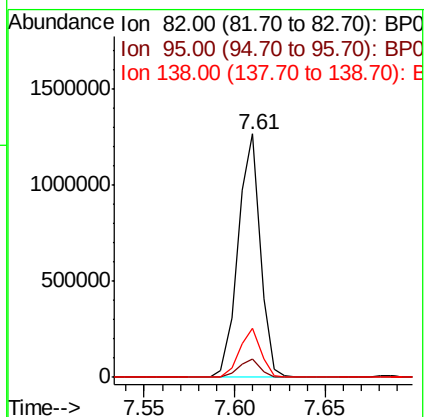
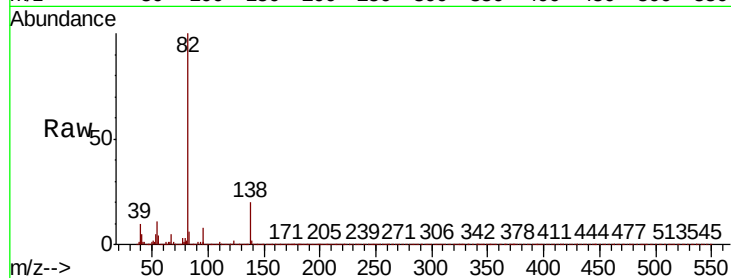
Tot Ion: 82 Resp: 1075870

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.7   | 5.9   | 8.9   |
| 138 | 20.4  | 15.9  | 23.9  |

82 100

95 7.7 5.9 8.9

138 20.4 15.9 23.9



#26

2-Nitrophenol

Concen: 49.181 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

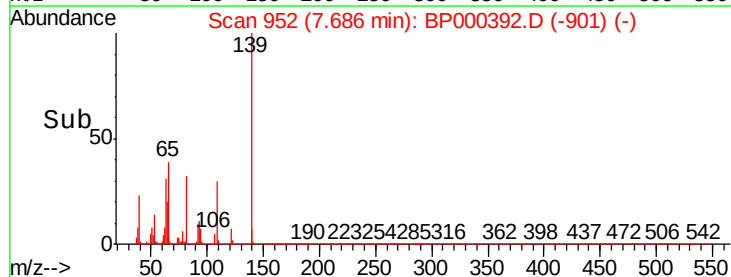
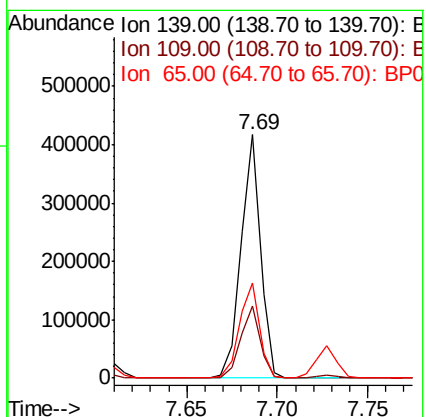
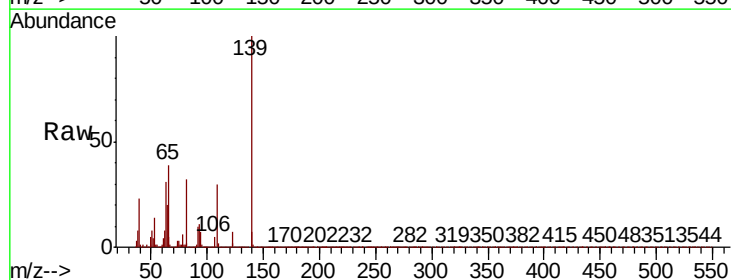
Tgt Ion: 139 Resp: 312064

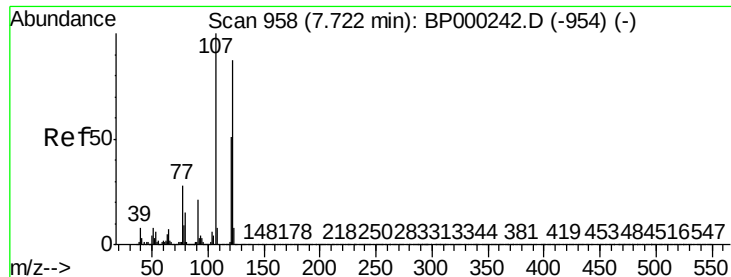
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 29.7  | 21.8  | 32.6  |
| 65  | 38.9  | 30.5  | 45.7  |

139 100

109 29.7 21.8 32.6

65 38.9 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 52.516 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampled :

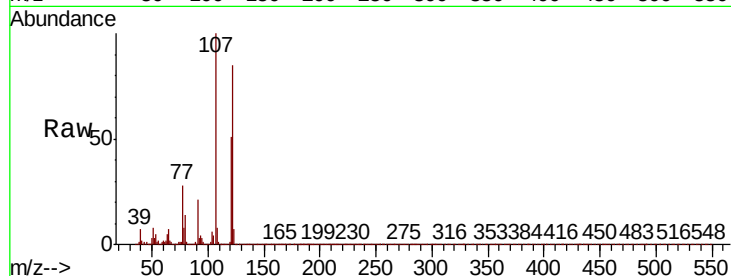
Tot Ion:122 Resp: 530793

Ion Ratio Lower Upper

122 100

107 117.1 91.5 137.3

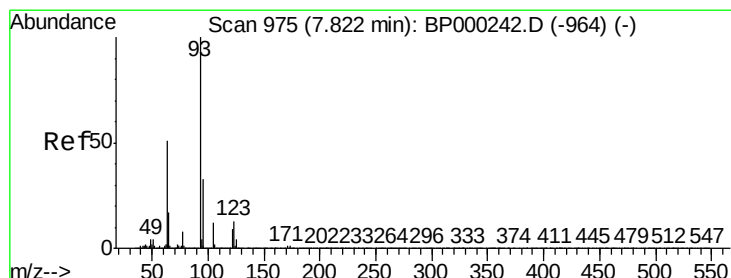
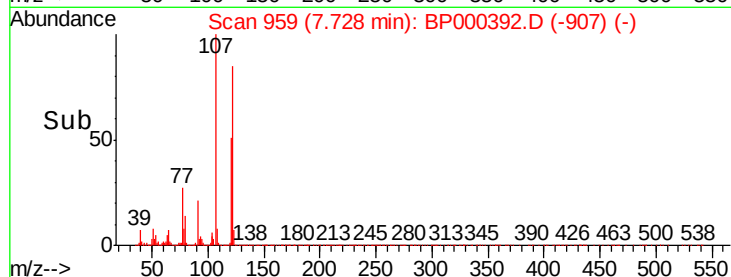
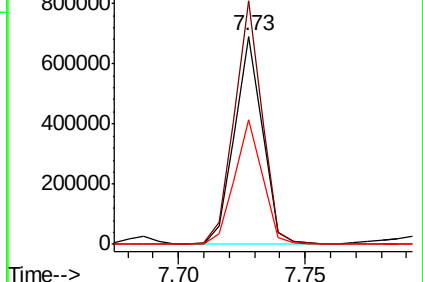
121 60.1 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.640 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

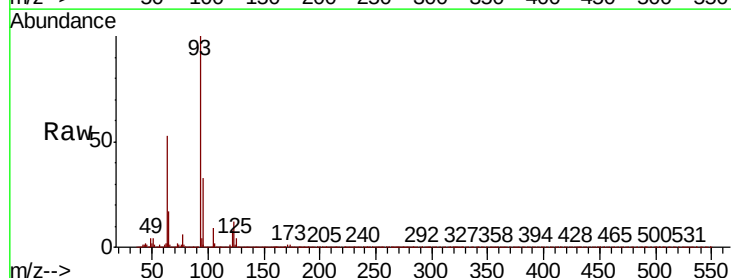
Tgt Ion: 93 Resp: 722999

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

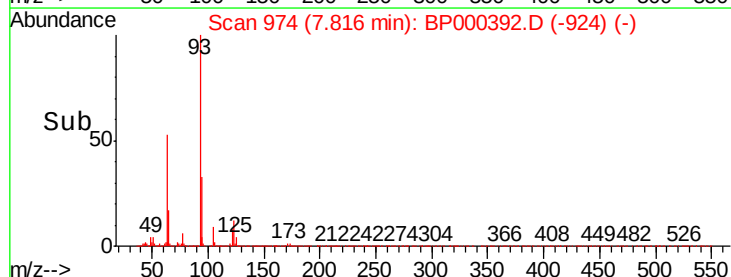
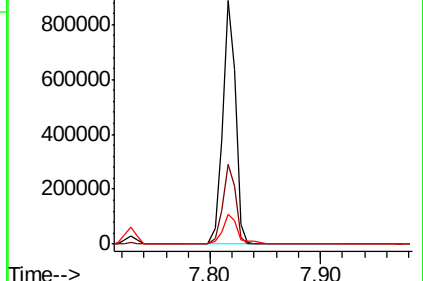
123 12.1 10.2 15.2

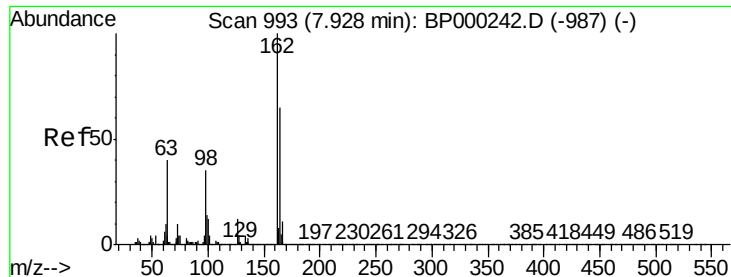


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

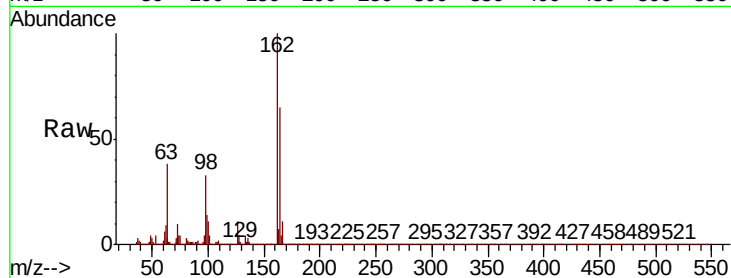




#29  
2,4-Dichlorophenol  
Concen: 52.839 ng  
RT: 7.93 min Scan# 994  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.0  | 44.5  | 84.5  |
| 98      | 33.0  | 15.2  | 55.2  |

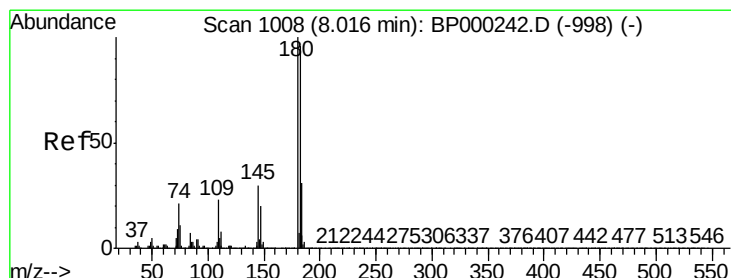
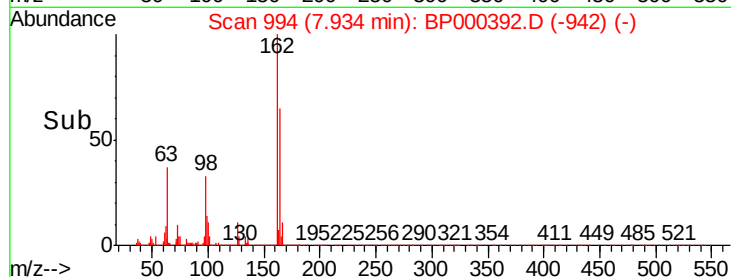
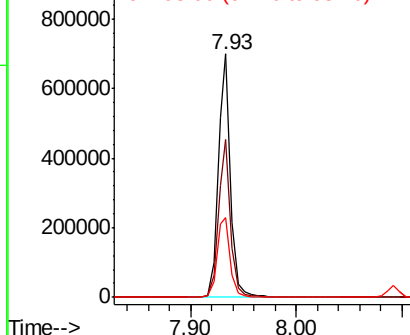


Abundance

Ion 162.00 (161.70 to 162.70): E

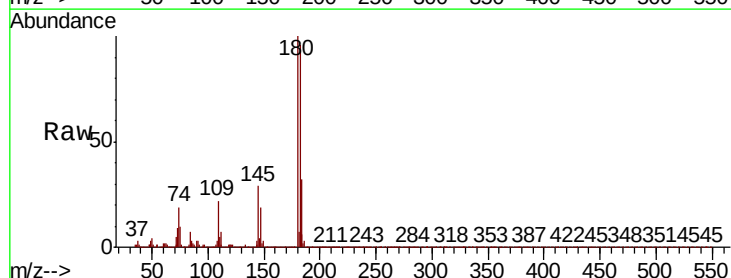
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30  
1,2,4-Trichlorobenzene  
Concen: 46.204 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 77.2  | 115.8 |
| 145     | 29.0  | 24.3  | 36.5  |

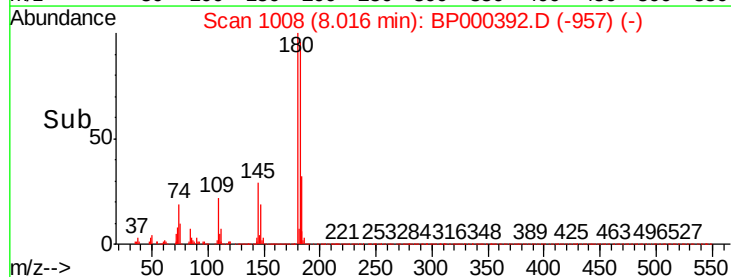
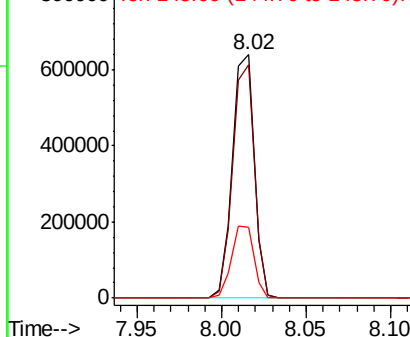


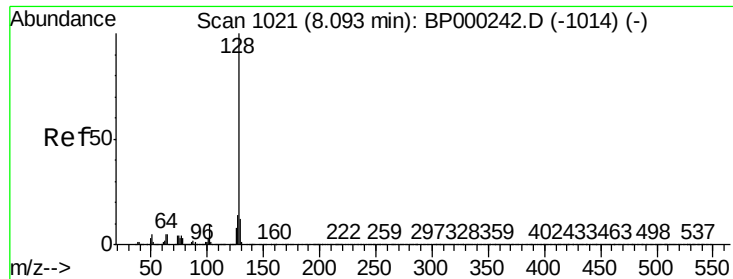
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

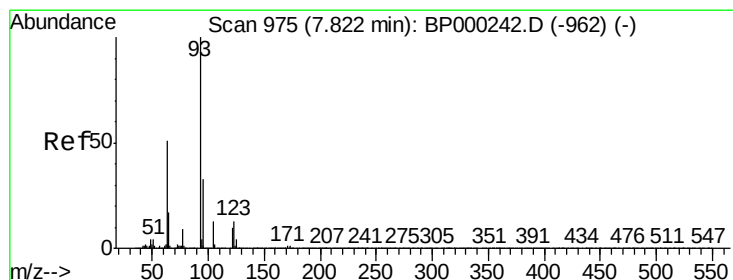
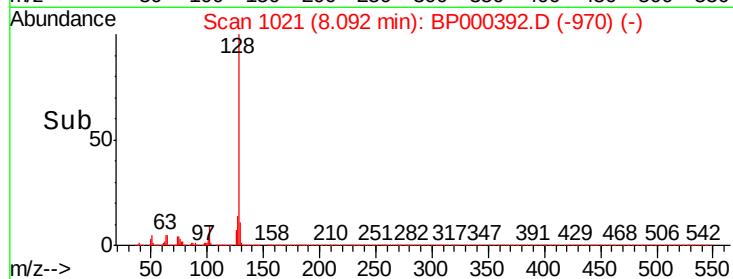
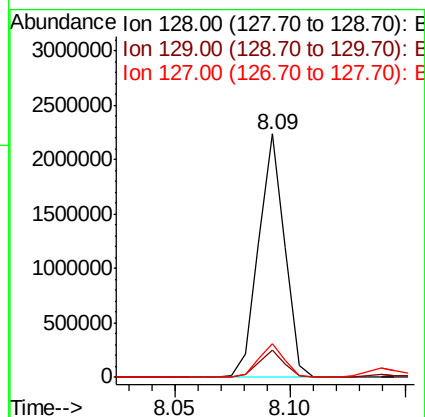
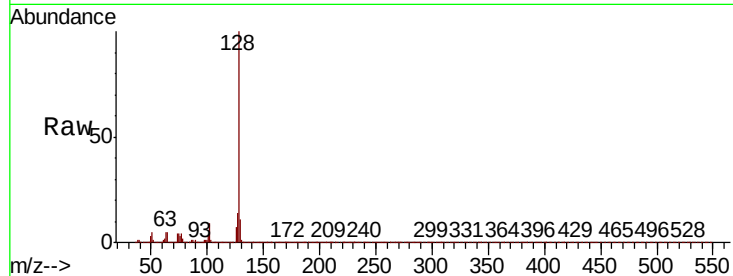




#31  
Naphthalene  
Concen: 51.148 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

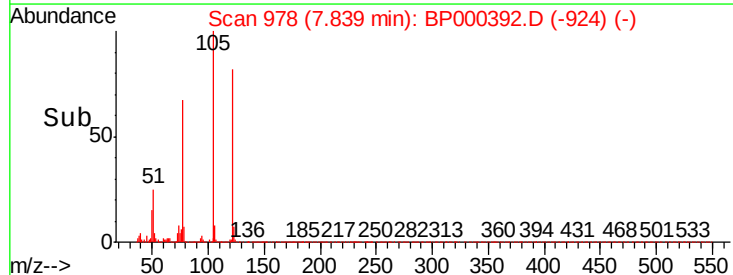
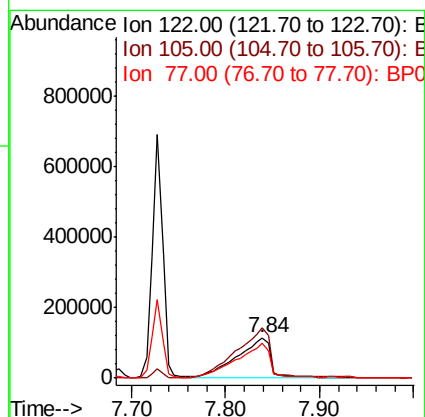
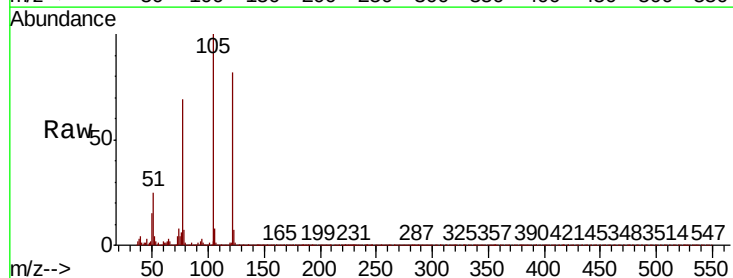
Instrument :  
BNA\_P  
ClientSampleId :

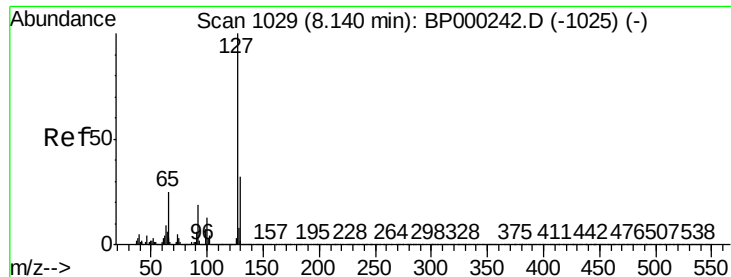
Tot Ion:128 Resp: 1761180  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.2 13.8  
127 13.6 11.0 16.6



#32  
Benzoic acid  
Concen: 41.053 ng  
RT: 7.84 min Scan# 978  
Delta R.T. 0.02 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:122 Resp: 280159  
Ion Ratio Lower Upper  
122 100  
105 122.7 105.4 145.4  
77 84.5 65.3 105.3

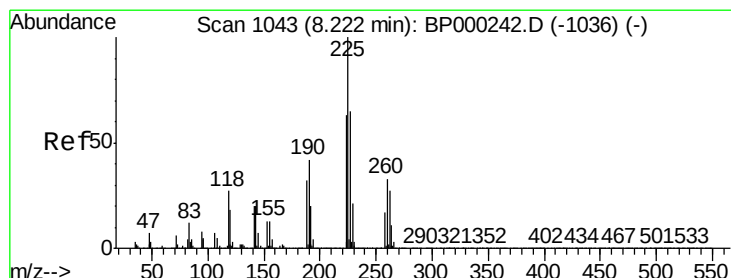
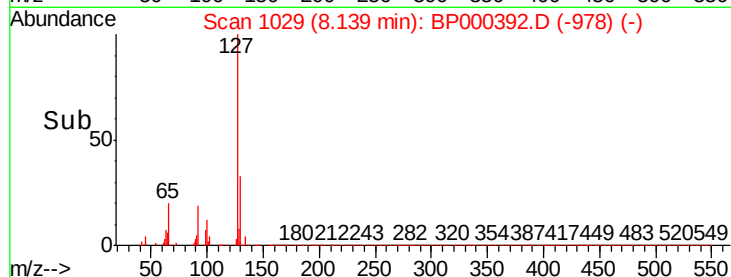
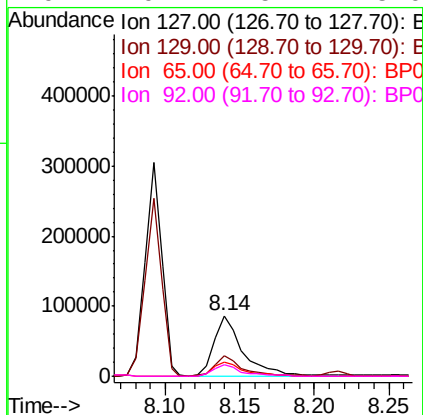
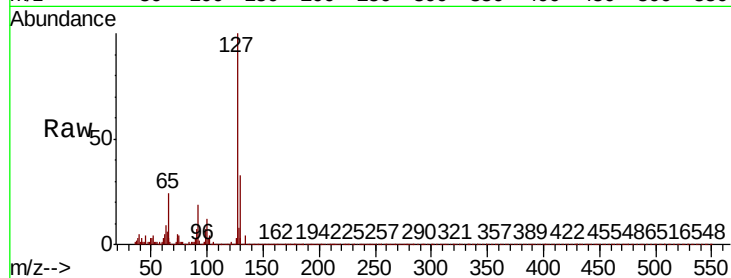




