

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\  
 Data File : BP001012.D  
 Acq On : 08 Nov 2019 12:49  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Nov 08 15:07:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 17:07:13 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.37  | 152  | 193299   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.40 | 136  | 701148   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 13.27 | 164  | 420821   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 15.66 | 188  | 879109   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 19.30 | 240  | 778130   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 21.09 | 264  | 920051   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 6.29  | 112 | 842596  | 79.34 | ng | -0.01 |
| 7) Phenol-d6             | 7.81  | 99  | 1063104 | 79.16 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.25  | 82  | 1020955 | 80.55 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 14.56 | 330 | 413138  | 82.24 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 12.19 | 172 | 2237272 | 80.07 | ng | 0.00  |
| 79) Terphenyl-d14        | 17.95 | 244 | 3049457 | 77.95 | ng | 0.00  |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.80  | 88  | 175358  | 37.978 | ng | 98     |
| 3) Pyridine                    | 3.64  | 79  | 479048  | 39.241 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.55  | 42  | 173130  | 40.691 | ng | 94     |
| 6) Aniline                     | 7.85  | 93  | 693656  | 39.550 | ng | 99     |
| 8) 2-Chlorophenol              | 8.03  | 128 | 452206  | 40.155 | ng | 98     |
| 9) Benzaldehyde                | 7.67  | 77  | 360294  | 38.452 | ng | 99     |
| 10) Phenol                     | 7.83  | 94  | 604373  | 41.145 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.98  | 93  | 437753  | 38.282 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.28  | 146 | 555341  | 39.306 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 8.40  | 146 | 561036  | 39.423 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.63  | 146 | 526326  | 39.992 | ng | 99     |
| 15) Benzyl Alcohol             | 8.60  | 79  | 421835  | 41.220 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.83  | 45  | 434512  | 36.385 | ng | 98     |
| 17) 2-Methylphenol             | 8.78  | 107 | 375133  | 39.235 | ng | 97     |
| 18) Hexachloroethane           | 9.17  | 117 | 208062  | 39.803 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 9.03  | 70  | 315266  | 39.096 | ng | 100    |
| 20) 3+4-Methylphenols          | 9.03  | 107 | 479836  | 40.452 | ng | 96     |
| 22) Acetophenone               | 9.02  | 105 | 710514  | 39.238 | ng | 99     |
| 24) Nitrobenzene               | 9.28  | 77  | 497966  | 39.153 | ng | 98     |
| 25) Isophorone                 | 9.67  | 82  | 886774  | 38.010 | ng | 99     |
| 26) 2-Nitrophenol              | 9.79  | 139 | 191581  | 40.309 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.88  | 122 | 338360  | 38.017 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.04 | 93  | 573508  | 37.597 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.17 | 162 | 421758  | 39.261 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180 | 516159  | 39.112 | ng | 98     |
| 31) Naphthalene                | 10.44 | 128 | 1368920 | 39.077 | ng | 100    |
| 32) Benzoic acid               | 10.03 | 122 | 195086  | 38.162 | ng | 99     |
| 33) 4-Chloroaniline            | 10.53 | 127 | 589186  | 39.222 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.66 | 225 | 344989  | 39.567 | ng | 99     |
| 35) Caprolactam                | 11.10 | 113 | 133577  | 39.396 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.33 | 107 | 447401  | 40.108 | ng | 98     |
| 37) 2-Methylnaphthalene        | 11.57 | 142 | 961023  | 39.195 | ng | 99     |
| 38) 1-Methylnaphthalene        | 11.73 | 142 | 910778  | 39.312 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.85 | 216 | 552291  | 39.415 | ng | 99     |

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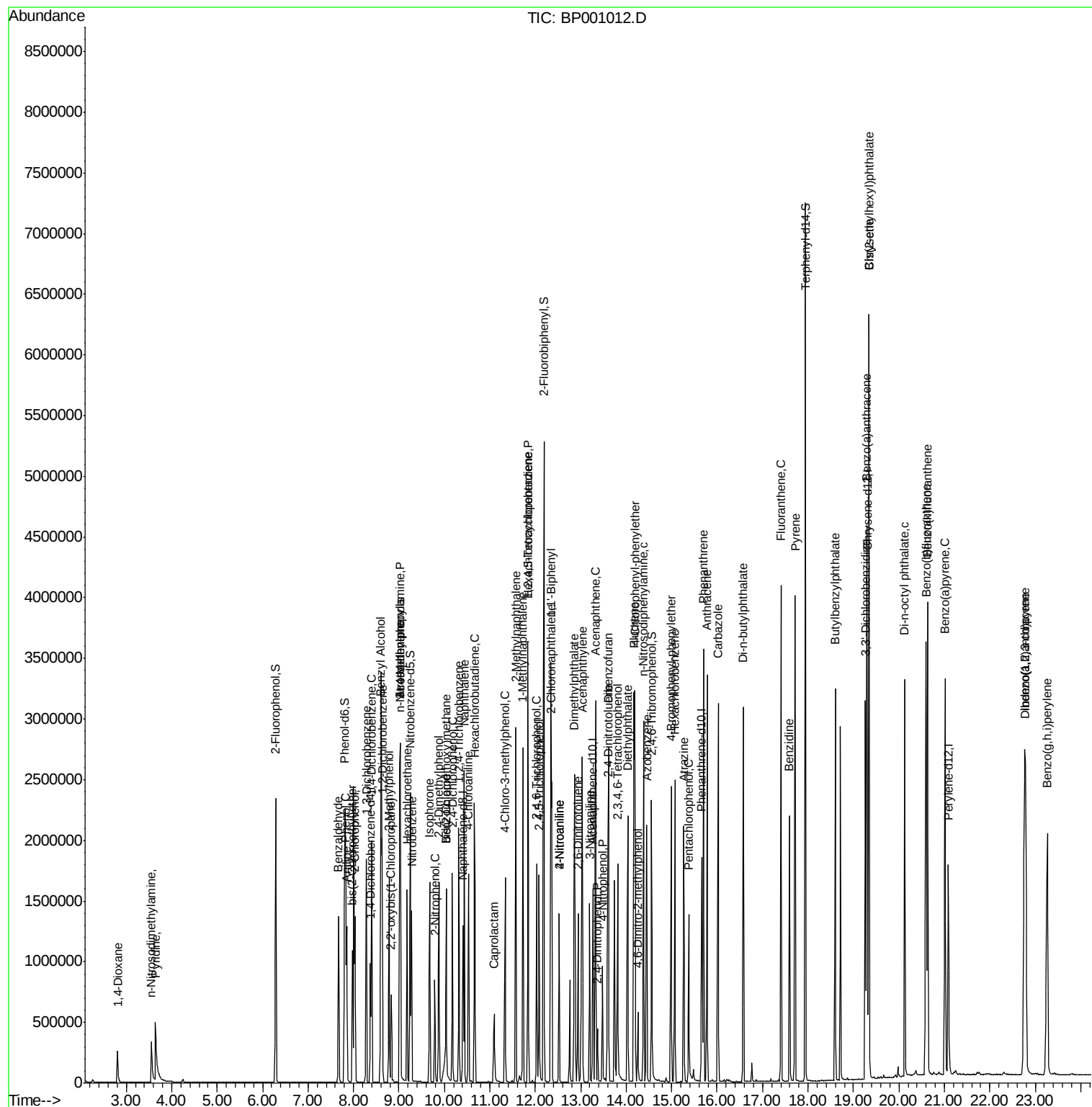
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 11.84 | 237  | 273123   | 38.908 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.03 | 196  | 329285   | 38.976 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.08 | 196  | 357492   | 39.577 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 12.34 | 154  | 1232556  | 39.171 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 12.36 | 162  | 984004   | 38.846 | ng    | 98       |
| 48) 2-Nitroaniline             | 12.52 | 65   | 271906   | 41.010 | ng    | 96       |
| 49) Acenaphthylene             | 13.03 | 152  | 1515105  | 39.344 | ng    | 100      |
| 50) Dimethylphthalate          | 12.86 | 163  | 1222379  | 39.283 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 12.94 | 165  | 259959   | 40.050 | ng    | 96       |
| 52) Acenaphthene               | 13.32 | 154  | 899073   | 39.035 | ng    | 99       |
| 53) 3-Nitroaniline             | 13.20 | 138  | 283909   | 40.102 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 13.37 | 184  | 68910    | 39.167 | ng    | 90       |
| 55) Dibenzofuran               | 13.61 | 168  | 1427192  | 39.672 | ng    | 100      |
| 56) 4-Nitrophenol              | 13.48 | 139  | 200003   | 40.624 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 13.59 | 165  | 343444   | 42.125 | ng    | 98       |
| 58) Fluorene                   | 14.17 | 166  | 1135922  | 39.675 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 13.81 | 232  | 303750   | 39.549 | ng    | 96       |
| 60) Diethylphthalate           | 14.03 | 149  | 1216822  | 38.930 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 14.19 | 204  | 593535   | 39.208 | ng    | 99       |
| 62) 4-Nitroaniline             | 12.52 | 138  | 310188   | 40.863 | ng    | 98       |
| 63) Azobenzene                 | 14.45 | 77   | 1043825  | 38.157 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 14.26 | 198  | 98755    | 38.257 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 14.38 | 169  | 978590   | 38.716 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 14.99 | 248  | 396420   | 38.306 | ng    | 99       |
| 68) Hexachlorobenzene          | 15.07 | 284  | 470125   | 39.200 | ng    | 98       |
| 69) Atrazine                   | 15.27 | 200  | 353649   | 38.426 | ng    | 100      |
| 70) Pentachlorophenol          | 15.37 | 266  | 218519   | 40.933 | ng    | 99       |
| 71) Phenanthrene               | 15.70 | 178  | 1773792  | 39.423 | ng    | 100      |
| 72) Anthracene                 | 15.78 | 178  | 1730592  | 39.428 | ng    | 100      |
| 73) Carbazole                  | 16.02 | 167  | 1603101  | 39.837 | ng    | 100      |
| 74) Di-n-butylphthalate        | 16.57 | 149  | 1865103  | 38.403 | ng    | 99       |
| 75) Fluoranthene               | 17.41 | 202  | 2057910  | 40.465 | ng    | 98       |
| 77) Benzidine                  | 17.59 | 184  | 889748   | 31.050 | ng    | 97       |
| 78) Pyrene                     | 17.72 | 202  | 2084852  | 37.913 | ng    | 100      |
| 80) Butylbenzylphthalate       | 18.60 | 149  | 808315   | 37.122 | ng    | 99       |
| 81) Benzo(a)anthracene         | 19.29 | 228  | 2054702  | 39.207 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 19.26 | 252  | 737255   | 38.584 | ng    | 98       |
| 83) Chrysene                   | 19.34 | 228  | 1862636  | 40.483 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 19.35 | 149  | 1042429  | 37.653 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 20.13 | 149  | 1837339  | 36.864 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 22.76 | 276  | 2504903  | 39.789 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 20.60 | 252  | 2075482  | 37.844 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 20.63 | 252  | 2051630  | 39.741 | ng    | 98       |
| 90) Benzo(a)pyrene             | 21.02 | 252  | 1960216  | 38.870 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 22.79 | 278  | 2027657  | 39.395 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 23.26 | 276  | 2010138  | 38.786 | ng    | 98       |

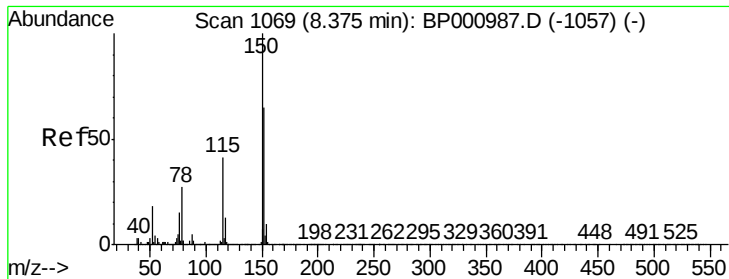
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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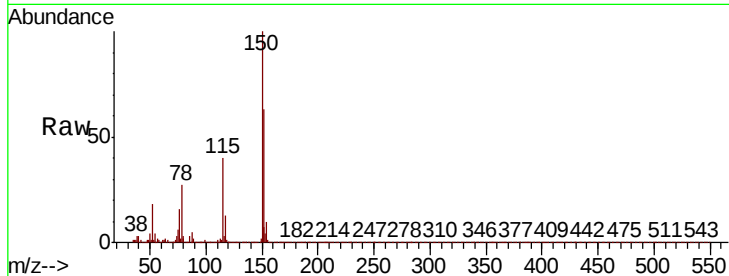




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.37 min Scan# 1068  
 Delta R.T. -0.01 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

Instrument :  
 BNA\_P  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.0 | 123.6 | 185.4 |
| 115     | 62.8  | 50.1  | 75.1  |

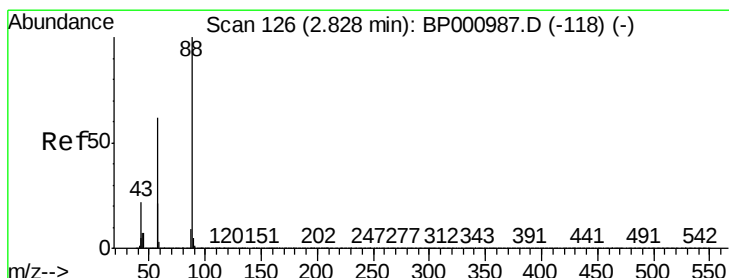
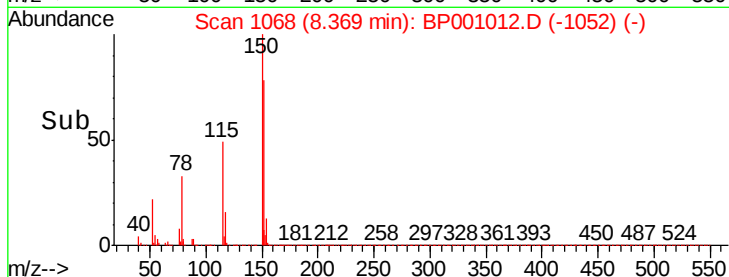
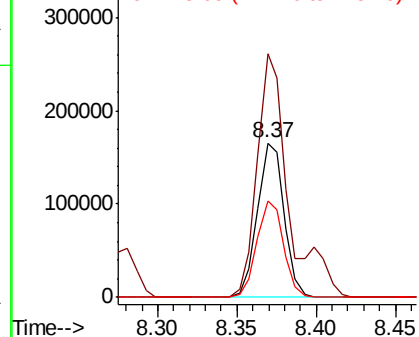


Abundance

Ion 152.00 (151.70 to 152.70): E

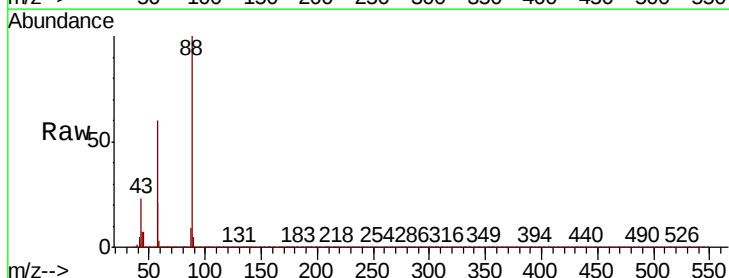
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2  
 1,4-Dioxane  
 Concen: 37.978 ng  
 RT: 2.80 min Scan# 122  
 Delta R.T. -0.02 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 60.4  | 49.8  | 74.8  |
| 43      | 23.0  | 17.6  | 26.4  |

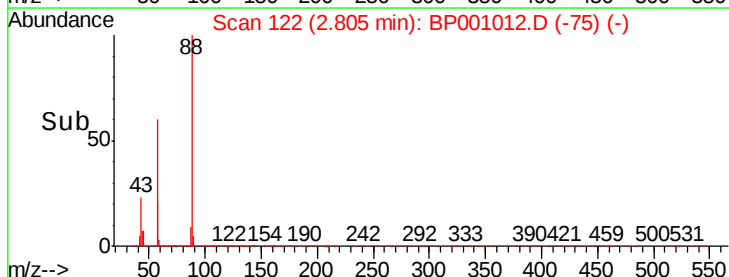
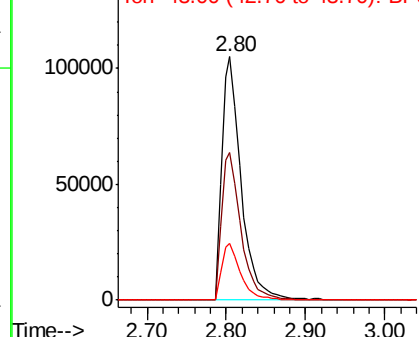


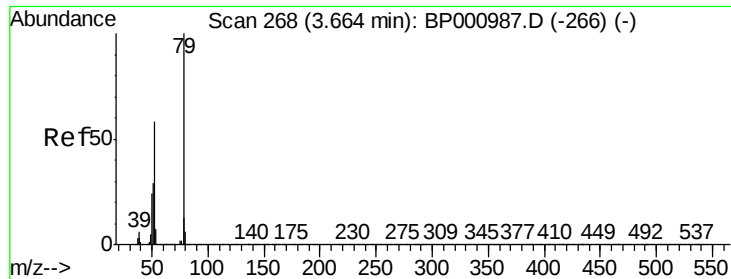
Abundance

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: 39.241 ng

RT: 3.64 min Scan# 264

Delta R.T. -0.02 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampled :

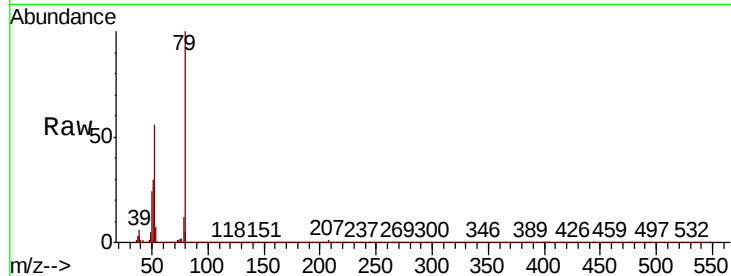
Tot Ion: 79 Resp: 479048

Ion Ratio Lower Upper

79 100

52 56.0 46.4 69.6

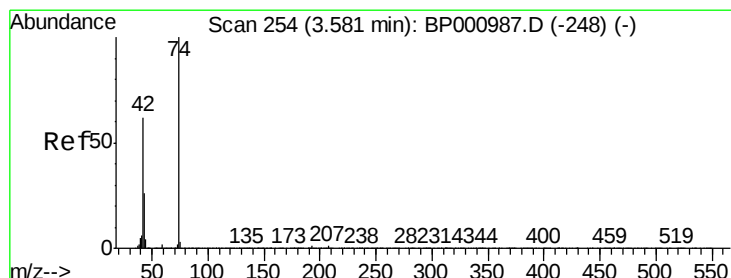
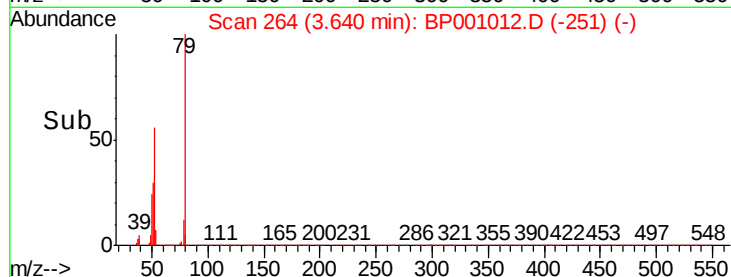
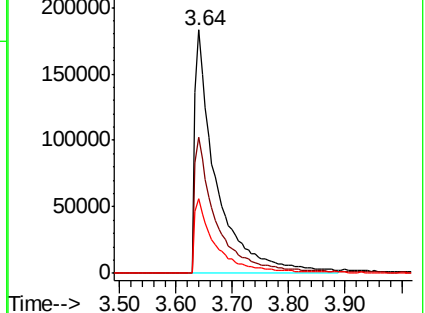
51 30.5 23.4 35.0



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: 40.691 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

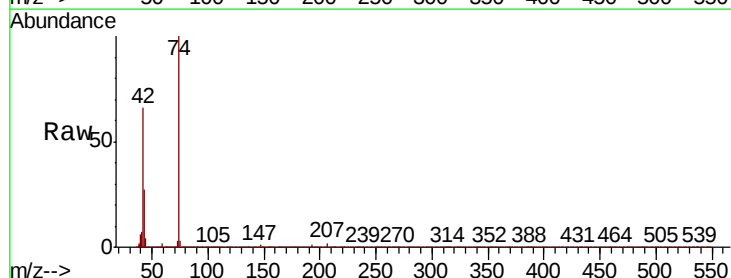
Tgt Ion: 42 Resp: 173130

Ion Ratio Lower Upper

42 100

74 152.1 128.4 192.6

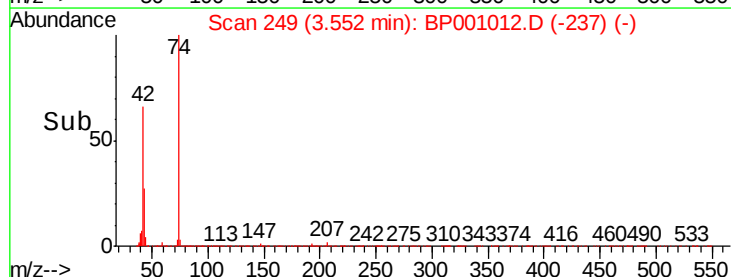
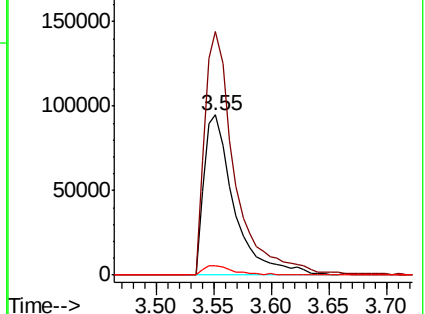
44 6.0 5.4 8.2

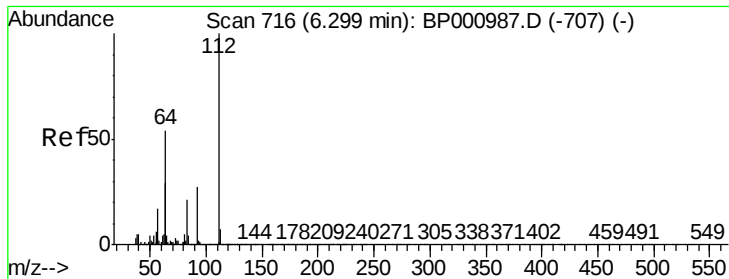


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 79.342 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampled :

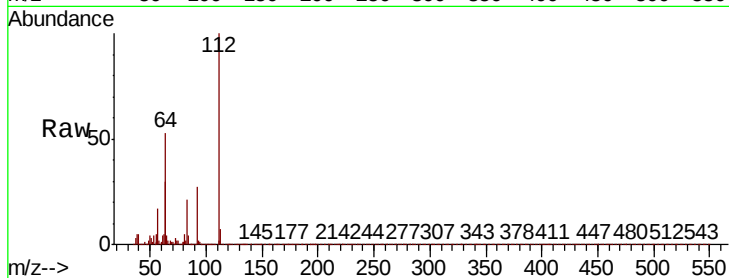
Tot Ion: 112 Resp: 842596

Ion Ratio Lower Upper

112 100

64 52.9 43.4 65.0

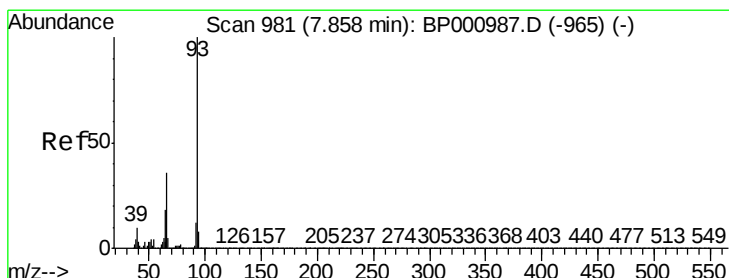
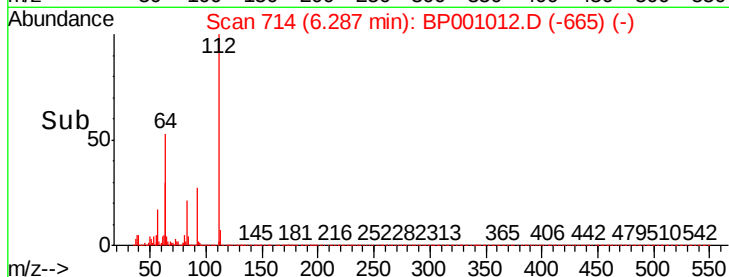
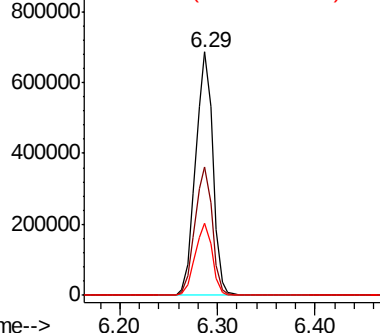
63 29.8 23.4 35.0



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: 39.550 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

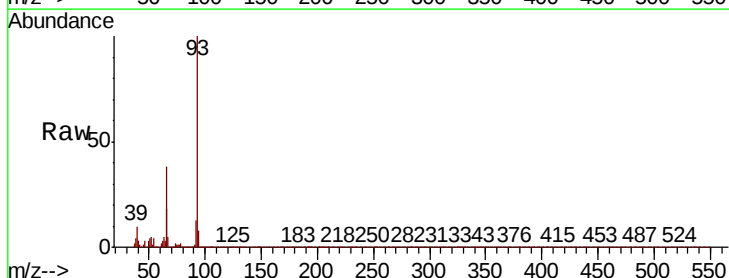
Tgt Ion: 93 Resp: 693656

Ion Ratio Lower Upper

93 100

66 37.5 29.1 43.7

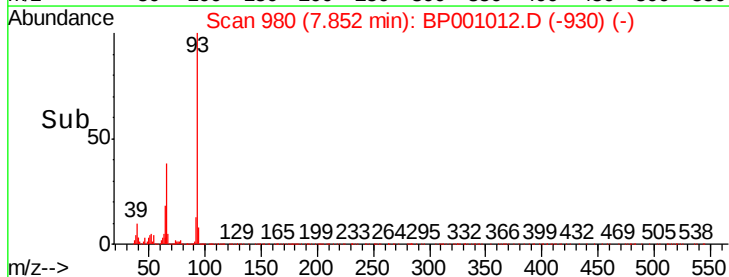
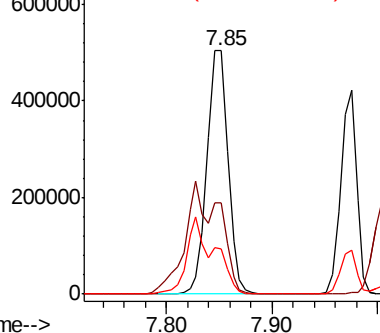
65 18.4 14.6 21.8

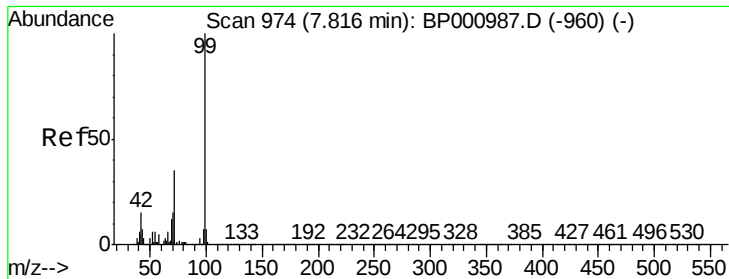


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 79.163 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

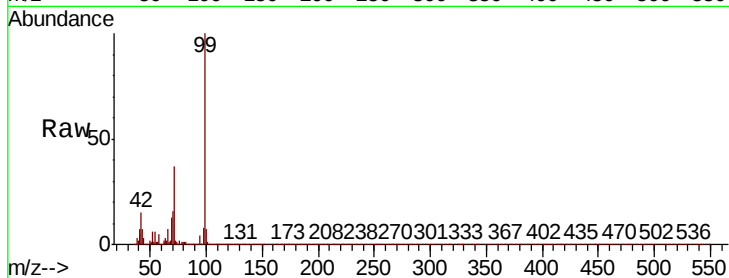
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 1063104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.9  | 11.6  | 17.4  |
| 71  | 37.1  | 28.0  | 42.0  |

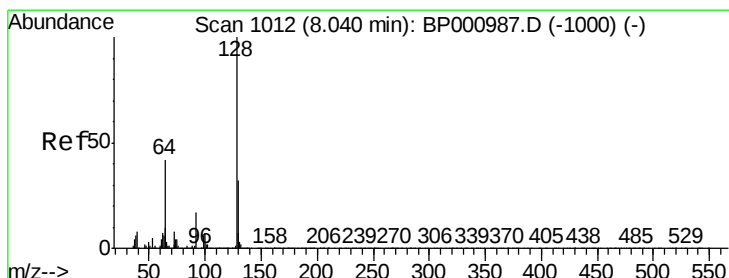
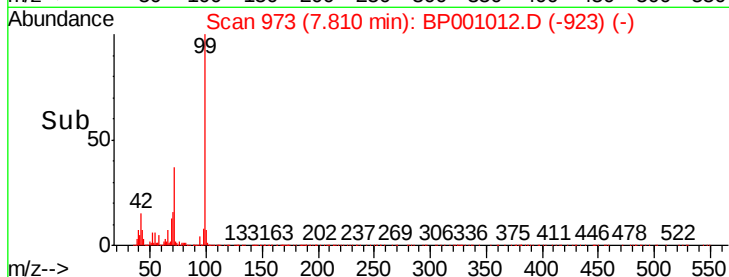
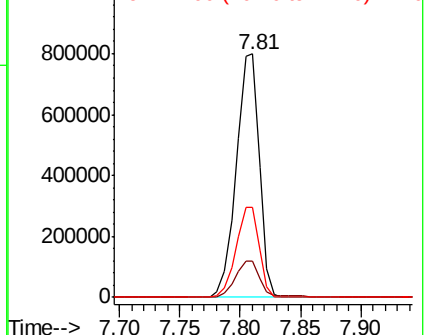


Abundance

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: 40.155 ng

RT: 8.03 min Scan# 1011

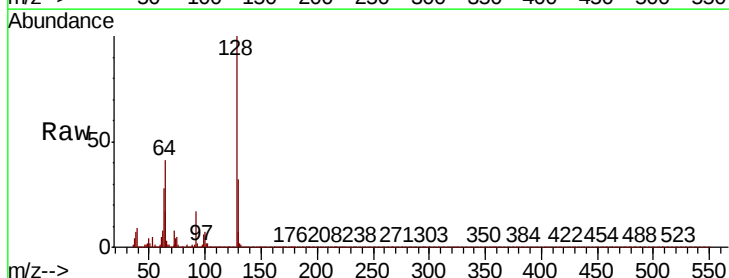
Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Tgt Ion: 128 Resp: 452206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.9  | 12.0  | 52.0  |
| 64  | 40.9  | 22.7  | 62.7  |

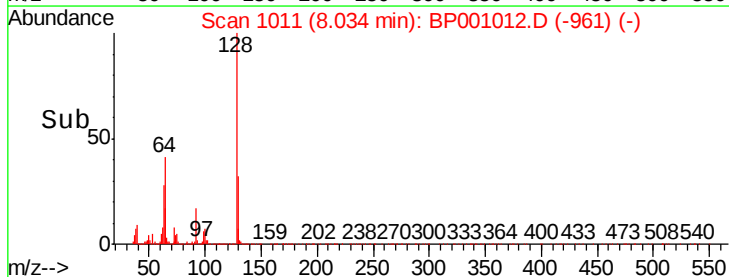
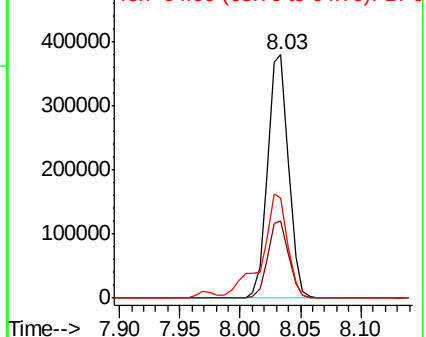