#33  
4-Chloroaniline  
Concen: 7.303 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

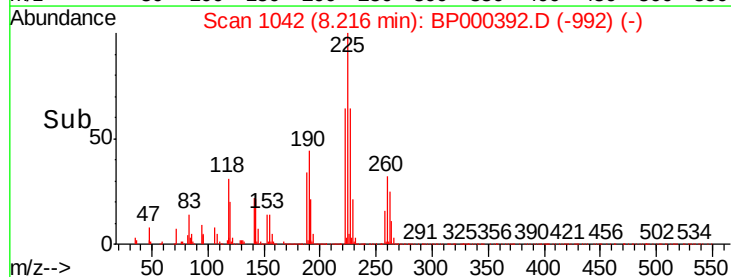
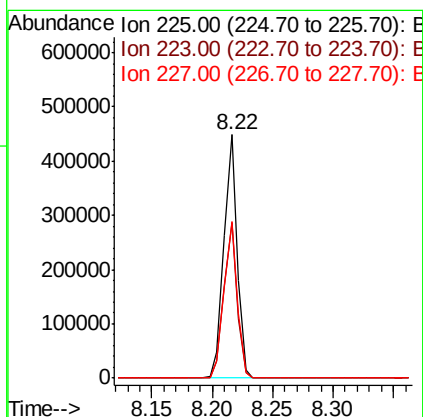
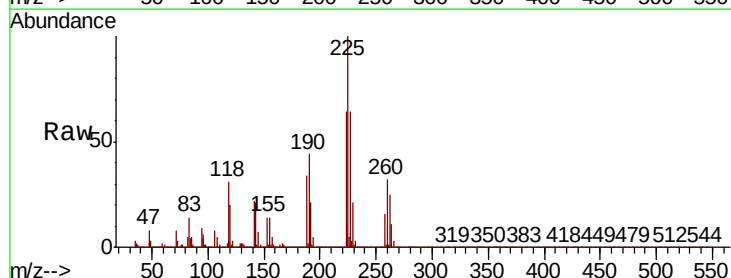
Instrument :  
BNA\_P  
ClientSampleId :

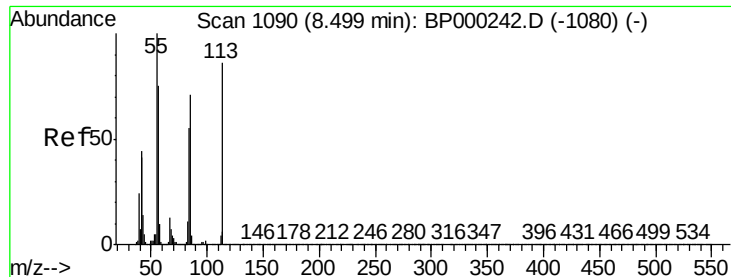
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 113798 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 25.7  | 38.5   |
| 65       | 24.2  | 19.9  | 29.9   |
| 92       | 19.4  | 15.4  | 23.0   |



#34  
Hexachlorobutadiene  
Concen: 46.162 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 339608 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.2  | 75.2   |
| 227      | 64.4  | 51.8  | 77.6   |

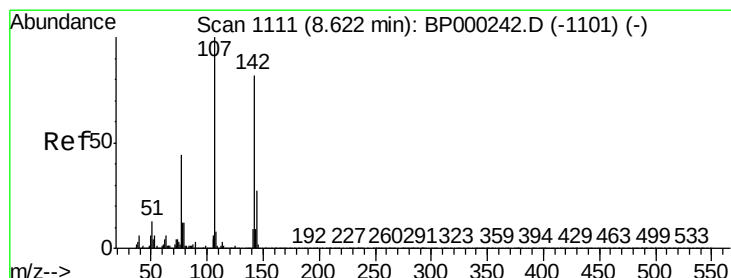
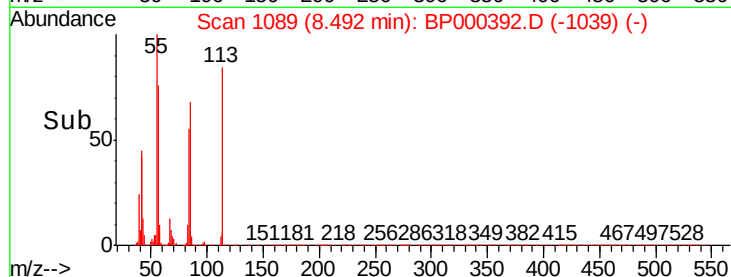
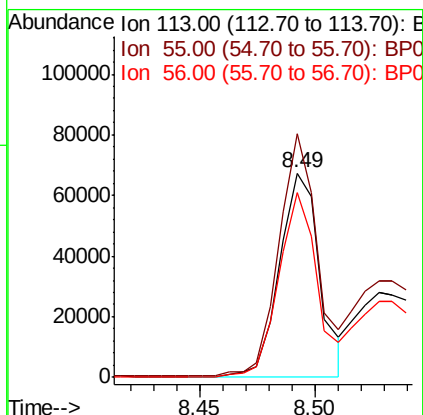
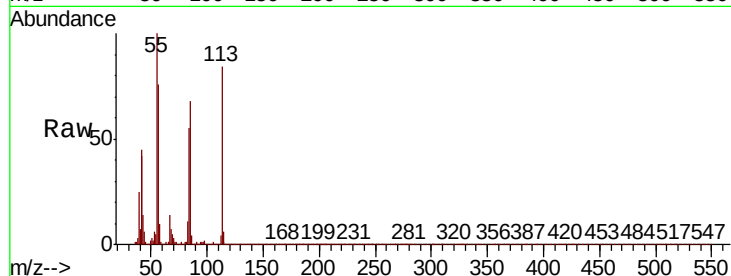




#35  
Caprolactam  
Concen: 21.881 ng  
RT: 8.49 min Scan# 1089  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

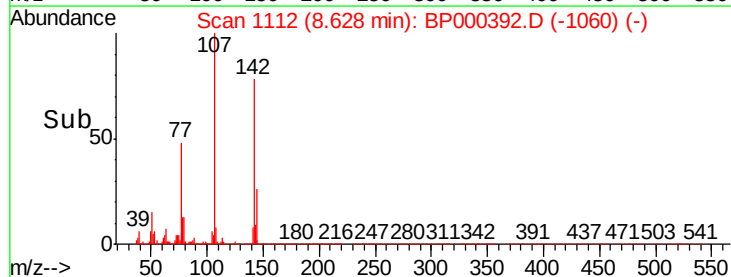
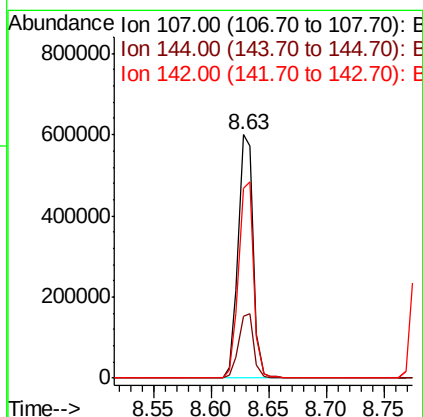
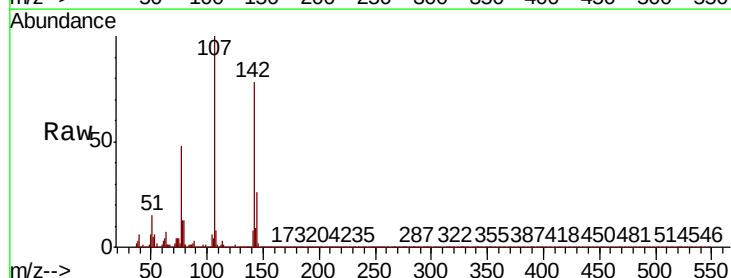
Instrument :  
BNA\_P  
ClientSampleId :

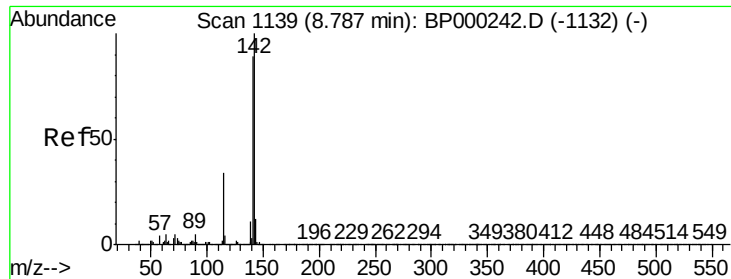
Tot Ion:113 Resp: 80632  
Ion Ratio Lower Upper  
113 100  
55 119.3 96.8 136.8  
56 90.3 67.5 107.5



#36  
4-Chloro-3-methylphenol  
Concen: 49.912 ng  
RT: 8.63 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:107 Resp: 548865  
Ion Ratio Lower Upper  
107 100  
144 25.6 21.5 32.3  
142 77.9 65.7 98.5





#37

2-Methylnaphthalene

Concen: 49.862 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

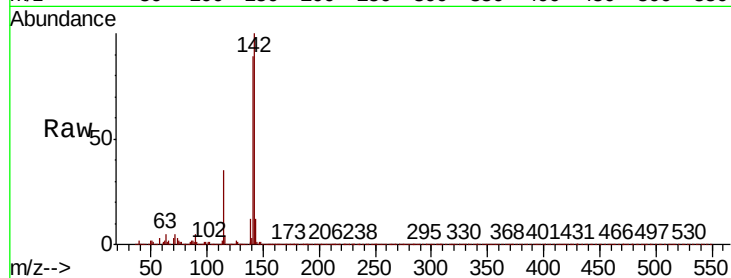
Tot Ion:142 Resp: 1173684

Ion Ratio Lower Upper

142 100

141 89.2 71.3 106.9

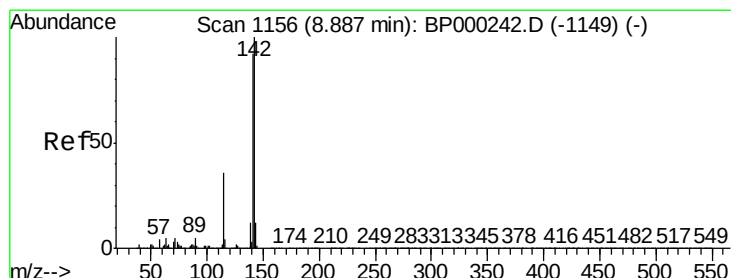
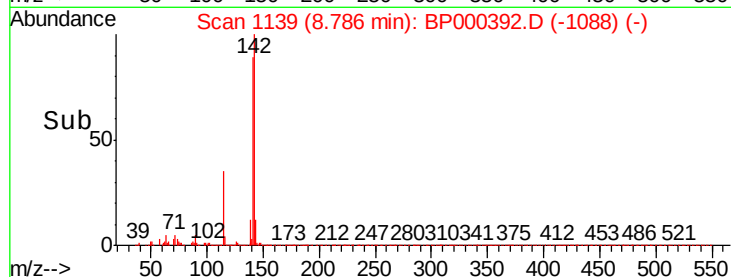
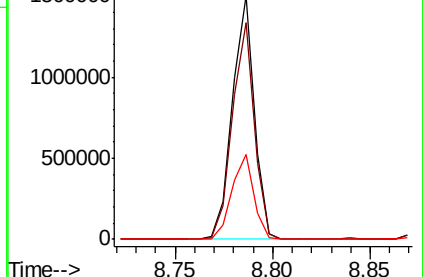
115 35.0 27.2 40.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.380 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

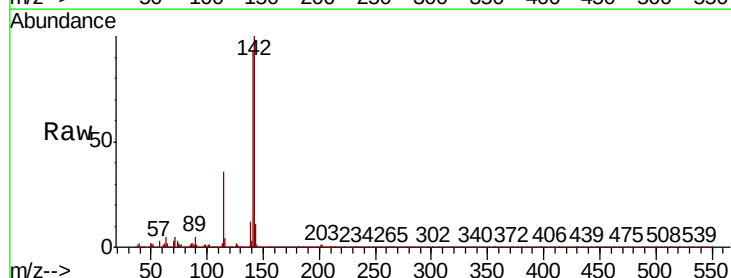
Tgt Ion:142 Resp: 1110845

Ion Ratio Lower Upper

142 100

141 93.0 73.9 110.9

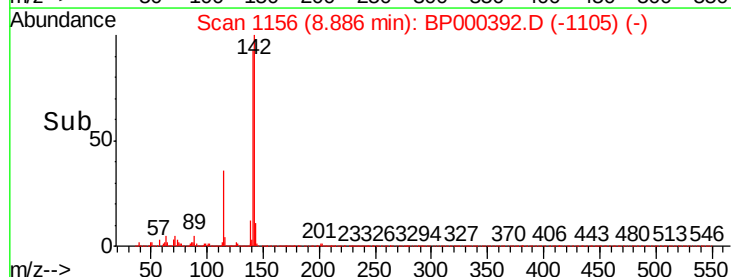
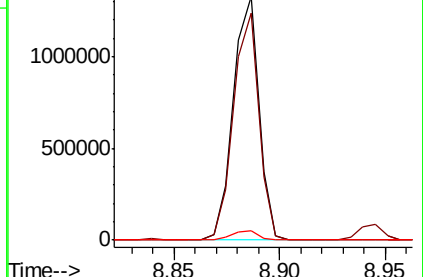
116 3.7 3.0 4.6

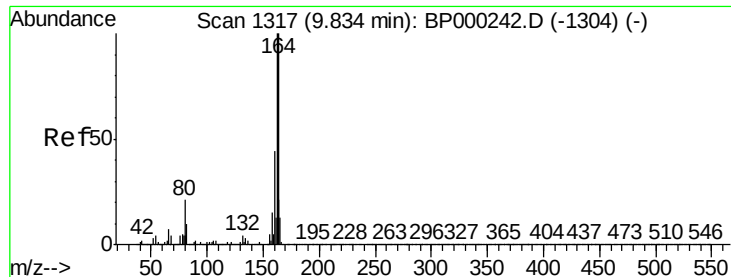


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

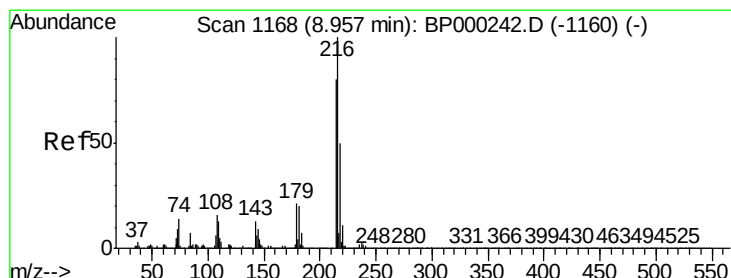
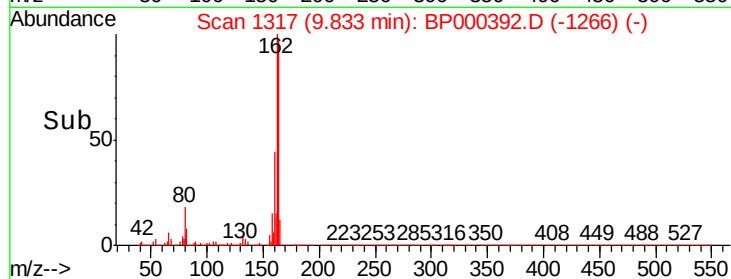
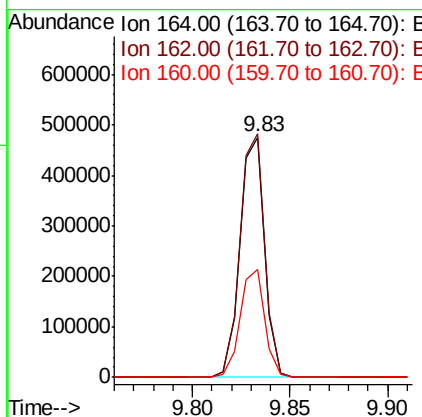
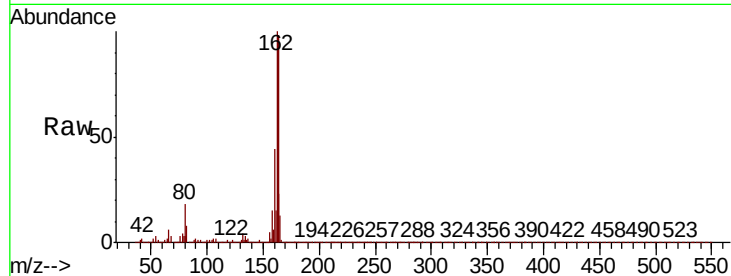




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

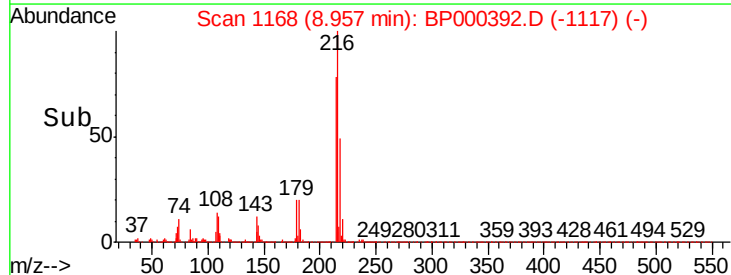
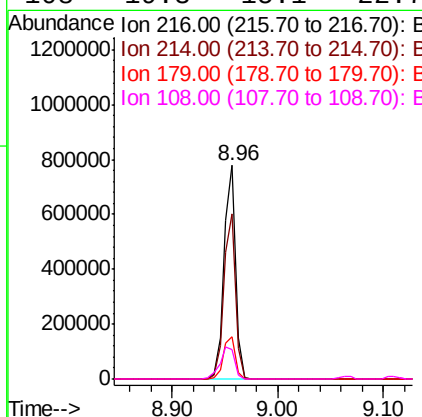
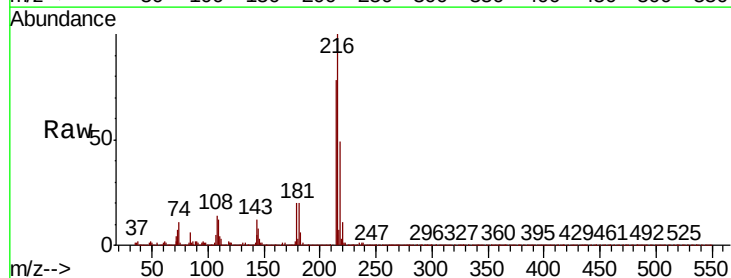
Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.5 | 79.9  | 119.9 |
| 160     | 45.1  | 35.6  | 53.4  |

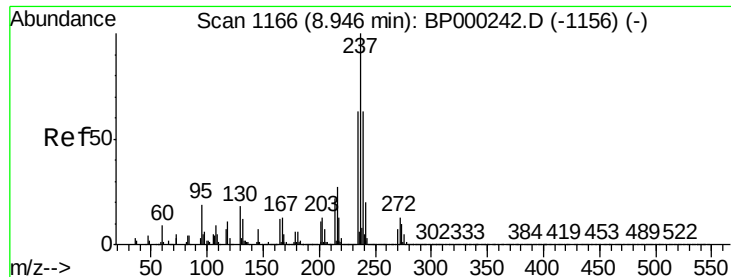


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.444 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.6  | 63.6  | 95.4  |
| 179     | 20.9  | 17.0  | 25.4  |
| 108     | 19.3  | 15.1  | 22.7  |







#41

Hexachlorocyclopentadiene

Concen: 81.550 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

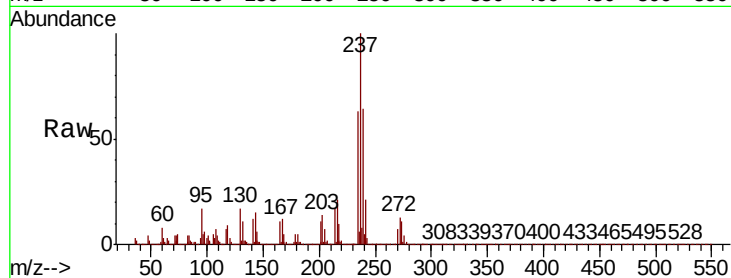
Tot Ion:237 Resp: 552953

Ion Ratio Lower Upper

237 100

235 62.6 43.5 83.5

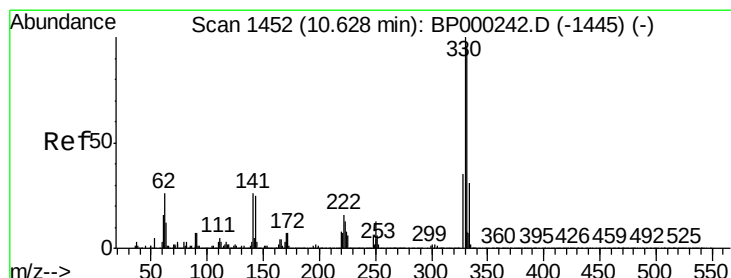
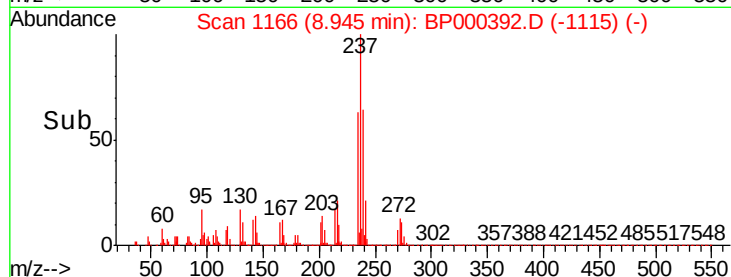
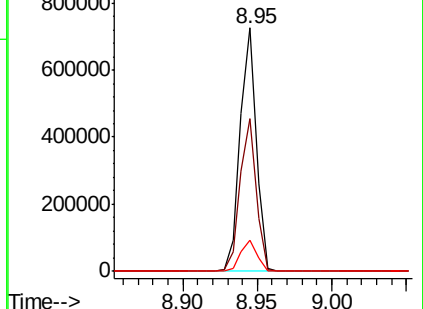
272 13.0 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 159.193 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

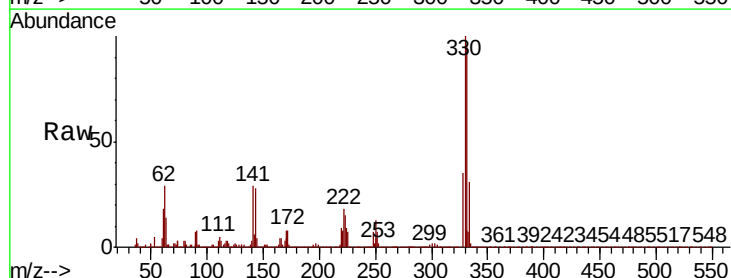
Tgt Ion:330 Resp: 652098

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

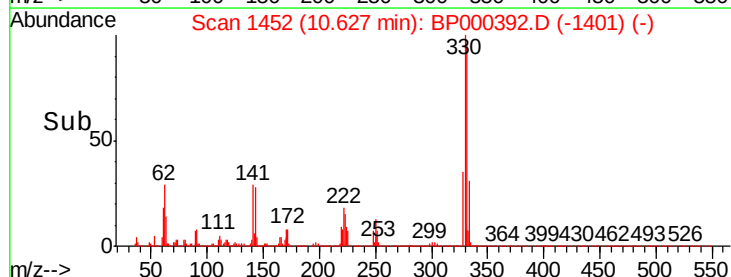
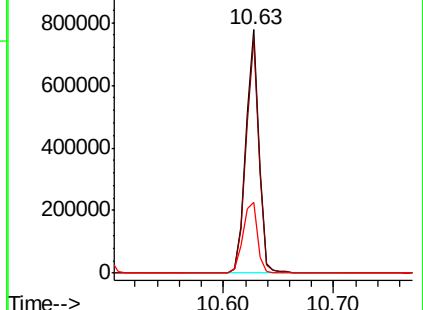
141 32.3 26.5 39.7

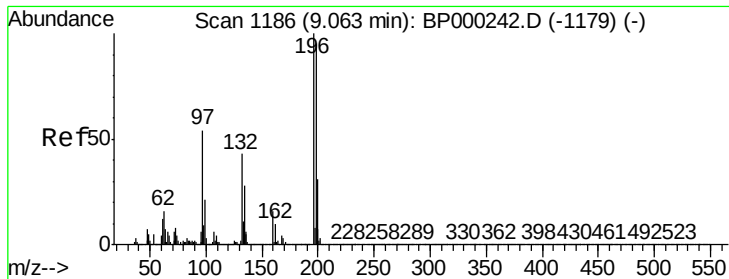


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

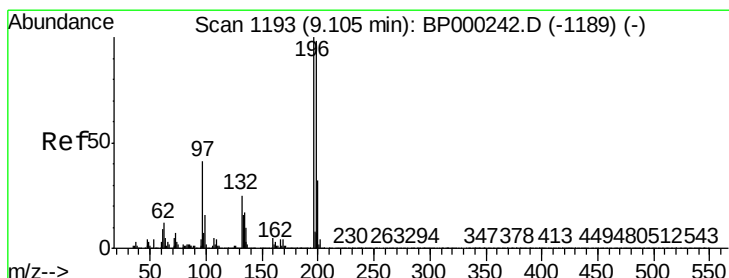
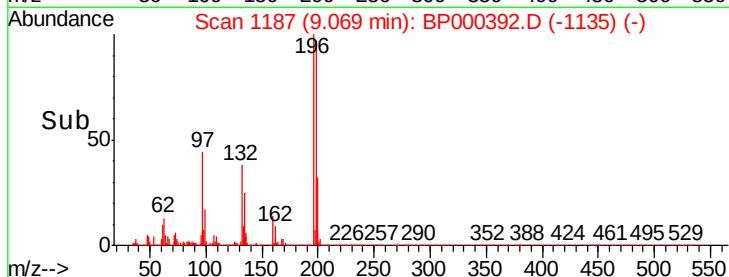
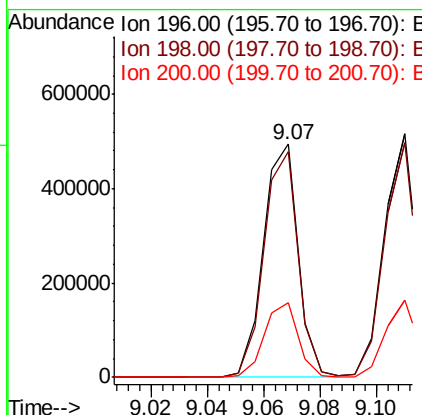
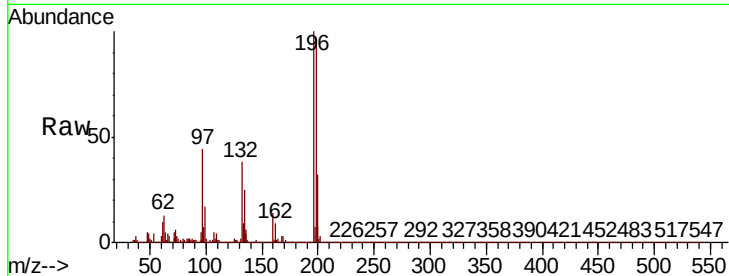




#43  
2,4,6-Trichlorophenol  
Concen: 51.635 ng  
RT: 9.07 min Scan# 1187  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

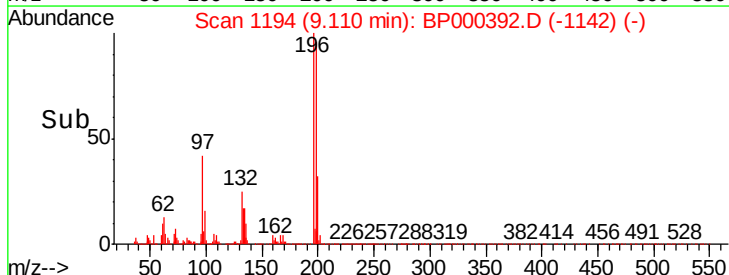
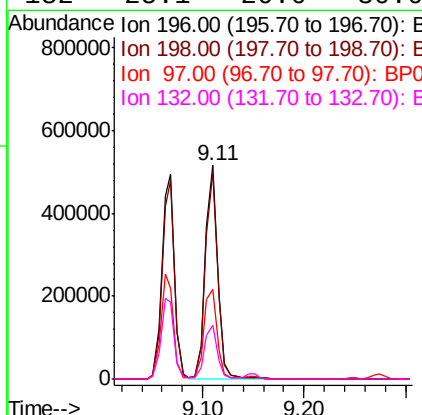
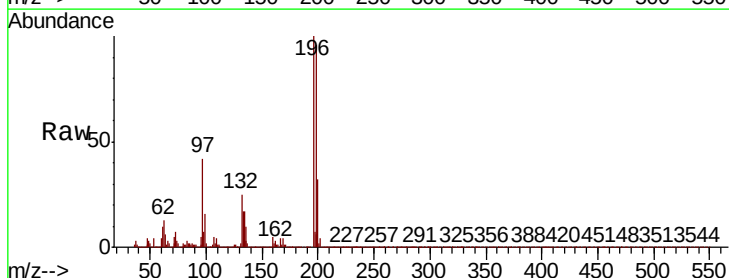
Instrument :  
BNA\_P  
ClientSampleId :

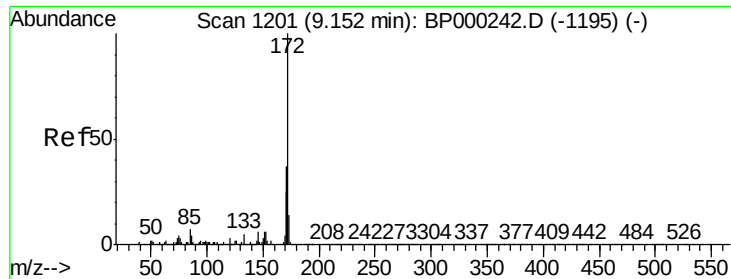
Tot Ion:196 Resp: 421891  
Ion Ratio Lower Upper  
196 100  
198 97.0 76.0 114.0  
200 31.8 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 52.033 ng  
RT: 9.11 min Scan# 1194  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:196 Resp: 435334  
Ion Ratio Lower Upper  
196 100  
198 96.4 78.1 117.1  
97 42.0 33.3 49.9  
132 25.1 20.0 30.0

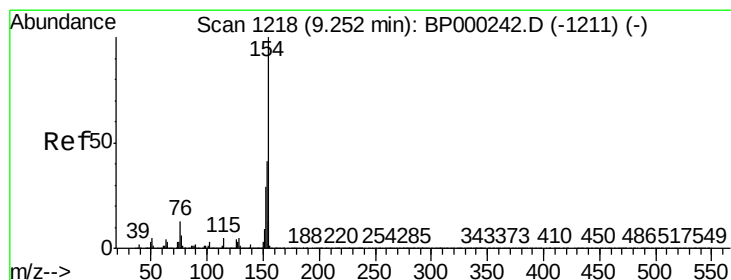
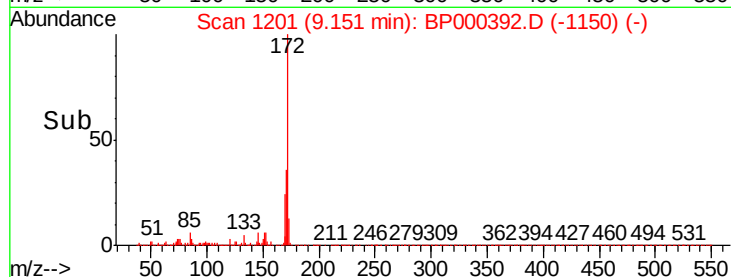
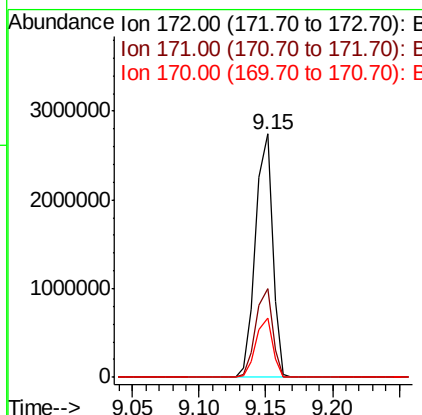
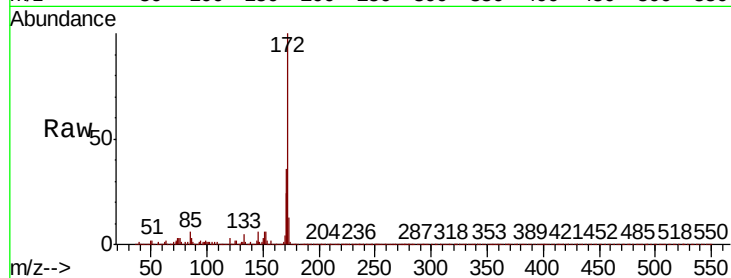




#45  
2-Fluorobiphenyl  
Concen: 104.160 ng  
RT: 9.15 min Scan# 1201  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

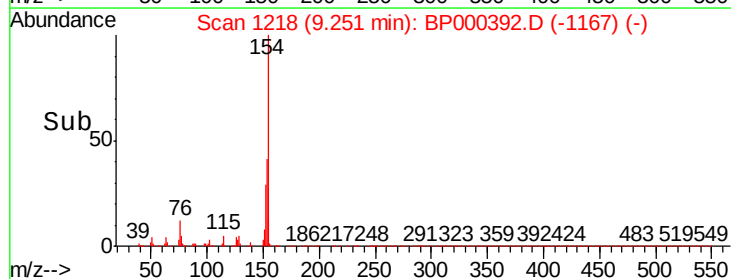
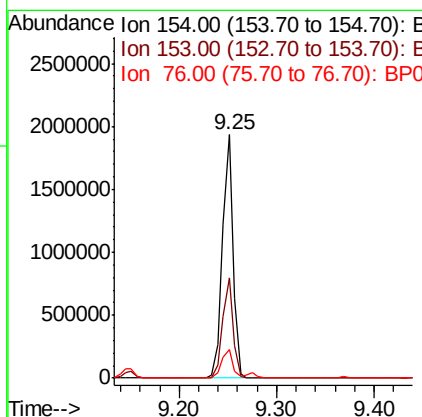
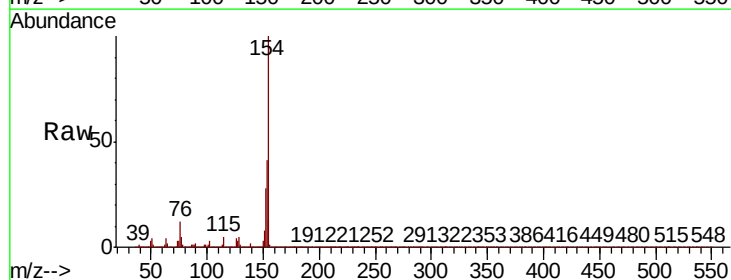
Instrument :  
BNA\_P  
ClientSampleId :

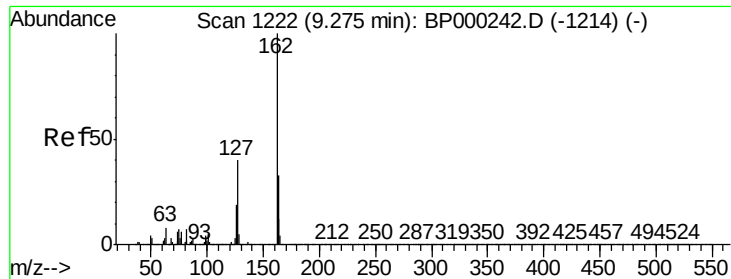
Tot Ion:172 Resp: 2390081  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.8 44.6  
170 24.3 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 50.878 ng  
RT: 9.25 min Scan# 1218  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:154 Resp: 1453583  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.4 61.4  
76 11.8 0.0 33.4





#47

2-Chloronaphthalene

Concen: 47.813 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

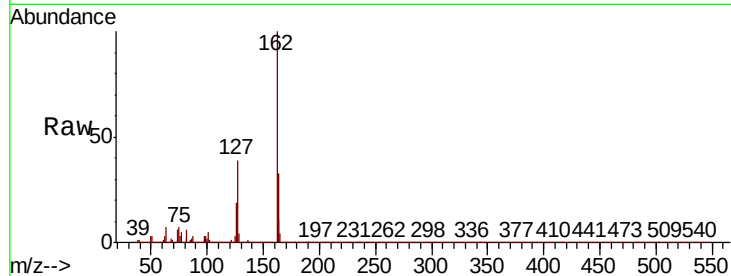
Tot Ion:162 Resp: 1145877

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 39.2  | 32.4  | 48.6  |
| 164 | 32.9  | 26.3  | 39.5  |

162 100

127 39.2 32.4 48.6

164 32.9 26.3 39.5

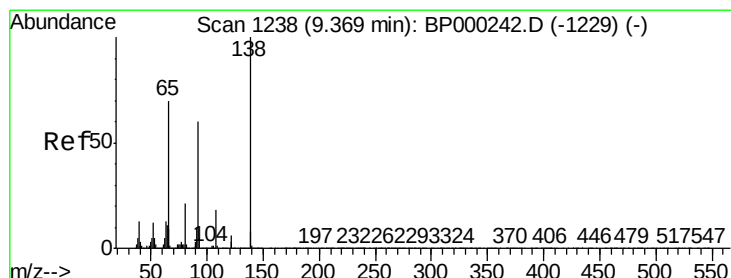
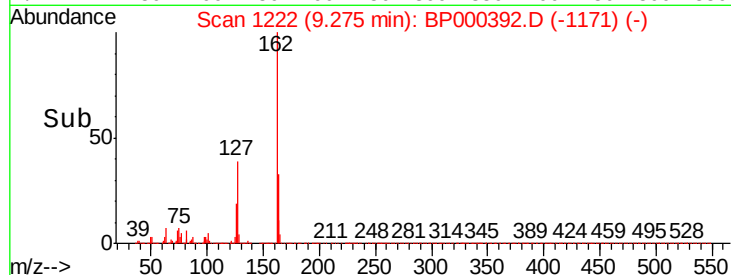
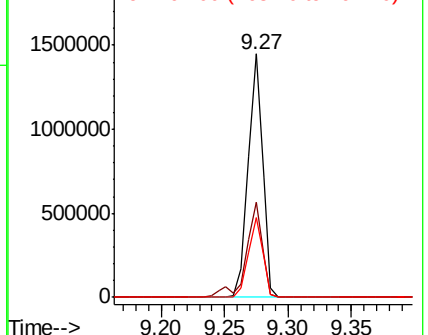


Abundance

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: 46.706 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

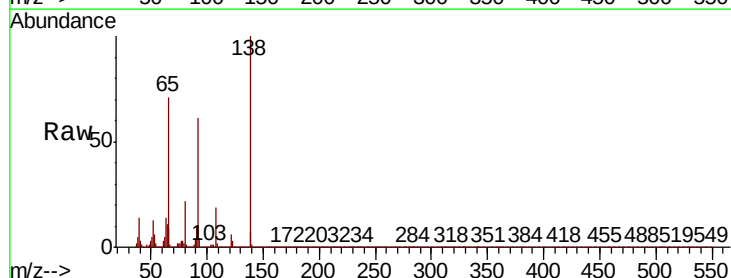
Tgt Ion: 65 Resp: 284256

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 85.0  | 68.7  | 103.1 |
| 138 | 140.2 | 114.4 | 171.6 |

65 100

92 85.0 68.7 103.1

138 140.2 114.4 171.6

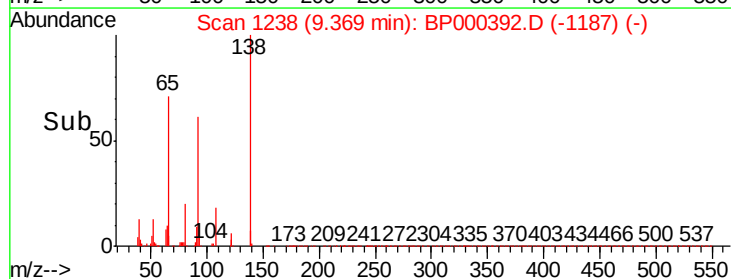
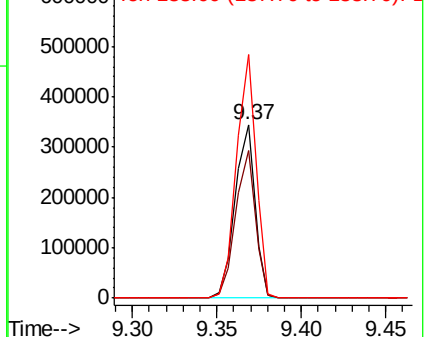


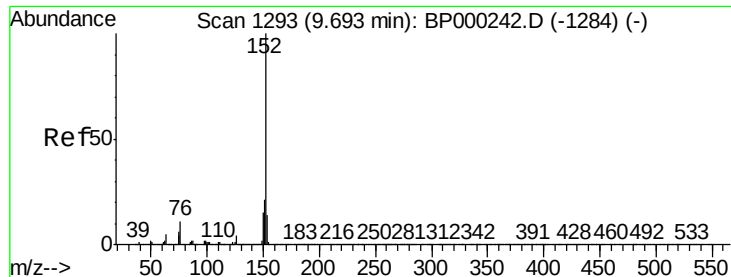
Abundance

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: 52.104 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

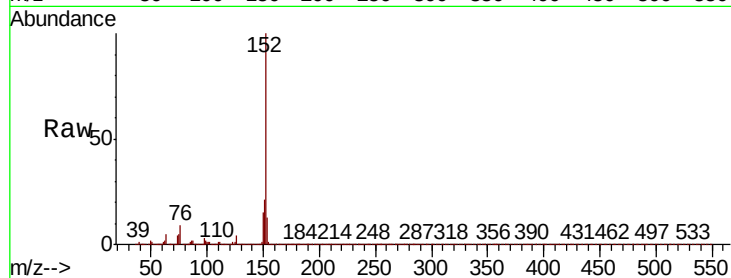
Tot Ion:152 Resp: 1877050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.7  | 16.4  | 24.6  |
| 153 | 13.5  | 11.0  | 16.4  |

152 100

151 20.7 16.4 24.6

153 13.5 11.0 16.4

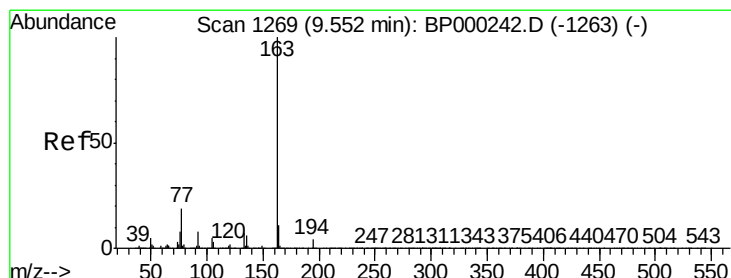
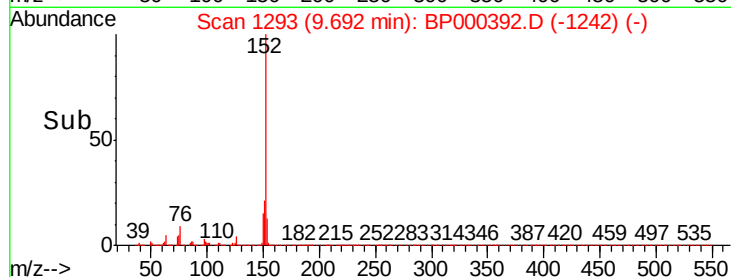
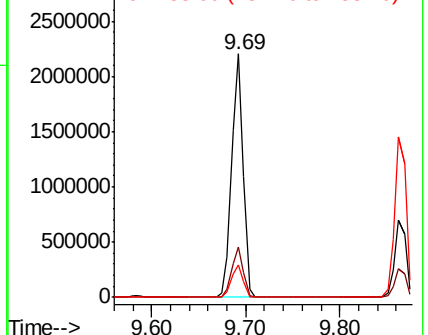


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.189 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

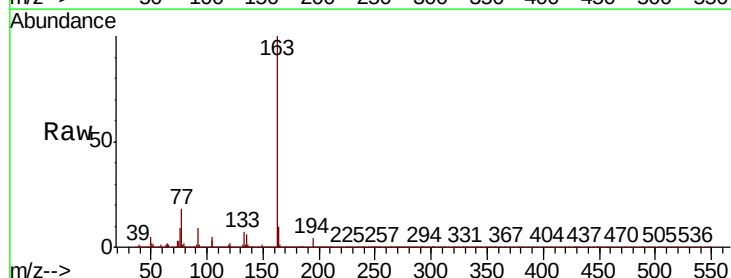
Tgt Ion:163 Resp: 1609157

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.4   | 5.0   |
| 164 | 10.5  | 8.5   | 12.7  |

163 100

194 4.3 3.4 5.0

164 10.5 8.5 12.7

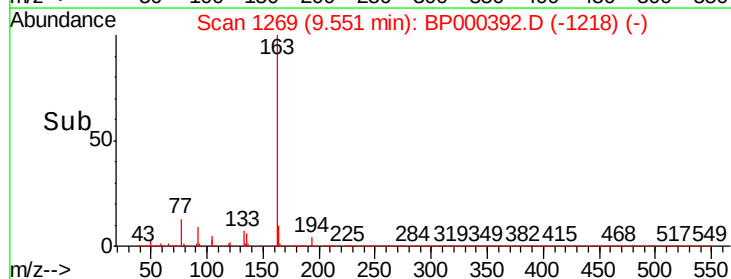
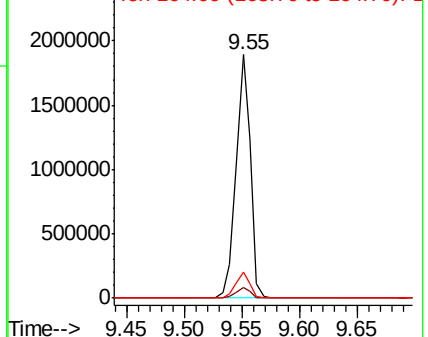