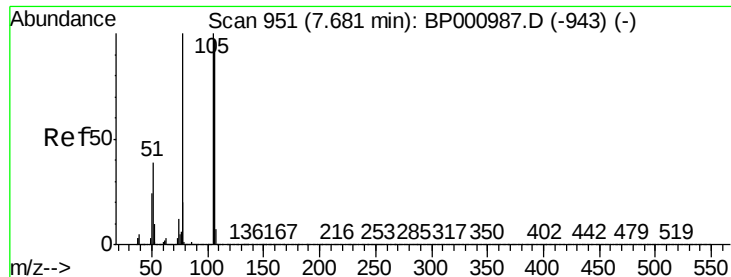
Abundance

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: 38.452 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

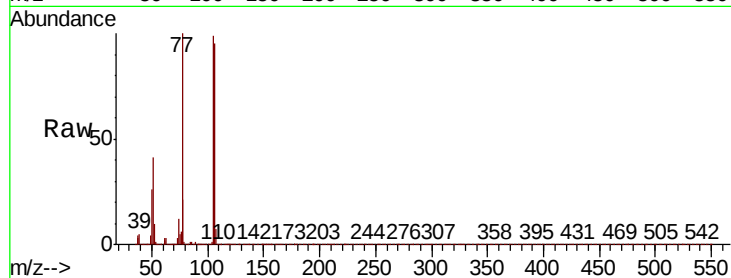
Tot Ion: 77 Resp: 360294

Ion Ratio Lower Upper

77 100

105 98.8 80.0 120.0

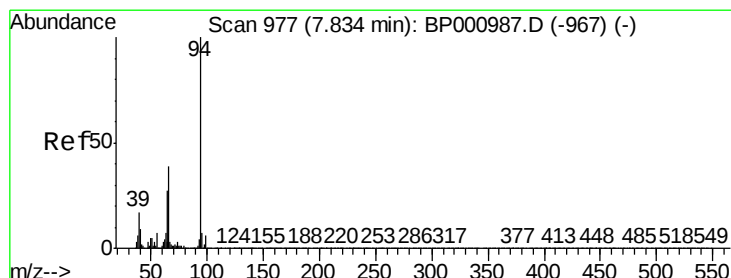
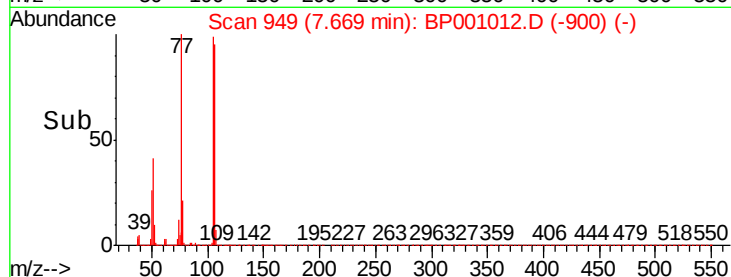
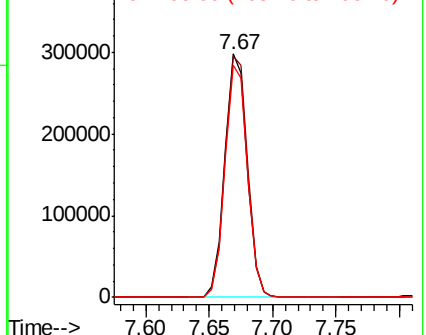
106 95.4 76.9 116.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.145 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

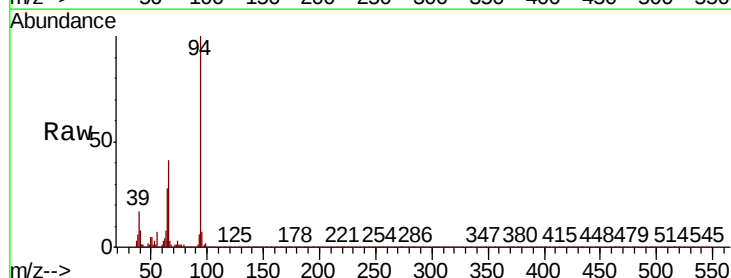
Tgt Ion: 94 Resp: 604373

Ion Ratio Lower Upper

94 100

65 28.1 6.7 46.7

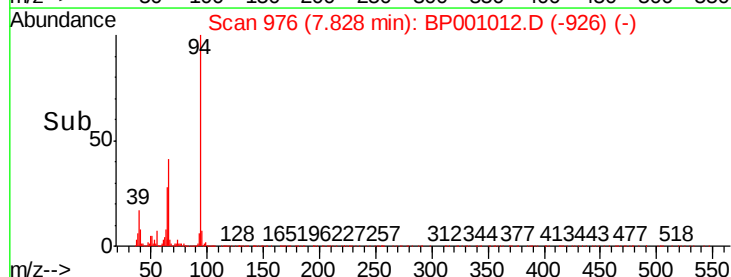
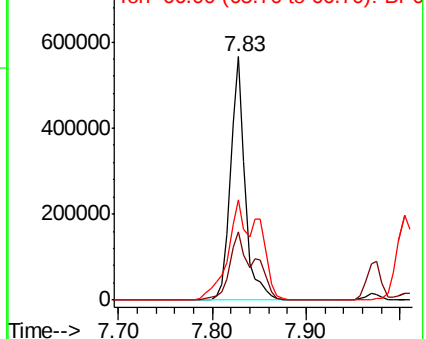
66 41.2 18.6 58.6

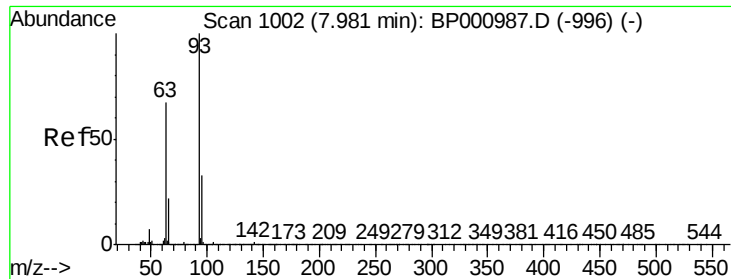


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

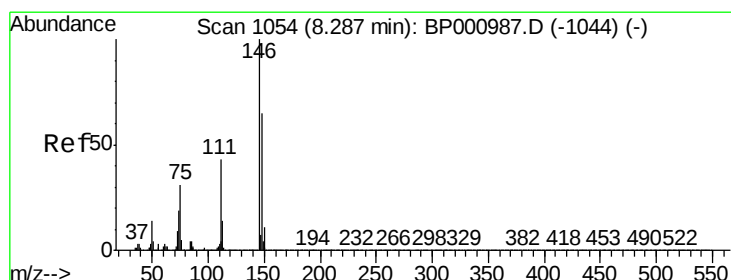
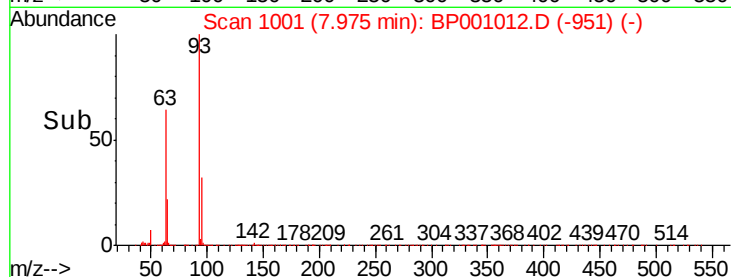
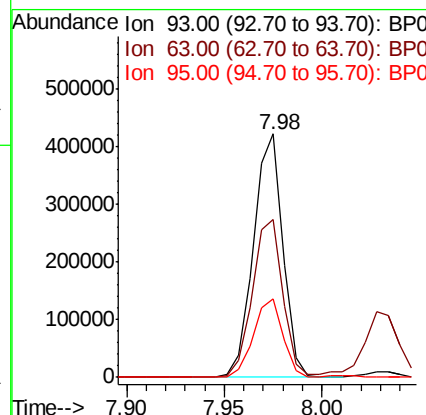
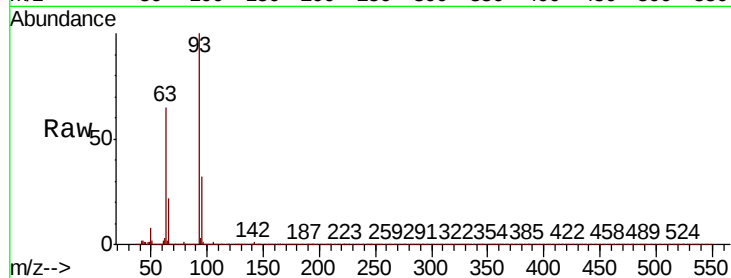




#11  
bis(2-Chloroethyl)ether  
Concen: 38.282 ng  
RT: 7.98 min Scan# 1001  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

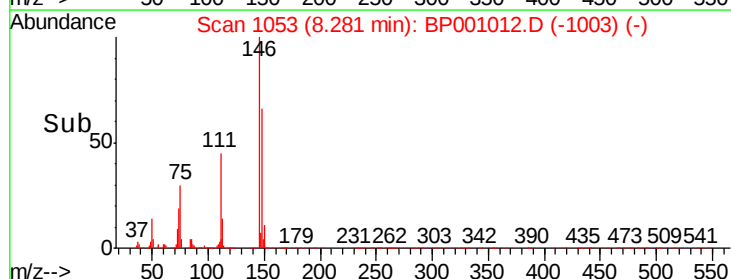
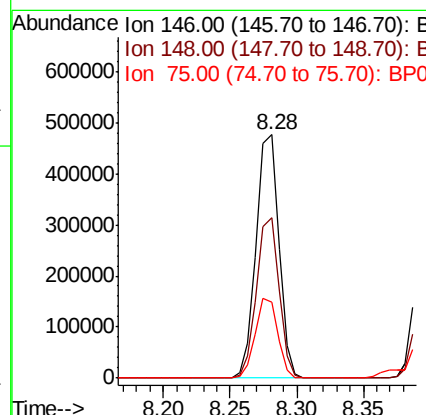
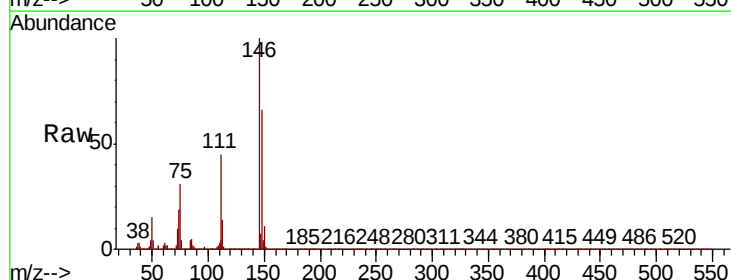
Instrument :  
BNA\_P  
ClientSampled :

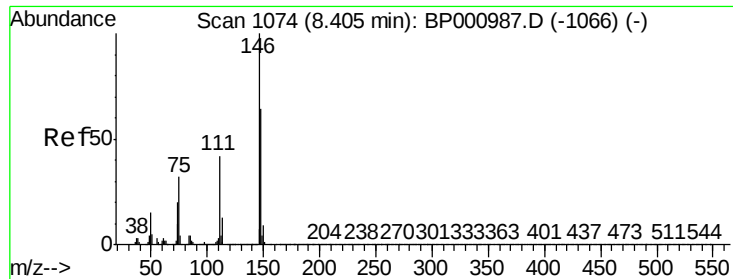
Tot Ion: 93 Resp: 437753  
Ion Ratio Lower Upper  
93 100  
63 64.6 47.4 87.4  
95 32.0 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 39.306 ng  
RT: 8.28 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion: 146 Resp: 555341  
Ion Ratio Lower Upper  
146 100  
148 65.6 52.3 78.5  
75 31.2 24.6 37.0

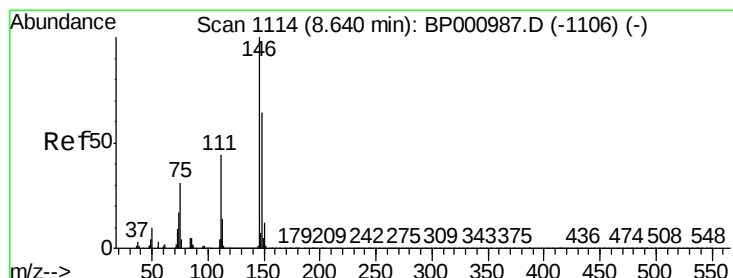
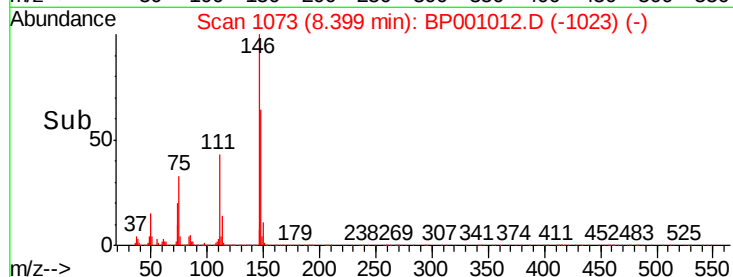
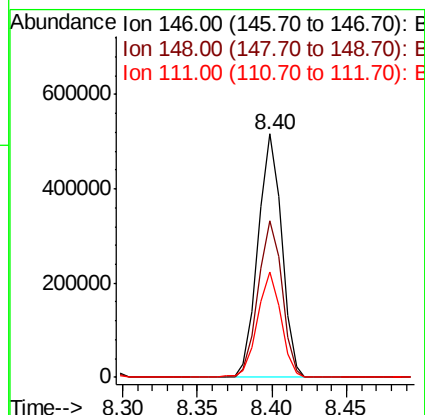
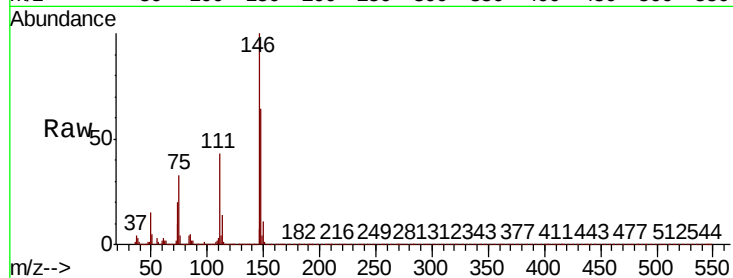




#13  
1,4-Dichlorobenzene  
Concen: 39.423 ng  
RT: 8.40 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

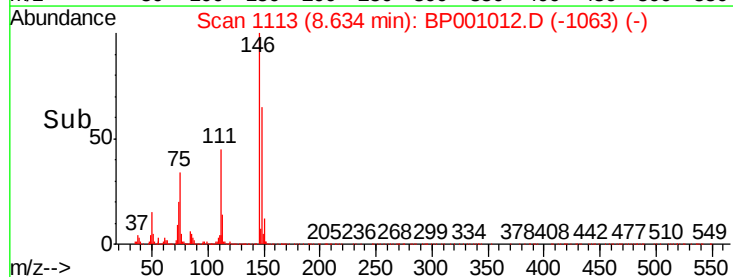
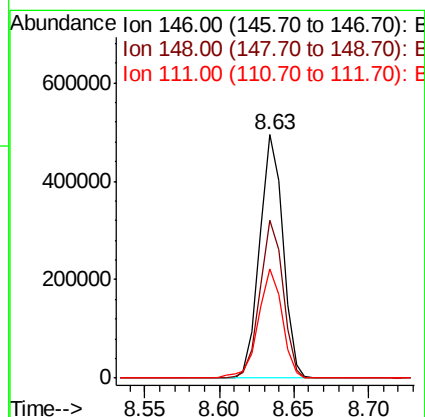
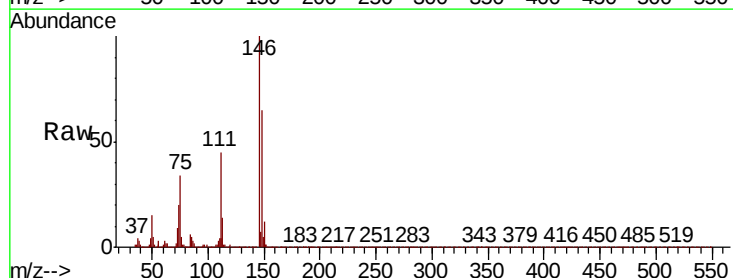
Instrument :  
BNA\_P  
ClientSampleId :

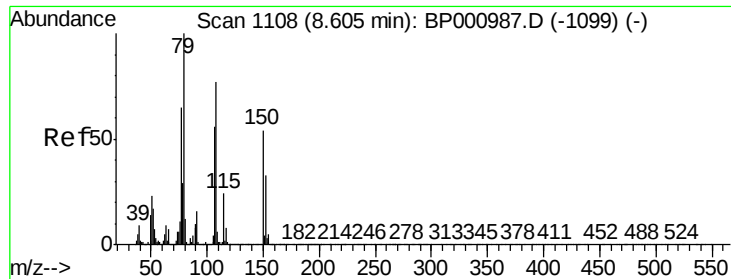
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.5  | 77.3  |
| 111     | 43.5  | 33.8  | 50.6  |



#14  
1,2-Dichlorobenzene  
Concen: 39.992 ng  
RT: 8.63 min Scan# 1113  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.4  | 77.0  |
| 111     | 45.1  | 35.6  | 53.4  |

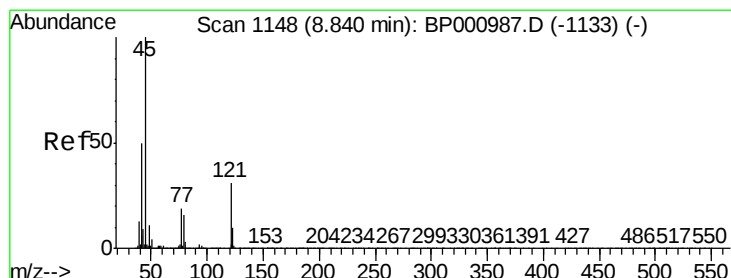
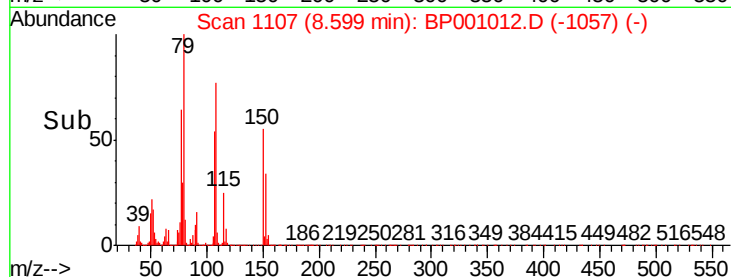
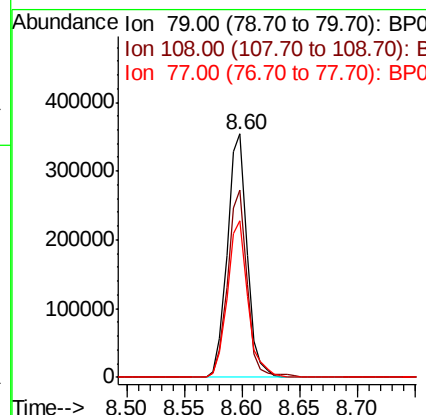
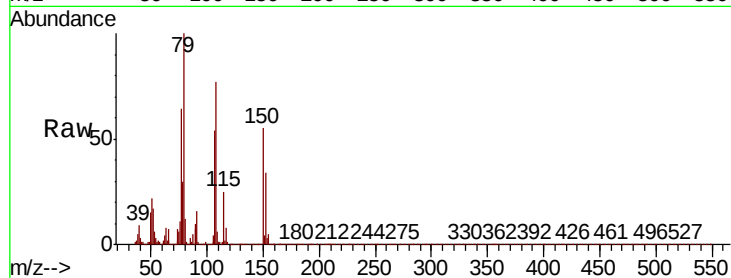




#15  
Benzyl Alcohol  
Concen: 41.220 ng  
RT: 8.60 min Scan# 1107  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

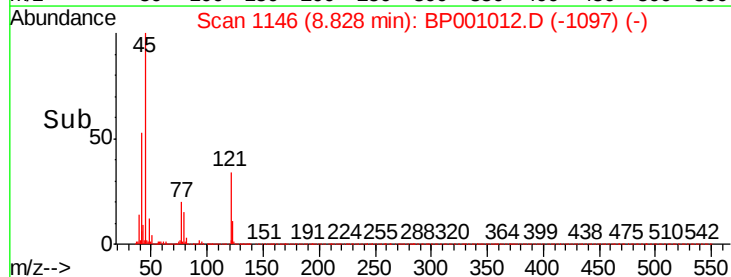
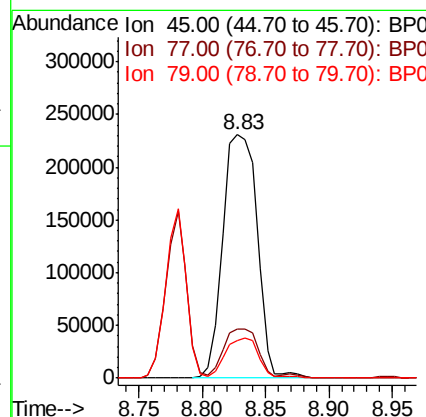
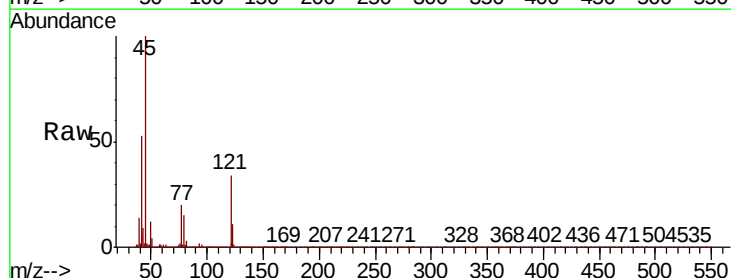
Instrument :  
BNA\_P  
ClientSampled :

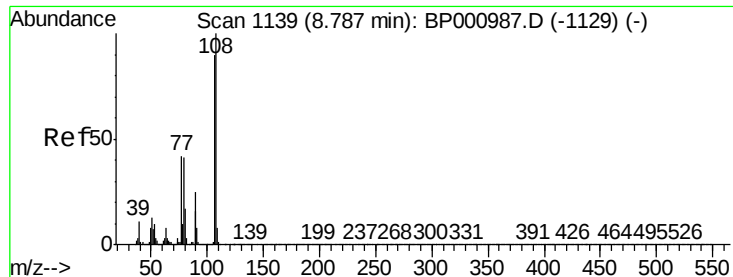
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.1  | 62.0  | 93.0  |
| 77      | 64.1  | 51.9  | 77.9  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.385 ng  
RT: 8.83 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 20.2  | 0.0   | 39.1  |
| 79      | 15.3  | 0.0   | 35.9  |

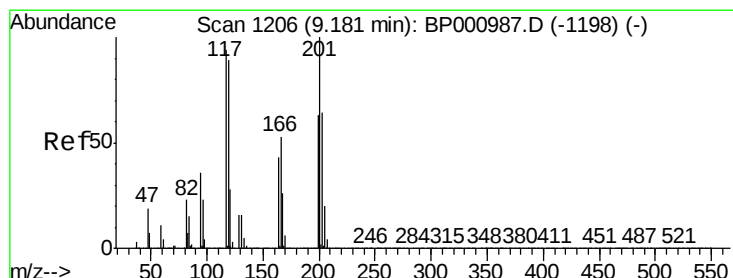
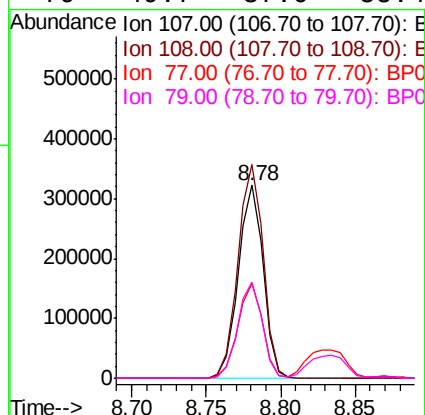
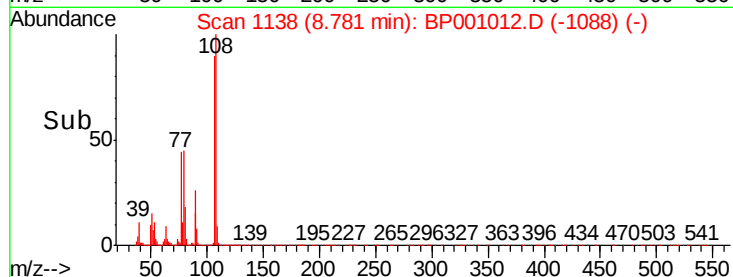
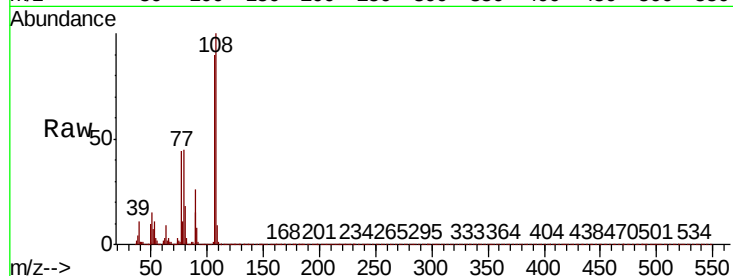




#17  
2-Methylphenol  
Concen: 39.235 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

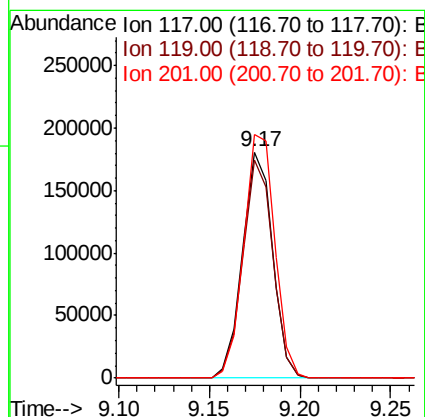
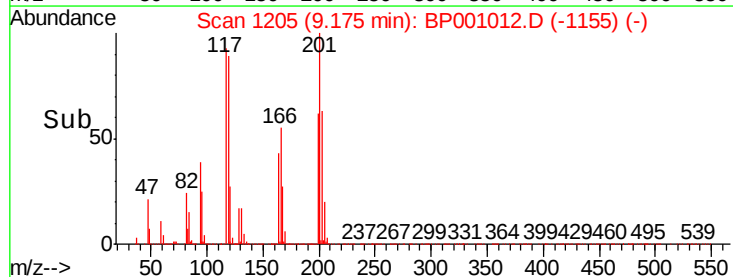
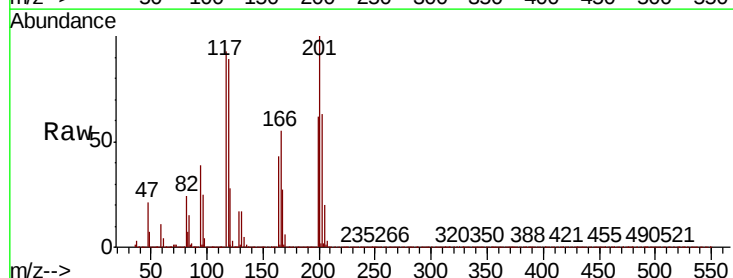
Instrument :  
BNA\_P  
ClientSampleId :

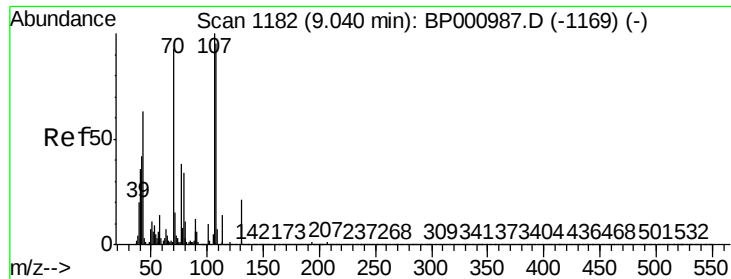
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 375133 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.6 | 89.3  | 133.9  |
| 77       | 49.1  | 37.2  | 55.8   |
| 79       | 49.7  | 37.0  | 55.4   |



#18  
Hexachloroethane  
Concen: 39.803 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 208062 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.3  | 75.5  | 113.3  |
| 201      | 107.8 | 84.9  | 127.3  |





#19

n-Nitroso-di-n-propylamine

Concen: 39.096 ng

RT: 9.03 min Scan# 1181

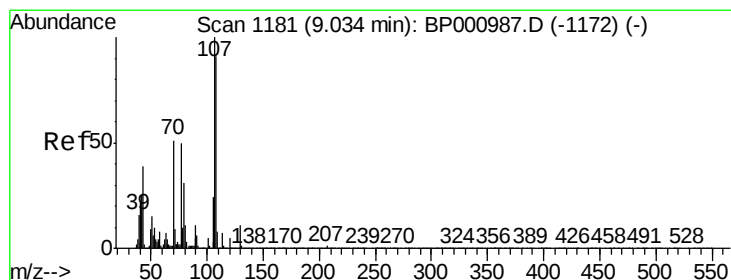
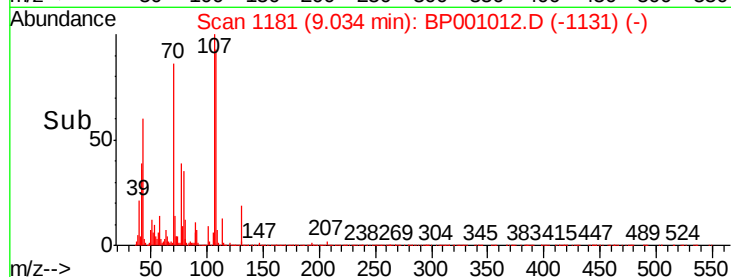
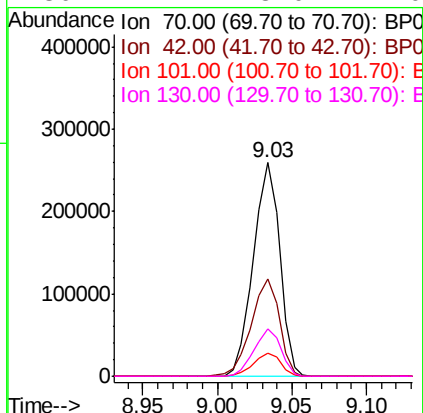
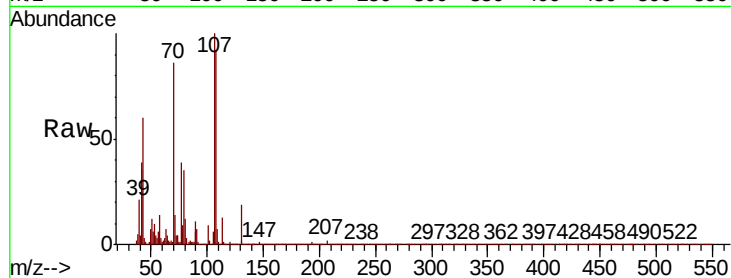
Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 315266 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 45.4  | 36.3  | 54.5   |
| 101      | 10.7  | 8.7   | 13.1   |
| 130      | 22.2  | 18.0  | 27.0   |



#20

3+4-Methylphenols

Concen: 40.452 ng

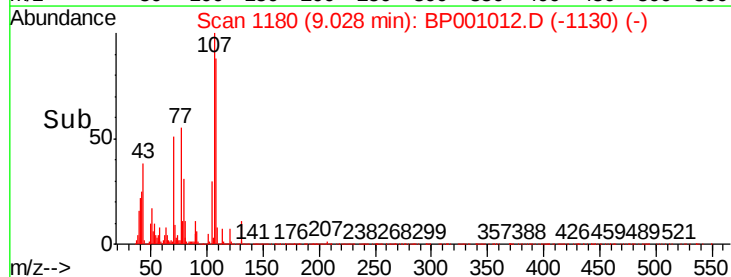
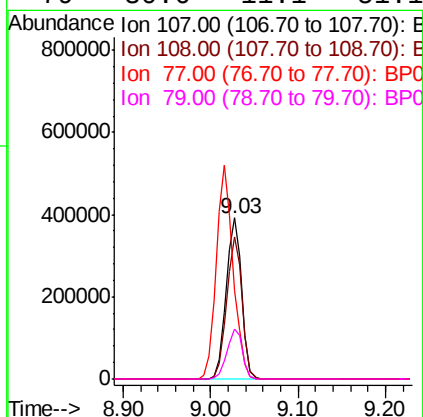
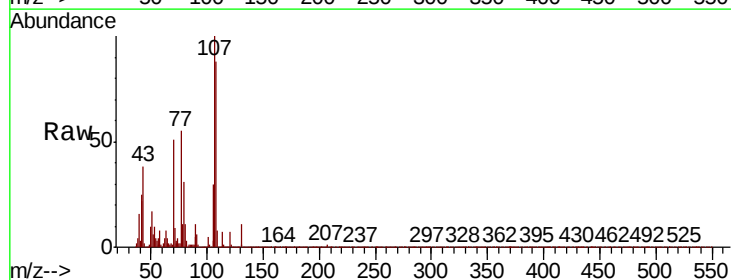
RT: 9.03 min Scan# 1180