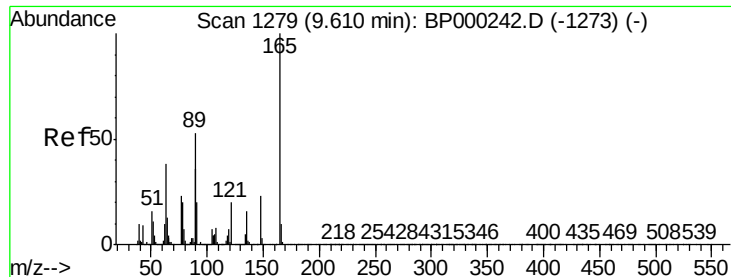
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

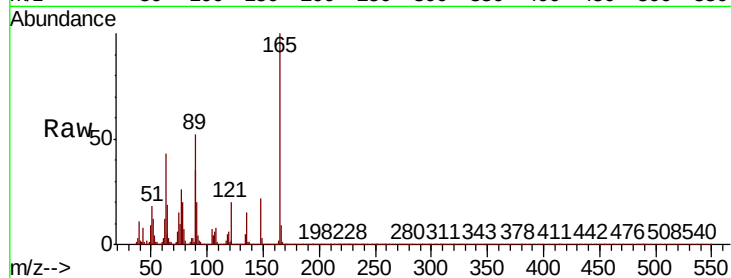




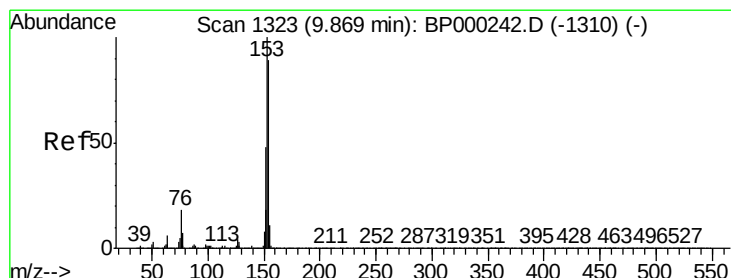
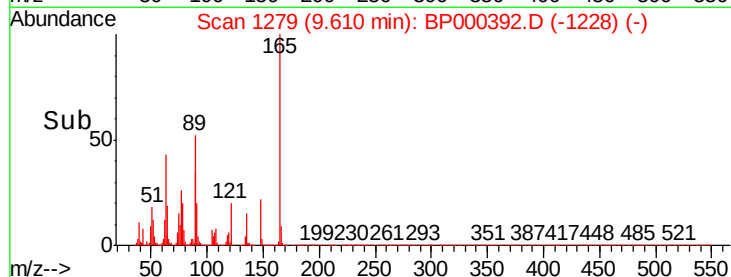
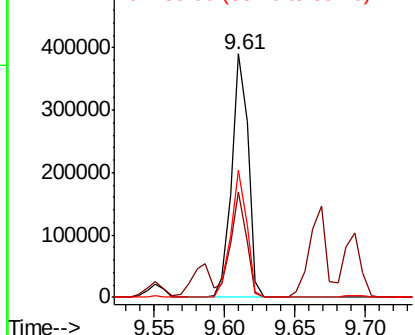
#51  
2,6-Dinitrotoluene  
Concen: 51.248 ng  
RT: 9.61 min Scan# 1279  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.1  | 35.8  | 53.8  |
| 89      | 52.1  | 42.6  | 63.8  |

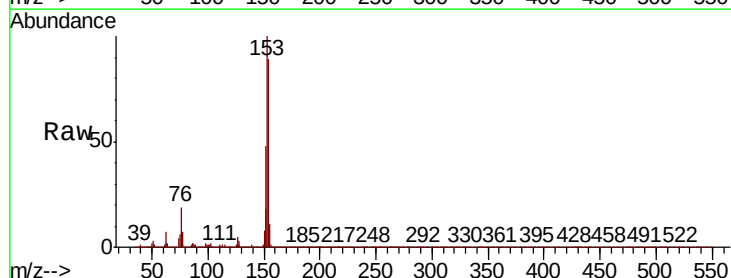


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BP0  
Ion 89.00 (88.70 to 89.70): BP0

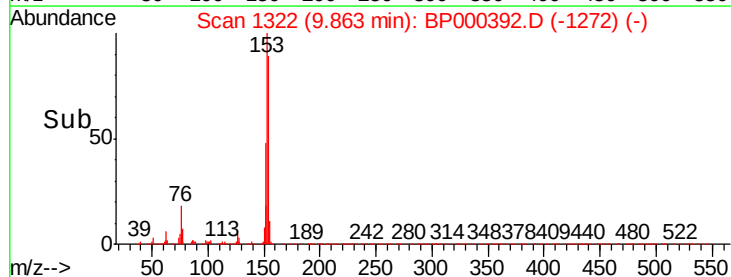
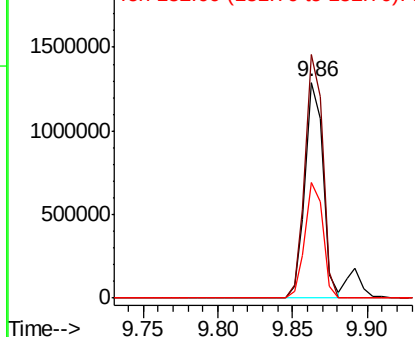


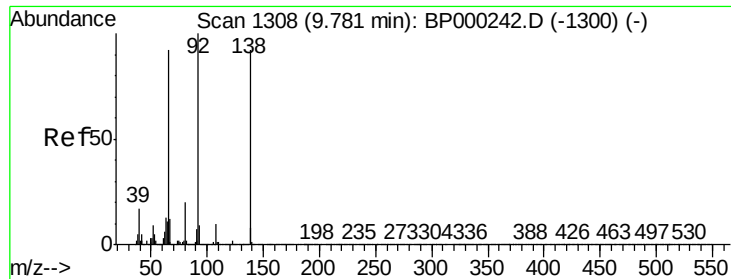
#52  
Acenaphthene  
Concen: 47.918 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.9 | 89.8  | 134.6 |
| 152     | 53.9  | 43.4  | 65.0  |



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

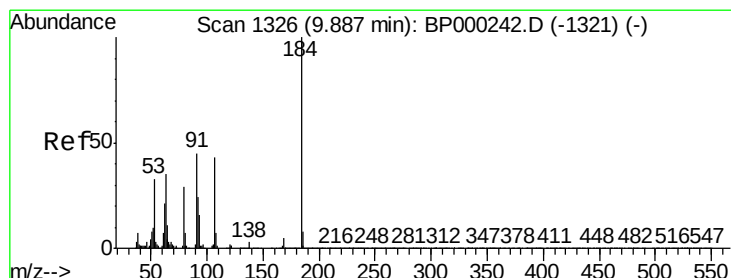
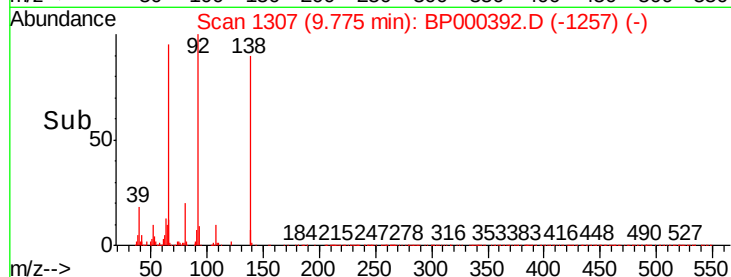
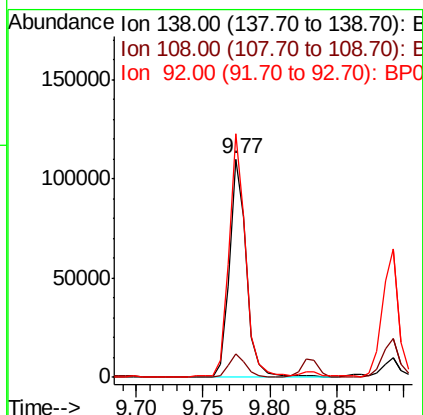
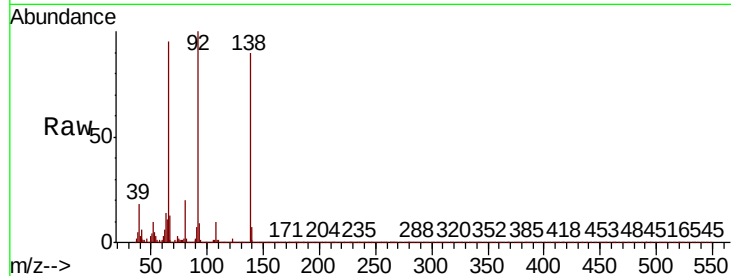




#53  
3-Nitroaniline  
Concen: 13.627 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

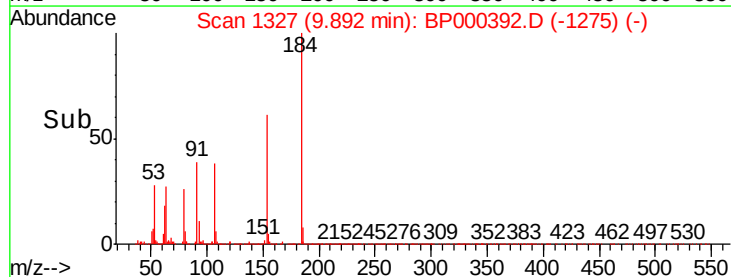
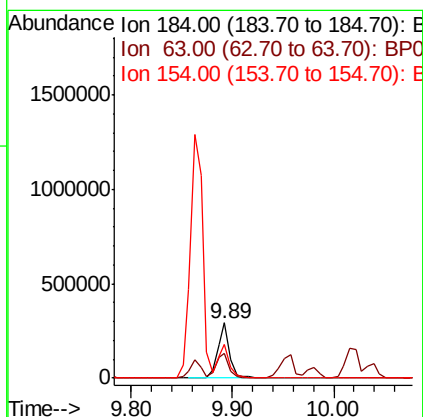
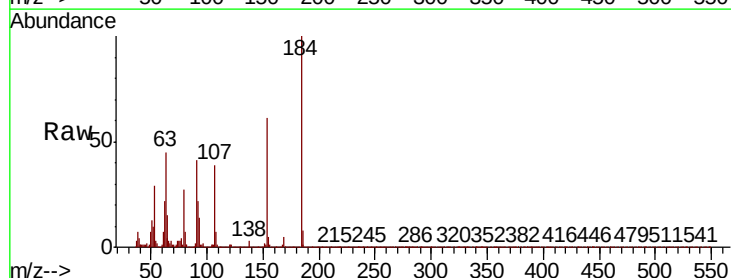
Instrument :  
BNA\_P  
ClientSampleId :

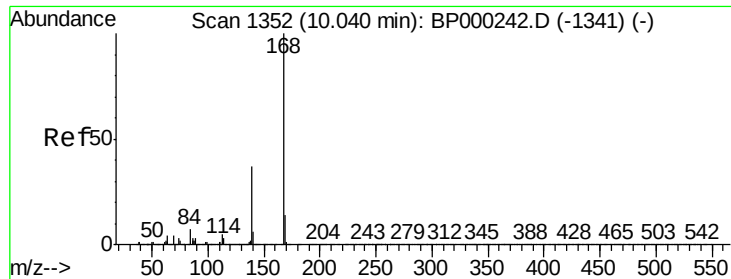
Tot Ion:138 Resp: 97855  
Ion Ratio Lower Upper  
138 100  
108 10.9 9.1 13.7  
92 111.4 86.7 130.1



#54  
2,4-Dinitrophenol  
Concen: 88.171 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:184 Resp: 241000  
Ion Ratio Lower Upper  
184 100  
63 45.0 39.5 59.3  
154 60.8 48.8 73.2

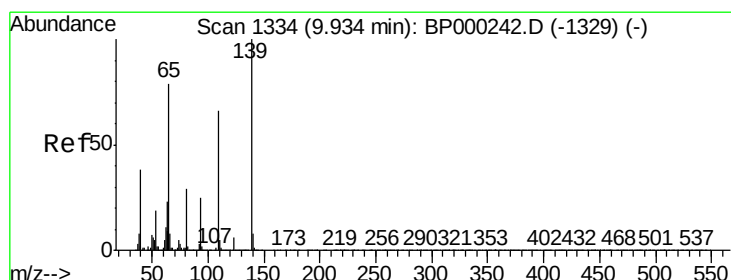
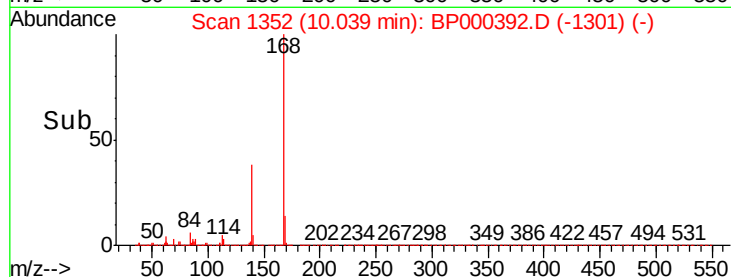
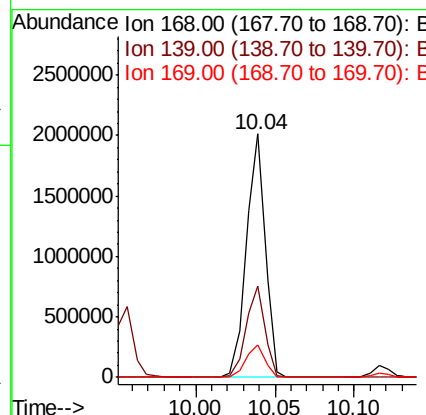
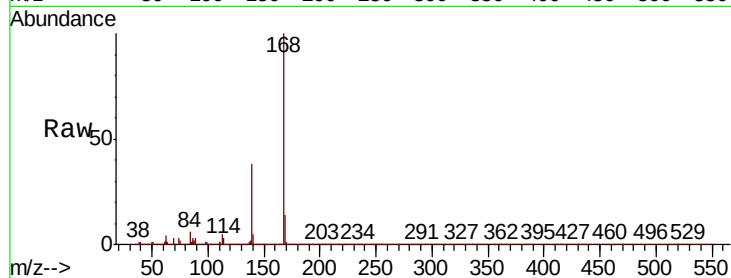




#55  
Dibenzofuran  
Concen: 51.311 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

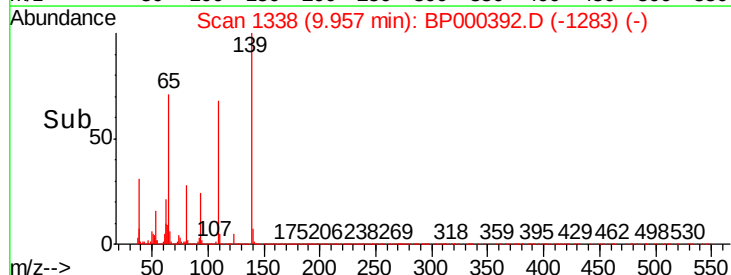
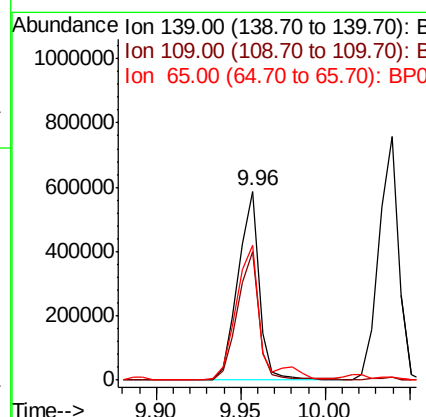
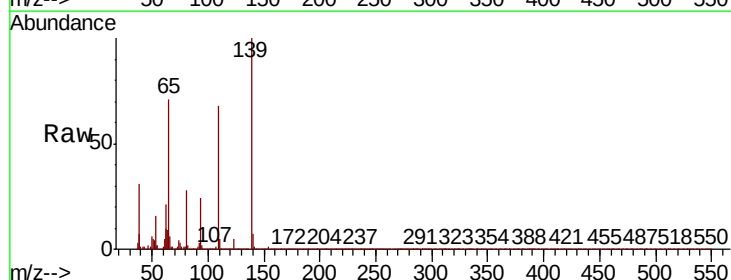
Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:168 Resp: 1649005  
Ion Ratio Lower Upper  
168 100  
139 37.6 30.0 45.0  
169 13.5 11.0 16.6

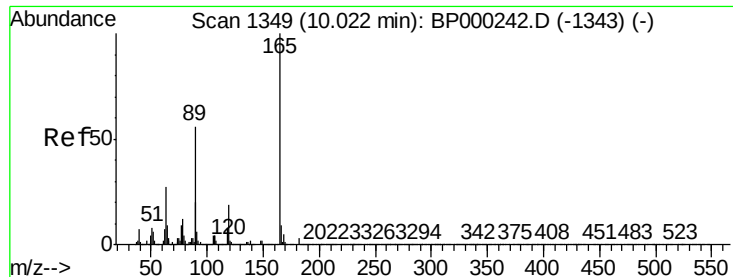


#56  
4-Nitrophenol  
Concen: 96.047 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.02 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:139 Resp: 513004  
Ion Ratio Lower Upper  
139 100  
109 68.2 46.2 86.2  
65 71.4 59.4 99.4







#57

2,4-Dinitrotoluene

Concen: 52.920 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000392.D

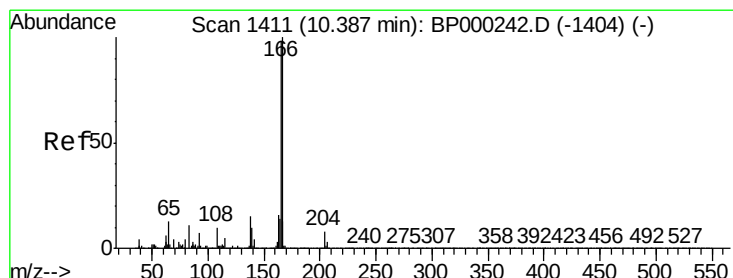
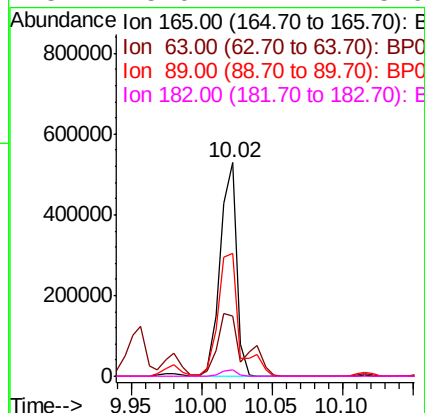
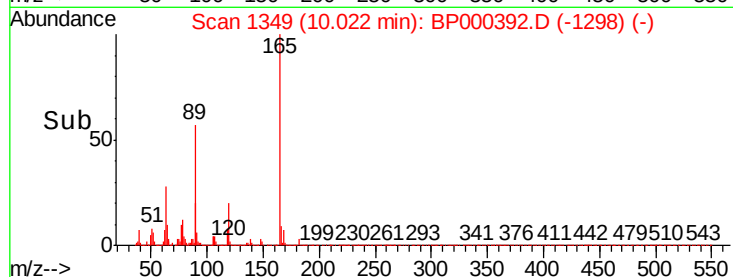
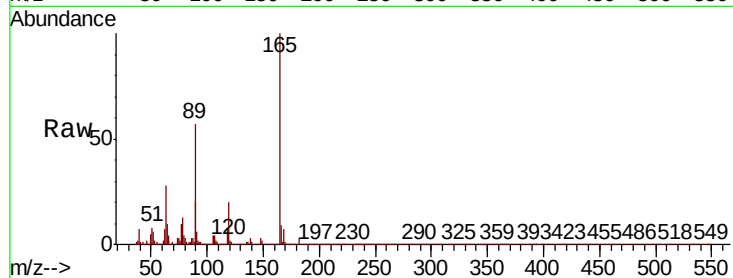
Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:165 | Resp: | 428015      |
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 28.3  | 21.7 32.5   |
| 89          | 57.3  | 45.0 67.6   |
| 182         | 3.0   | 2.4 3.6     |



#58

Fluorene

Concen: 51.218 ng

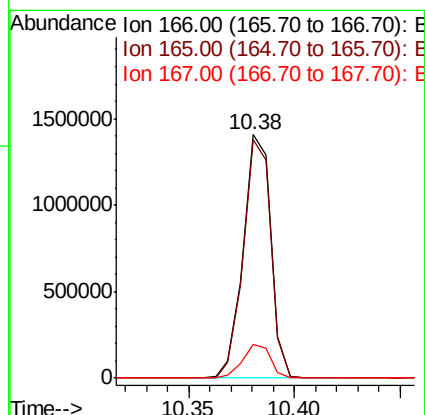
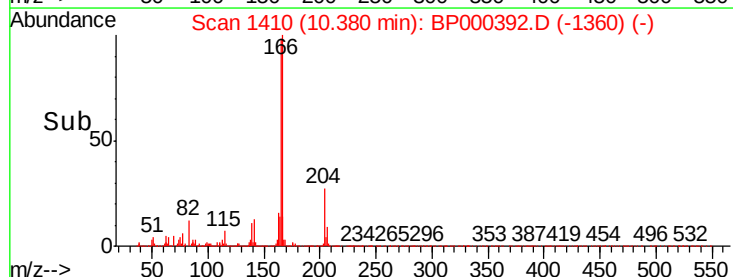
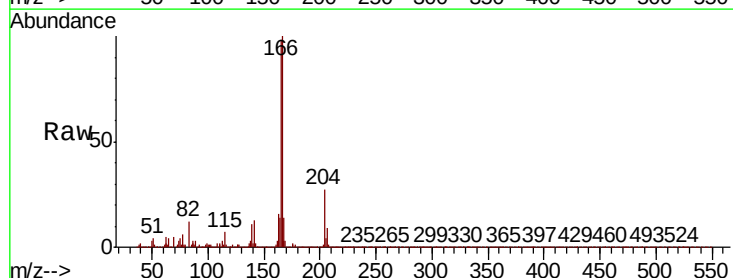
RT: 10.38 min Scan# 1410

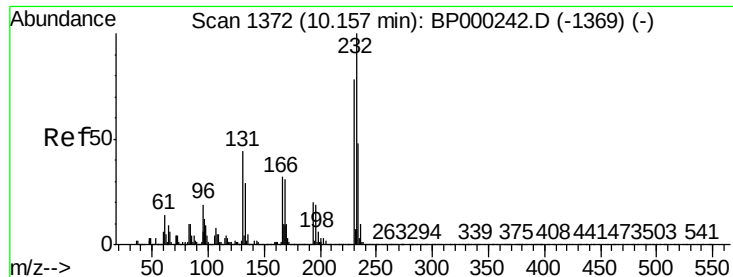
Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:166 | Resp: | 1271376     |
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 98.1  | 78.2 117.2  |
| 167         | 13.9  | 10.7 16.1   |

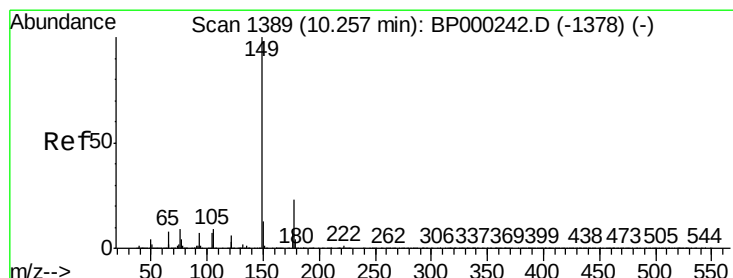
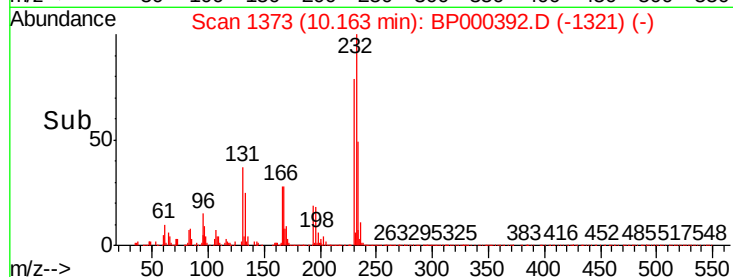
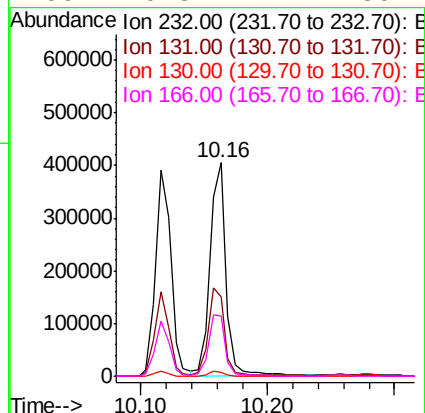
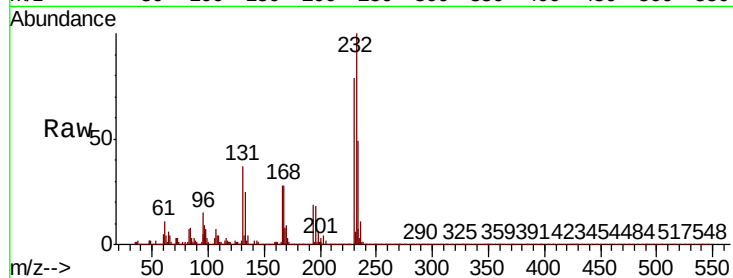




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.925 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

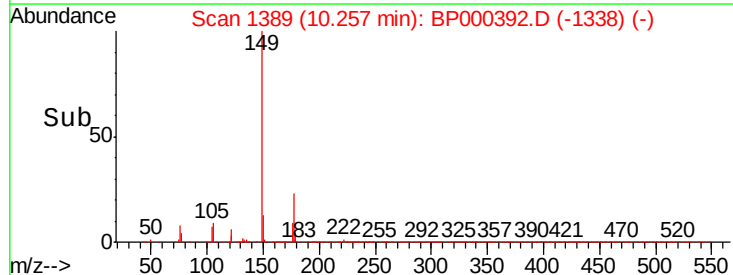
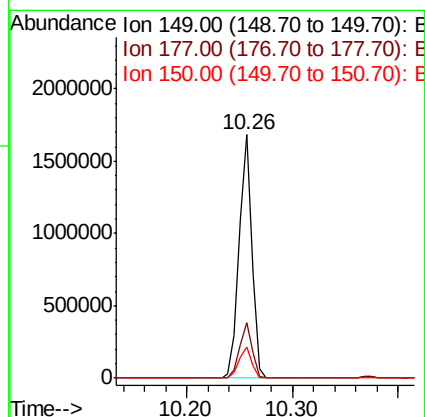
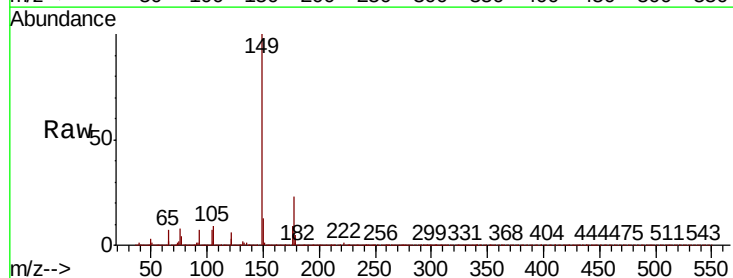
Instrument :  
BNA\_P  
ClientSampleId :

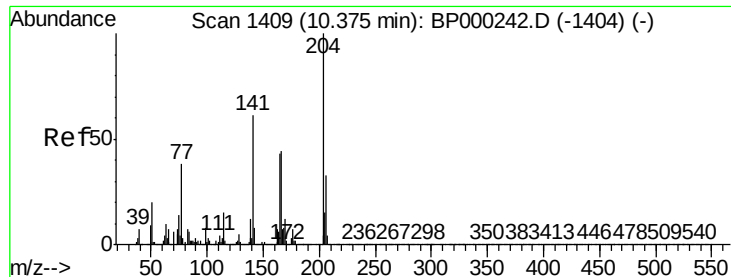
| Tot Ion:232 | Resp: | 357473      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 232         | 100   |             |
| 131         | 42.0  | 33.6 50.4   |
| 130         | 2.3   | 1.8 2.6     |
| 166         | 29.8  | 24.2 36.2   |



#60  
Diethylphthalate  
Concen: 50.743 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion:149 | Resp: | 1373462     |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 177         | 23.0  | 18.1 27.1   |
| 150         | 12.6  | 10.3 15.5   |

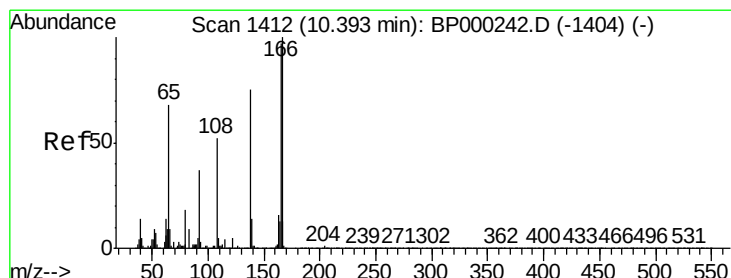
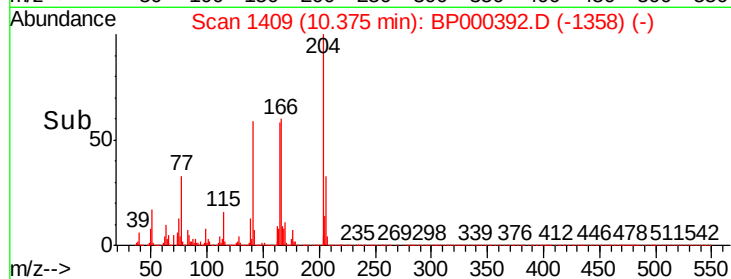
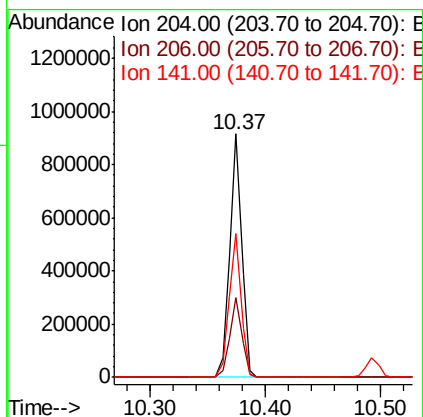
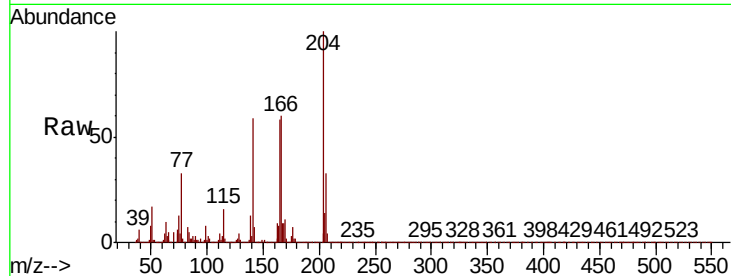




#61  
4-Chlorophenyl-phenylether  
Concen: 51.431 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

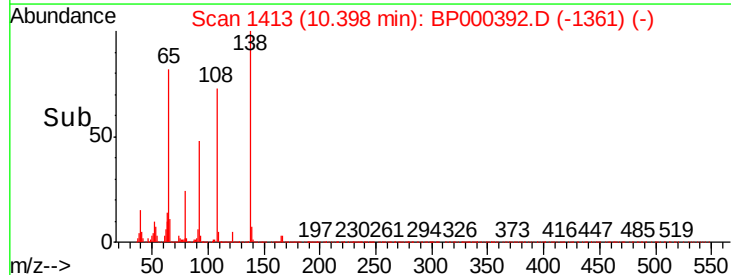
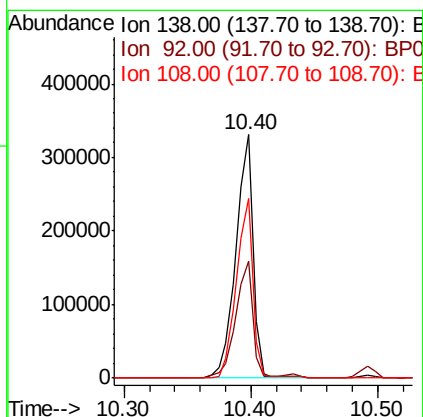
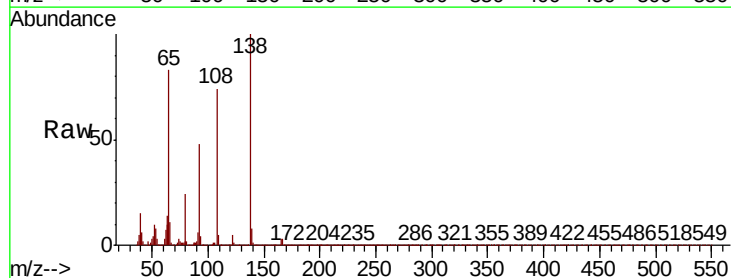
Instrument :  
BNA\_P  
ClientSampled :

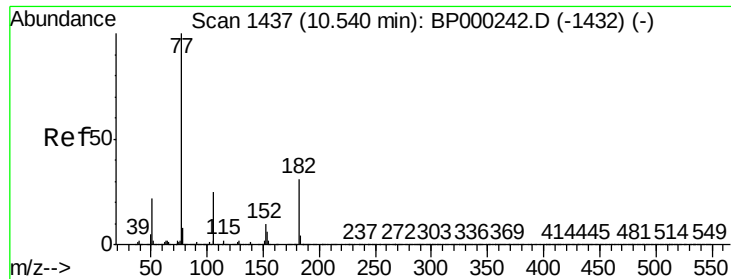
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.3  | 39.5  |
| 141     | 58.9  | 48.6  | 72.8  |



#62  
4-Nitroaniline  
Concen: 43.950 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.0  | 30.1  | 70.1  |
| 108     | 73.5  | 49.5  | 89.5  |

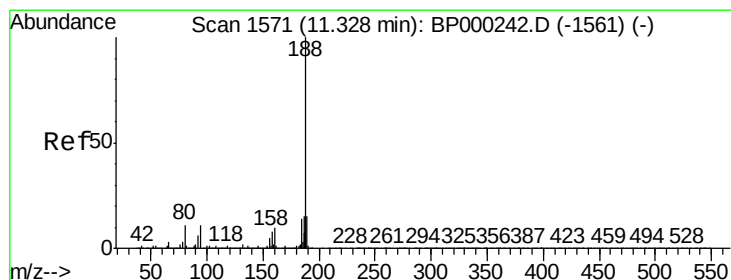
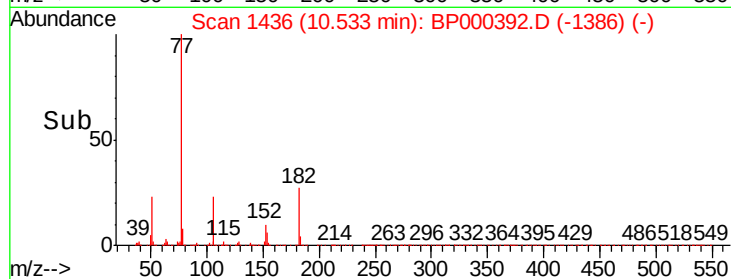
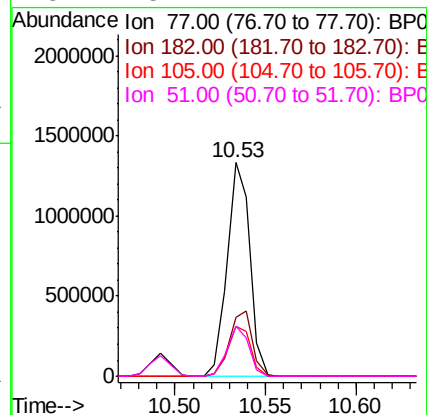
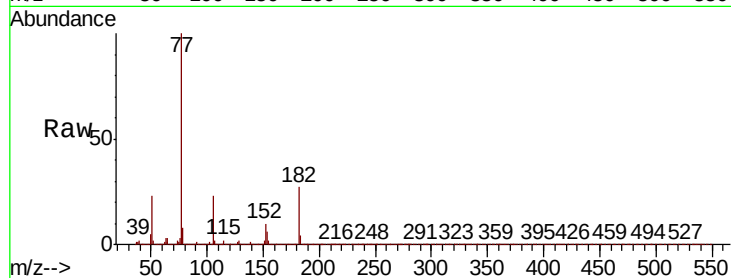




#63  
Azobenzene  
Concen: 50.249 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

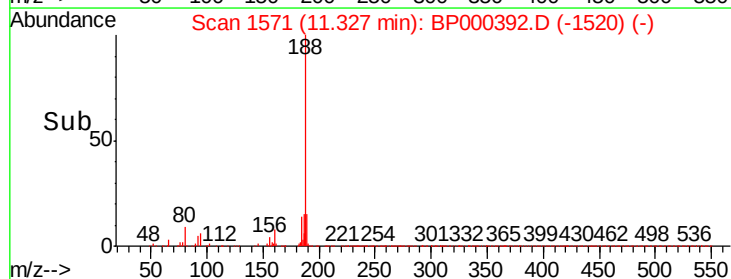
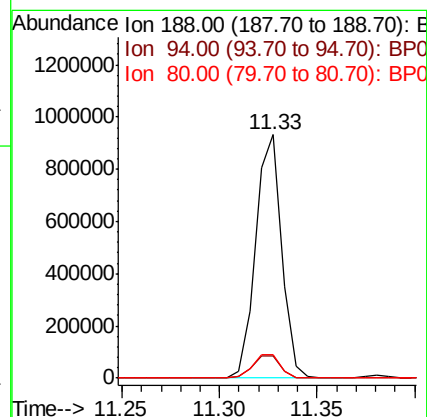
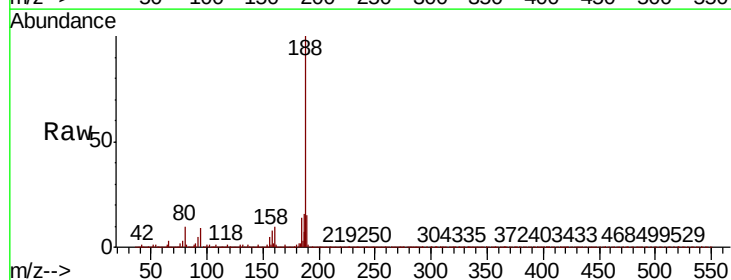
Instrument :  
BNA\_P  
ClientSampleId :

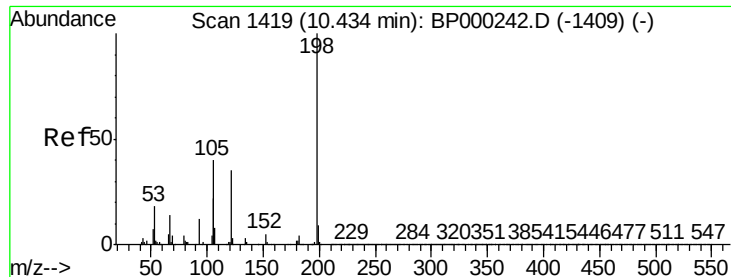
Tot Ion: 77 Resp: 1152290  
Ion Ratio Lower Upper  
77 100  
182 27.4 11.1 51.1  
105 23.2 4.7 44.7  
51 23.4 2.2 42.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1571  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion: 188 Resp: 856543  
Ion Ratio Lower Upper  
188 100  
94 9.2 8.5 12.7  
80 9.5 8.6 13.0

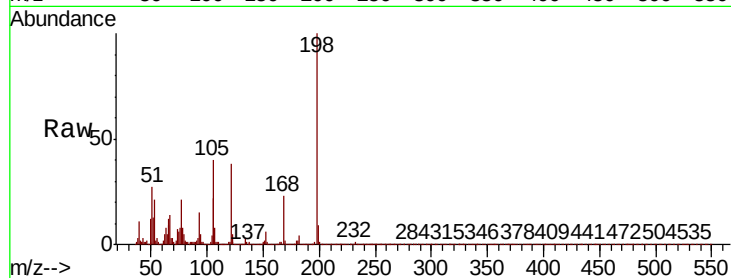




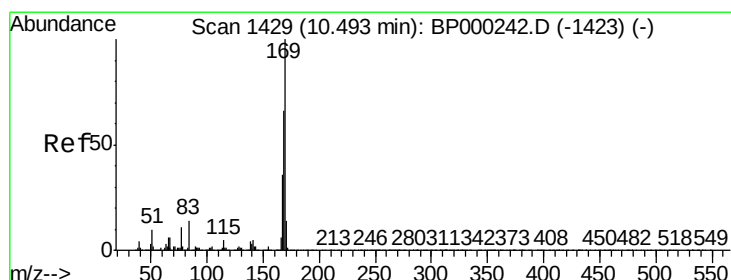
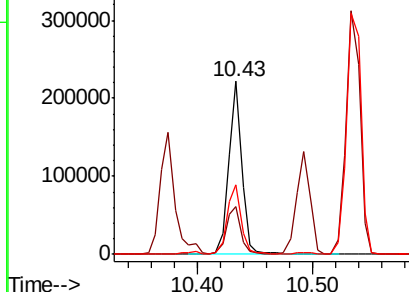
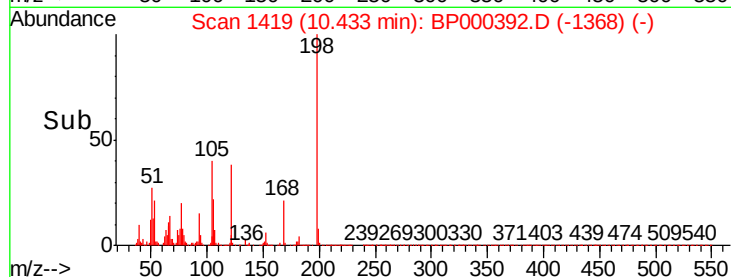
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.081 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:198 Resp: 173509  
Ion Ratio Lower Upper  
198 100  
51 27.3 7.4 47.4  
105 40.3 20.2 60.2

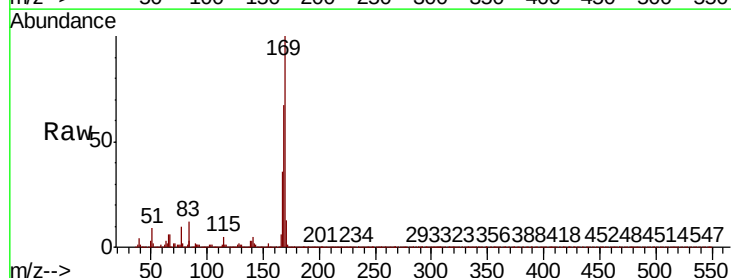


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BP  
Ion 105.00 (104.70 to 105.70): E

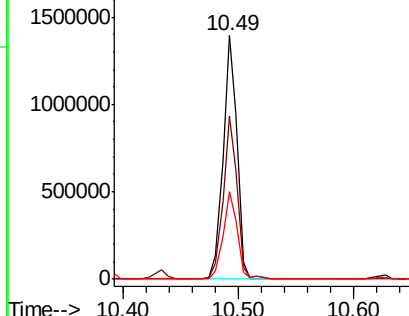
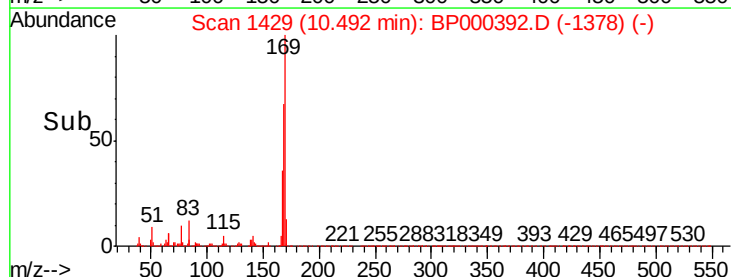


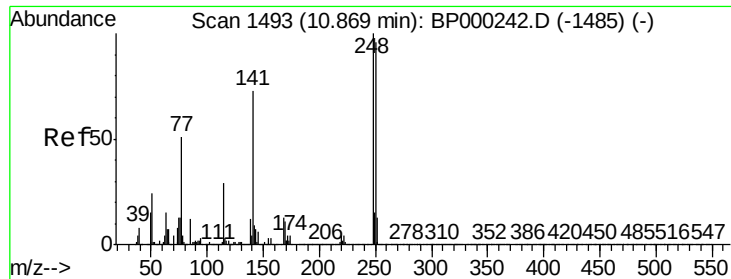
#66  
n-Nitrosodiphenylamine  
Concen: 44.739 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:169 Resp: 1153602  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.9 79.3  
167 36.0 29.0 43.6