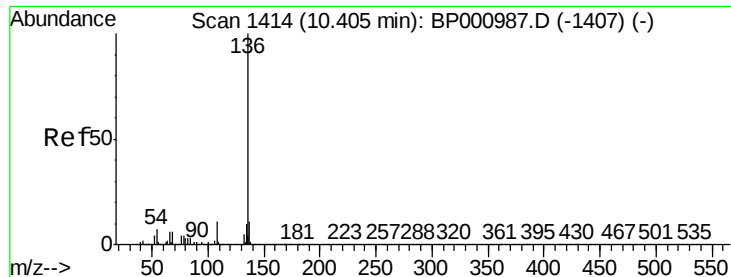
Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 479836 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 71.1  | 111.1  |
| 77       | 55.2  | 29.8  | 69.8   |
| 79       | 30.6  | 11.1  | 51.1   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BP001012.D

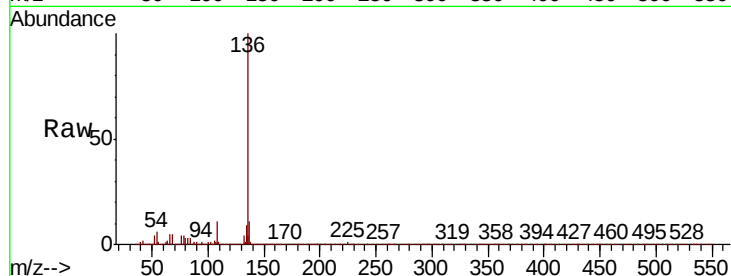
Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 701148 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.0    | 9.0   | 13.6   |
| 54 6.3      | 5.4   | 8.2    |
| 68 5.3      | 4.7   | 7.1    |



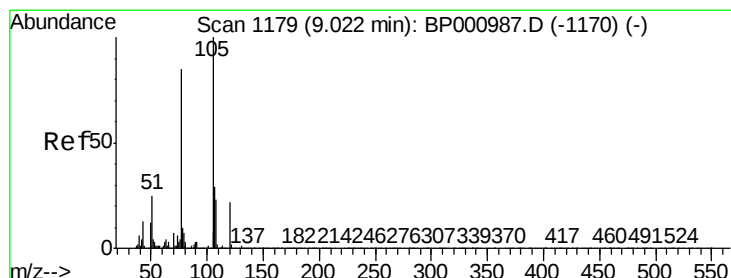
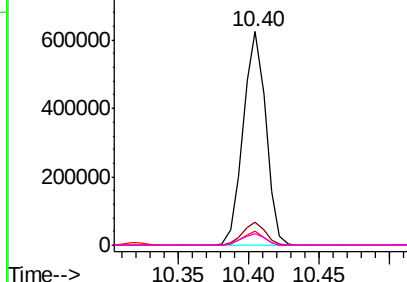
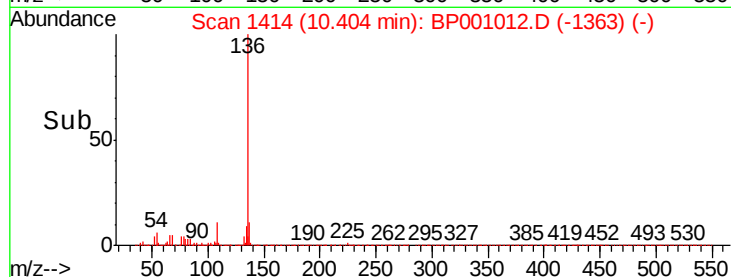
Abundance

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: 39.238 ng

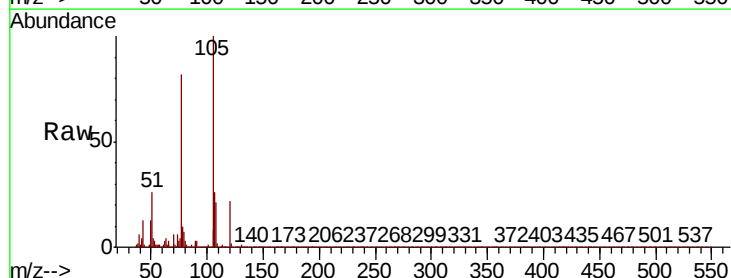
RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:105 | Resp: | 710514 |
| Ion Ratio   | Lower | Upper  |
| 105 100     |       |        |
| 71 1.1      | 1.0   | 1.4    |
| 51 25.8     | 19.9  | 29.9   |
| 120 21.7    | 17.8  | 26.6   |



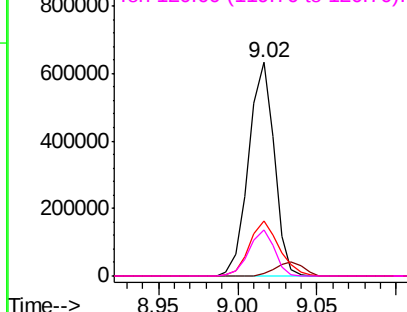
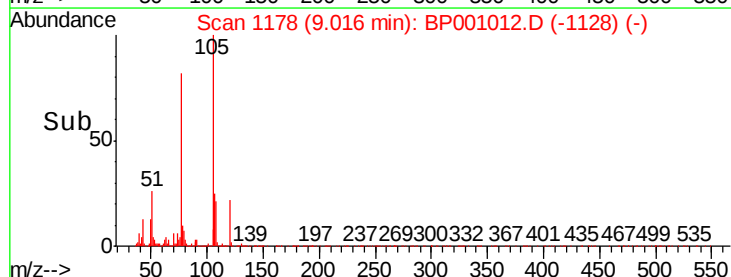
Abundance

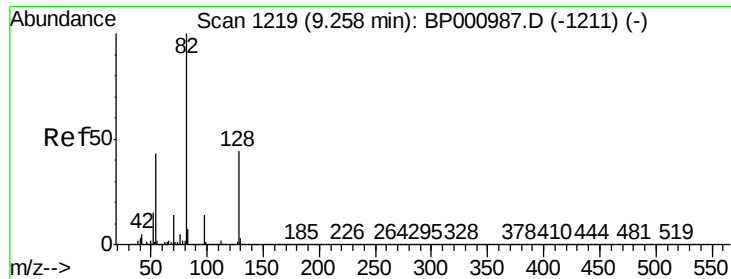
Ion 105.00 (104.70 to 105.70): E

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

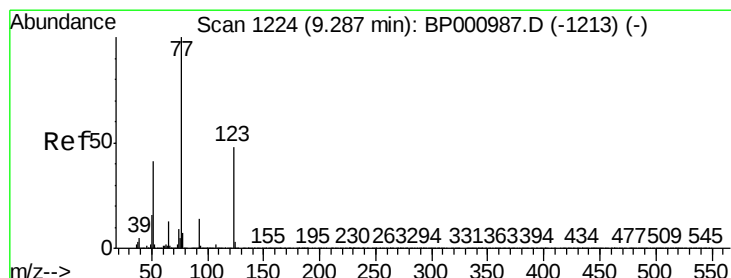
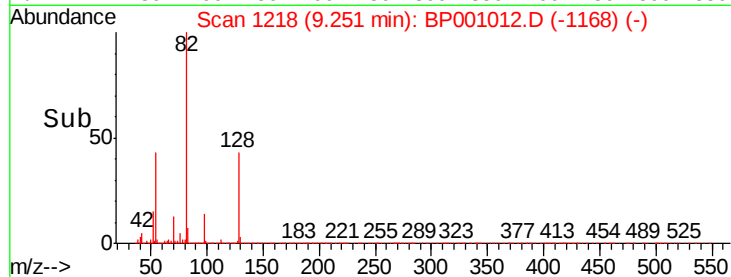
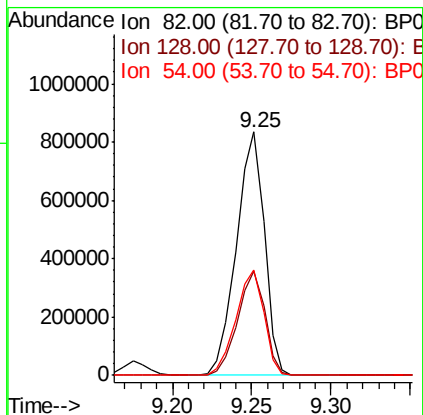
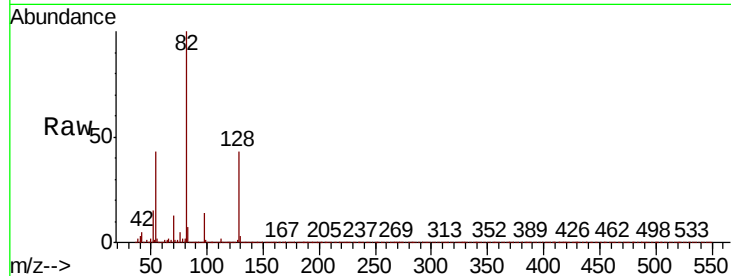




#23  
 Nitrobenzene-d5  
 Concen: 80.548 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

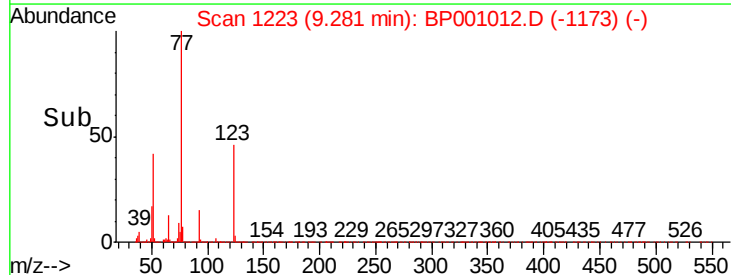
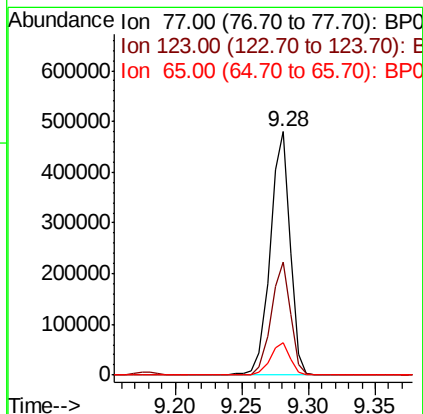
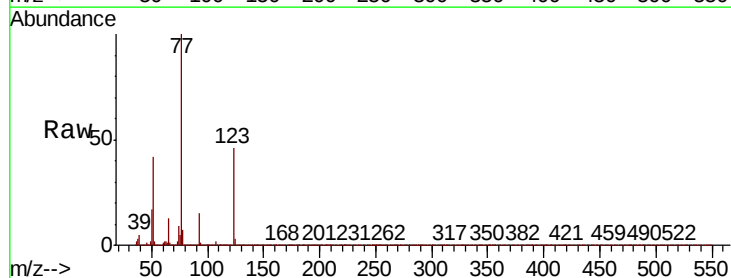
Instrument :  
 BNA\_P  
 ClientSampled :

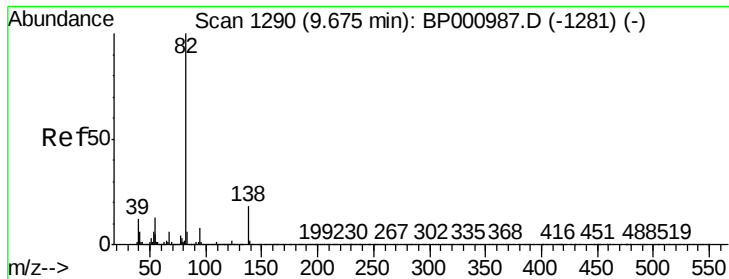
Tot Ion: 82 Resp: 1020955  
 Ion Ratio Lower Upper  
 82 100  
 128 43.0 35.3 52.9  
 54 43.4 34.3 51.5



#24  
 Nitrobenzene  
 Concen: 39.153 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

Tgt Ion: 77 Resp: 497966  
 Ion Ratio Lower Upper  
 77 100  
 123 46.3 38.1 57.1  
 65 13.1 10.2 15.2





#25

Isophorone

Concen: 38.010 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

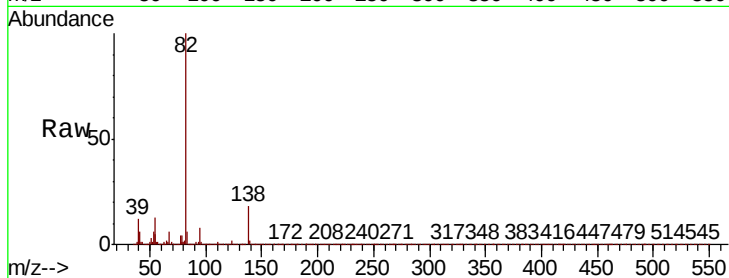
Tot Ion: 82 Resp: 886774

Ion Ratio Lower Upper

82 100

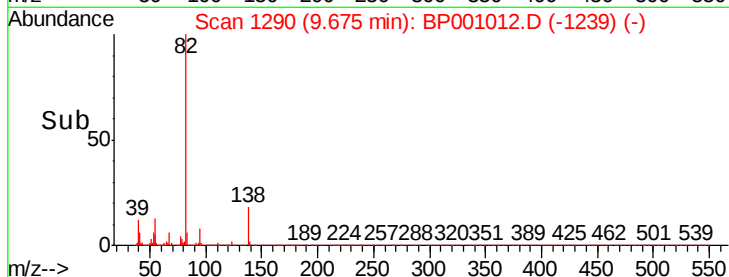
95 8.4 6.2 9.4

138 18.0 14.2 21.4

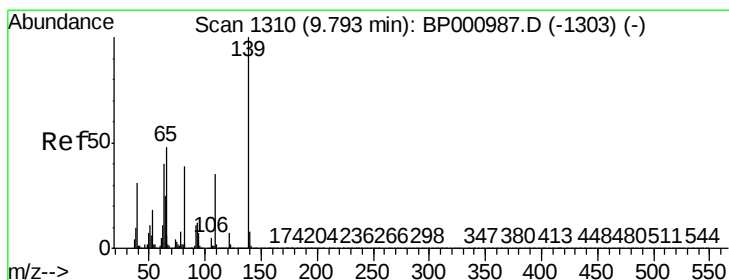


Abundance Ion 82.00 (81.70 to 82.70): BP0  
Ion 95.00 (94.70 to 95.70): BP0  
Ion 138.00 (137.70 to 138.70): E

9.67



Time-->



#26

2-Nitrophenol

Concen: 40.309 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

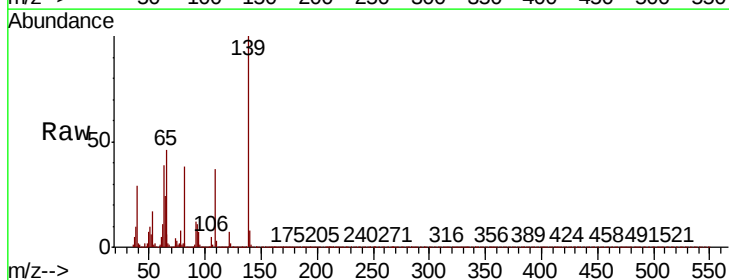
Tgt Ion: 139 Resp: 191581

Ion Ratio Lower Upper

139 100

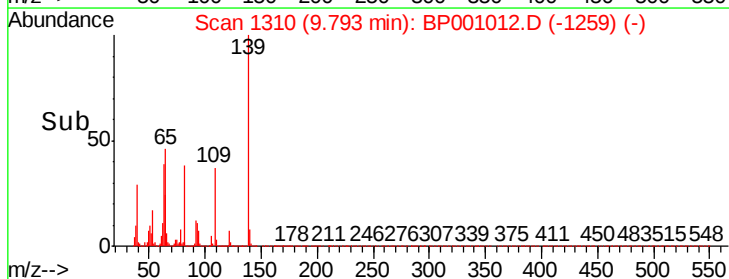
109 36.8 27.7 41.5

65 46.4 38.2 57.4

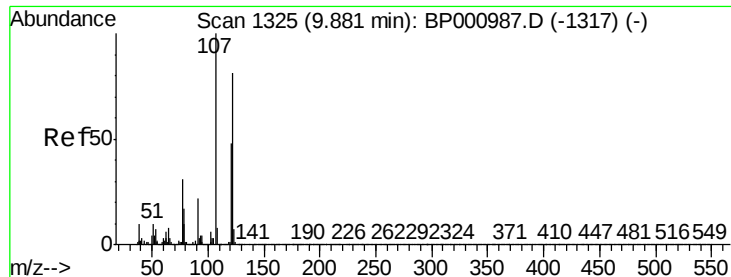


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BP0

9.79



Time-->



#27

2,4-Dimethylphenol

Concen: 38.017 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

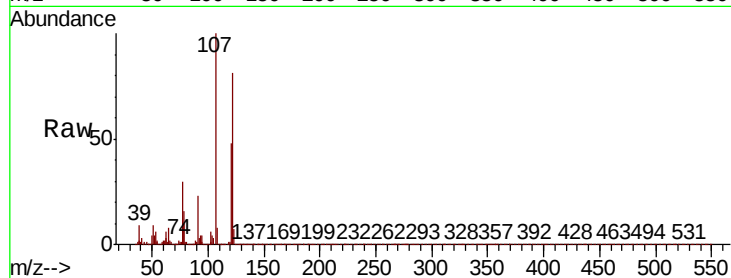
Tot Ion:122 Resp: 338360

Ion Ratio Lower Upper

122 100

107 123.1 99.3 148.9

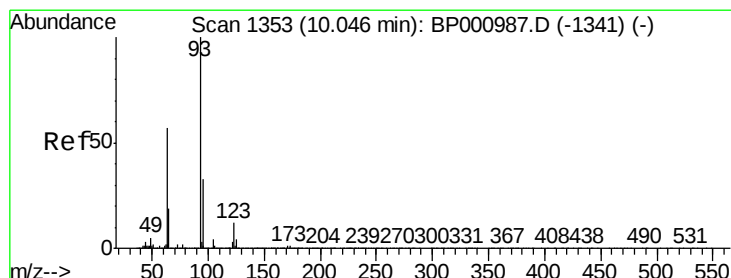
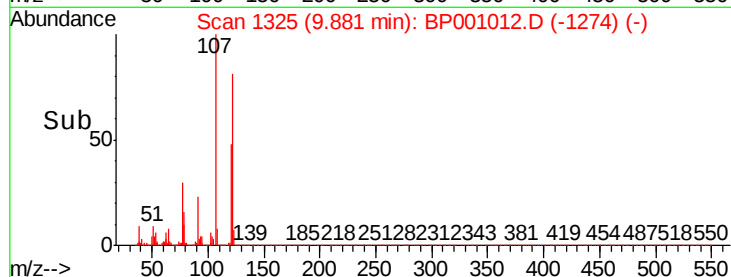
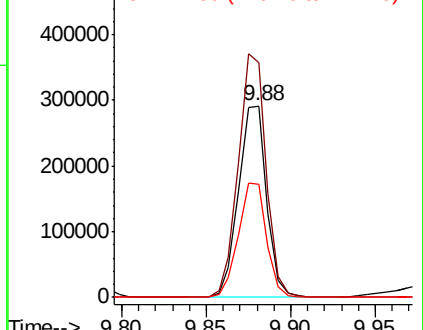
121 59.2 47.9 71.9



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: 37.597 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

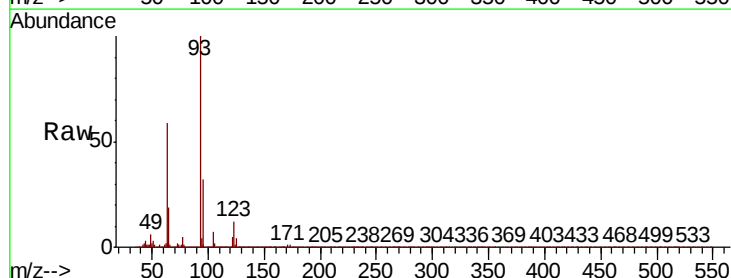
Tgt Ion: 93 Resp: 573508

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

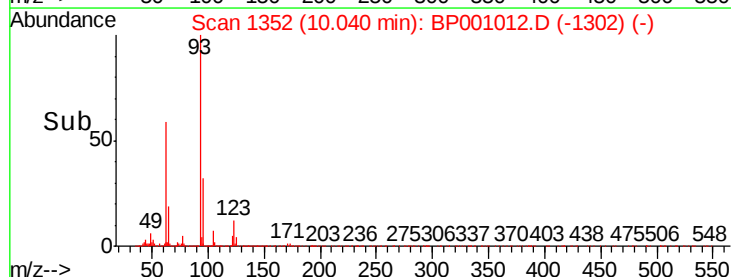
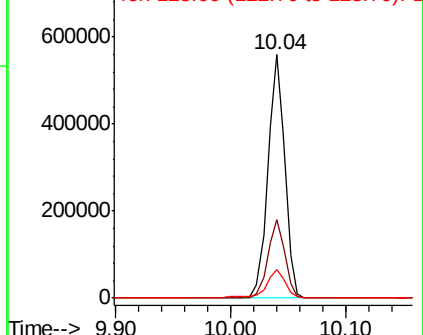
123 11.6 9.6 14.4

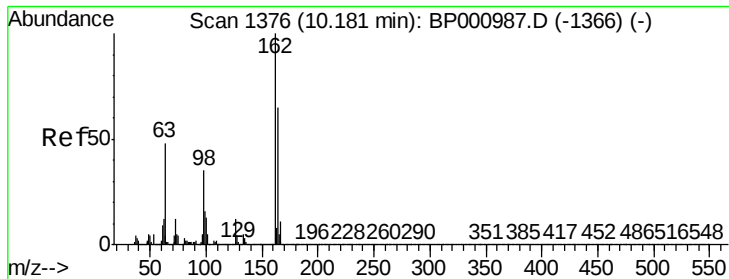


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

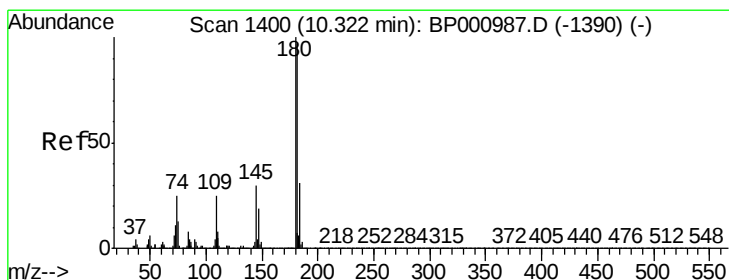
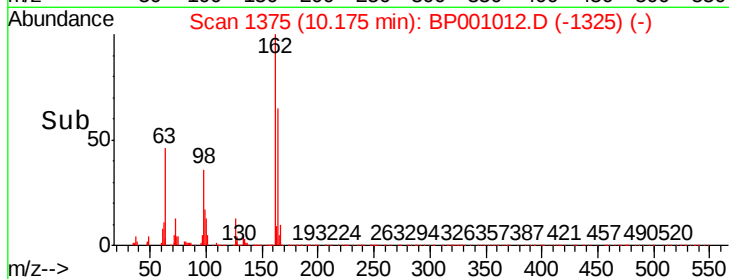
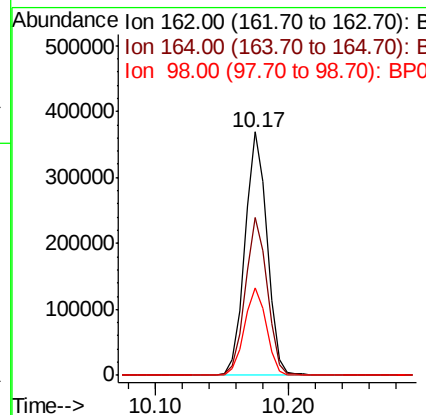
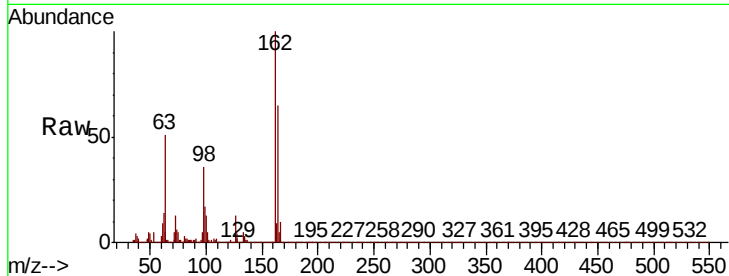




#29  
 2,4-Dichlorophenol  
 Concen: 39.261 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.01 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

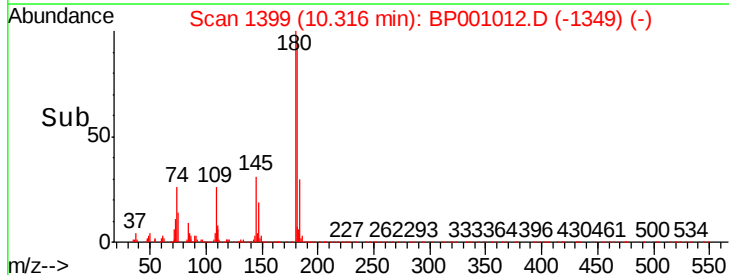
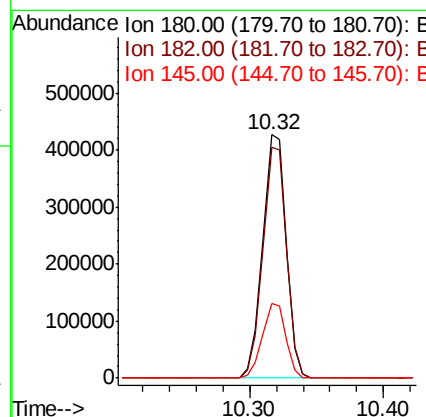
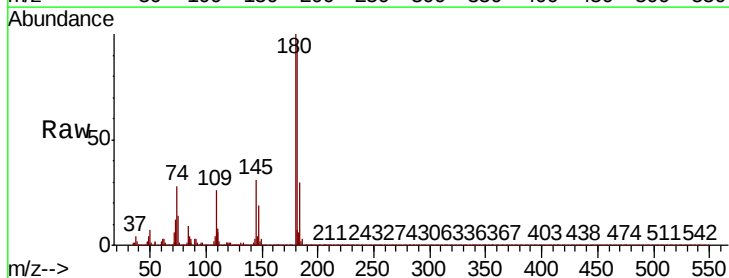
Instrument :  
 BNA\_P  
 ClientSampleId :

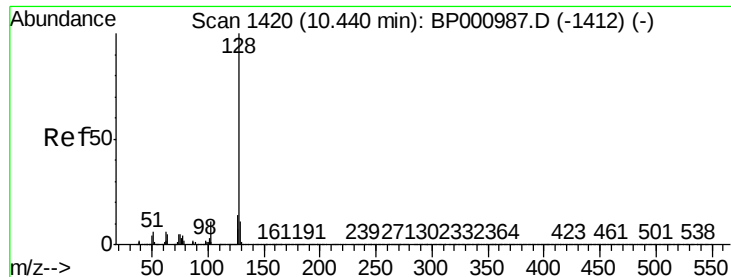
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 421758 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 64.8  | 44.5  | 84.5   |
| 98       | 36.0  | 15.2  | 55.2   |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.112 ng  
 RT: 10.32 min Scan# 1399  
 Delta R.T. -0.01 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 516159 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.8  | 77.8  | 116.6  |
| 145      | 30.9  | 24.2  | 36.4   |

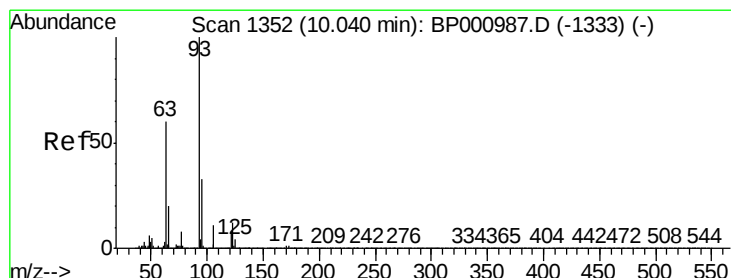
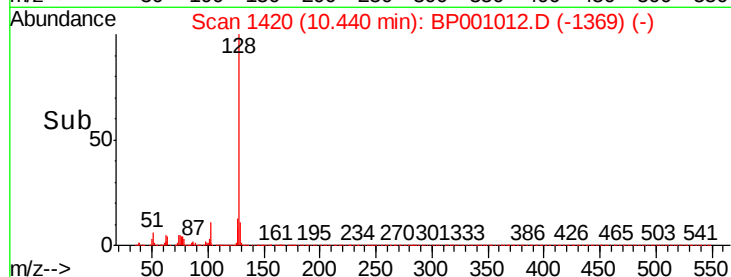
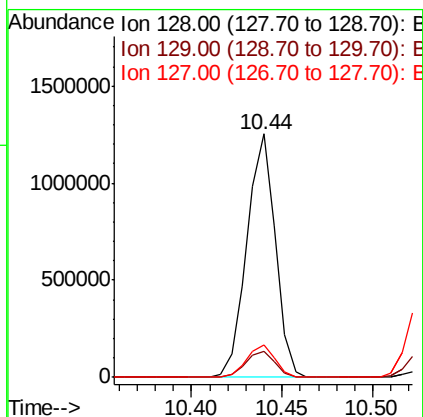
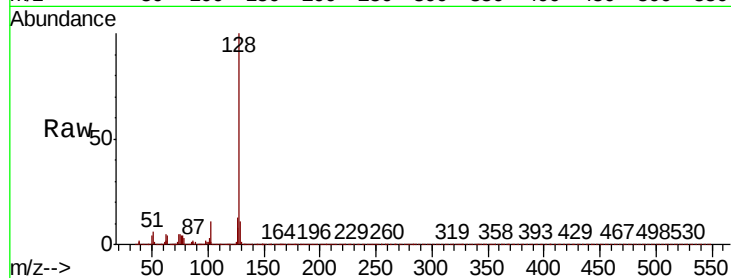




#31  
Naphthalene  
Concen: 39.077 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

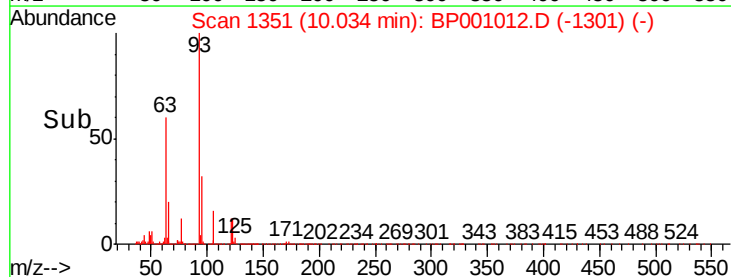
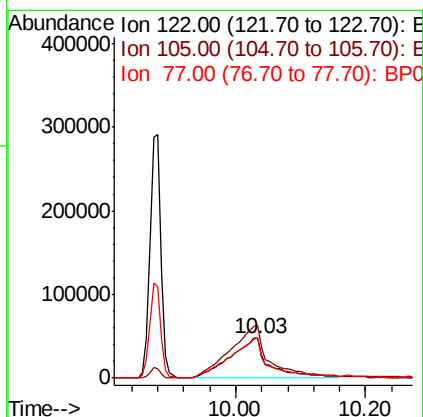
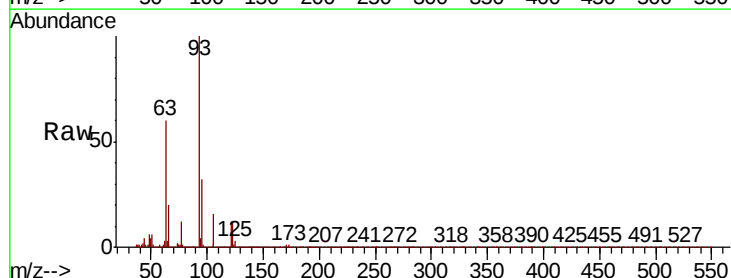
Instrument :  
BNA\_P  
ClientSampleId :