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

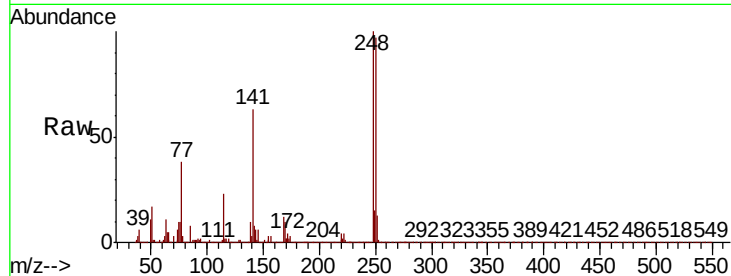




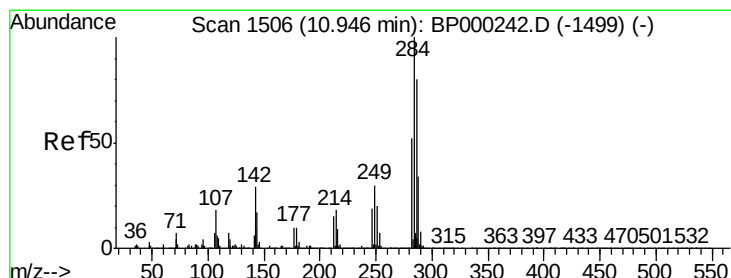
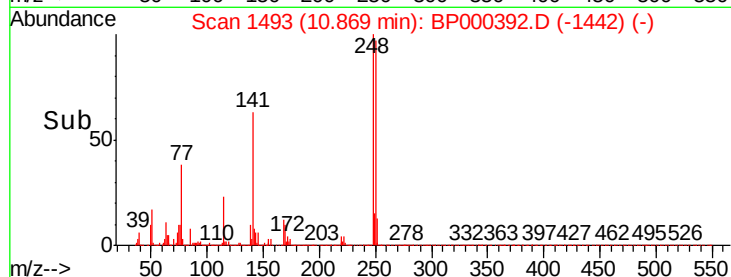
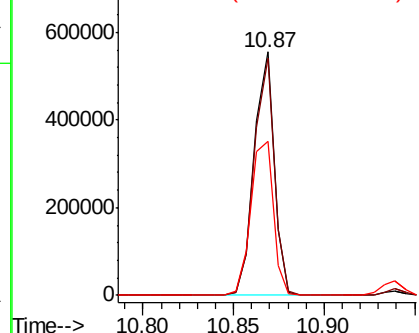
#67  
4-Bromophenyl-phenylether  
Concen: 44.356 ng  
RT: 10.87 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.2  | 77.0  | 115.4 |
| 141     | 63.1  | 58.5  | 87.7  |

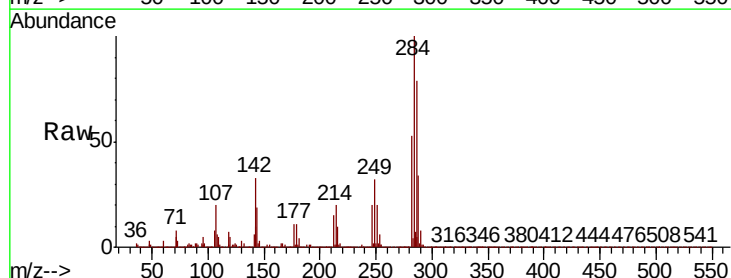


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

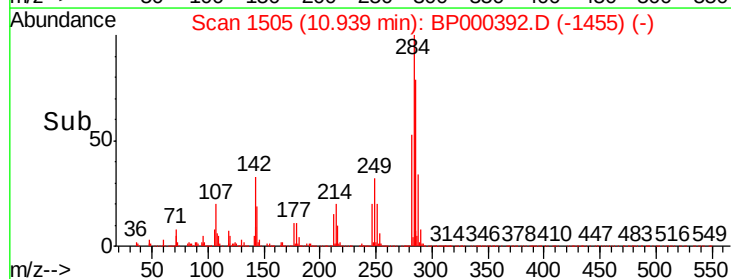
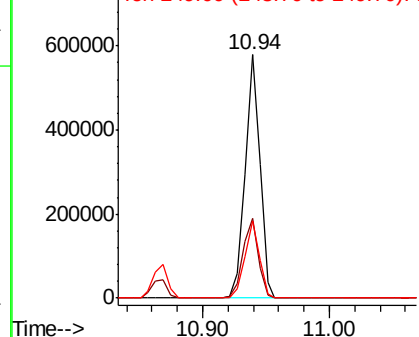


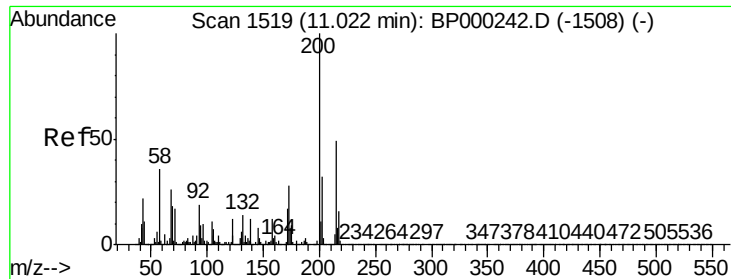
#68  
Hexachlorobenzene  
Concen: 43.146 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.8  | 23.6  | 35.4  |
| 249     | 31.6  | 24.3  | 36.5  |



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

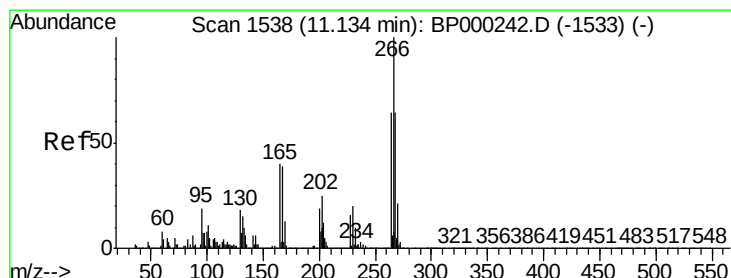
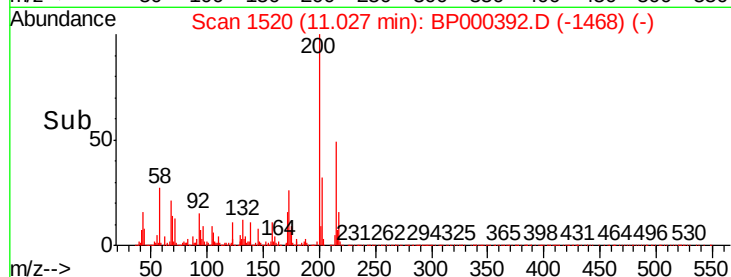
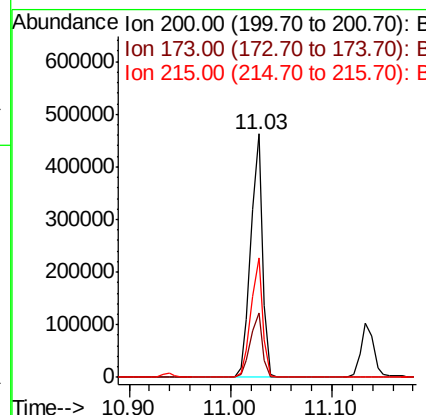
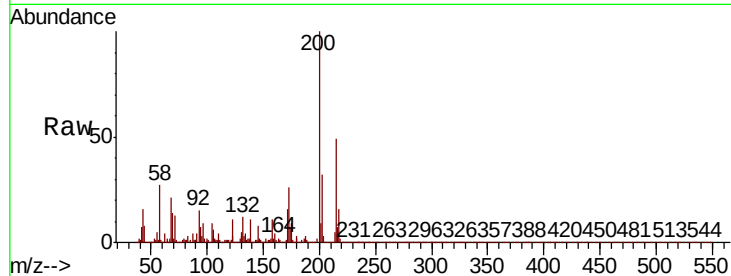




#69  
Atrazine  
Concen: Below Cal  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

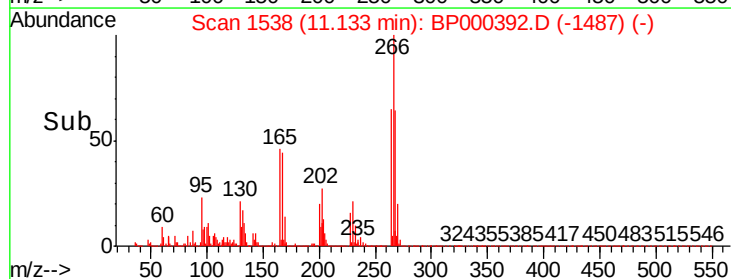
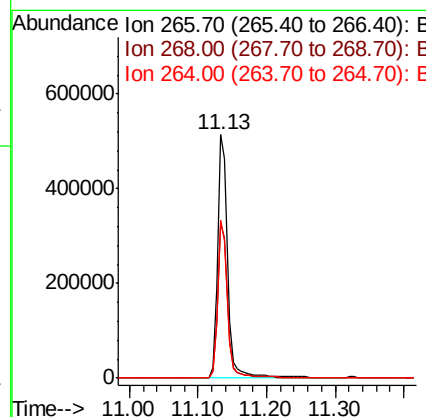
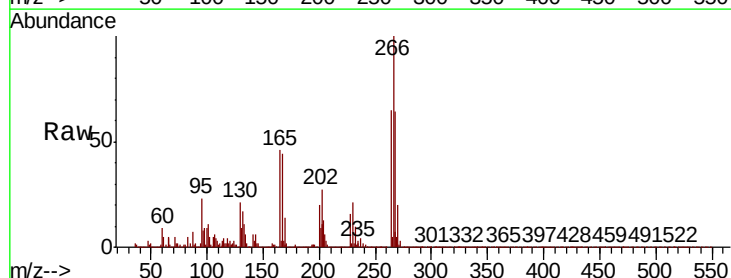
Instrument :  
BNA\_P  
ClientSampleId :

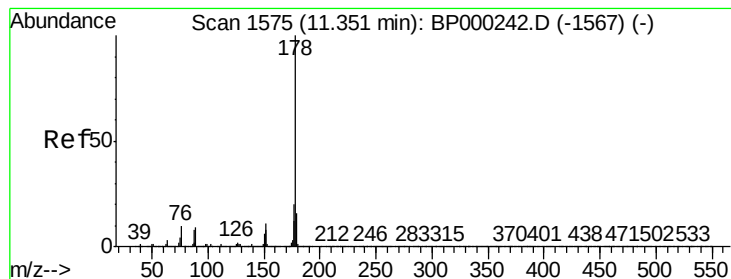
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.4  | 7.6   | 47.6  |
| 215     | 49.2  | 28.6  | 68.6  |



#70  
Pentachlorophenol  
Concen: 89.817 ng  
RT: 11.13 min Scan# 1538  
Delta R.T. -0.00 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.9  | 51.6  | 77.4  |
| 264     | 64.6  | 50.8  | 76.2  |





#71

Phenanthrene

Concen: 49.031 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

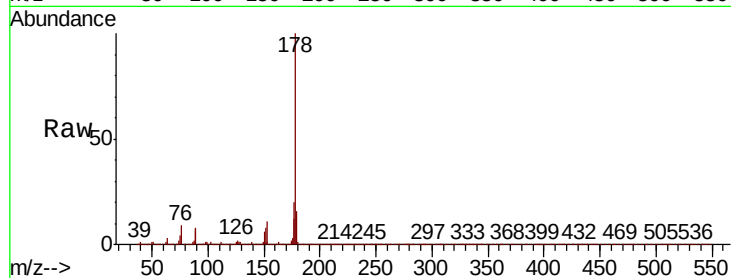
Tot Ion:178 Resp: 2104581

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.8  | 15.8  | 23.8  |
| 179 | 16.0  | 12.7  | 19.1  |

178 100

176 19.8 15.8 23.8

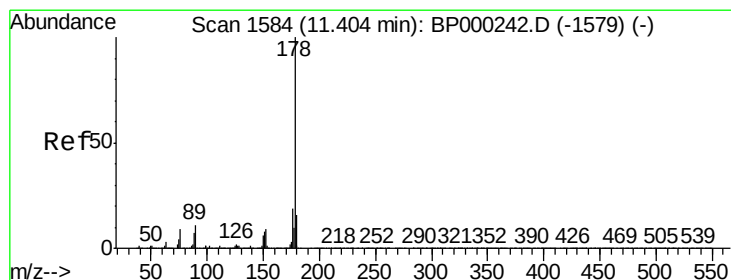
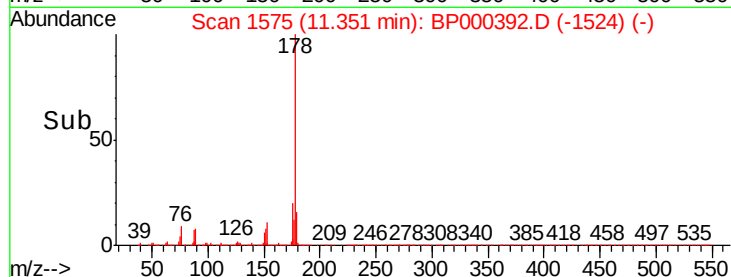
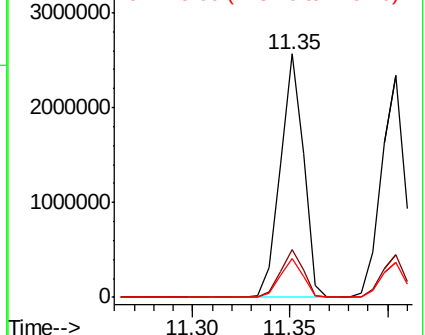
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.020 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

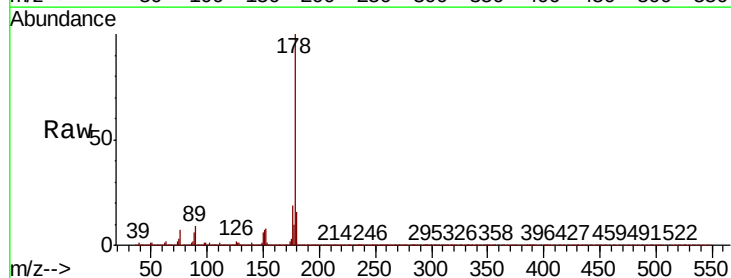
Tgt Ion:178 Resp: 1944876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.1  | 15.4  | 23.0  |
| 179 | 15.6  | 12.7  | 19.1  |

178 100

176 19.1 15.4 23.0

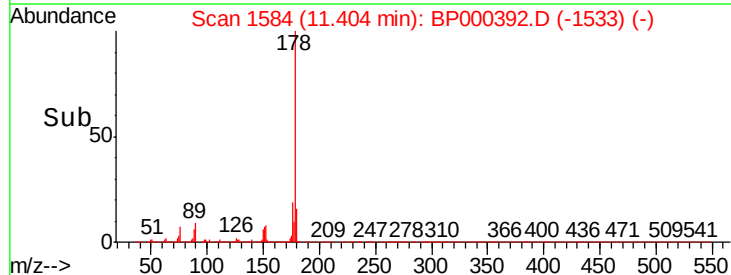
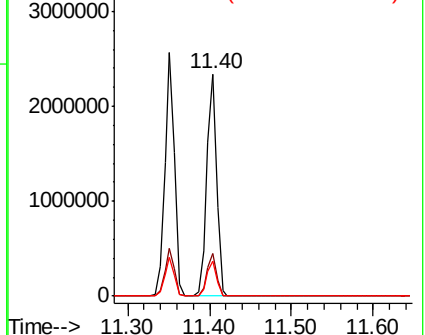
179 15.6 12.7 19.1



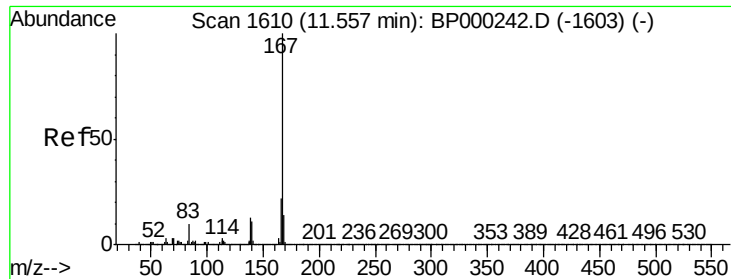
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





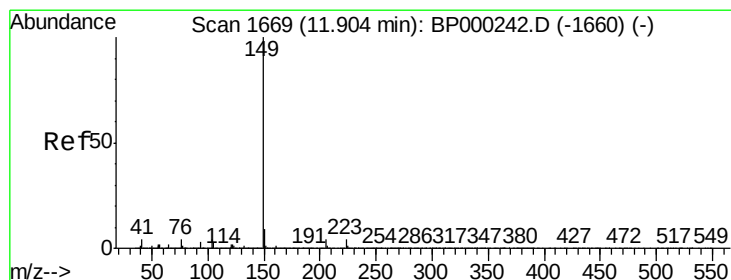
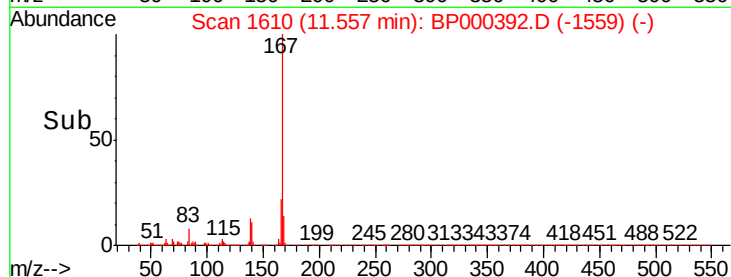
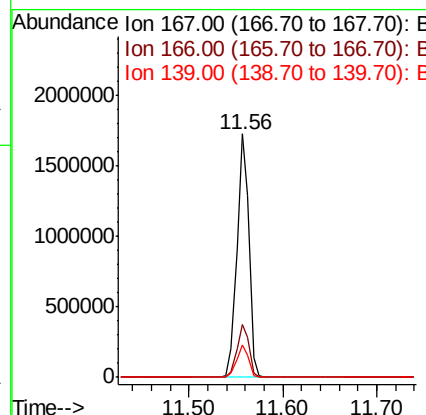
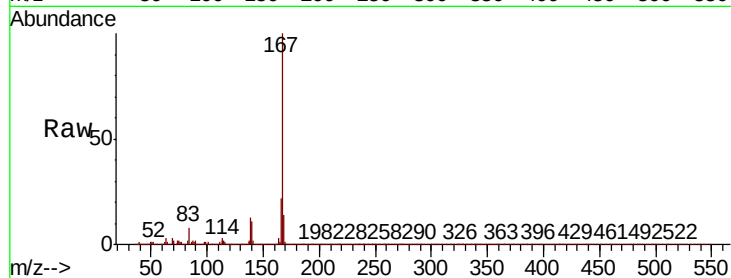


#73  
 Carbazole  
 Concen: 38.484 ng  
 RT: 11.56 min Scan# 1610  
 Delta R.T. -0.00 min  
 Lab File: BP000392.D  
 Acq: 24 Sep 2019 18:36

Instrument :  
 BNA\_P  
 ClientSampled :

Tot Ion:167 Resp: 1531226  

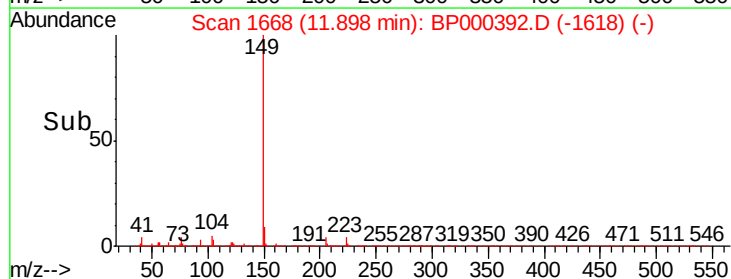
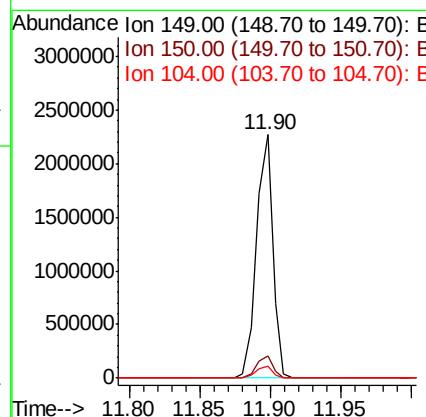
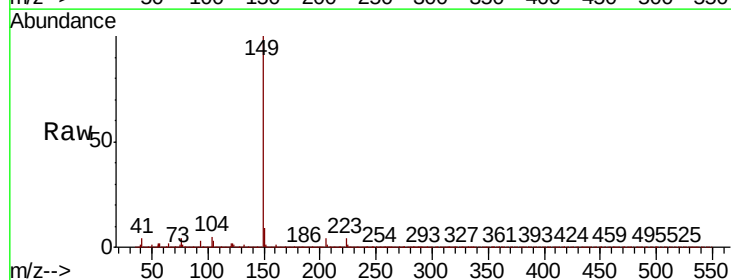
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.6  | 17.8  | 26.8  |
| 139 | 13.4  | 10.8  | 16.2  |

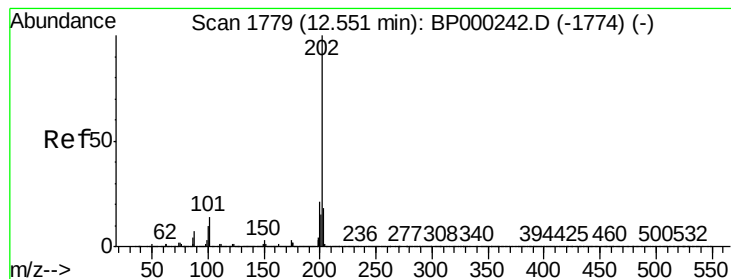


#74  
 Di-n-butylphthalate  
 Concen: 36.843 ng  
 RT: 11.90 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BP000392.D  
 Acq: 24 Sep 2019 18:36

Tgt Ion:149 Resp: 1855512  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.4   | 11.2  |
| 104 | 4.8   | 3.5   | 5.3   |





#75

Fluoranthene

Concen: 40.547 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

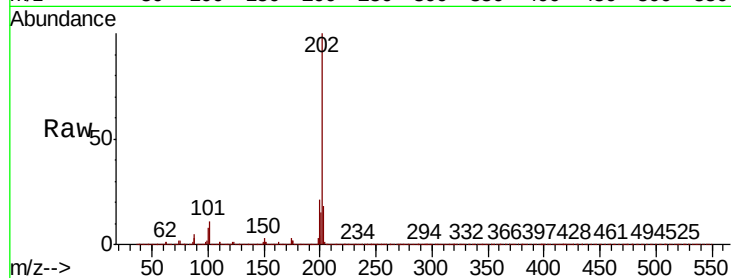
Instrument :

BNA\_P

ClientSampled :

Tot Ion:202 Resp: 1868845

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 10.8  | 0.0   | 33.9  |
| 203 | 17.9  | 0.0   | 38.0  |