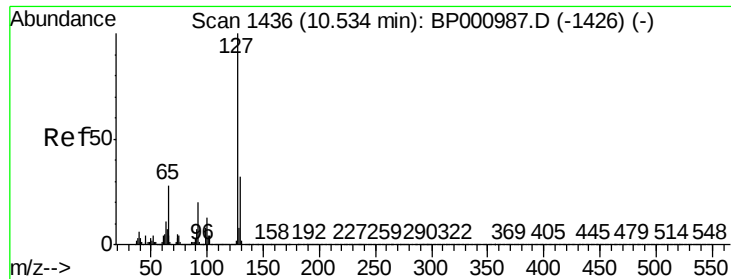
Tot Ion:128 Resp: 1368920  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 38.162 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion:122 Resp: 195086  
Ion Ratio Lower Upper  
122 100  
105 131.6 110.5 150.5  
77 98.7 77.9 117.9

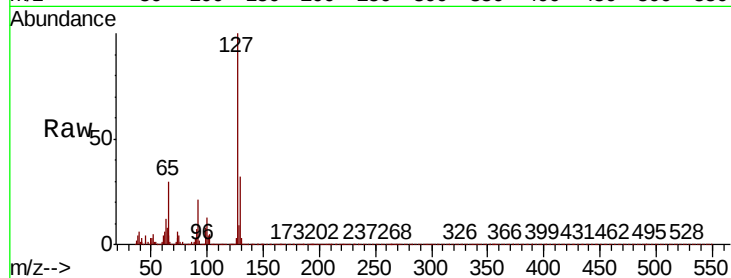




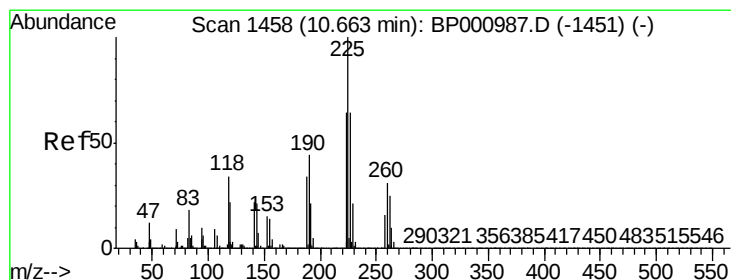
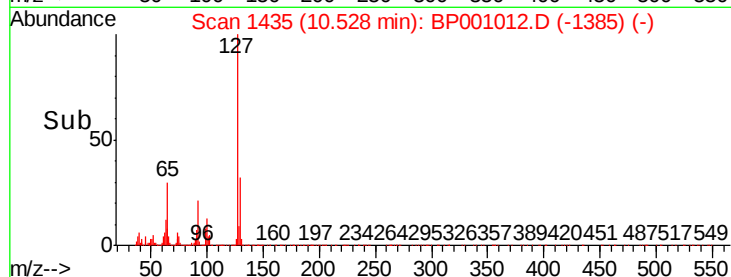
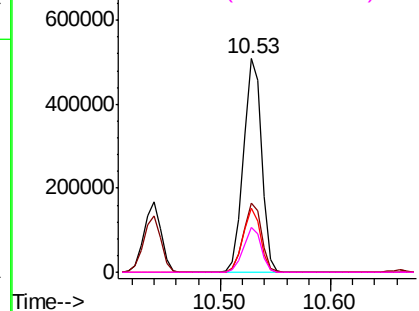
#33  
4-Chloroaniline  
Concen: 39.222 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 589186 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.8  | 38.6   |
| 65       | 30.3  | 22.7  | 34.1   |
| 92       | 21.1  | 15.8  | 23.6   |

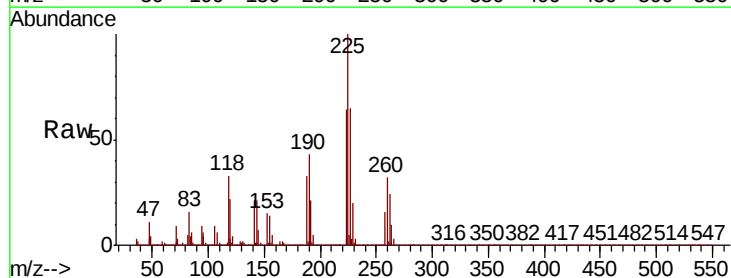


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BP0  
Ion 92.00 (91.70 to 92.70): BP0

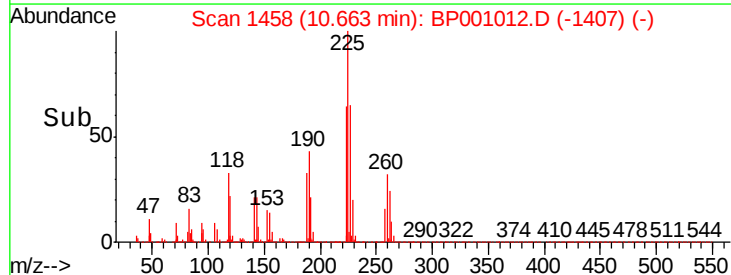
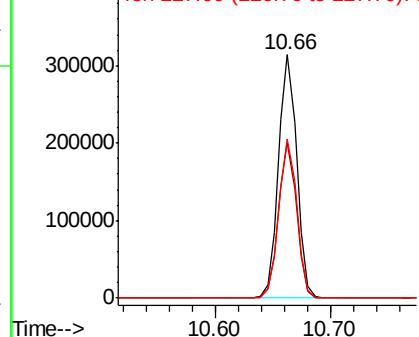


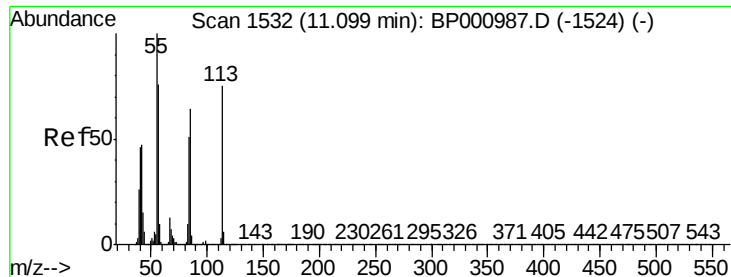
#34  
Hexachlorobutadiene  
Concen: 39.567 ng  
RT: 10.66 min Scan# 1458  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 344989 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 51.1  | 76.7   |
| 227      | 65.5  | 51.4  | 77.2   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

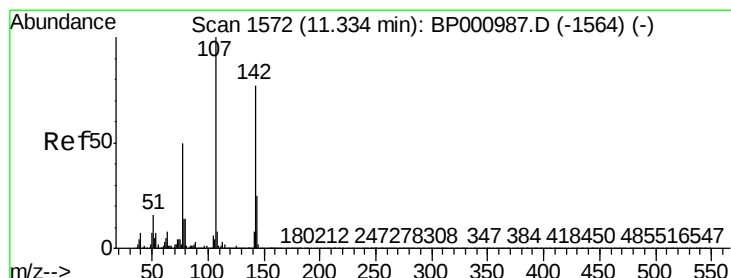
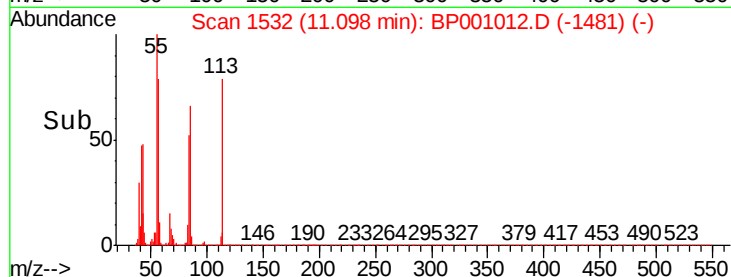
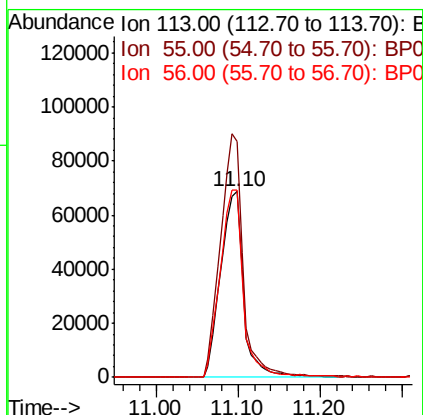
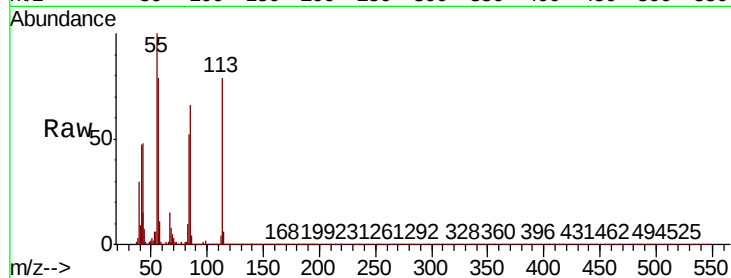




#35  
Caprolactam  
Concen: 39.396 ng  
RT: 11.10 min Scan# 1532  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

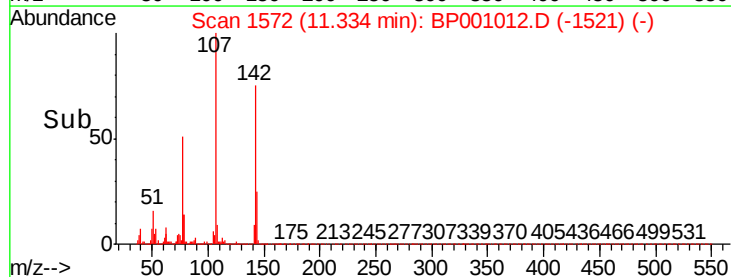
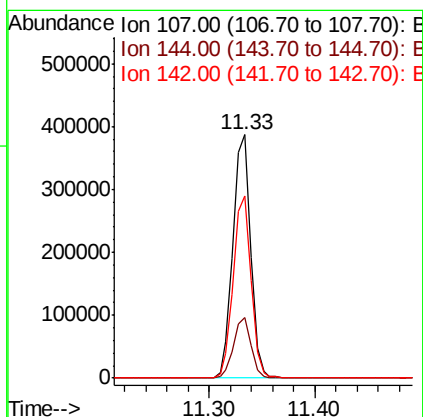
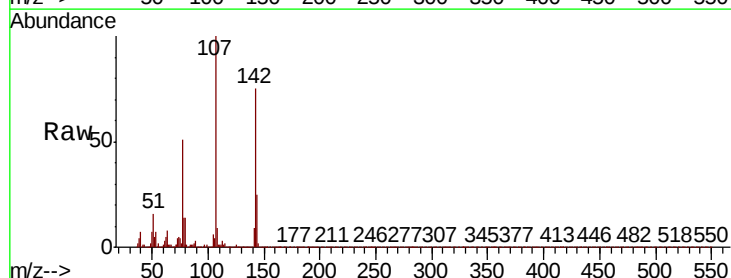
Instrument :  
BNA\_P  
ClientSampleId :

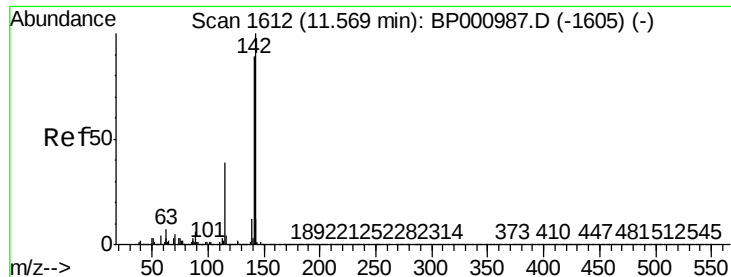
Tot Ion:113 Resp: 133577  
Ion Ratio Lower Upper  
113 100  
55 126.8 114.2 154.2  
56 100.7 81.9 121.9



#36  
4-Chloro-3-methylphenol  
Concen: 40.108 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion:107 Resp: 447401  
Ion Ratio Lower Upper  
107 100  
144 25.0 20.0 30.0  
142 74.8 61.9 92.9

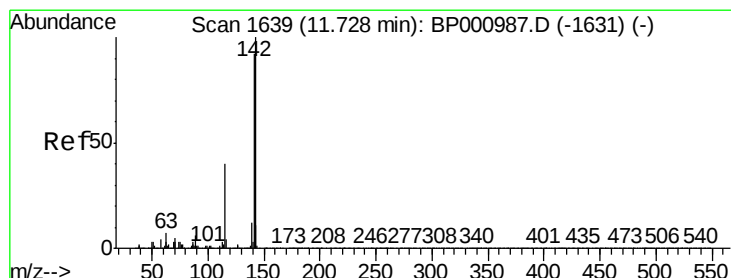
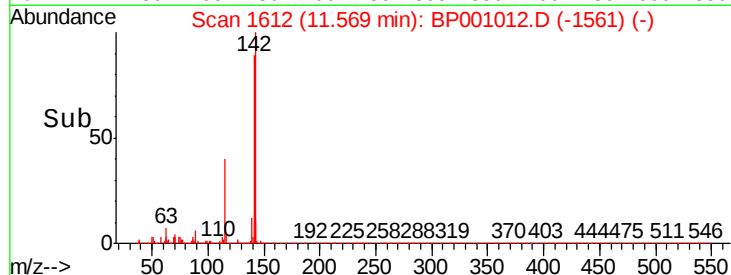
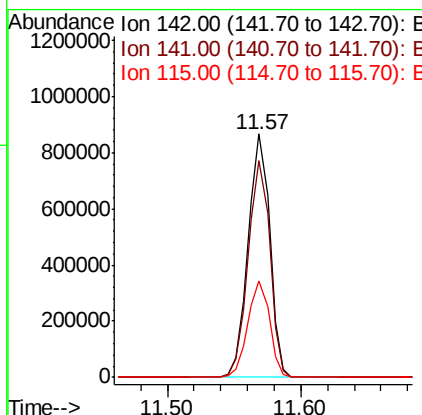
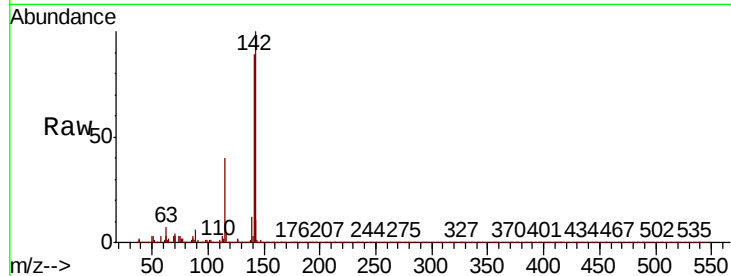




#37  
2-Methylnaphthalene  
Concen: 39.195 ng  
RT: 11.57 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

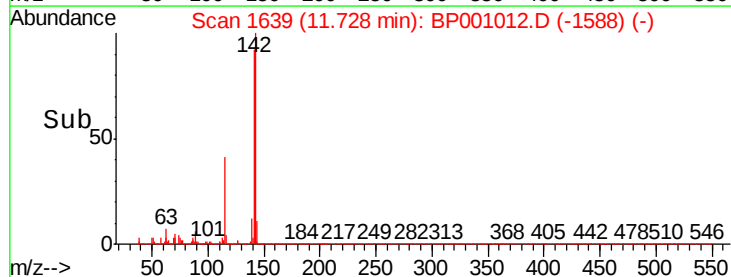
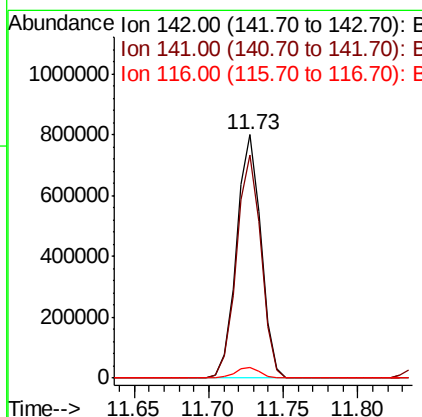
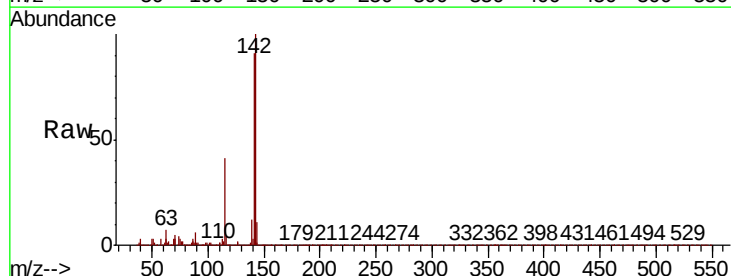
Instrument :  
BNA\_P  
ClientSampleId :

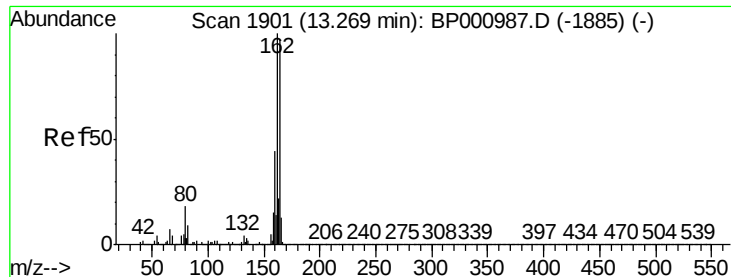
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 71.5  | 107.3 |
| 115     | 39.6  | 30.8  | 46.2  |



#38  
1-Methylnaphthalene  
Concen: 39.312 ng  
RT: 11.73 min Scan# 1639  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.5  | 73.9  | 110.9 |
| 116     | 4.4   | 3.4   | 5.0   |

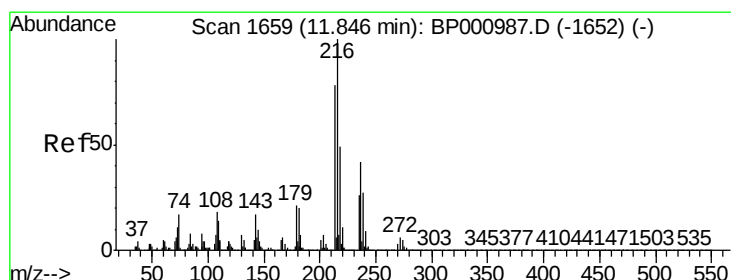
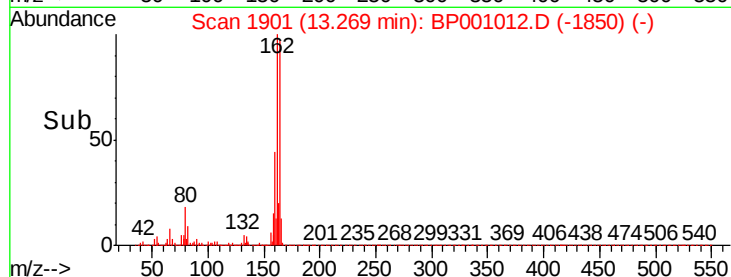
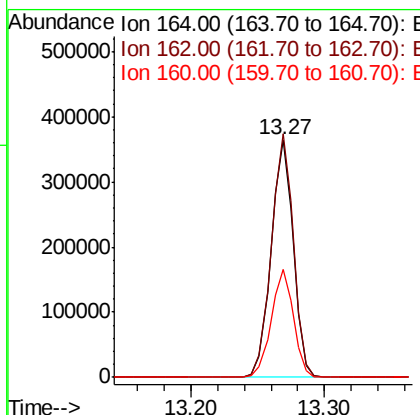
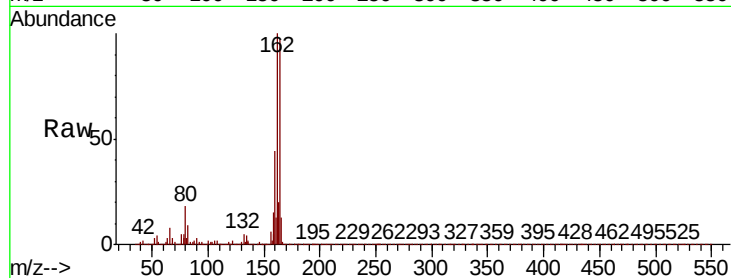




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.27 min Scan# 1901  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

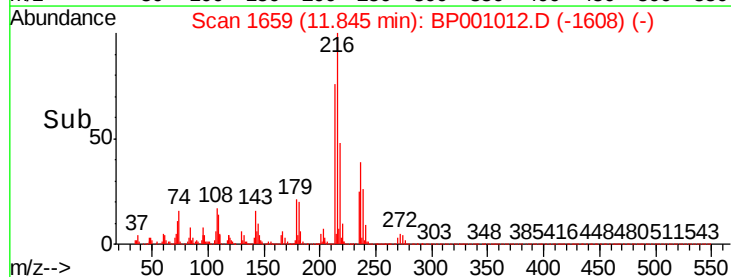
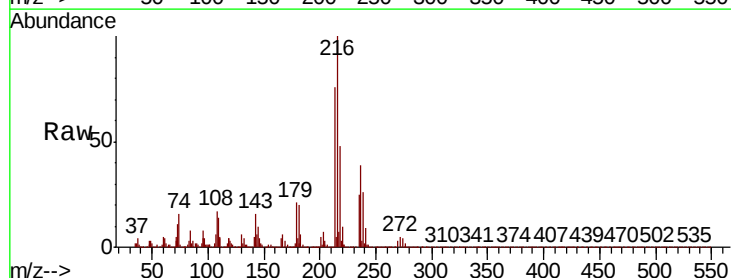
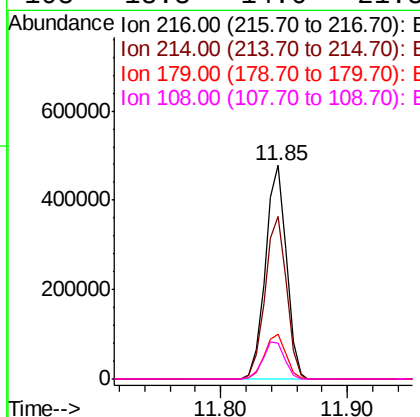
Instrument :  
BNA\_P  
ClientSampleID :

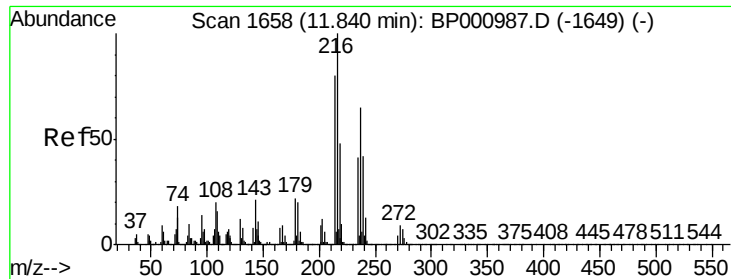
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.6 | 82.6  | 123.8 |
| 160     | 45.4  | 36.5  | 54.7  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.415 ng  
RT: 11.85 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.2  | 62.8  | 94.2  |
| 179     | 21.3  | 16.8  | 25.2  |
| 108     | 18.3  | 14.6  | 21.8  |





#41

Hexachlorocyclopentadiene

Concen: 38.908 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

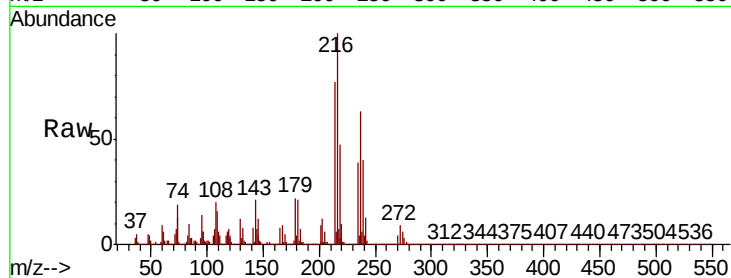
Tot Ion:237 Resp: 273123

Ion Ratio Lower Upper

237 100

235 62.8 43.1 83.1

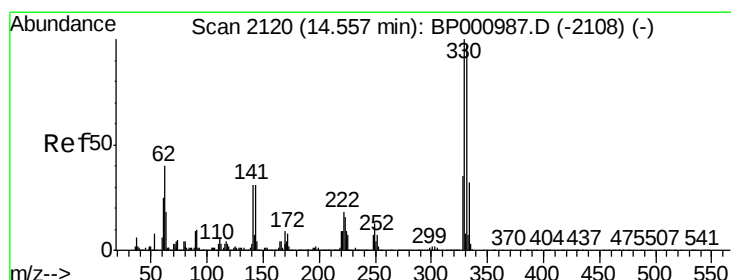
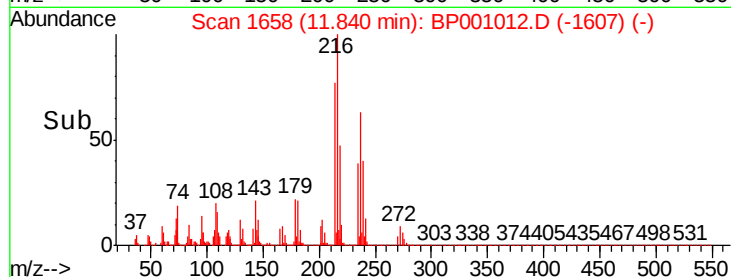
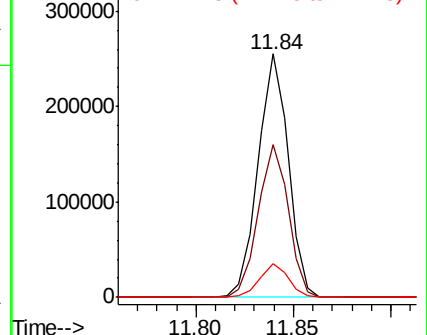
272 13.6 0.0 33.1



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: 82.239 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

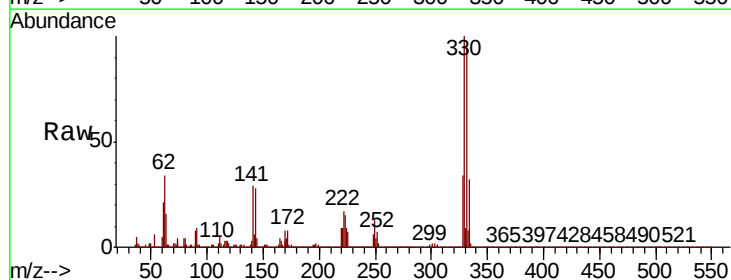
Tgt Ion:330 Resp: 413138

Ion Ratio Lower Upper

330 100

332 97.1 78.3 117.5

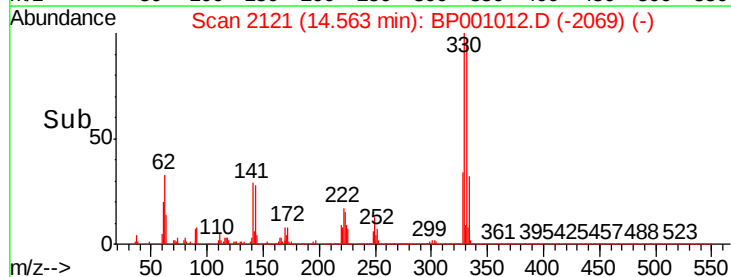
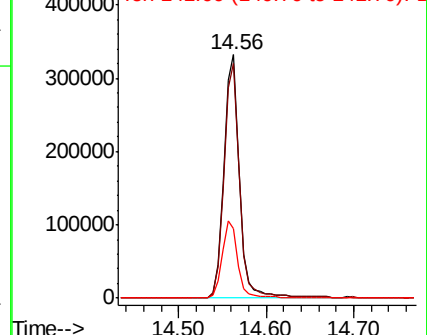
141 32.1 25.0 37.4

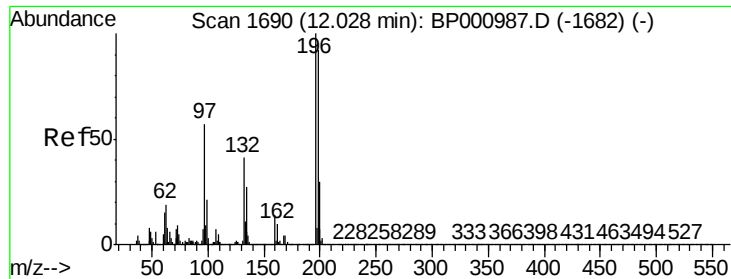


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

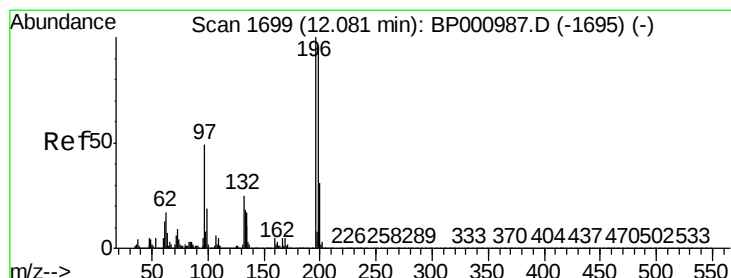
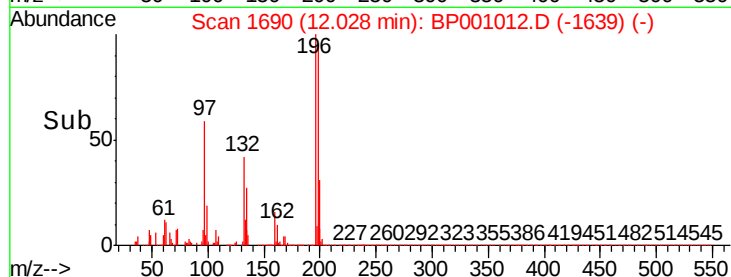
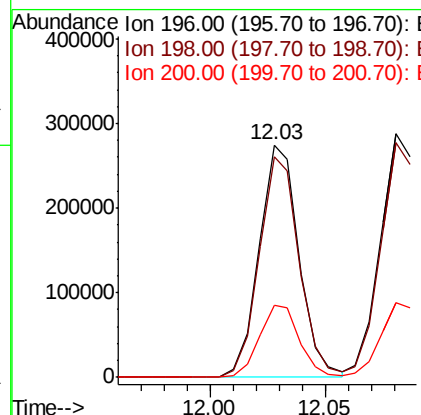
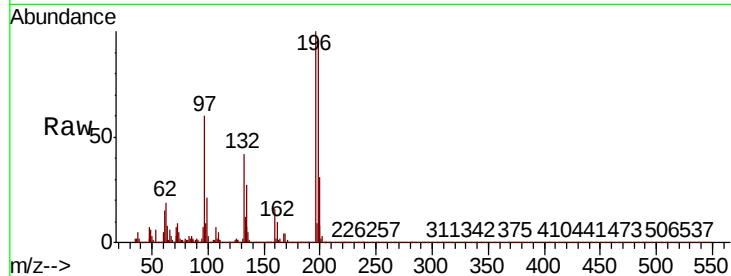




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.976 ng  
 RT: 12.03 min Scan# 1690  
 Delta R.T. -0.00 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

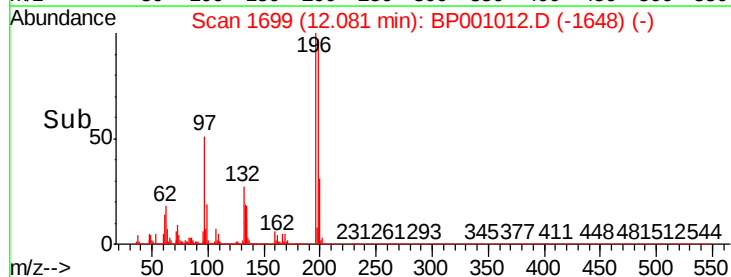
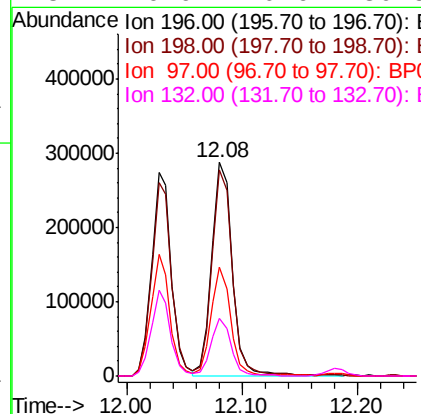
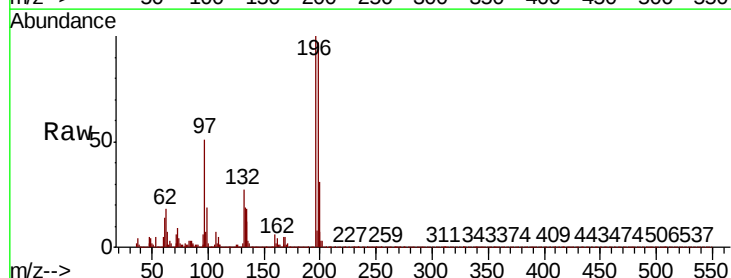
Instrument :  
 BNA\_P  
 ClientSampleId :

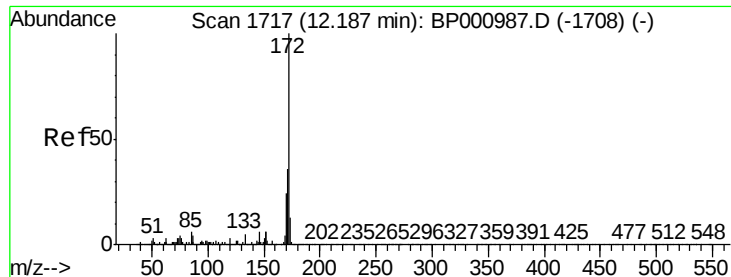
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.7  | 74.0  | 111.0 |
| 200     | 30.9  | 24.2  | 36.4  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.577 ng  
 RT: 12.08 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.5  | 76.3  | 114.5 |
| 97      | 50.7  | 39.1  | 58.7  |
| 132     | 26.9  | 20.6  | 30.8  |

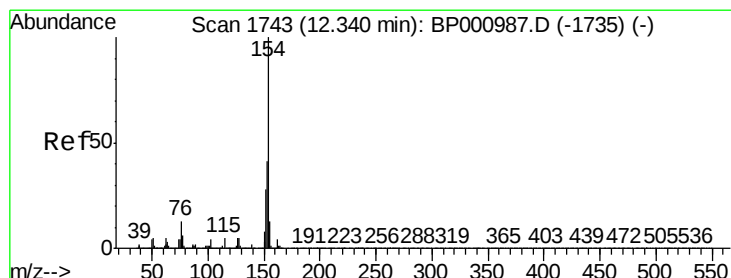
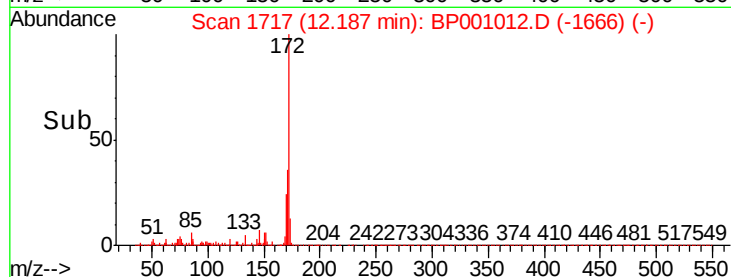
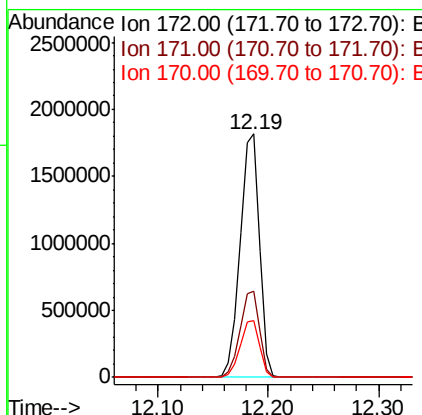
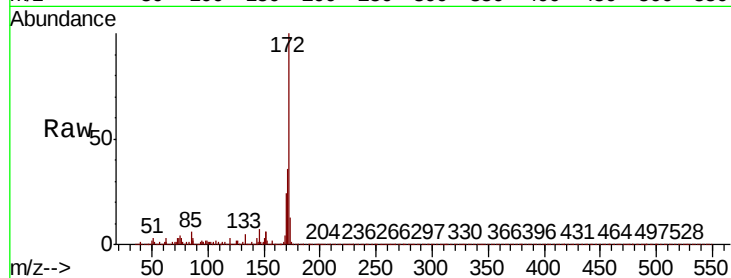




#45  
2-Fluorobiphenyl  
Concen: 80.071 ng  
RT: 12.19 min Scan# 1717  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

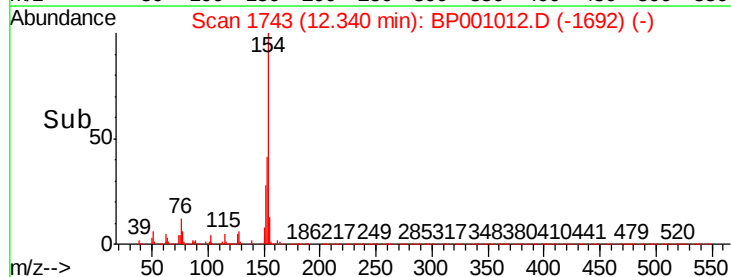
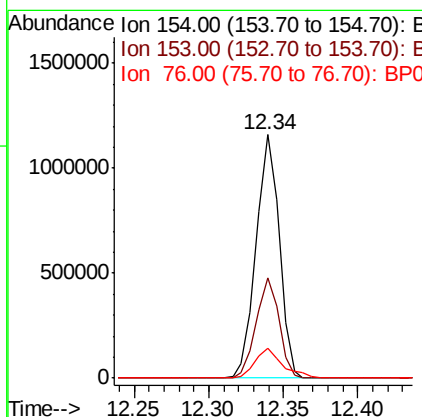
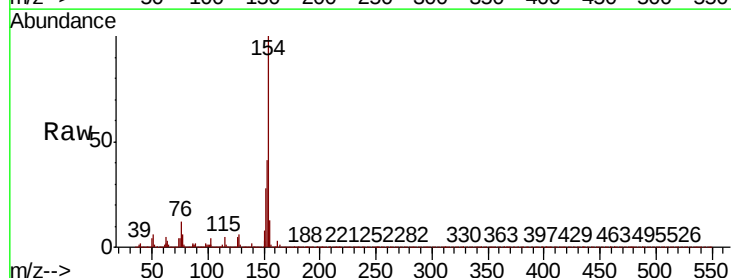
Instrument :  
BNA\_P  
ClientSampled :

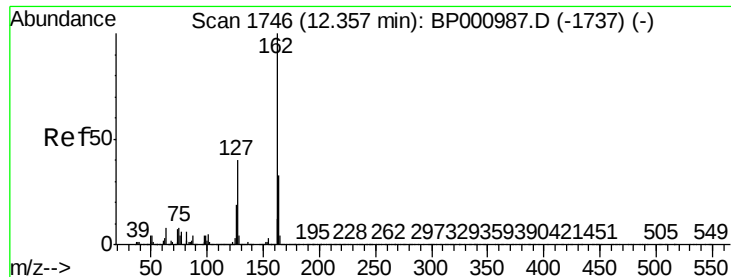
Tot Ion:172 Resp: 2237272  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.5 42.7  
170 23.6 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 39.171 ng  
RT: 12.34 min Scan# 1743  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion:154 Resp: 1232556  
Ion Ratio Lower Upper  
154 100  
153 41.0 20.9 60.9  
76 12.0 0.0 32.5

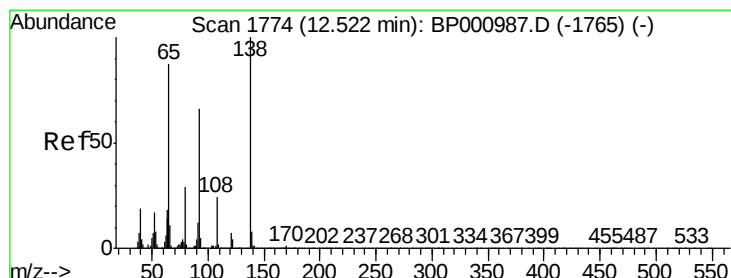
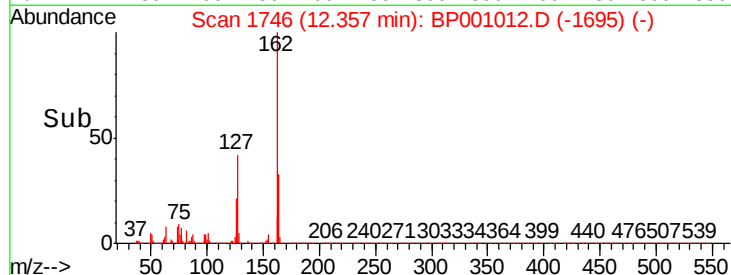
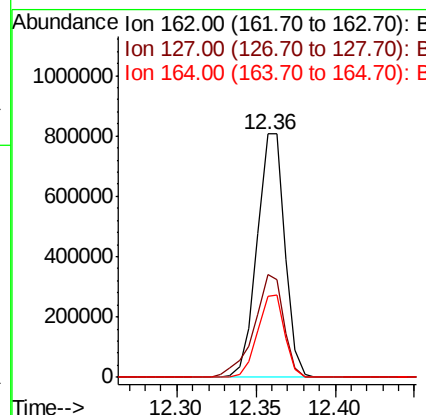
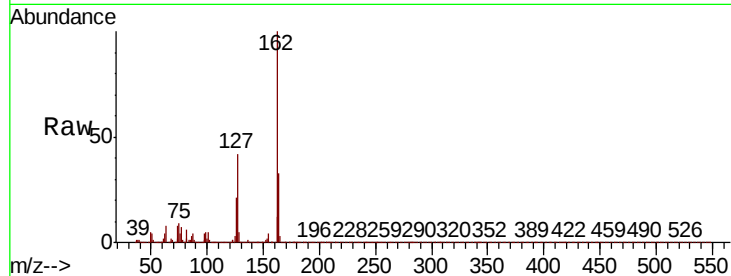




#47  
2-Chloronaphthalene  
Concen: 38.846 ng  
RT: 12.36 min Scan# 1746  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

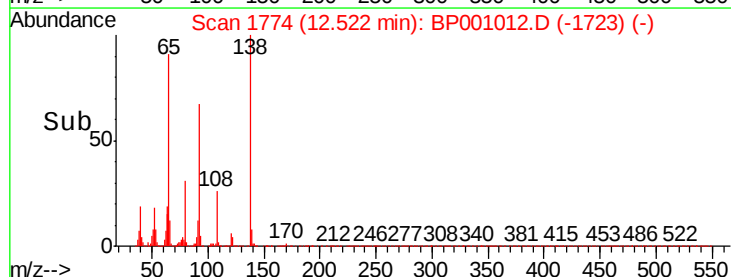
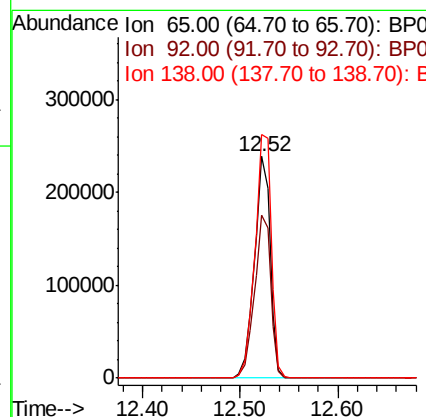
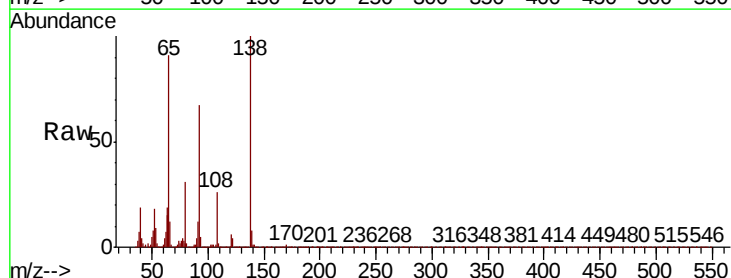
Instrument :  
BNA\_P  
ClientSampled :

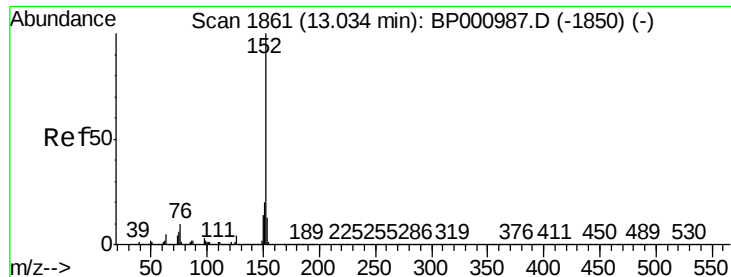
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.4  | 32.1  | 48.1  |
| 164     | 33.1  | 26.1  | 39.1  |



#48  
2-Nitroaniline  
Concen: 41.010 ng  
RT: 12.52 min Scan# 1774  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.8  | 61.4  | 92.2  |
| 138     | 110.0 | 92.5  | 138.7 |





#49

Acenaphthylene

Concen: 39.344 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

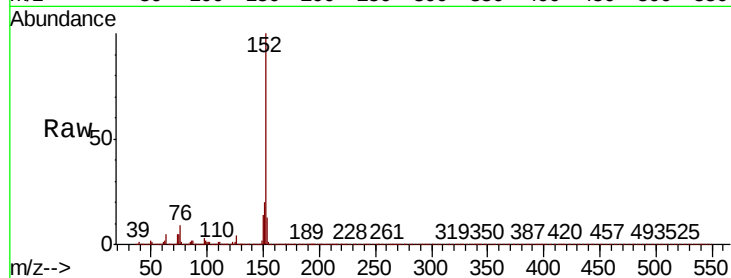
Tot Ion:152 Resp: 1515105

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.2  | 16.0  | 24.0  |
| 153 | 13.2  | 10.6  | 16.0  |

152 100

151 20.2 16.0 24.0

153 13.2 10.6 16.0

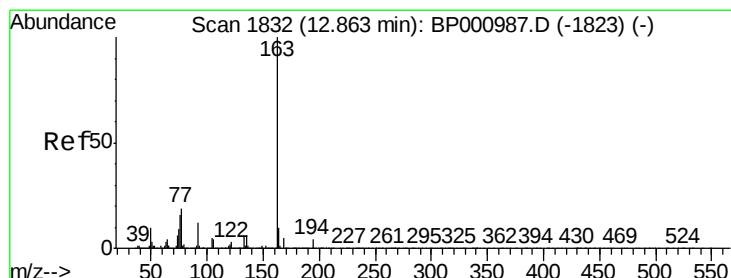
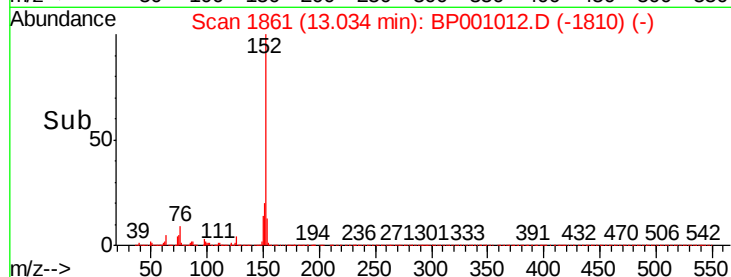
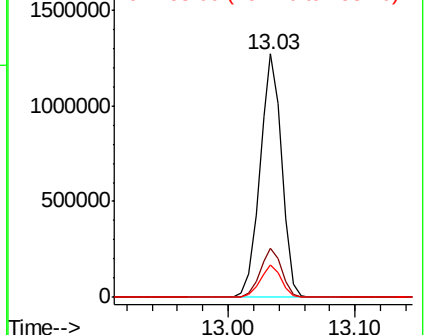


Abundance

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: 39.283 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

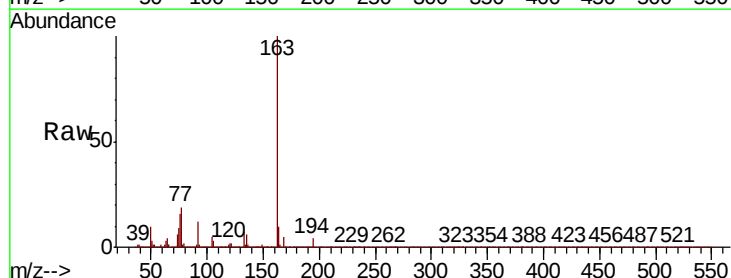
Tgt Ion:163 Resp: 1222379

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.4   | 5.2   |
| 164 | 9.9   | 7.9   | 11.9  |

163 100

194 4.2 3.4 5.2

164 9.9 7.9 11.9

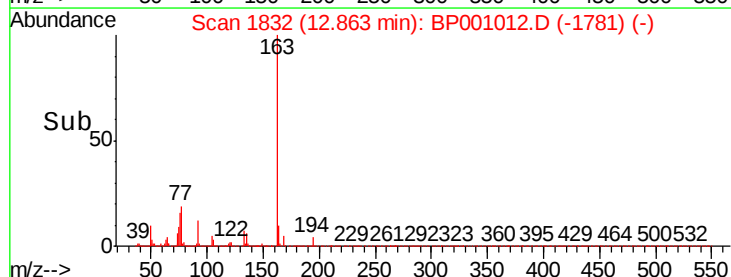
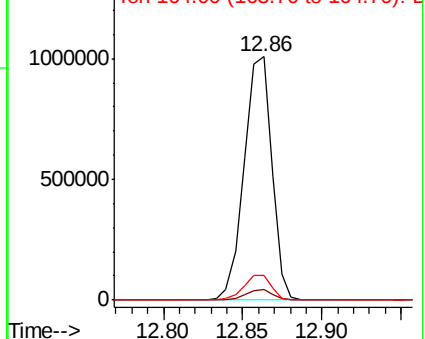


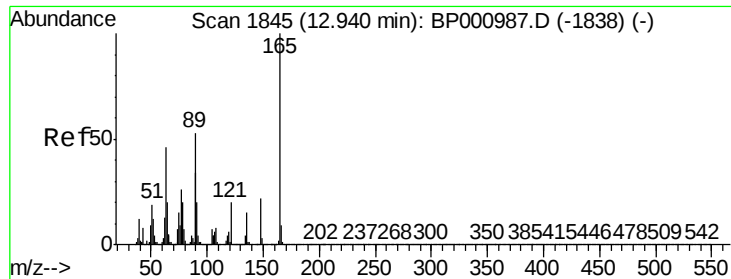
Abundance

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

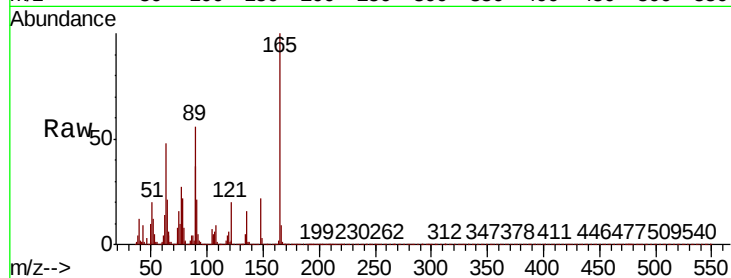




#51  
2,6-Dinitrotoluene  
Concen: 40.050 ng  
RT: 12.94 min Scan# 1845  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.7  | 36.7  | 55.1  |
| 89      | 56.3  | 42.3  | 63.5  |

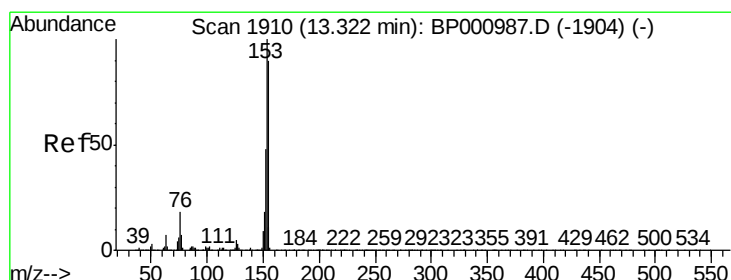
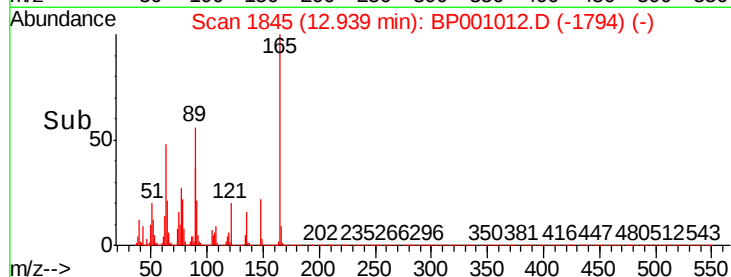
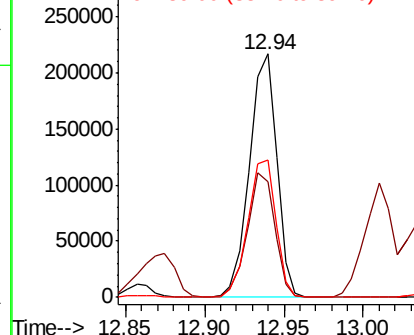


Abundance

Ion 165.00 (164.70 to 165.70): E

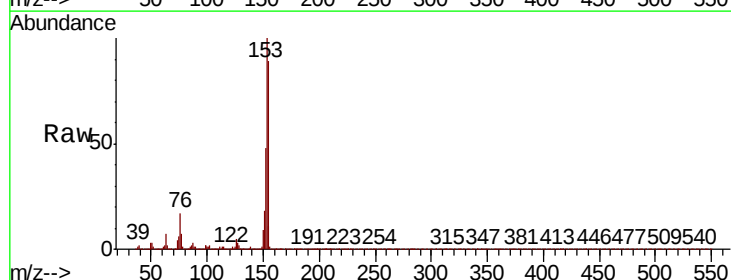
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52  
Acenaphthene  
Concen: 39.035 ng  
RT: 13.32 min Scan# 1910  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.9 | 88.9  | 133.3 |
| 152     | 53.7  | 42.4  | 63.6  |

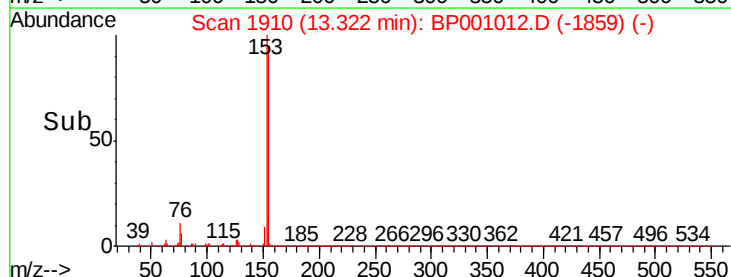
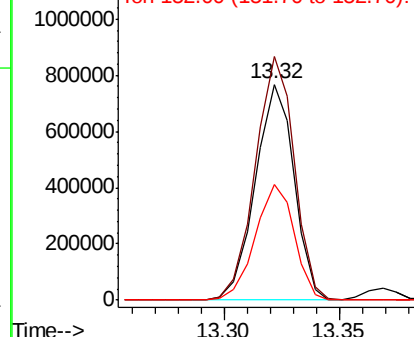


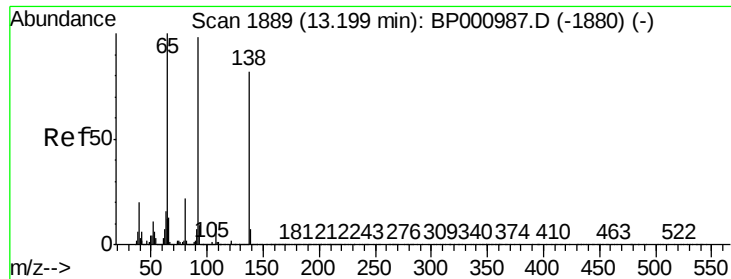
Abundance

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: 40.102 ng

RT: 13.20 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

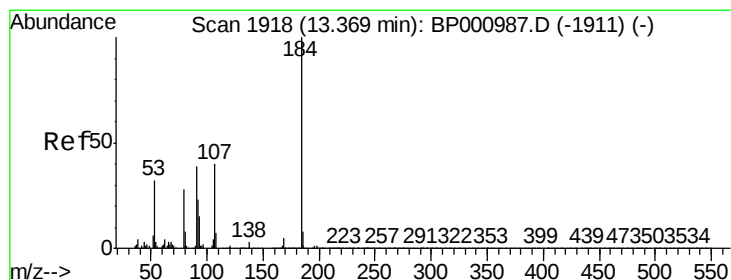
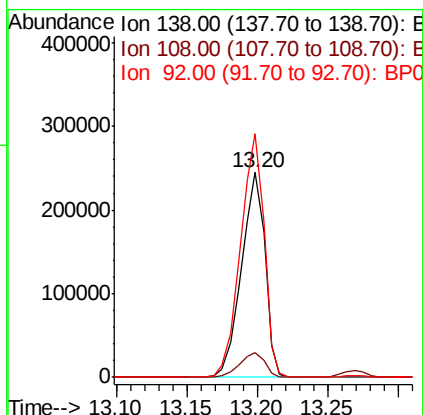
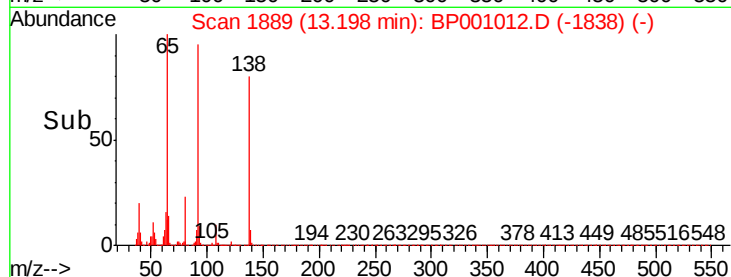
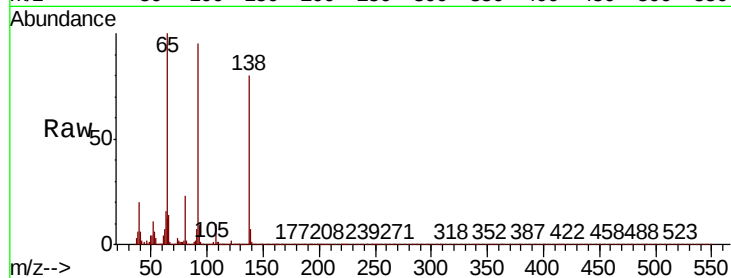
Tot Ion:138 Resp: 283909

Ion Ratio Lower Upper

138 100

108 12.3 10.1 15.1

92 118.9 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 39.167 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

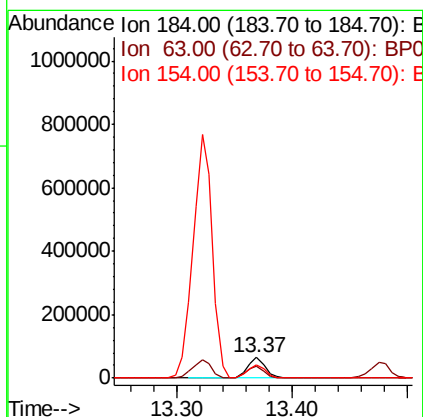
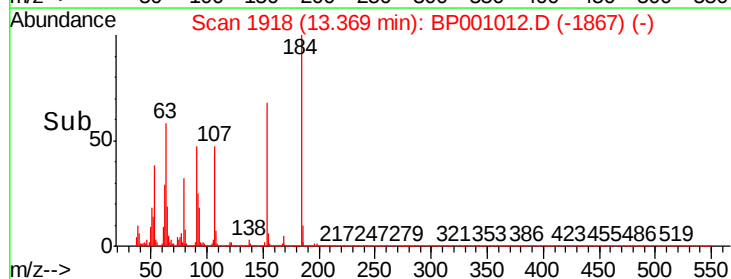
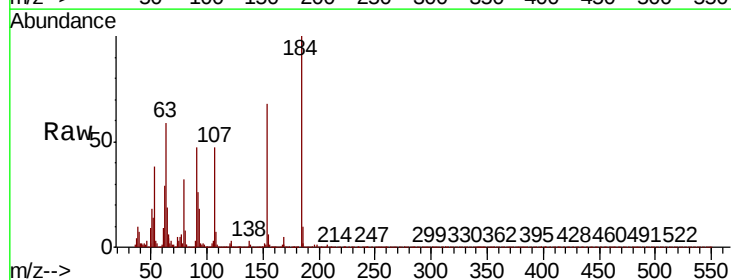
Tgt Ion:184 Resp: 68910

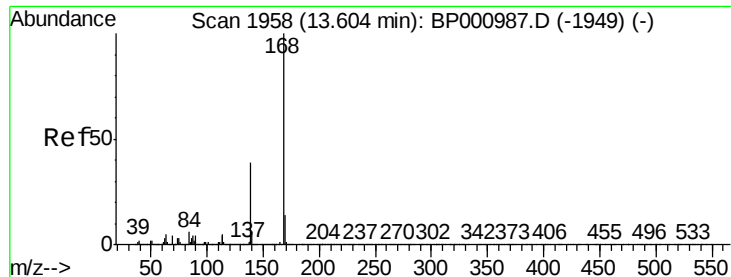
Ion Ratio Lower Upper

184 100

63 58.6 41.0 61.6

154 67.9 48.1 72.1





#55

Dibenzofuran

Concen: 39.672 ng

RT: 13.61 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

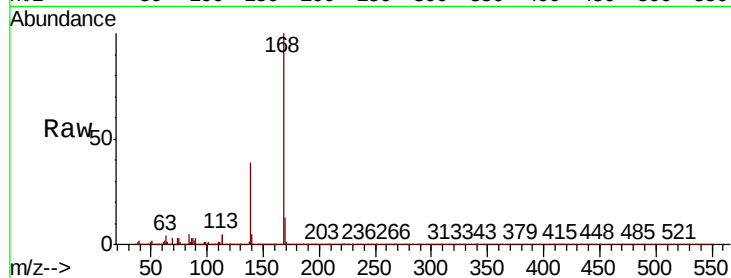
Tot Ion:168 Resp: 1427192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 38.5  | 30.9  | 46.3  |
| 169 | 13.0  | 10.9  | 16.3  |

168 100

139 38.5 30.9 46.3

169 13.0 10.9 16.3

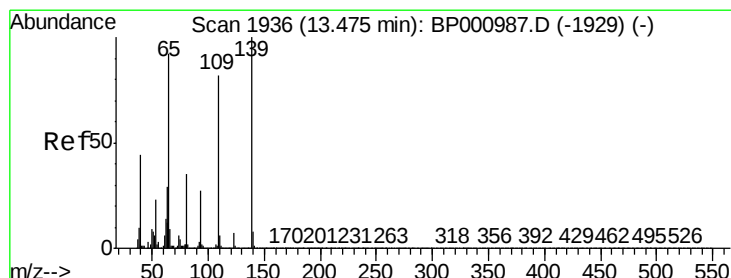
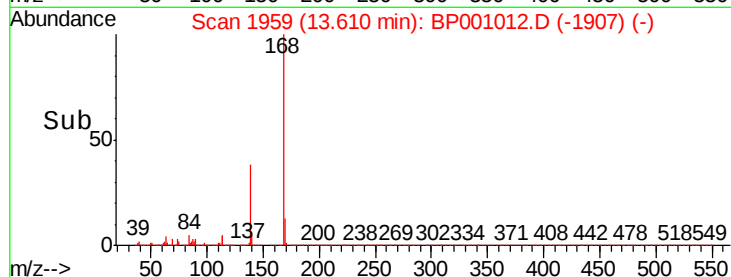
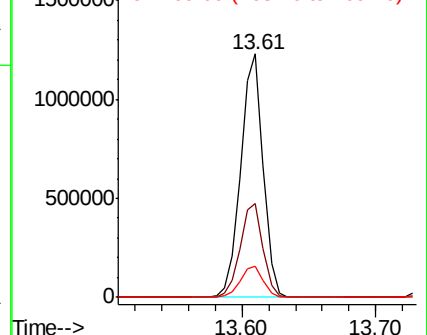


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.624 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

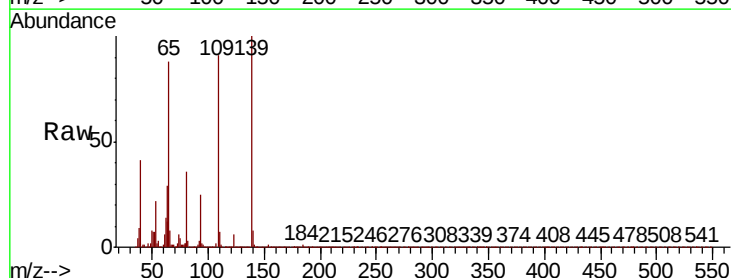
Tgt Ion:139 Resp: 200003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 90.6  | 61.6  | 101.6 |
| 65  | 87.5  | 72.0  | 112.0 |