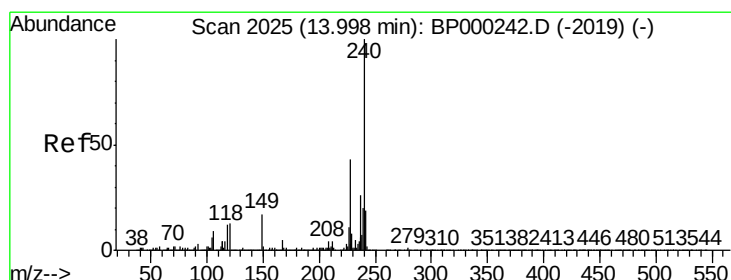
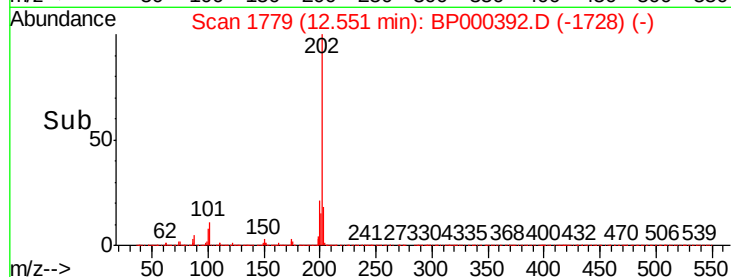
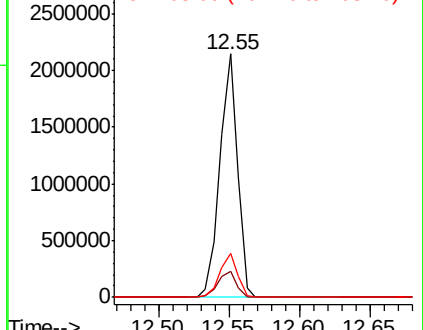


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

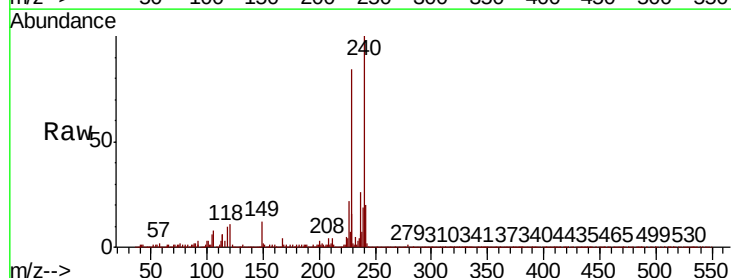
Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Tgt Ion:240 Resp: 552368

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.2  | 10.4  | 15.6  |
| 236 | 26.4  | 21.0  | 31.6  |

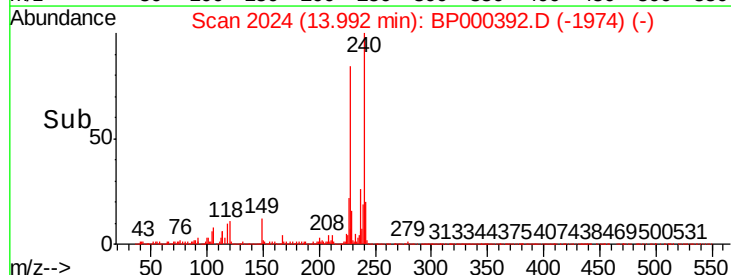
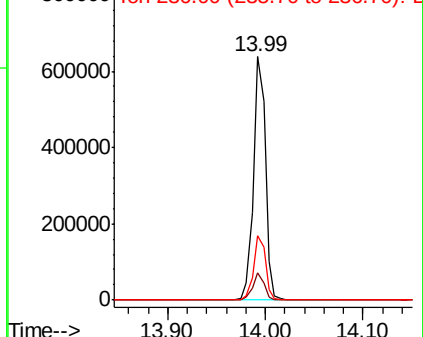


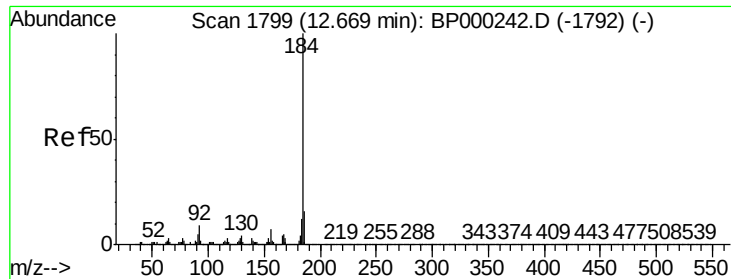
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.709 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

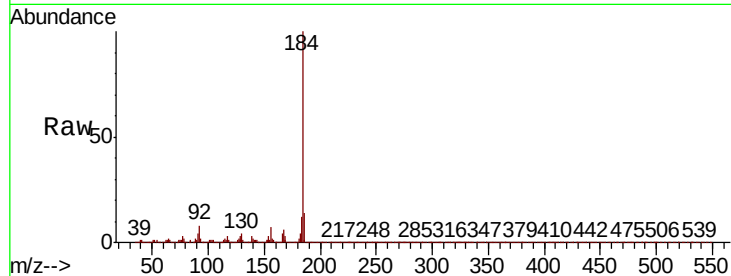
Instrument :

BNA\_P

ClientSampled :

Tot Ion:184 Resp: 743896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.4  | 12.7  | 19.1  |
| 183 | 12.3  | 9.5   | 14.3  |

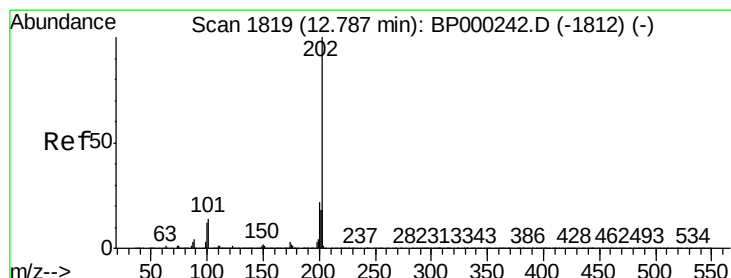
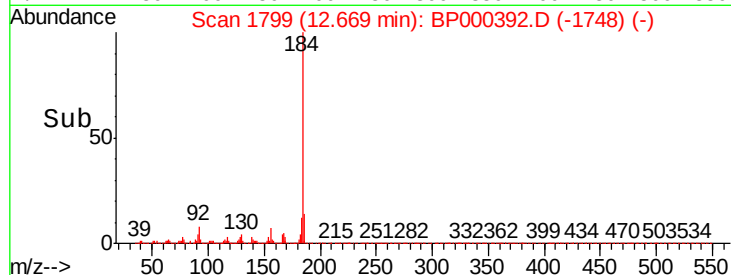
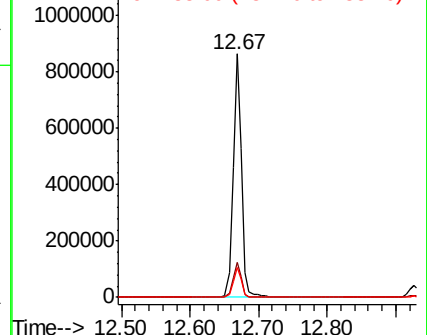


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.983 ng

RT: 12.78 min Scan# 1818

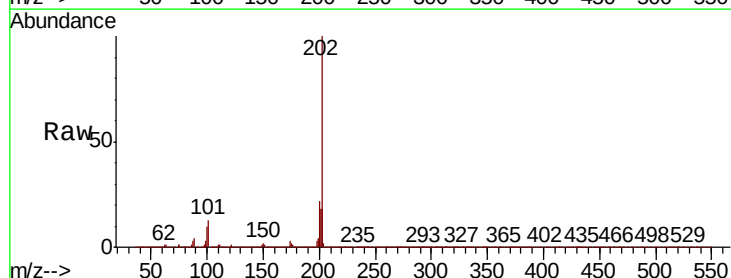
Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Tgt Ion:202 Resp: 1900305

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.8  | 17.5  | 26.3  |
| 203 | 17.9  | 14.3  | 21.5  |

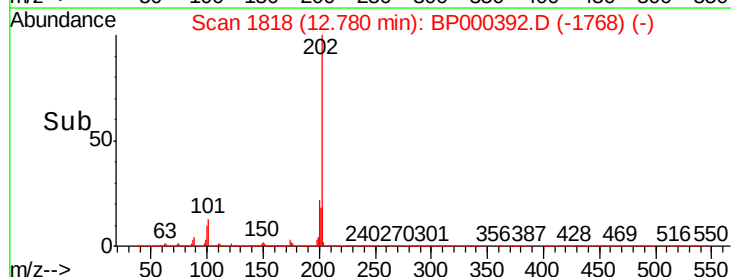
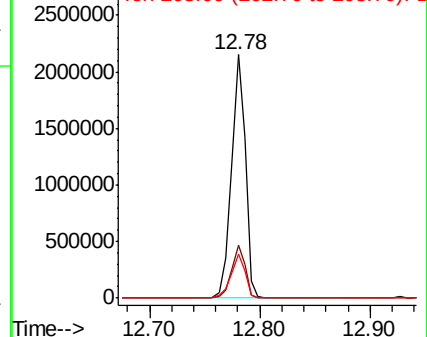


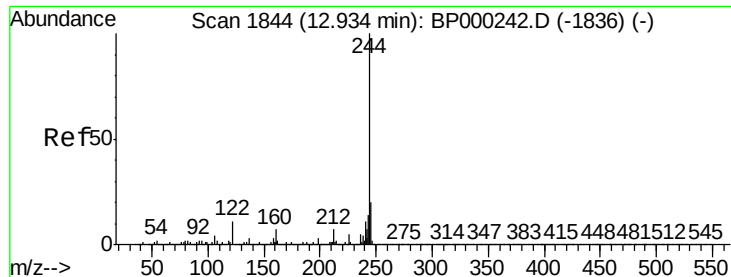
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.358 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

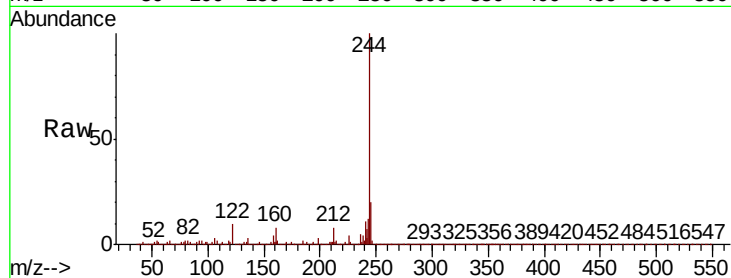
Instrument :

BNA\_P

ClientSampled :

Tot Ion:244 Resp: 2668785

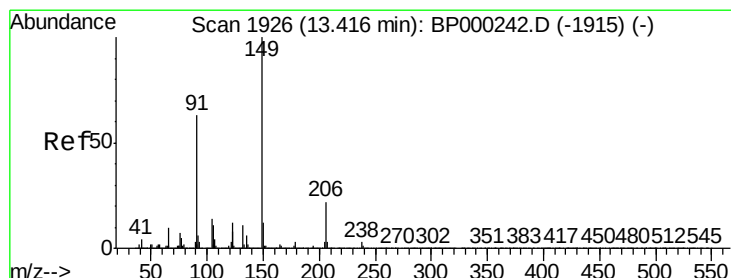
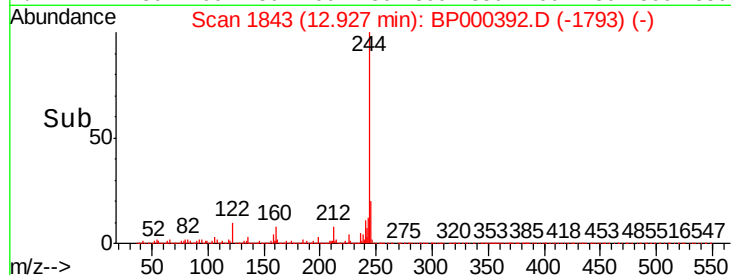
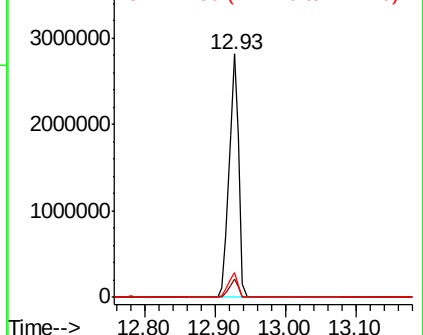
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 5.9   | 8.9   |
| 122 | 10.1  | 9.0   | 13.4  |



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: 42.715 ng

RT: 13.41 min Scan# 1925

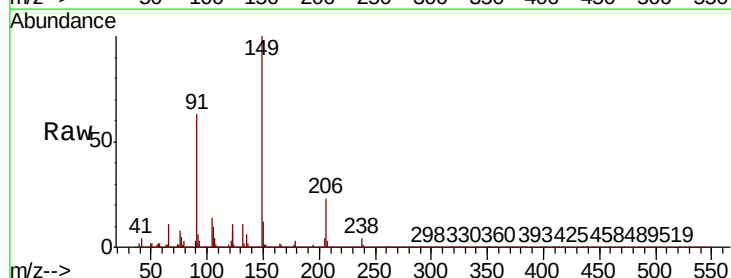
Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Tgt Ion:149 Resp: 811132

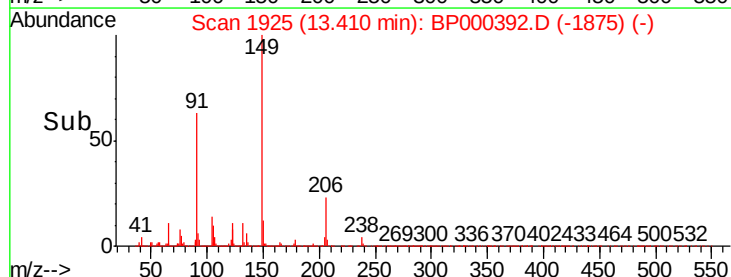
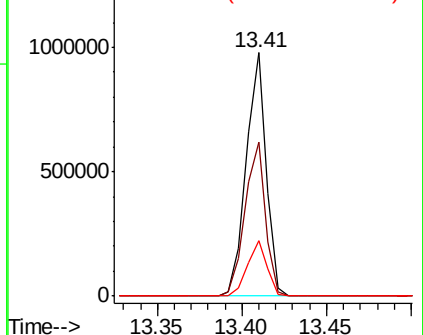
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 63.4  | 50.6  | 76.0  |
| 206 | 23.0  | 17.8  | 26.6  |

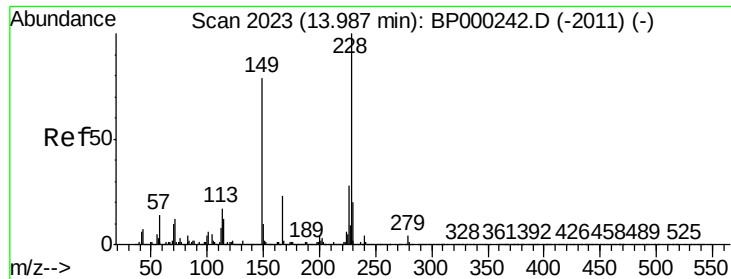


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.250 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

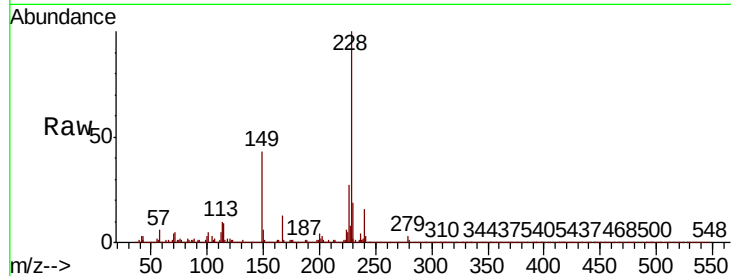
Tot Ion:228 Resp: 1683528

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.2  | 22.2  | 33.4  |
| 229 | 19.3  | 16.0  | 24.0  |

228 100

226 27.2 22.2 33.4

229 19.3 16.0 24.0

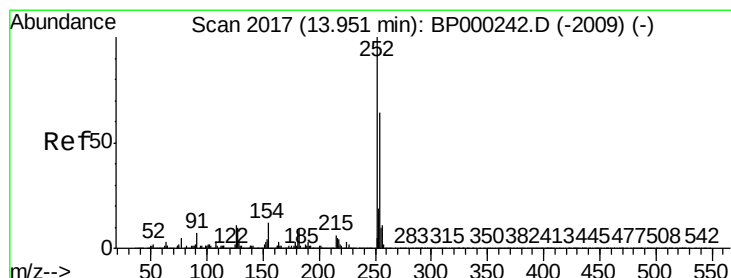
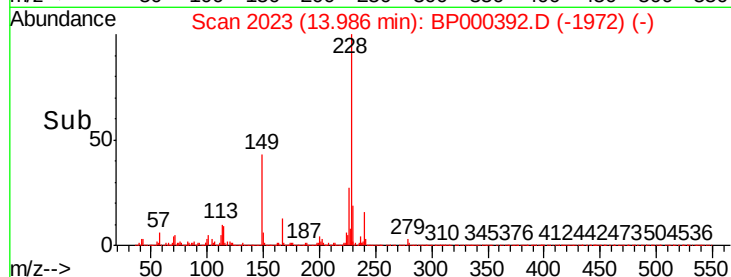
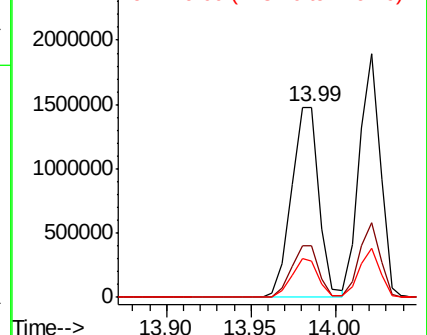


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.640 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

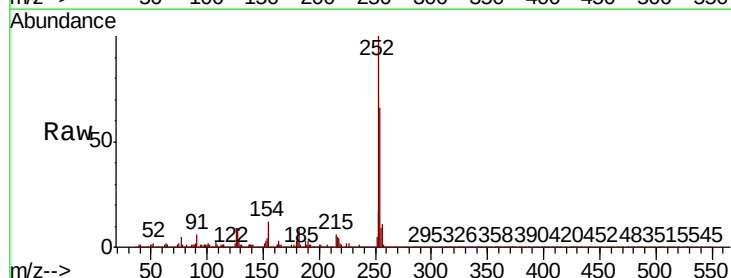
Tgt Ion:252 Resp: 331497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.5  | 51.5  | 77.3  |
| 126 | 8.8   | 8.4   | 12.6  |

252 100

254 65.5 51.5 77.3

126 8.8 8.4 12.6

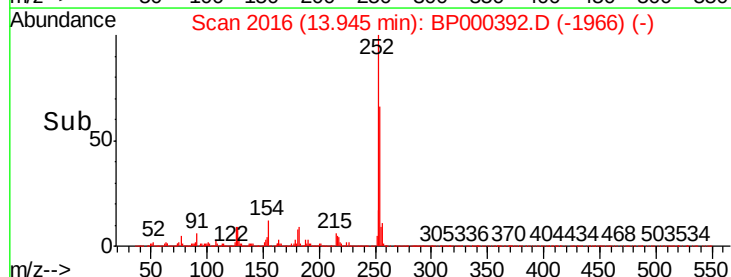
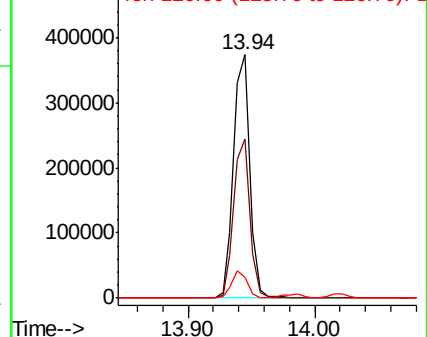


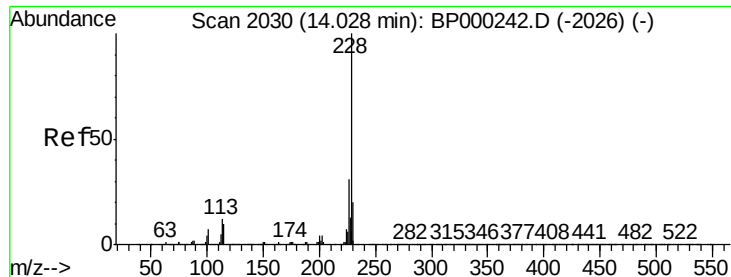
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.023 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampled :

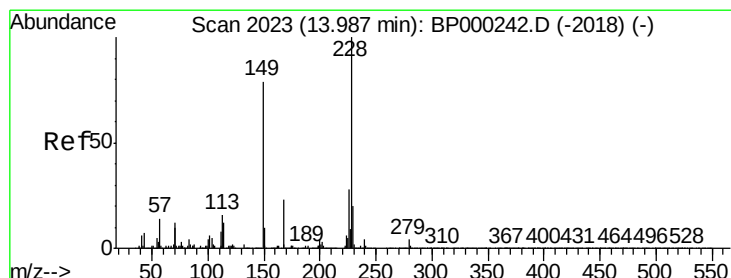
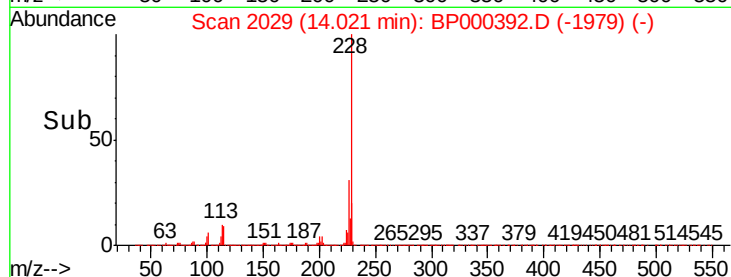
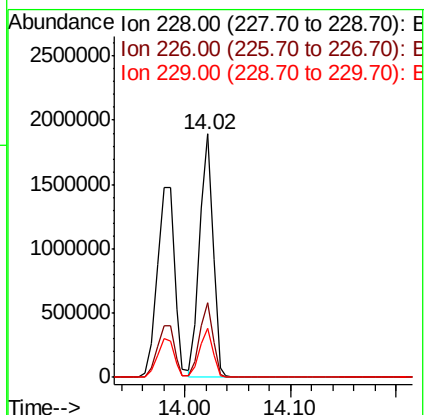
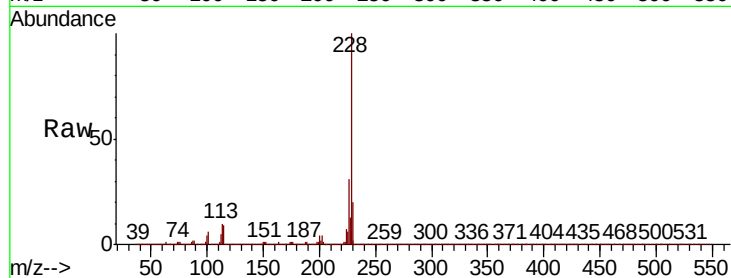
Tot Ion:228 Resp: 1645213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.5  | 24.9  | 37.3  |
| 229 | 20.0  | 16.2  | 24.2  |