139 100

109 90.6 61.6 101.6

65 87.5 72.0 112.0

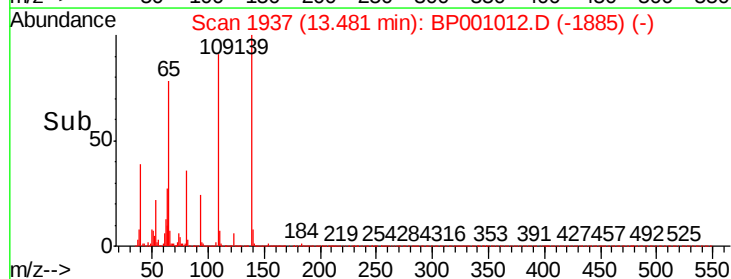
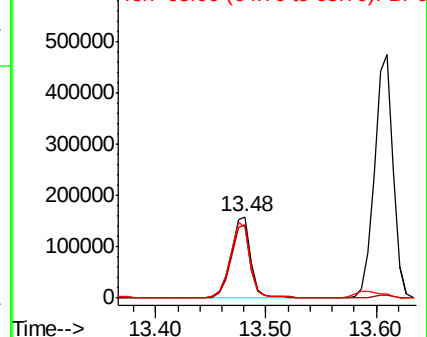


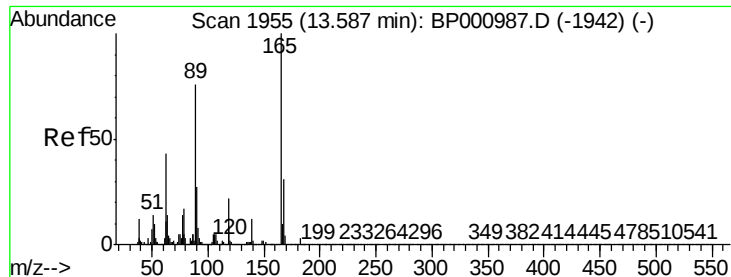
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

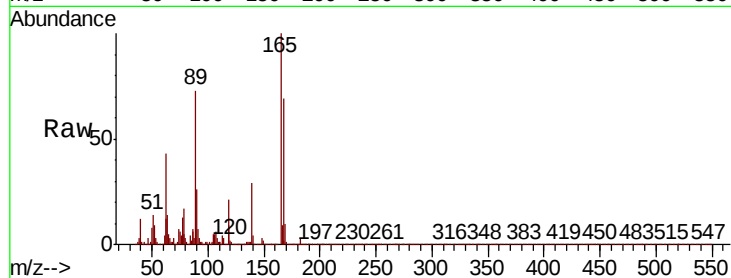




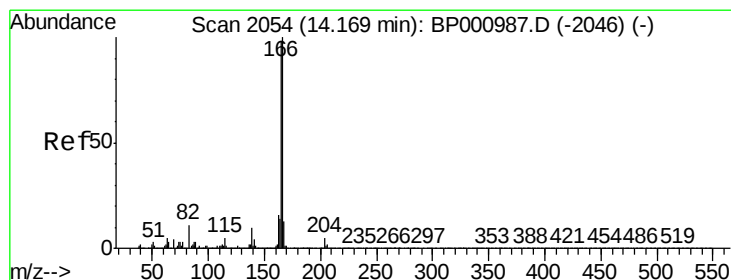
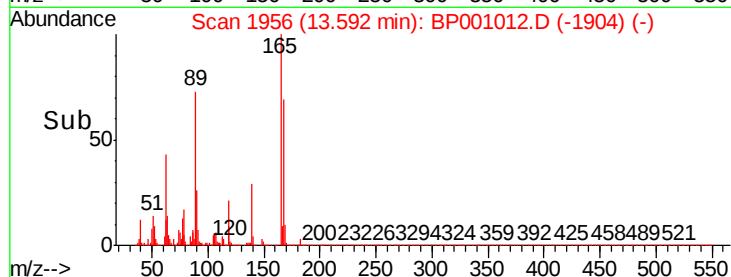
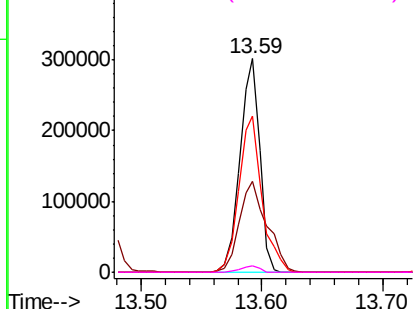
#57  
2,4-Dinitrotoluene  
Concen: 42.125 ng  
RT: 13.59 min Scan# 1956  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:165 Resp: 343444  
Ion Ratio Lower Upper  
165 100  
63 42.5 34.3 51.5  
89 72.9 60.5 90.7  
182 3.0 2.4 3.6

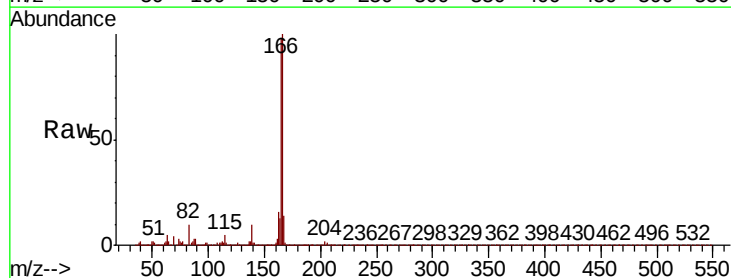


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BP0  
Ion 89.00 (88.70 to 89.70): BP0  
Ion 182.00 (181.70 to 182.70): E

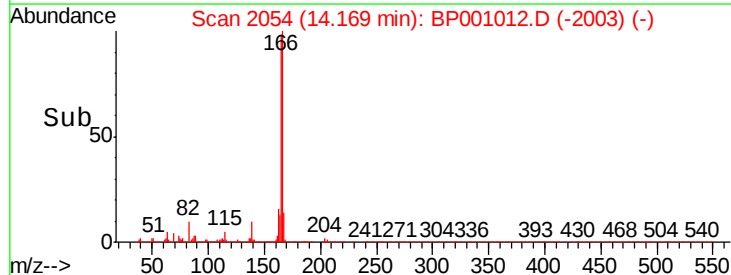
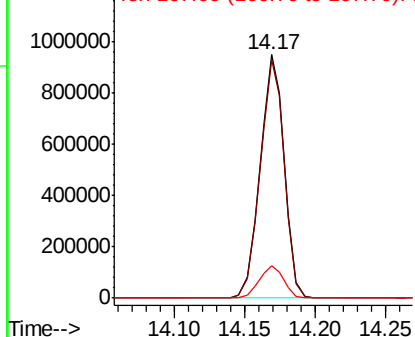


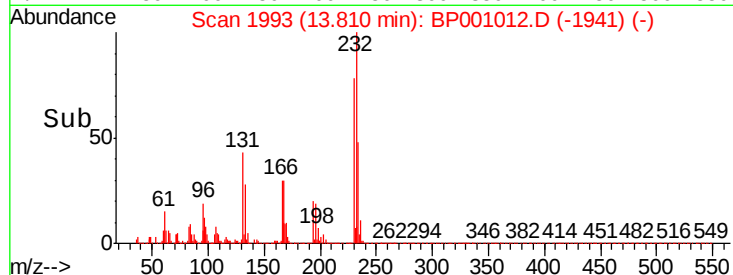
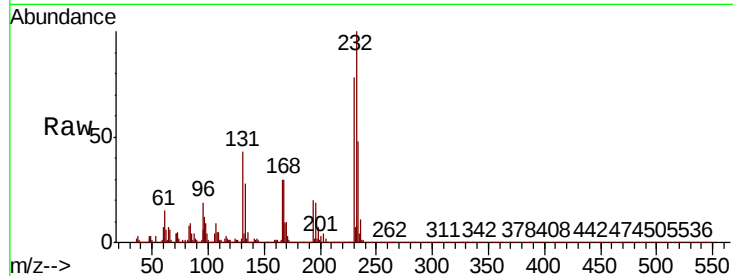
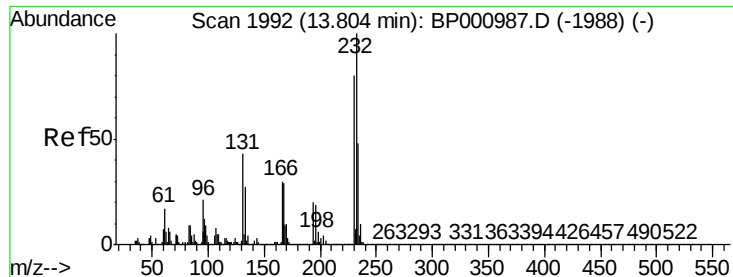
#58  
Fluorene  
Concen: 39.675 ng  
RT: 14.17 min Scan# 2054  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion:166 Resp: 1135922  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.2 117.2  
167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

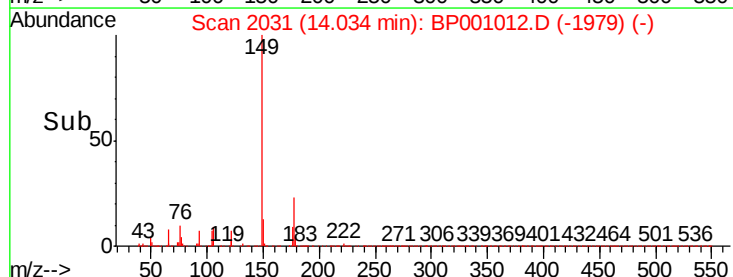
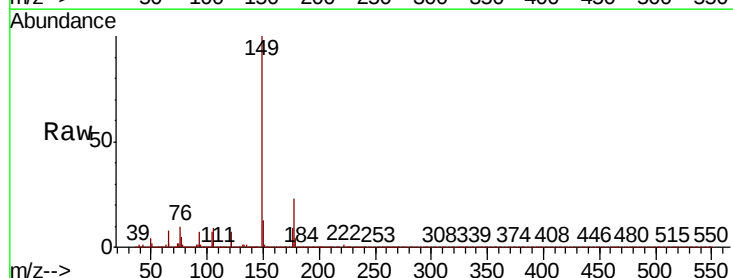
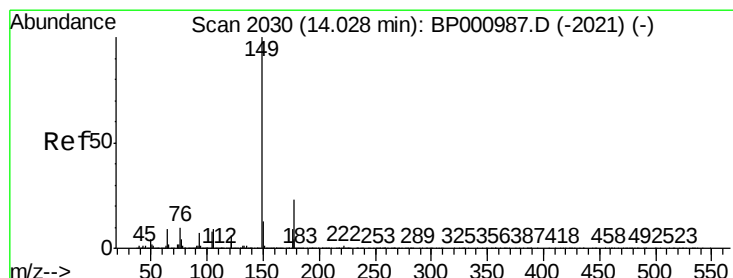
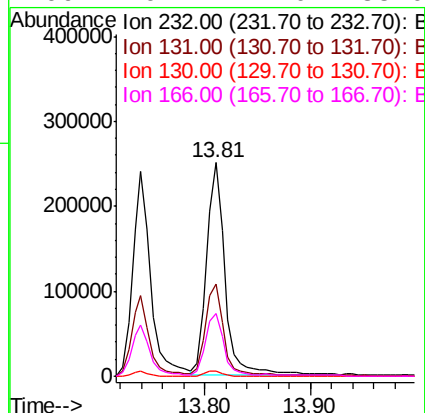




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.549 ng  
RT: 13.81 min Scan# 1993  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

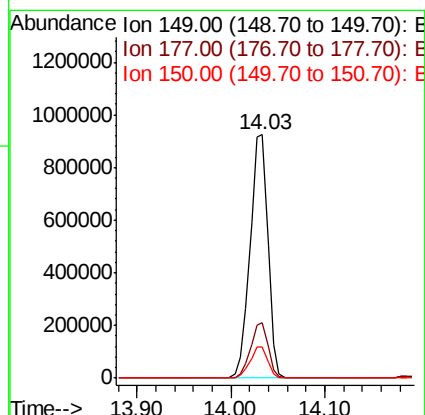
Instrument :  
BNA\_P  
ClientSampleId :

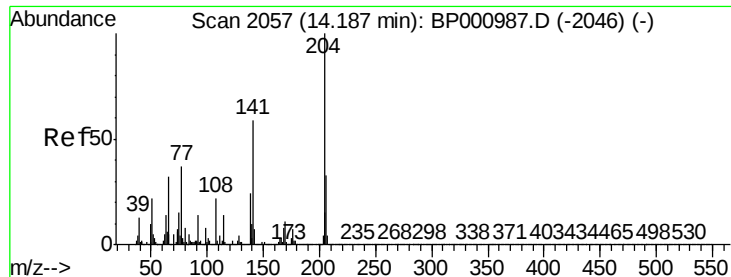
|             |       |        |      |
|-------------|-------|--------|------|
| Tot Ion:232 | Resp: | 303750 |      |
| Ion Ratio   | Lower | Upper  |      |
| 232         | 100   |        |      |
| 131         | 43.0  | 32.2   | 48.2 |
| 130         | 2.3   | 1.7    | 2.5  |
| 166         | 29.7  | 22.0   | 33.0 |



#60  
Diethylphthalate  
Concen: 38.930 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

|             |               |
|-------------|---------------|
| Tgt Ion:149 | Resp: 1216822 |
| Ion Ratio   | Lower Upper   |
| 149 100     |               |
| 177 22.7    | 18.5 27.7     |
| 150 12.6    | 10.2 15.2     |

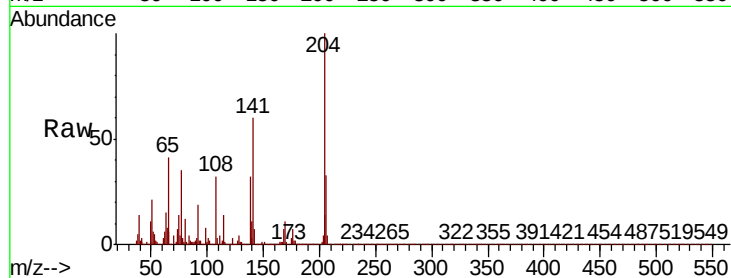




#61  
4-Chlorophenyl-phenylether  
Concen: 39.208 ng  
RT: 14.19 min Scan# 2058  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.6  | 26.5  | 39.7  |
| 141     | 60.0  | 46.9  | 70.3  |

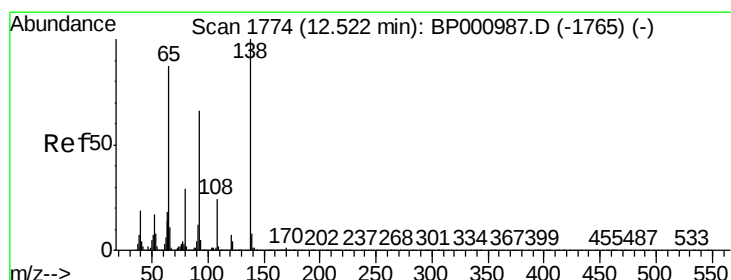
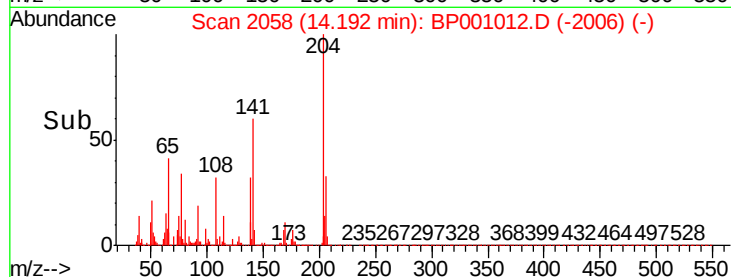
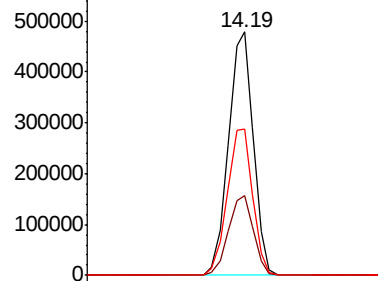


Abundance

Ion 204.00 (203.70 to 204.70): E

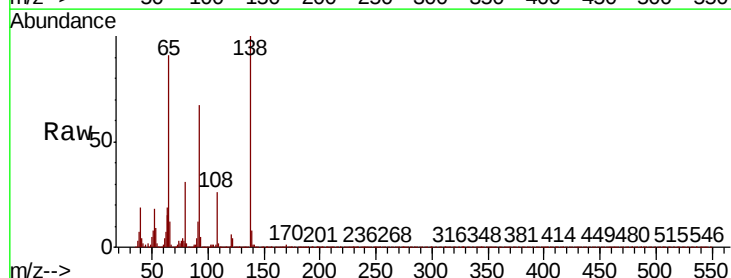
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 40.863 ng  
RT: 12.52 min Scan# 1774  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 67.2  | 46.4  | 86.4  |
| 108     | 26.2  | 3.9   | 43.9  |

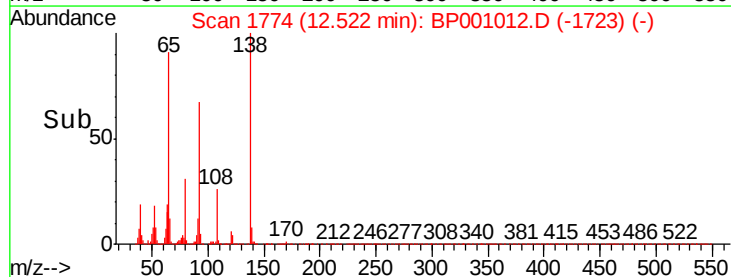
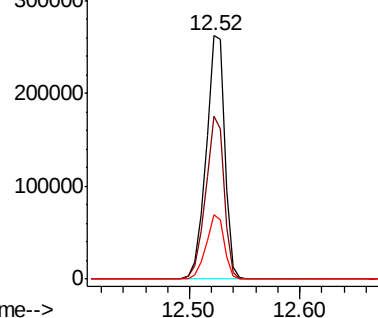


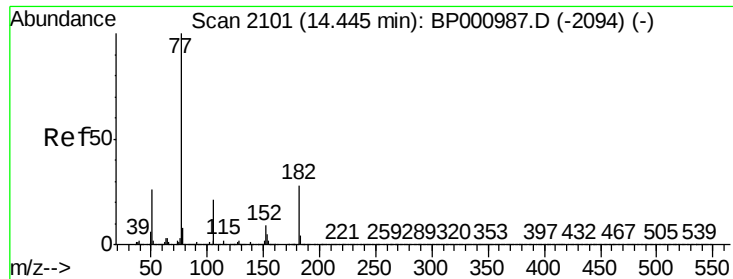
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

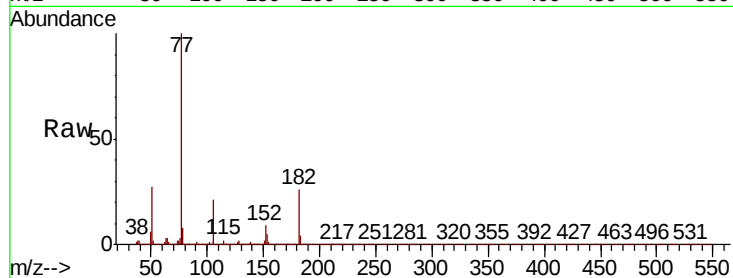




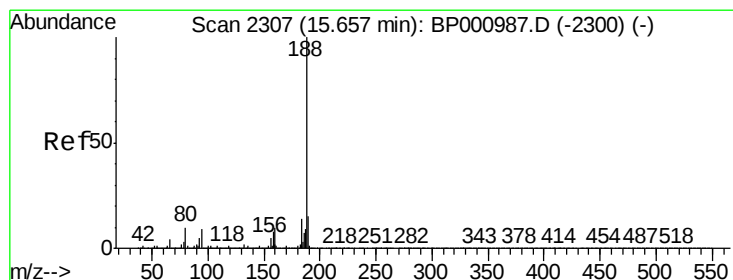
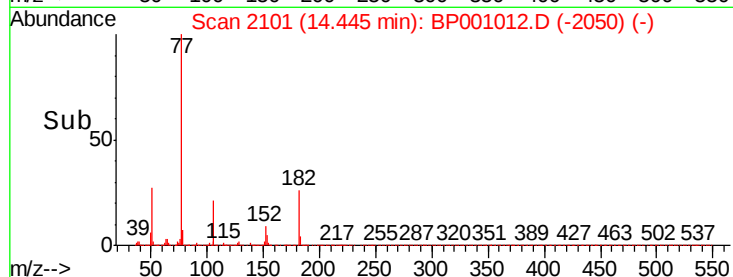
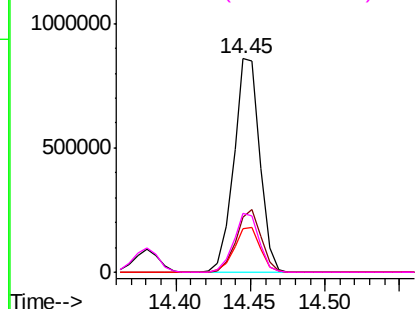
#63  
Azobenzene  
Concen: 38.157 ng  
RT: 14.45 min Scan# 2101  
Delta R.T. -0.00 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion: 77 Resp: 1043825  
Ion Ratio Lower Upper  
77 100  
182 26.0 8.4 48.4  
105 20.6 1.0 41.0  
51 27.4 6.0 46.0

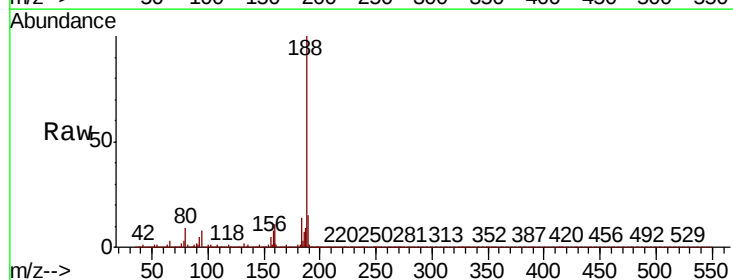


Abundance Ion 77.00 (76.70 to 77.70): BP0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BP0

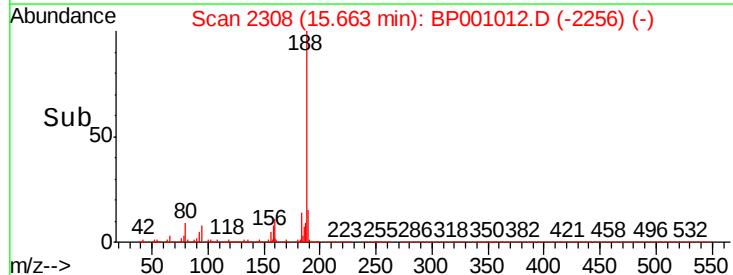
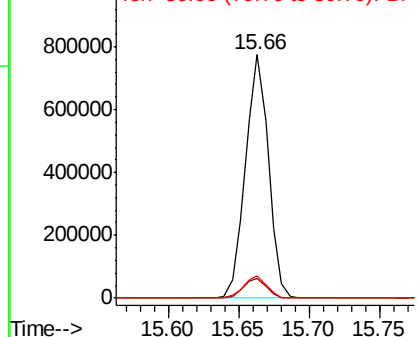


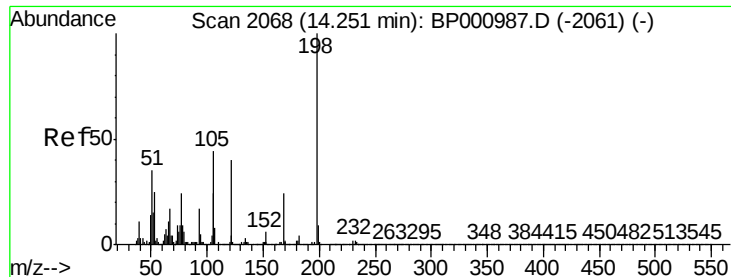
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.66 min Scan# 2308  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion: 188 Resp: 879109  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.4 11.2  
80 9.0 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BP0  
Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 38.257 ng

RT: 14.26 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampled :

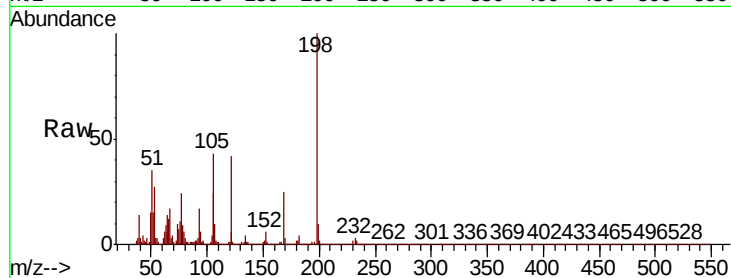
Tot Ion:198 Resp: 98755

Ion Ratio Lower Upper

198 100

51 34.8 16.0 56.0

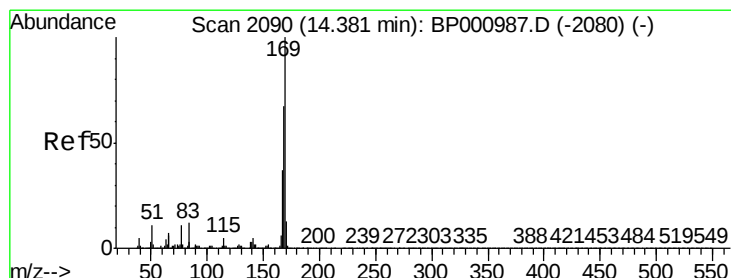
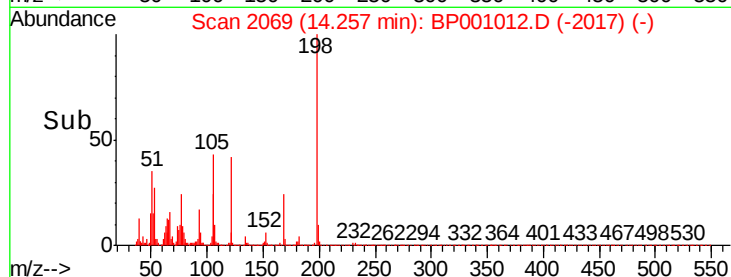
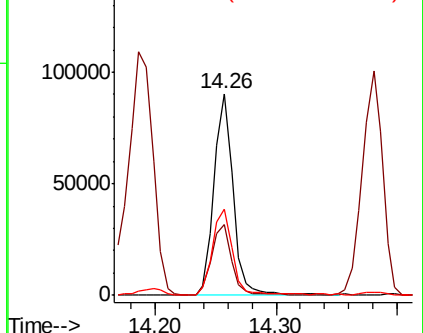
105 43.0 24.9 64.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.716 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

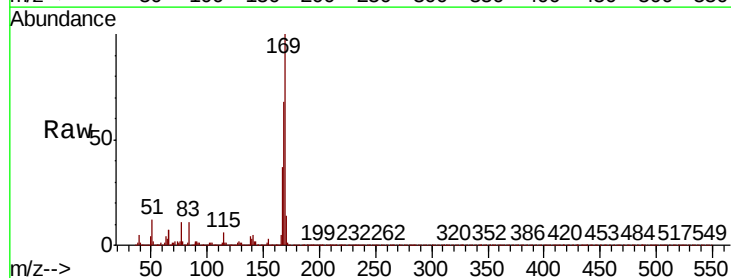
Tgt Ion:169 Resp: 978590

Ion Ratio Lower Upper

169 100

168 67.6 53.3 79.9

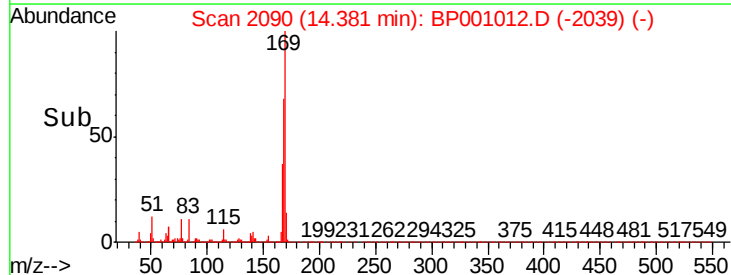
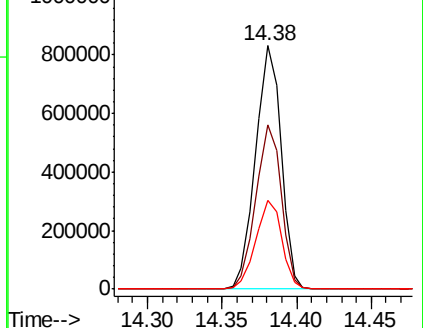
167 36.7 29.4 44.2

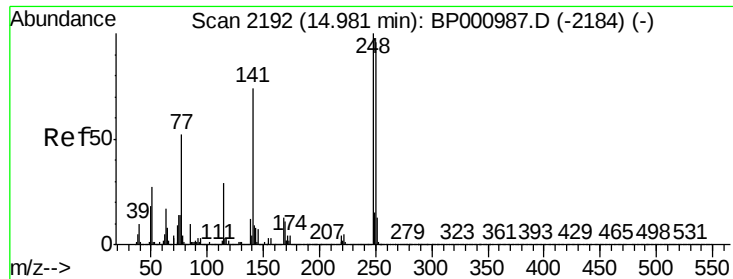


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

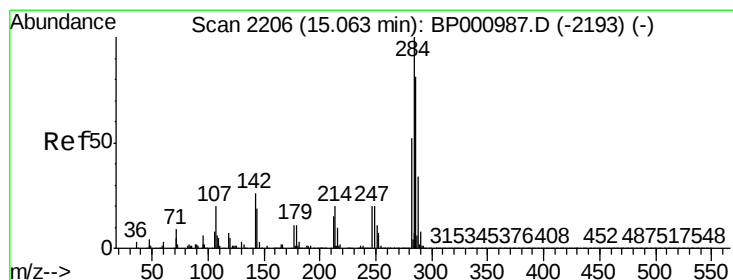
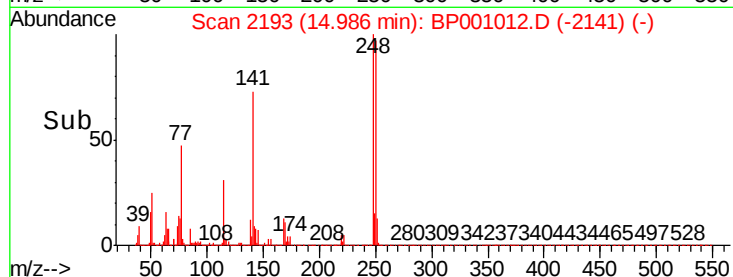
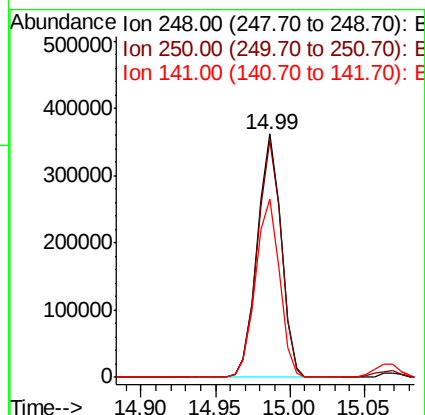
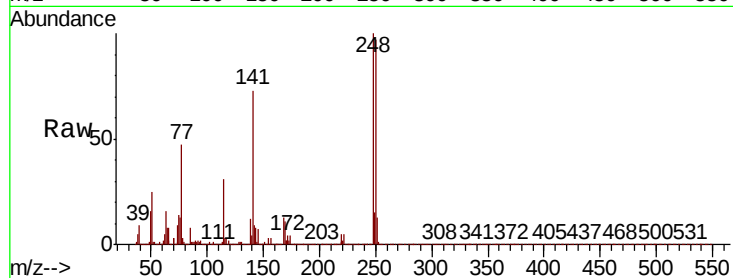




#67  
4-Bromophenyl-phenylether  
Concen: 38.306 ng  
RT: 14.99 min Scan# 2193  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

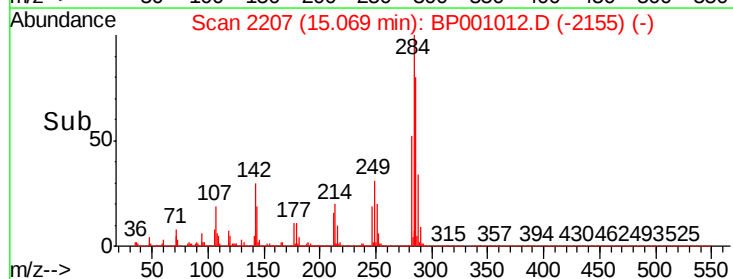
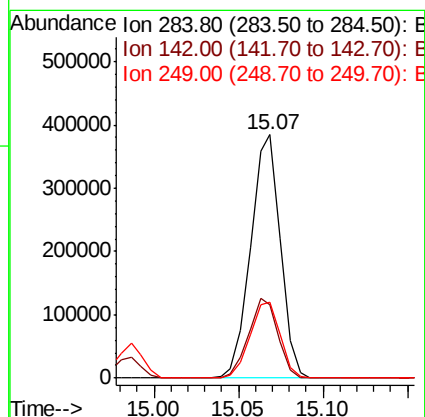
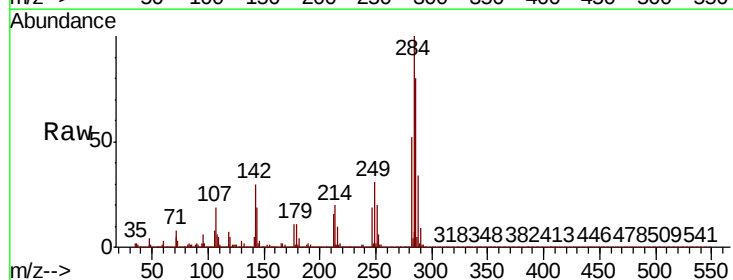
Instrument :  
BNA\_P  
ClientSampled :

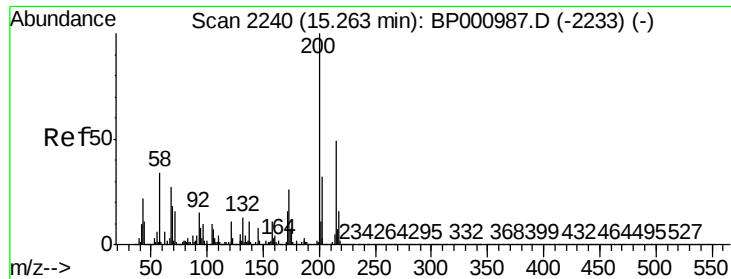
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.4  | 77.0  | 115.6 |
| 141     | 73.2  | 59.4  | 89.0  |



#68  
Hexachlorobenzene  
Concen: 39.200 ng  
RT: 15.07 min Scan# 2207  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.4  | 25.8  | 38.8  |
| 249     | 31.0  | 25.4  | 38.0  |

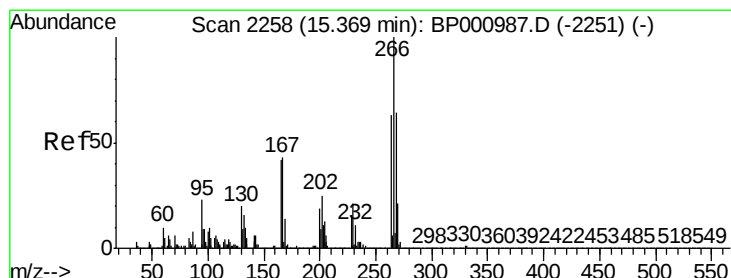
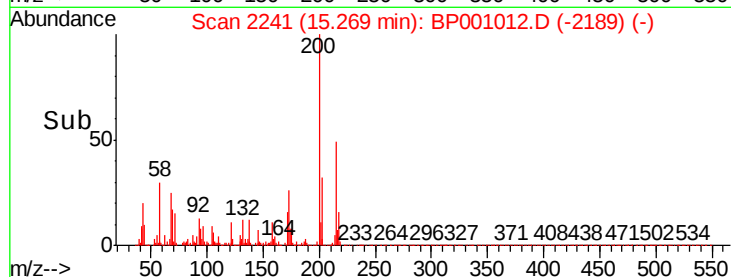
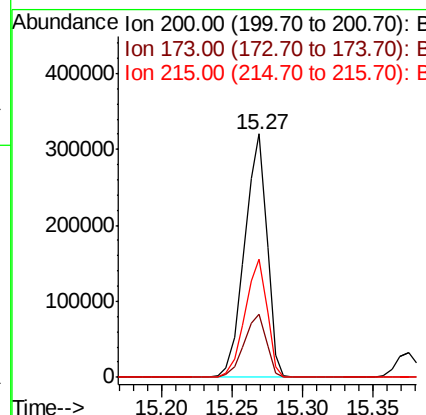
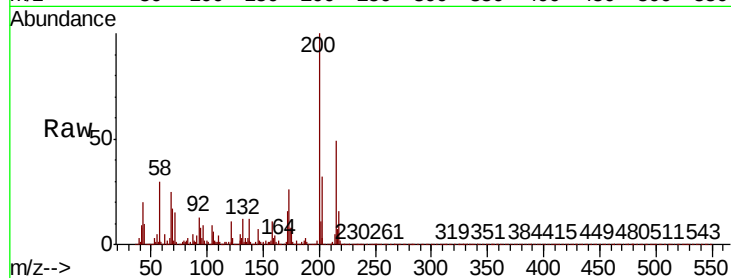




#69  
Atrazine  
Concen: 38.426 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

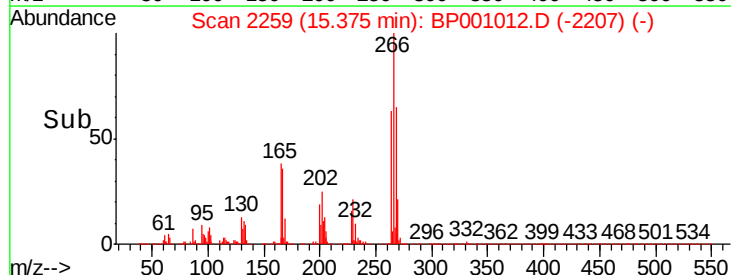
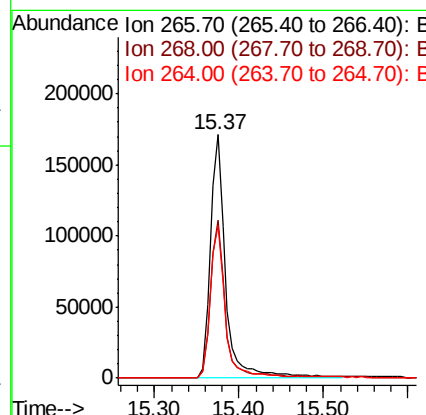
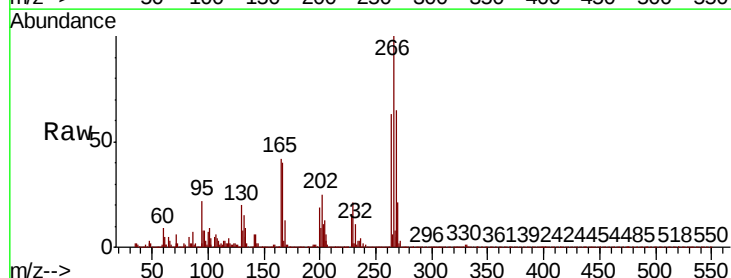
Instrument :  
BNA\_P  
ClientSampleId :

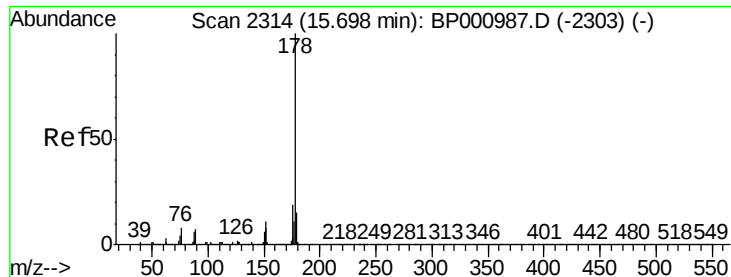
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.0  | 5.8   | 45.8  |
| 215     | 48.5  | 28.6  | 68.6  |



#70  
Pentachlorophenol  
Concen: 40.933 ng  
RT: 15.37 min Scan# 2259  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.7  | 50.9  | 76.3  |
| 264     | 62.9  | 50.6  | 76.0  |





#71

Phenanthrene

Concen: 39.423 ng

RT: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

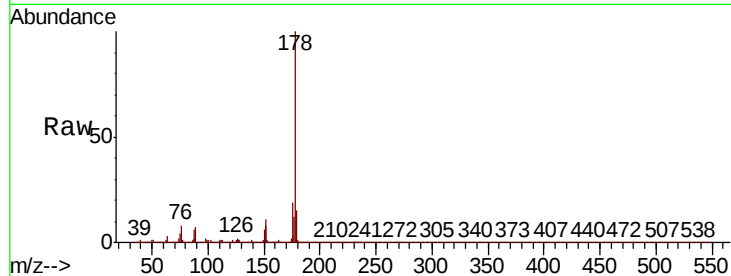
Tot Ion:178 Resp: 1773792

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

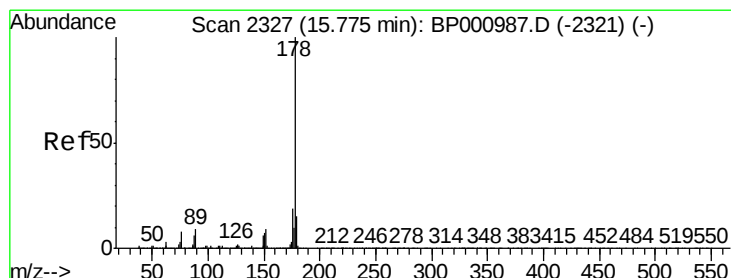
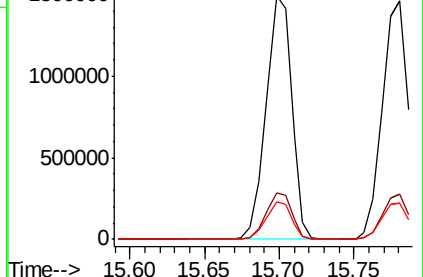
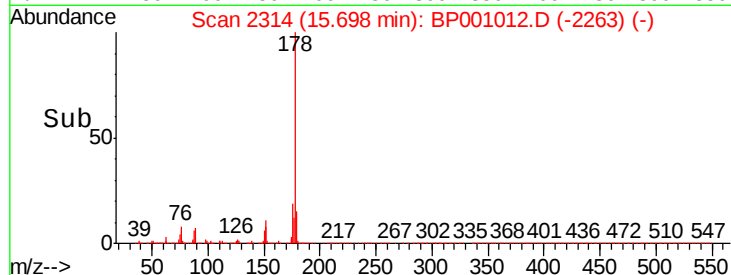
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.428 ng

RT: 15.78 min Scan# 2328

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

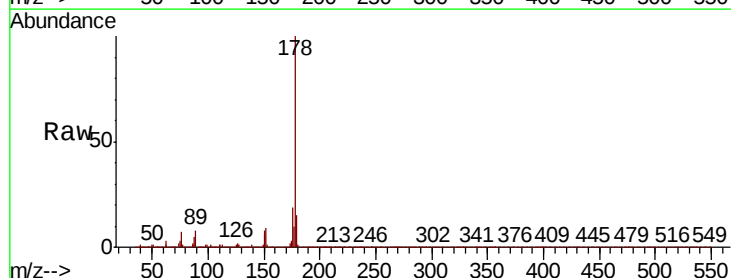
Tgt Ion:178 Resp: 1730592

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

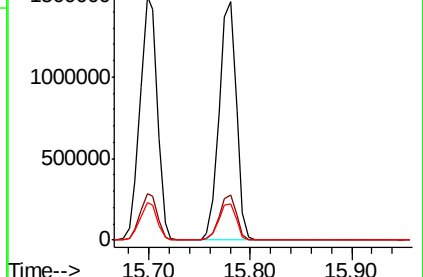
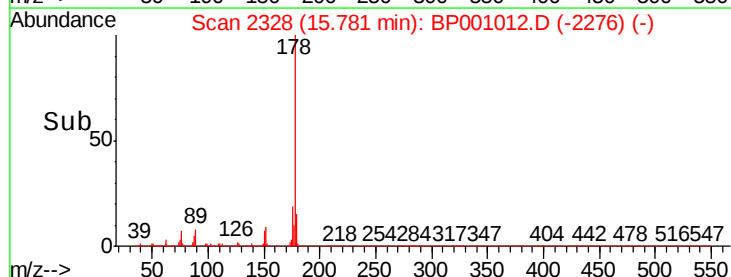
179 15.1 12.3 18.5

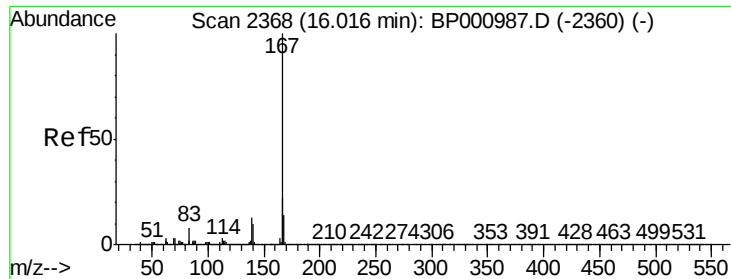


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

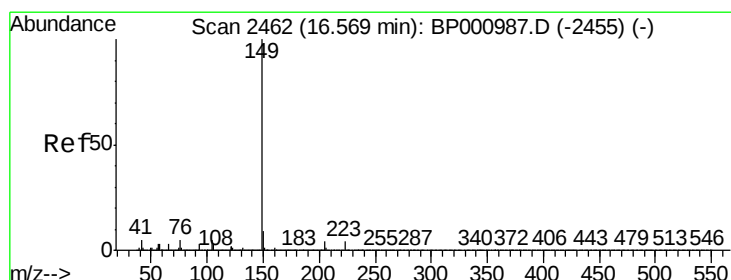
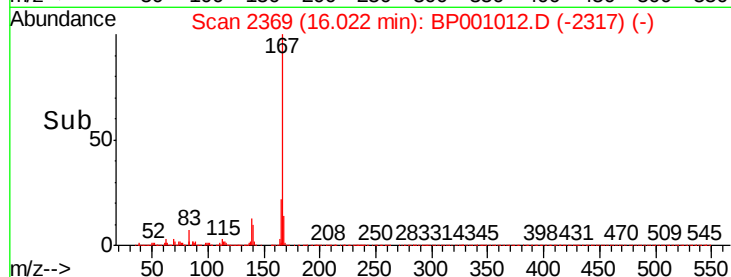
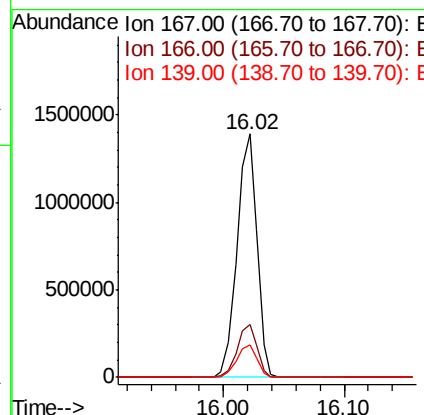
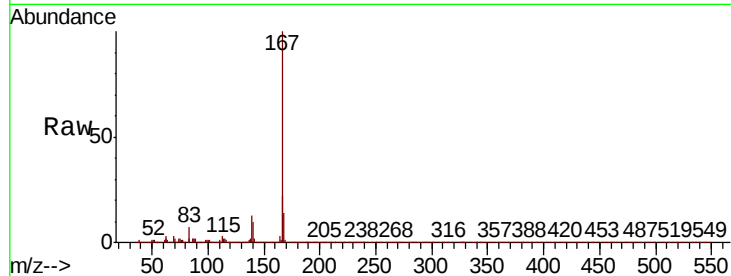




#73  
 Carbazole  
 Concen: 39.837 ng  
 RT: 16.02 min Scan# 2369  
 Delta R.T. 0.01 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

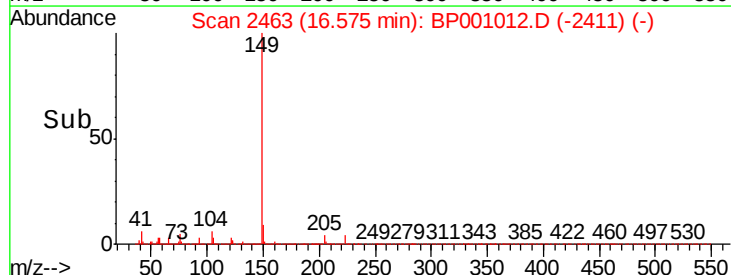
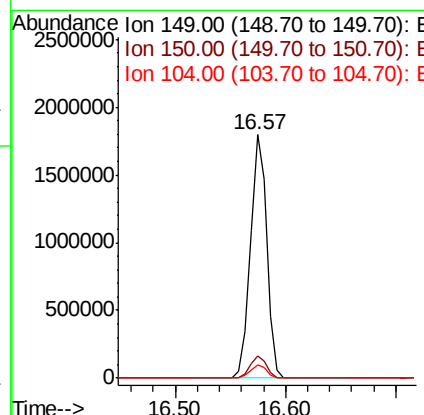
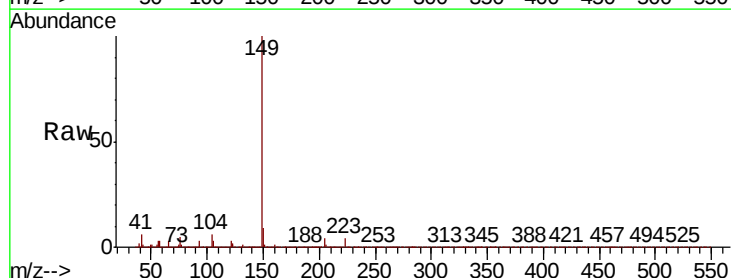
Instrument :  
 BNA\_P  
 ClientSampleId :

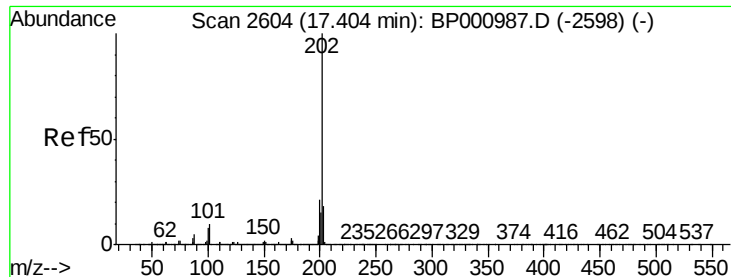
Tot Ion:167 Resp: 1603101  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.6 26.4  
 139 13.3 10.6 15.8



#74  
 Di-n-butylphthalate  
 Concen: 38.403 ng  
 RT: 16.57 min Scan# 2463  
 Delta R.T. 0.01 min  
 Lab File: BP001012.D  
 Acq: 08 Nov 2019 12:49

Tgt Ion:149 Resp: 1865103  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.5 11.3  
 104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 40.465 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

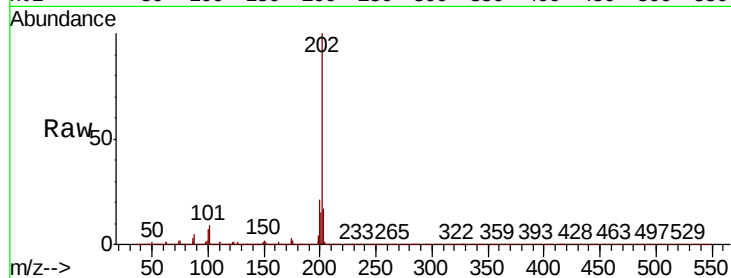
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:202 Resp: 2057910

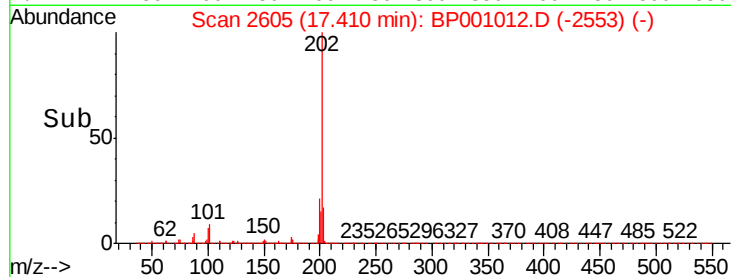
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 8.9   | 0.0   | 30.1  |
| 203 | 17.1  | 0.0   | 37.7  |



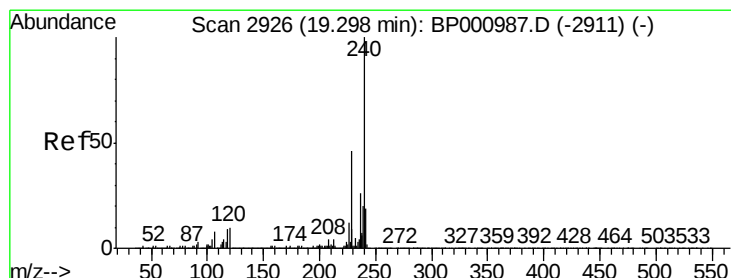
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.30 min Scan# 2927

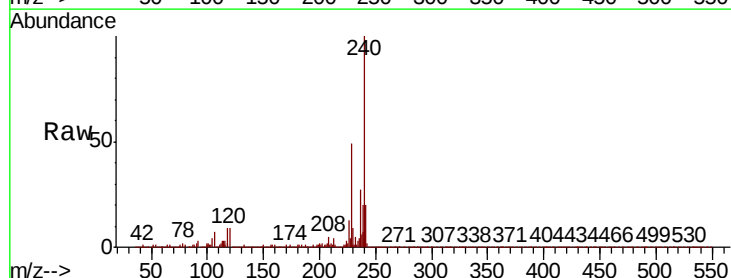
Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Tgt Ion:240 Resp: 778130

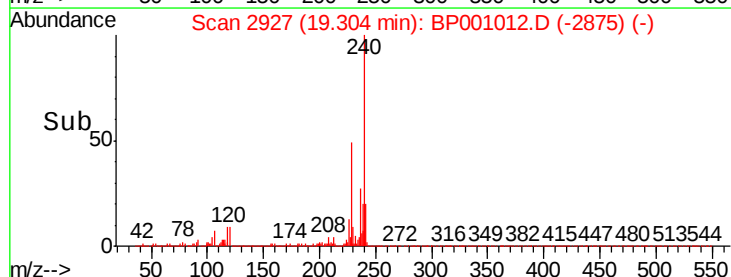
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.3   | 8.2   | 12.2  |
| 236 | 26.8  | 20.5  | 30.7  |



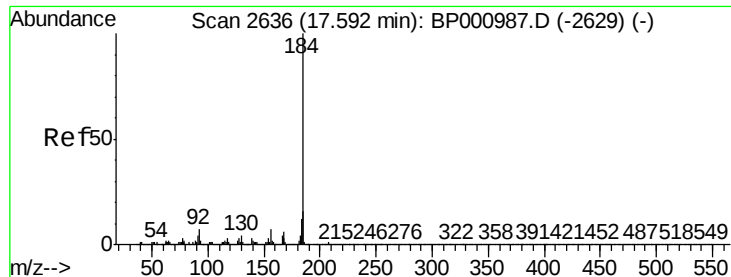
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 31.050 ng

RT: 17.59 min Scan# 2636

Delta R.T. -0.00 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampled :

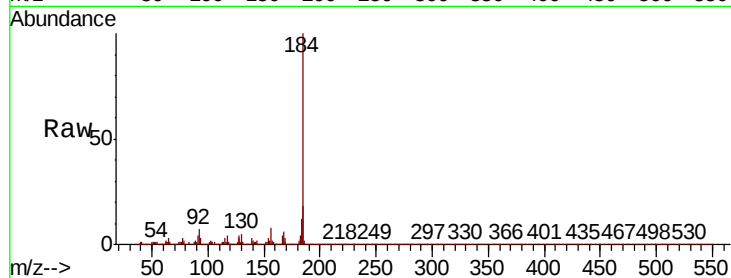
Tot Ion:184 Resp: 889748

Ion Ratio Lower Upper

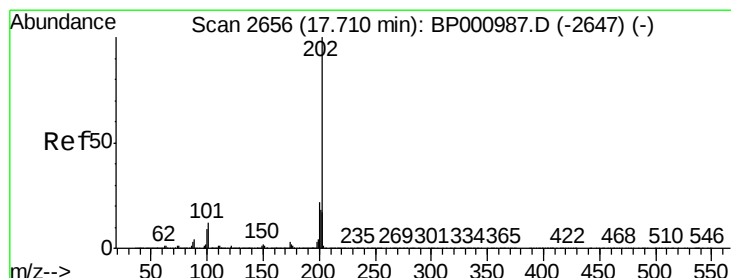
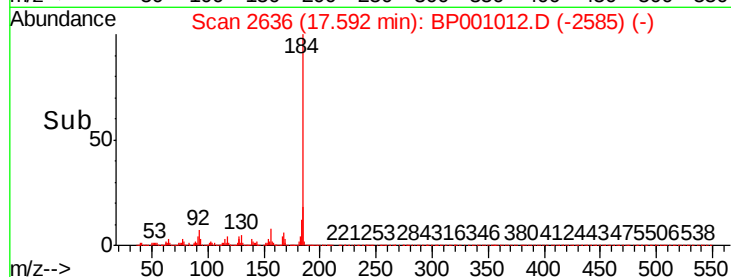
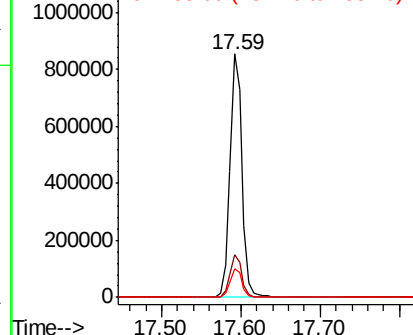
184 100

185 17.5 12.6 18.8

183 11.8 9.8 14.6



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: 37.913 ng

RT: 17.72 min Scan# 2657

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

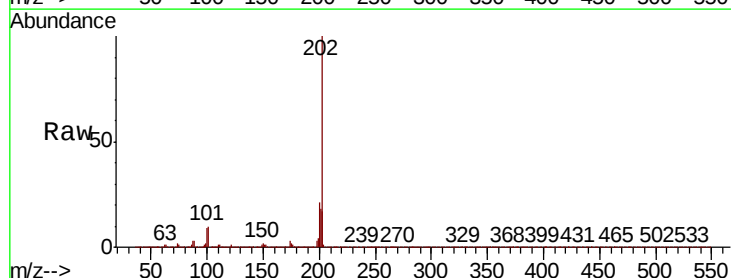
Tgt Ion:202 Resp: 2084852

Ion Ratio Lower Upper

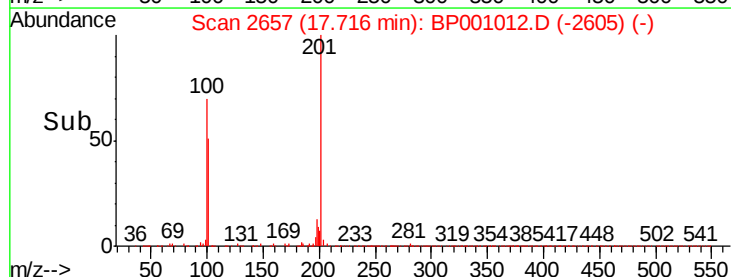
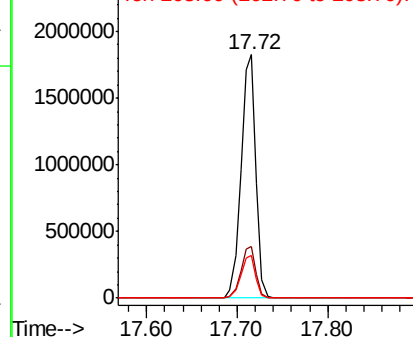
202 100

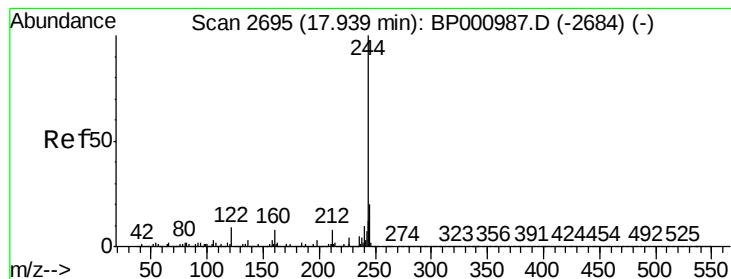
200 21.2 17.2 25.8

203 17.4 14.0 21.0



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: 77.954 ng

RT: 17.95 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

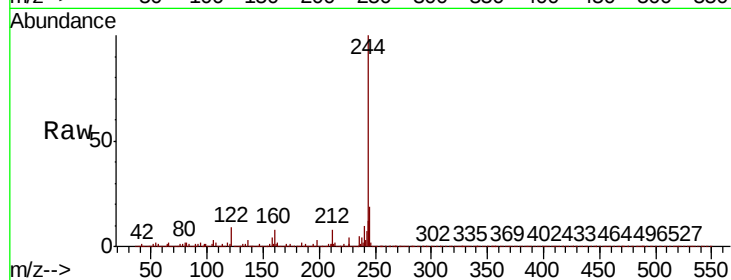
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:244 Resp: 3049457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.7   | 6.0   | 9.0   |
| 122 | 8.6   | 7.4   | 11.2  |

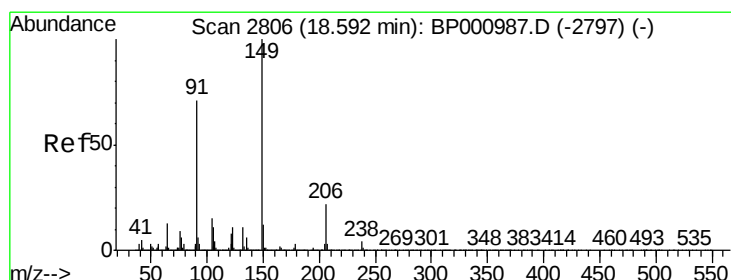
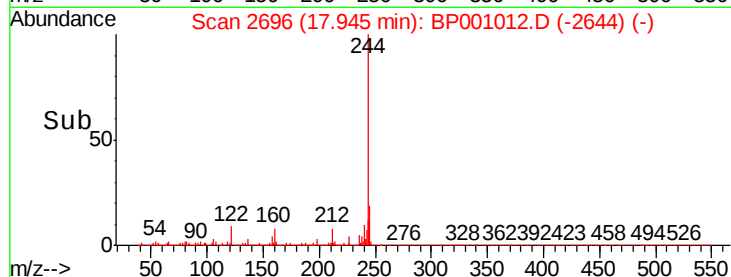
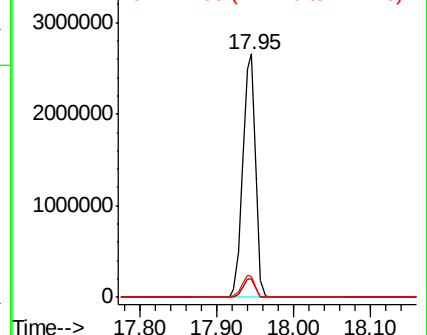


Abundance

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: 37.122 ng

RT: 18.60 min Scan# 2807

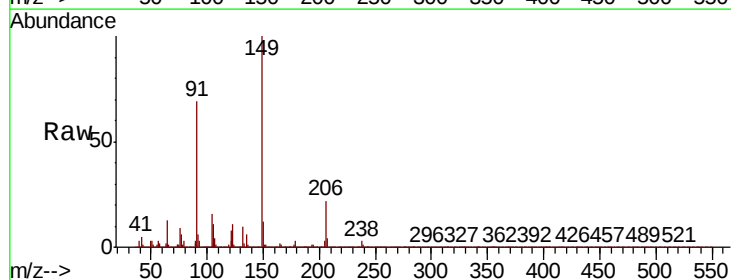
Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Tgt Ion:149 Resp: 808315

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 69.4  | 56.6  | 84.8  |
| 206 | 21.9  | 18.0  | 27.0  |