228 100

226 30.5 24.9 37.3

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.735 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

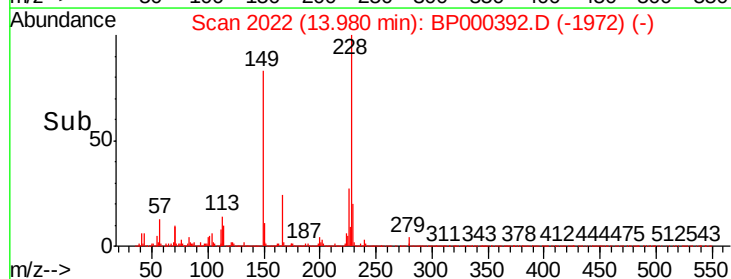
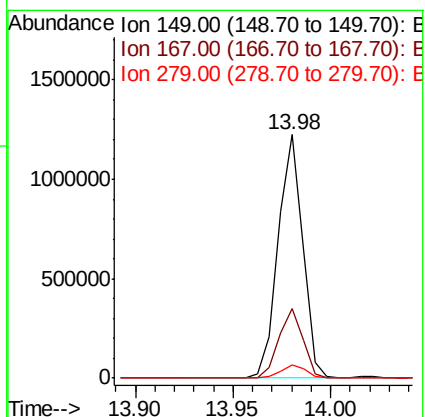
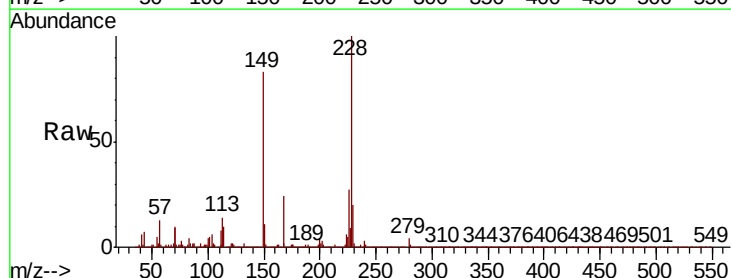
Tgt Ion:149 Resp: 1065322

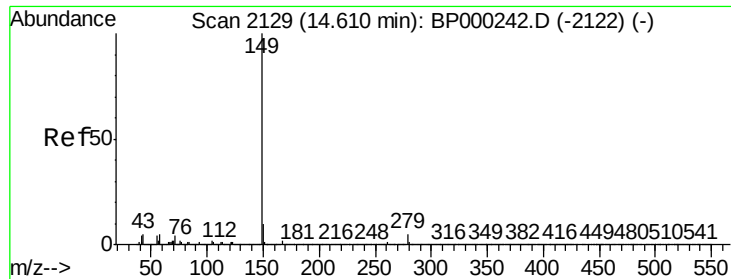
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 23.0  | 34.4  |
| 279 | 5.2   | 3.7   | 5.5   |

149 100

167 28.4 23.0 34.4

279 5.2 3.7 5.5

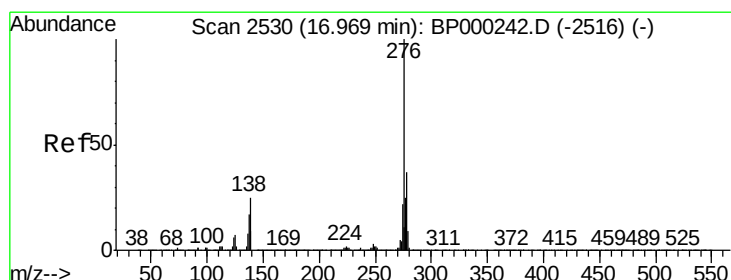
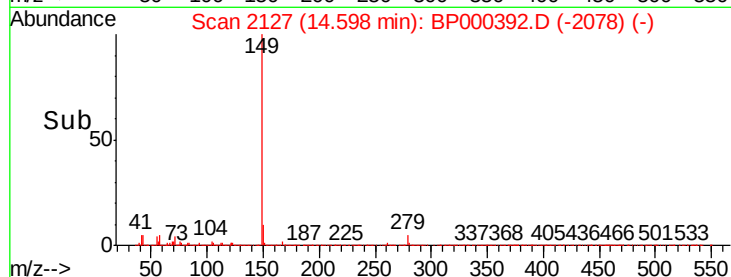
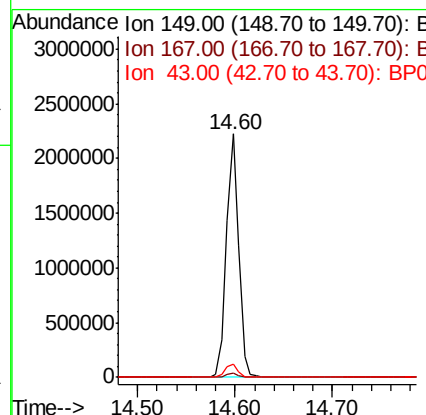
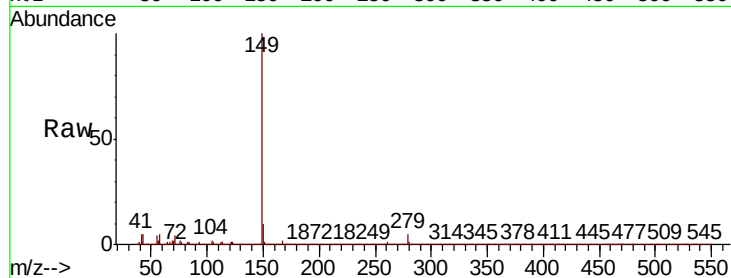




#85  
Di-n-octyl phthalate  
Concen: 45.926 ng  
RT: 14.60 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

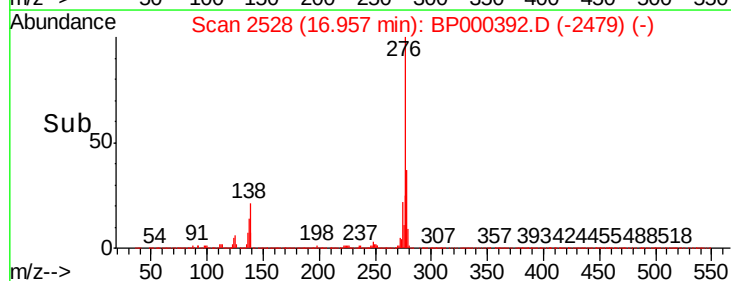
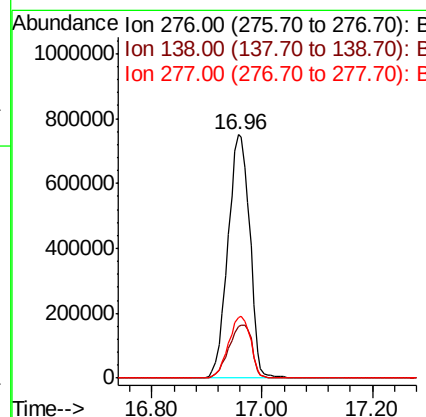
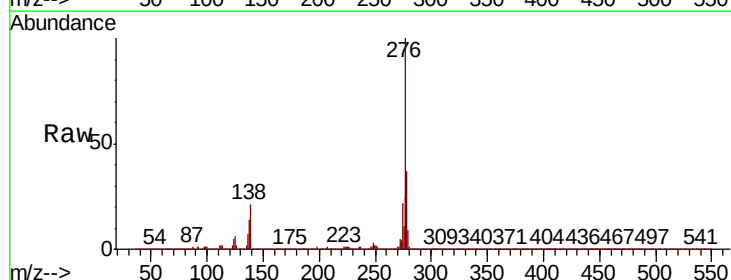
Instrument :  
BNA\_P  
ClientSampled :

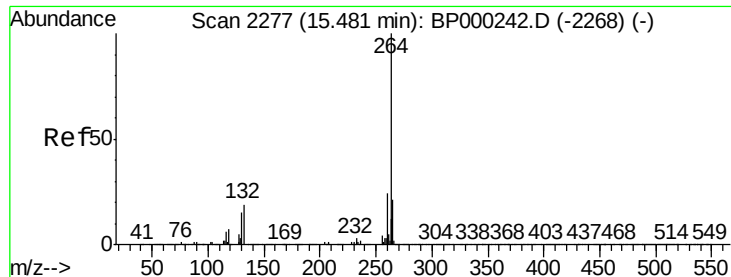
Tot Ion:149 Resp: 1940270  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 5.5 5.0 7.6



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 49.903 ng  
RT: 16.96 min Scan# 2528  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:276 Resp: 2083889  
Ion Ratio Lower Upper  
276 100  
138 23.2 22.6 33.8  
277 25.8 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

Instrument :

BNA\_P

ClientSampleId :

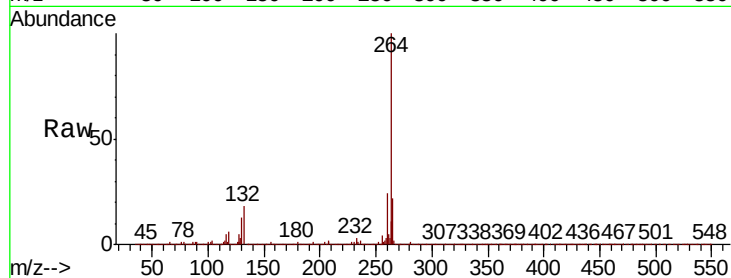
Tot Ion:264 Resp: 637043

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

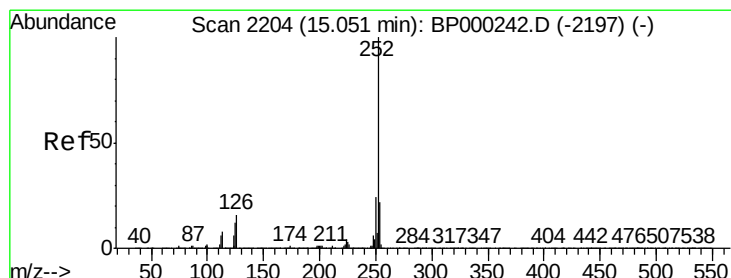
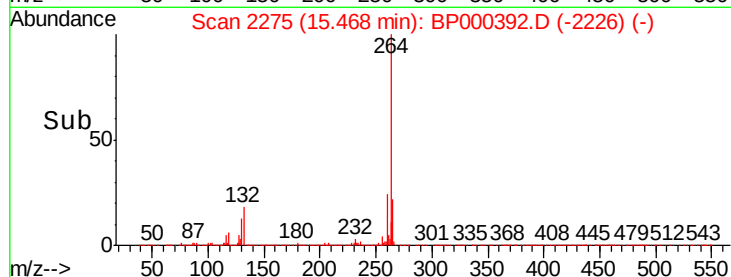
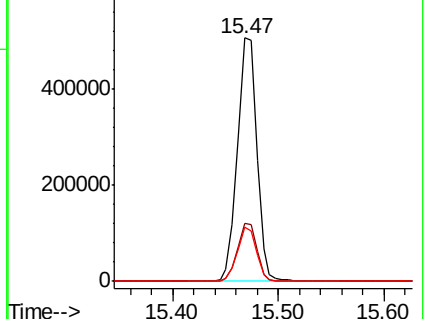
265 22.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.285 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000392.D

Acq: 24 Sep 2019 18:36

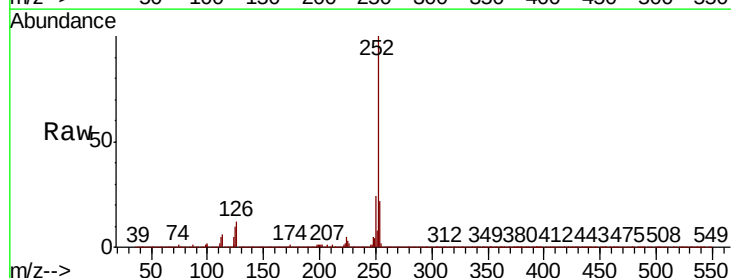
Tgt Ion:252 Resp: 1797018

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

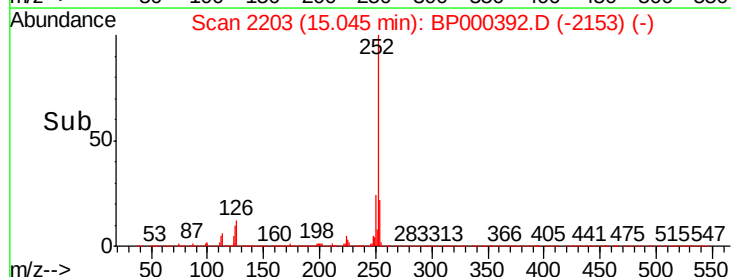
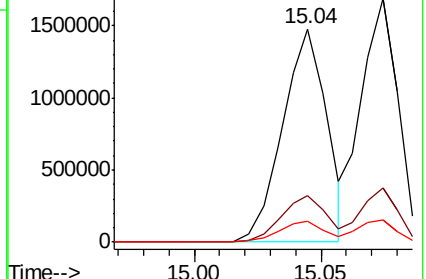
125 9.5 9.5 14.3



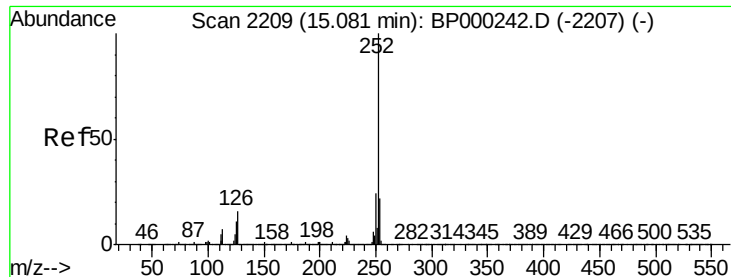
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



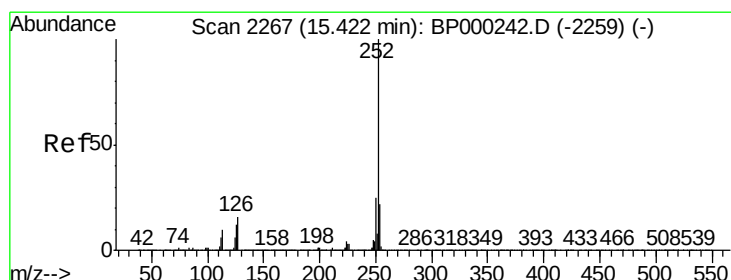
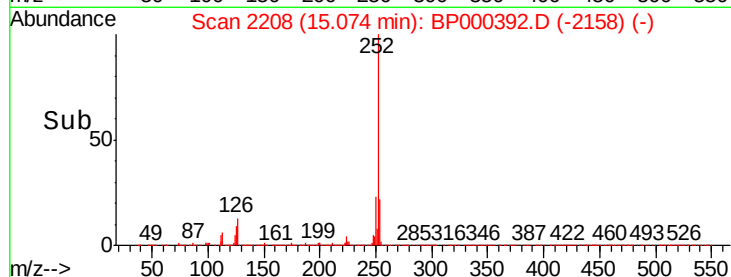
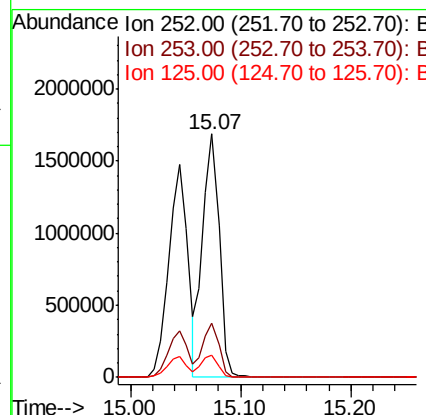
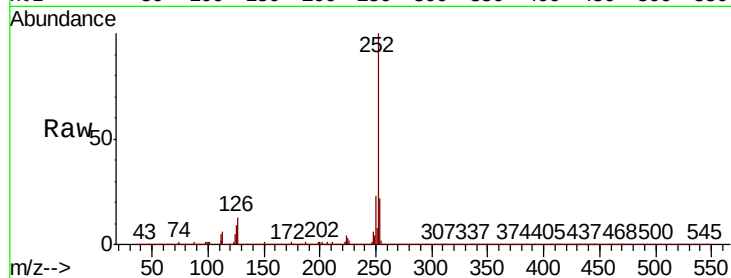




#89  
Benzo(k)fluoranthene  
Concen: 52.112 ng  
RT: 15.07 min Scan# 2208  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

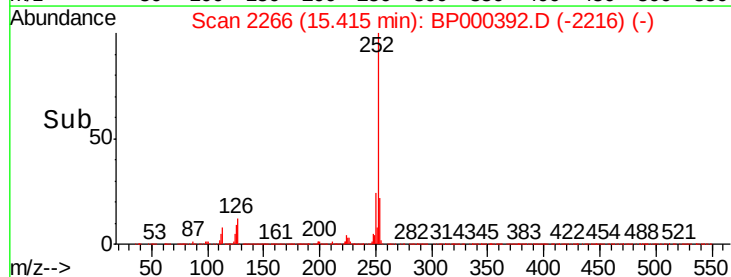
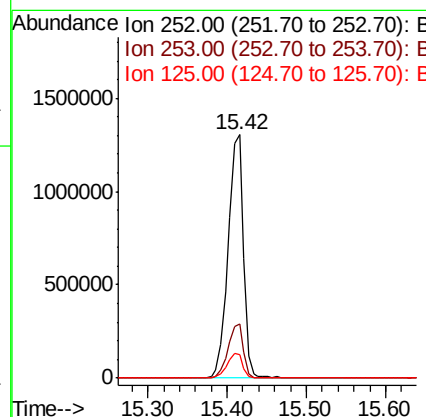
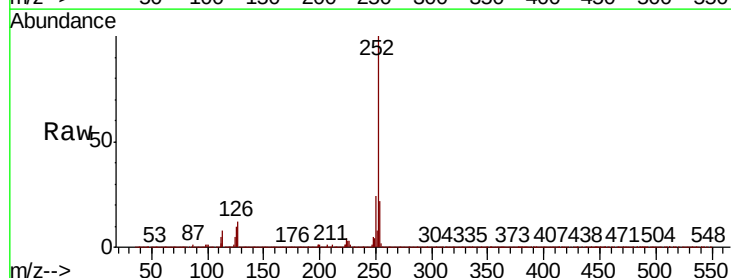
Instrument :  
BNA\_P  
ClientSampleId :

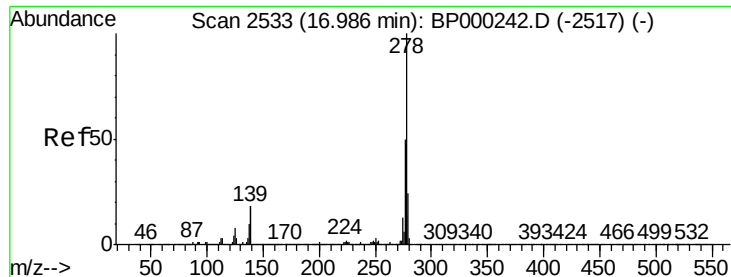
Tot Ion:252 Resp: 1727536  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 9.3 9.6 14.4#



#90  
Benzo(a)pyrene  
Concen: 50.549 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:252 Resp: 1748004  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 9.5 10.0 15.0#

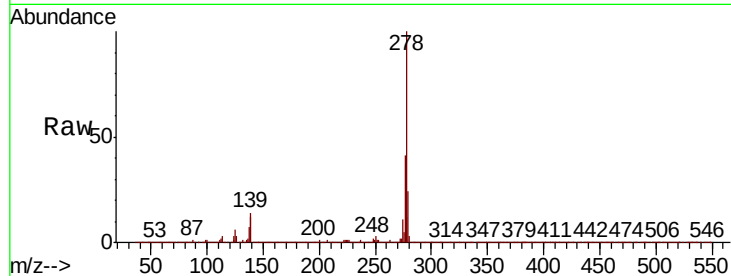




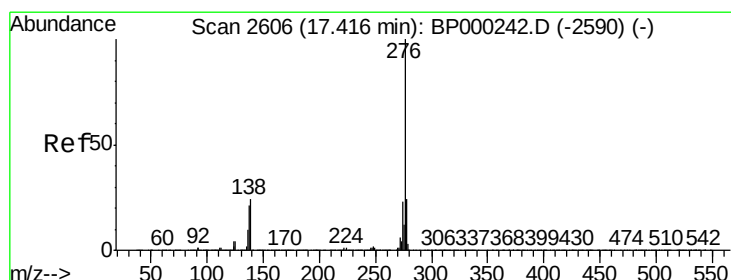
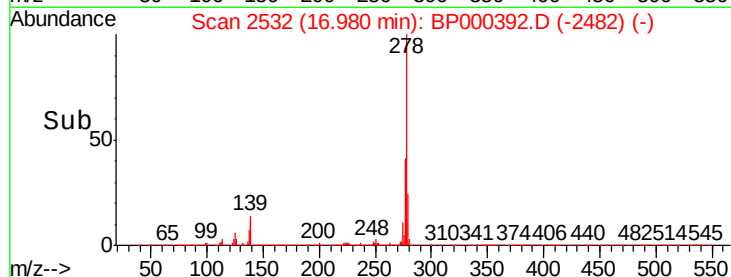
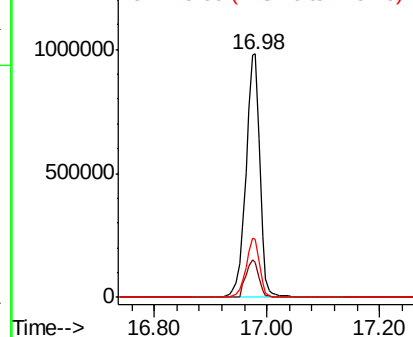
#91  
Dibenzo(a,h)anthracene  
Concen: 52.817 ng  
RT: 16.98 min Scan# 2532  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:278 Resp: 1702853  
Ion Ratio Lower Upper  
278 100  
139 14.4 14.5 21.7#  
279 23.8 19.0 28.6

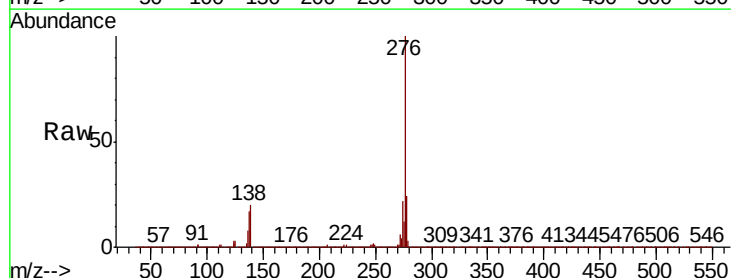


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 52.893 ng  
RT: 17.40 min Scan# 2604  
Delta R.T. -0.01 min  
Lab File: BP000392.D  
Acq: 24 Sep 2019 18:36

Tgt Ion:276 Resp: 1752849  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.1 28.7  
138 20.1 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