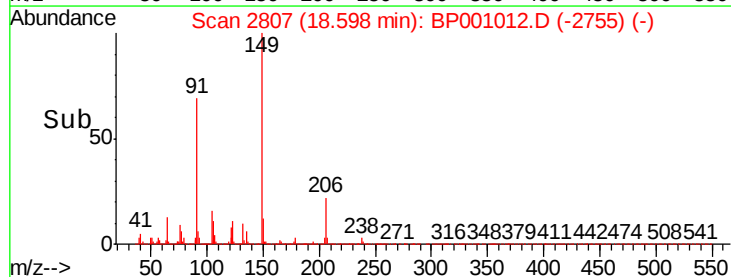
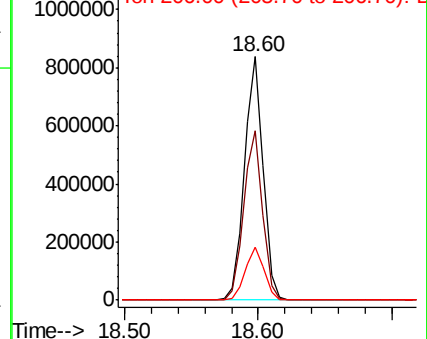


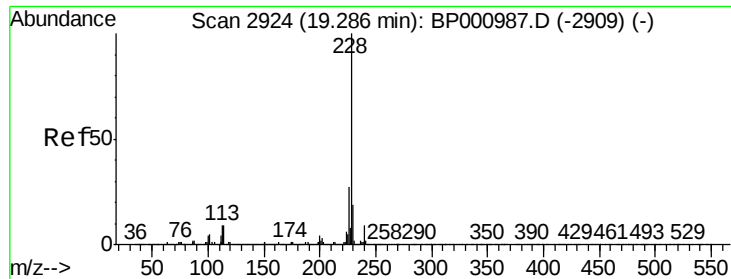
Abundance

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: 39.207 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

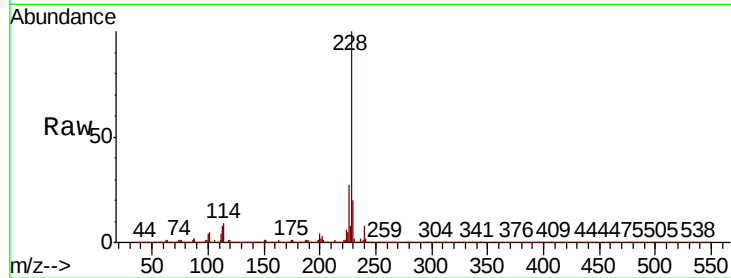
Tot Ion:228 Resp: 2054702

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

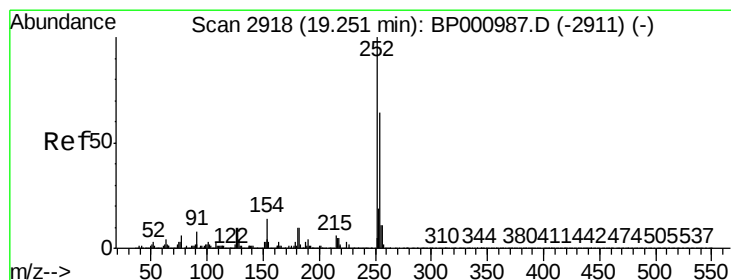
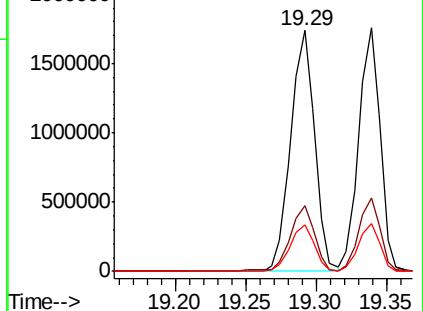
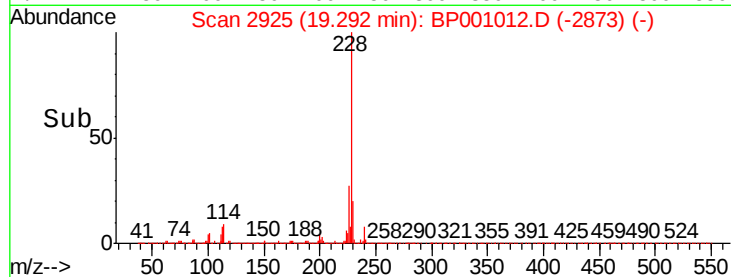
229 19.5 15.6 23.4



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: 38.584 ng

RT: 19.26 min Scan# 2919

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

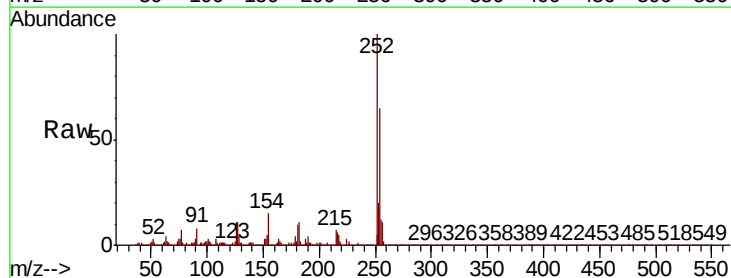
Tgt Ion:252 Resp: 737255

Ion Ratio Lower Upper

252 100

254 65.3 51.1 76.7

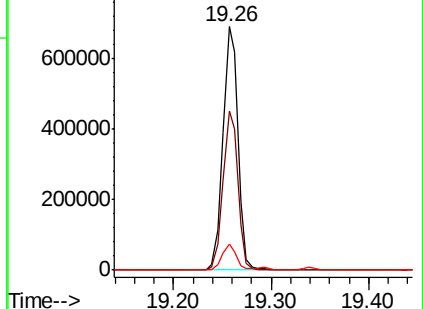
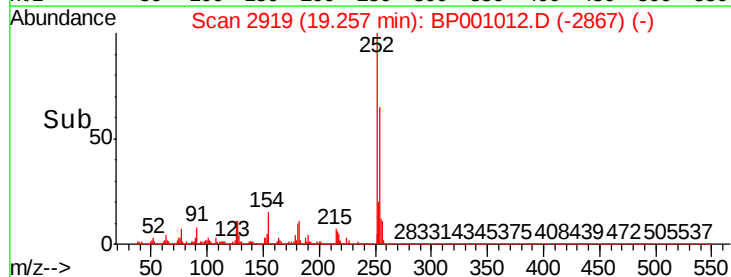
126 10.5 8.3 12.5

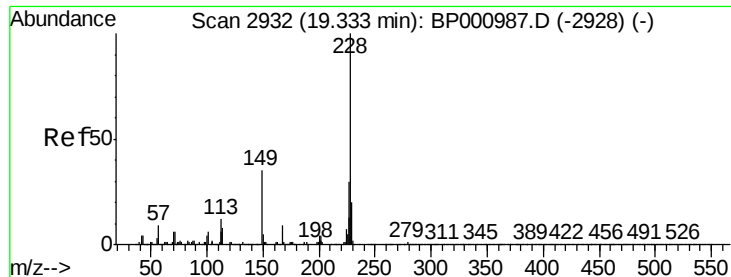


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.483 ng

RT: 19.34 min Scan# 2933

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

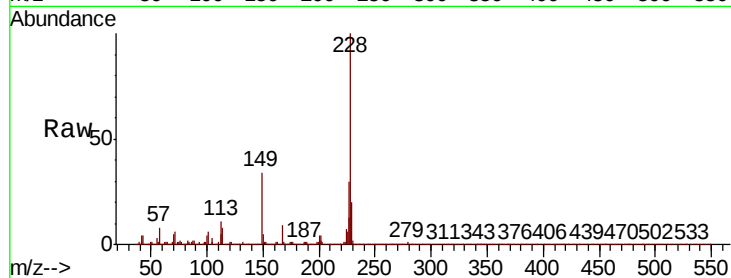
Tot Ion:228 Resp: 1862636

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

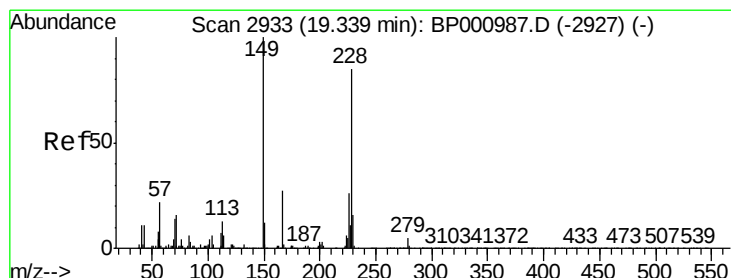
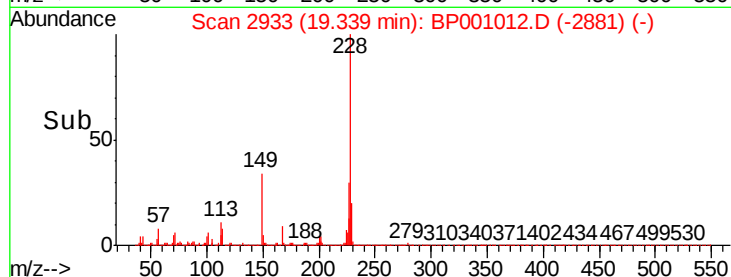
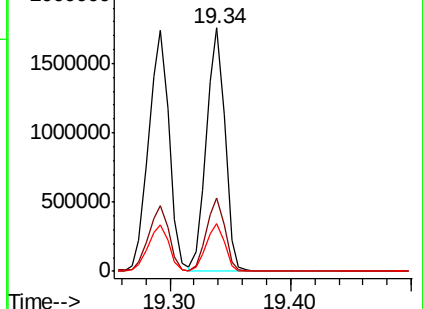
229 19.6 15.8 23.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.653 ng

RT: 19.35 min Scan# 2934

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

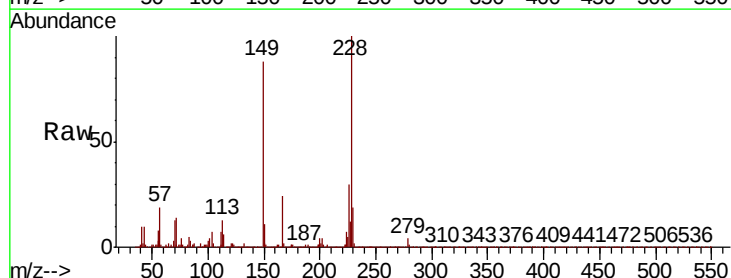
Tgt Ion:149 Resp: 1042429

Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

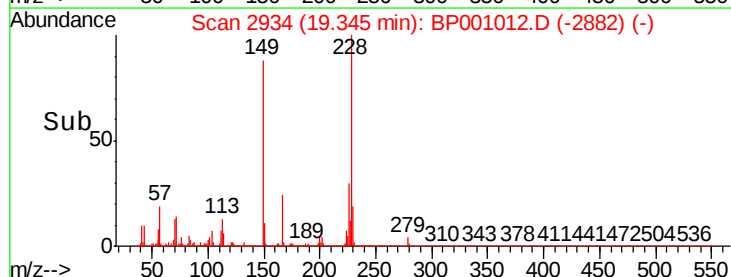
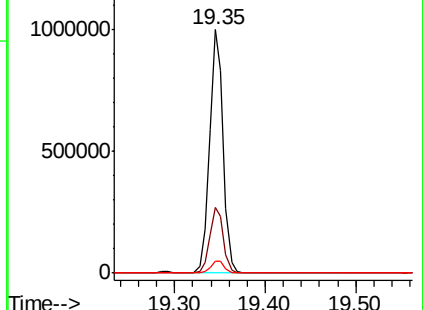
279 4.6 3.7 5.5

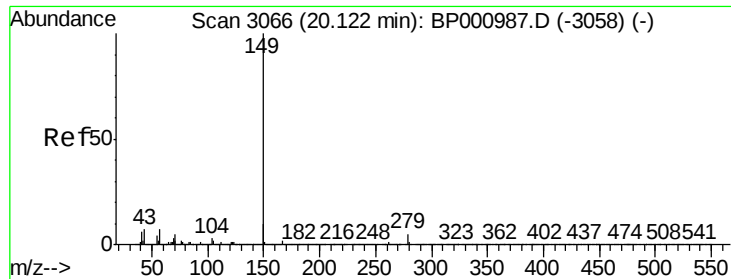


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.864 ng

RT: 20.13 min Scan# 3067

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

Instrument :

BNA\_P

ClientSampleId :

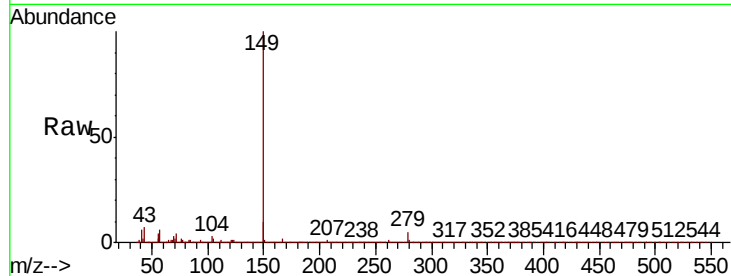
Tot Ion:149 Resp: 1837339

Ion Ratio Lower Upper

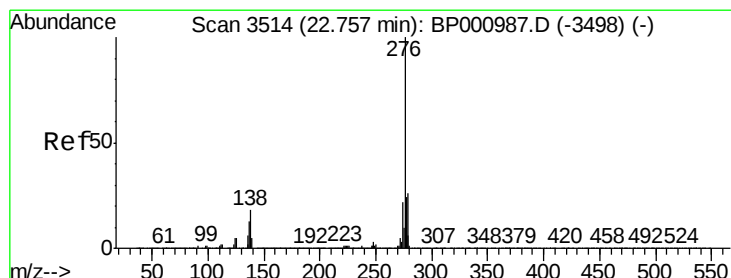
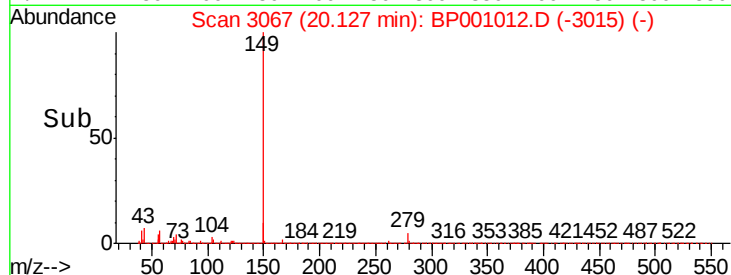
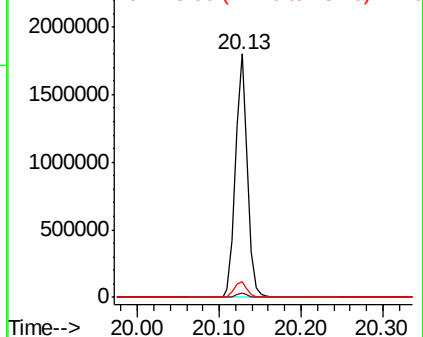
149 100

167 1.6 1.3 1.9

43 6.7 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.789 ng

RT: 22.76 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BP001012.D

Acq: 08 Nov 2019 12:49

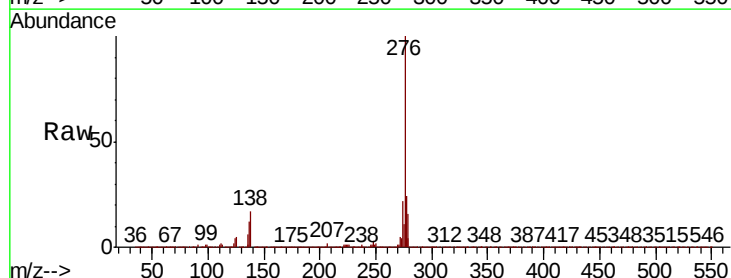
Tgt Ion:276 Resp: 2504903

Ion Ratio Lower Upper

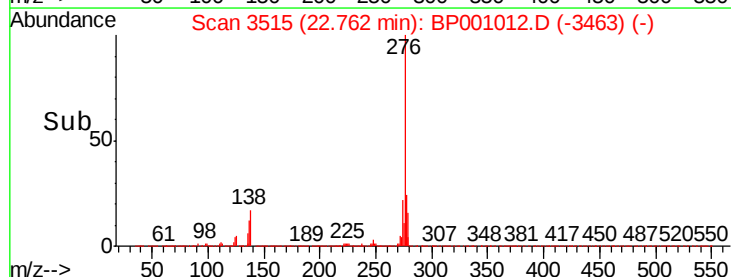
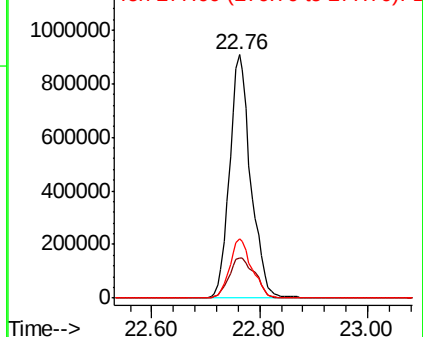
276 100

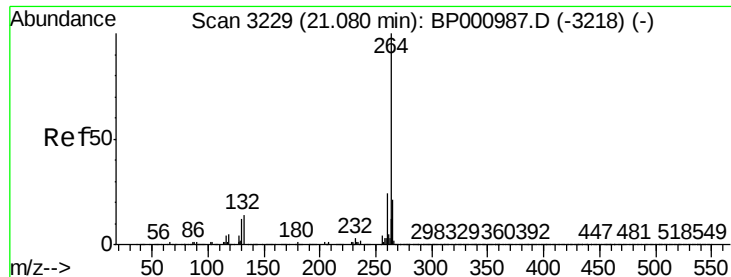
138 20.3 17.6 26.4

277 25.5 20.2 30.4



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



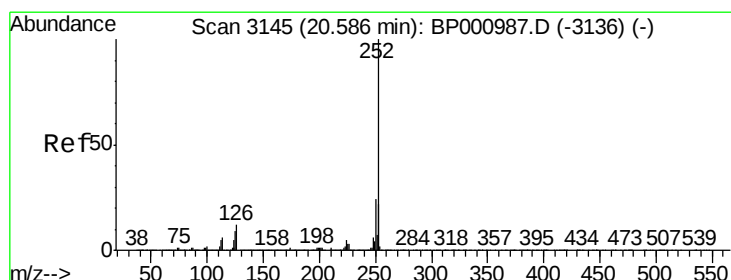
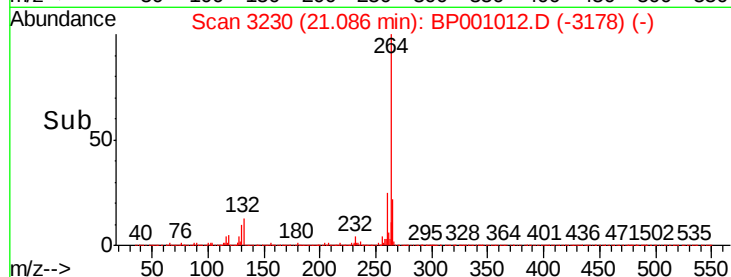
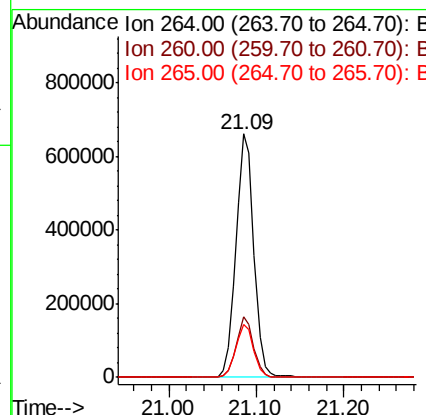
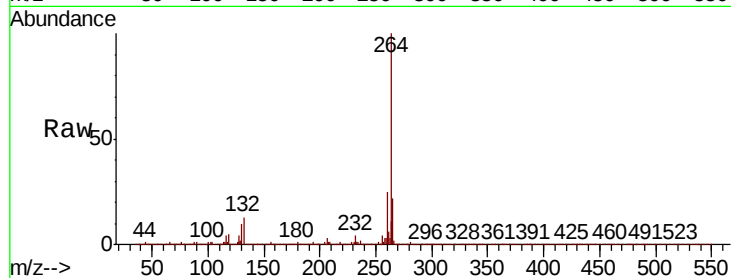


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 21.09 min Scan# 3230  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:264 Resp: 920051  

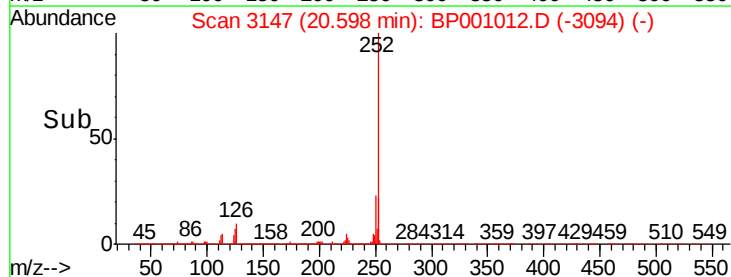
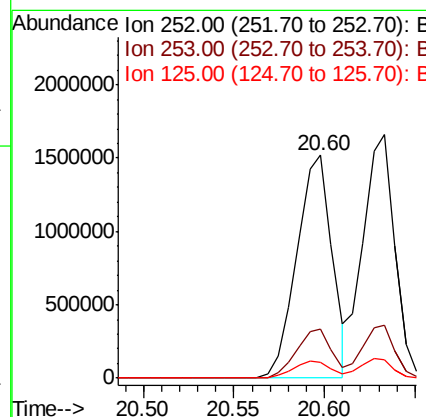
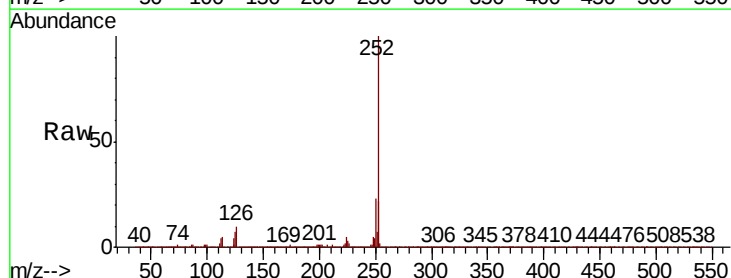
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.7  | 18.8  | 28.2  |
| 265 | 21.8  | 17.1  | 25.7  |

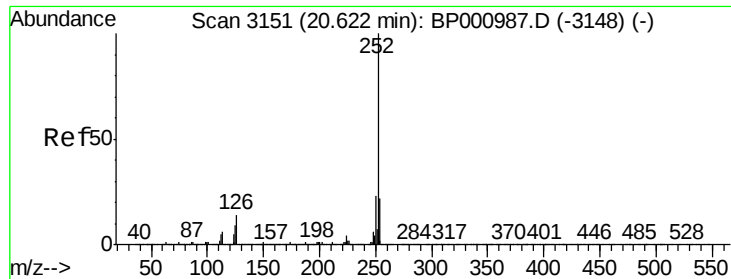


#88  
Benzo(b)fluoranthene  
Concen: 37.844 ng  
RT: 20.60 min Scan# 3147  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion:252 Resp: 2075482  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.9  | 26.9  |
| 125 | 7.4   | 7.3   | 10.9  |

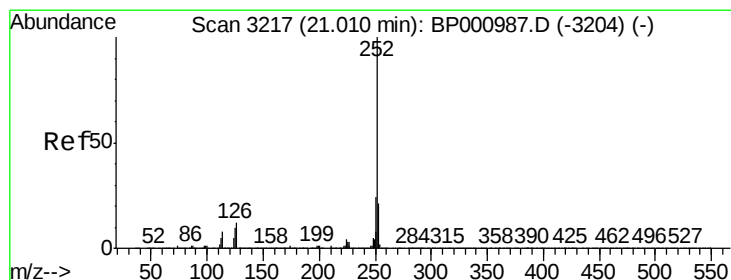
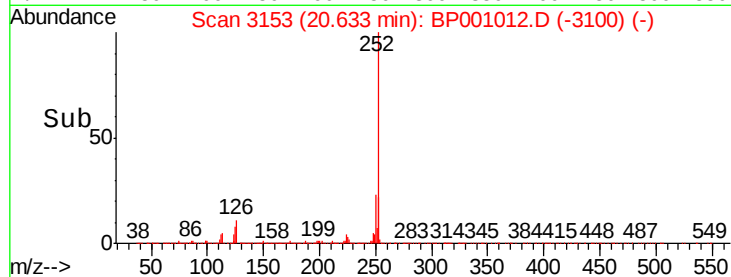
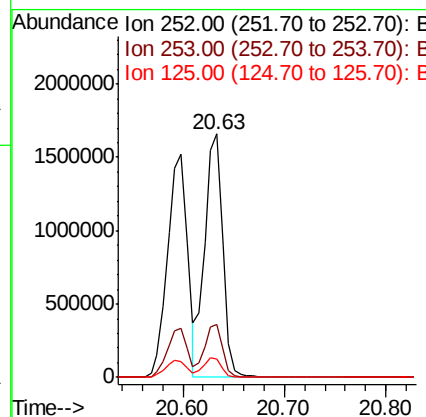
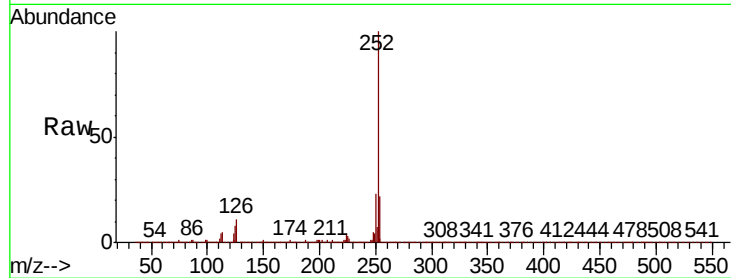




#89  
Benzo(k)fluoranthene  
Concen: 39.741 ng  
RT: 20.63 min Scan# 3153  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

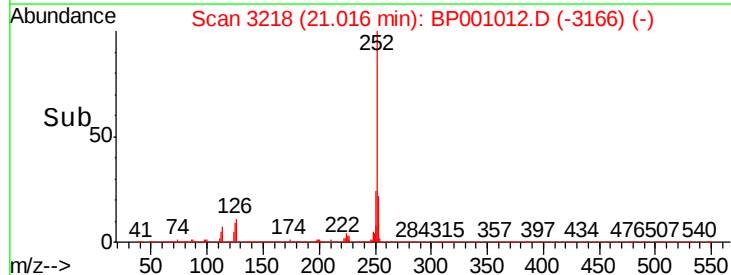
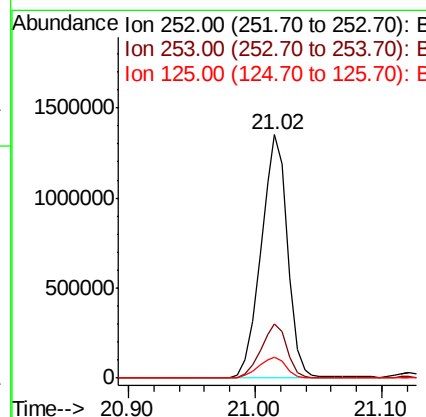
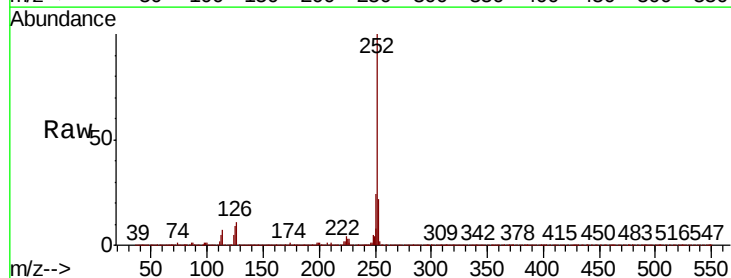
Instrument :  
BNA\_P  
ClientSampleId :

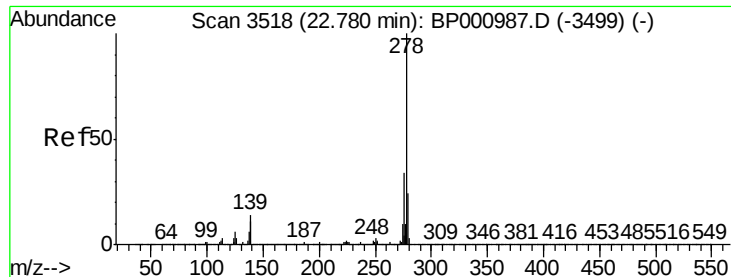
Tot Ion:252 Resp: 2051630  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.7 26.5  
125 7.6 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 38.870 ng  
RT: 21.02 min Scan# 3218  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion:252 Resp: 1960216  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.1 25.7  
125 8.7 7.6 11.4

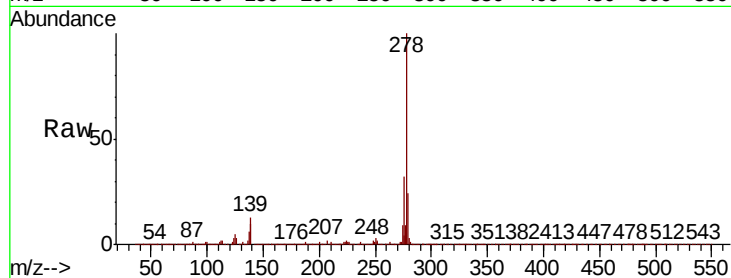




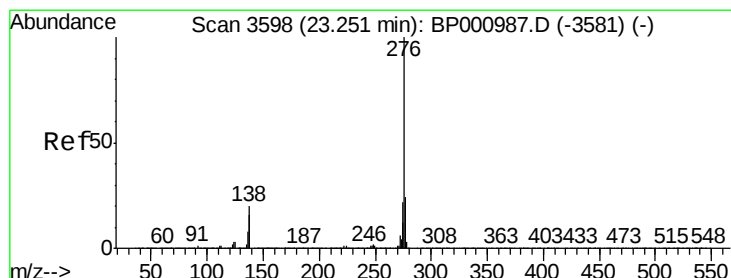
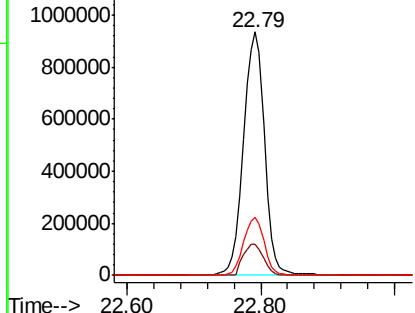
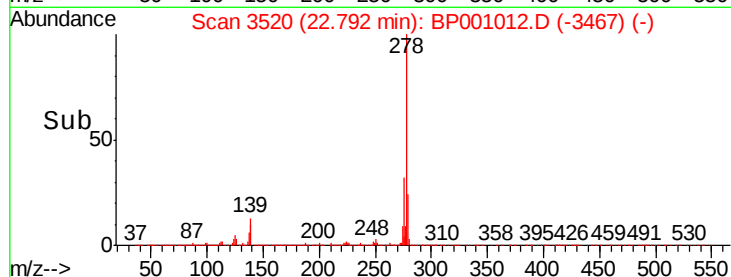
#91  
Dibenzo(a,h)anthracene  
Concen: 39.395 ng  
RT: 22.79 min Scan# 3520  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:278 Resp: 2027657  
Ion Ratio Lower Upper  
278 100  
139 13.0 11.3 16.9  
279 23.8 19.1 28.7

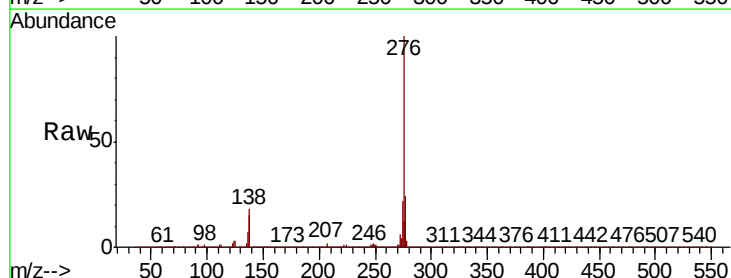


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 38.786 ng  
RT: 23.26 min Scan# 3600  
Delta R.T. 0.01 min  
Lab File: BP001012.D  
Acq: 08 Nov 2019 12:49

Tgt Ion:276 Resp: 2010138  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.0 28.4  
138 17.7 15.7 23.5



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

