

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\  
 Data File : BP000017.D  
 Acq On : 30 Aug 2019 20:49  
 Operator : HP/JU  
 Sample : MDL-S-BL02  
 Misc : 4PPM  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 31 01:06:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 17:47:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 463741   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 1685179  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.94  | 164  | 913931   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.43 | 188  | 1669497  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.10 | 240  | 1371994  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 1448264  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.52  | 112  | 3500272  | 120.36 | ng    | 0.01     |
| 7) Phenol-d6                | 6.52  | 99   | 4392533  | 119.65 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 2455910  | 89.42  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.73 | 330  | 1043102  | 135.41 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.26  | 172  | 4726483  | 86.37  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.04 | 244  | 5440393  | 86.43  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.68 | 88   | 147      | 0.011  | ng    | # 1    |
| 3) Pyridine                    | 3.45 | 79   | 125      | 0.003  | ng    | # 43   |
| 4) n-Nitrosodimethylamine      | 3.39 | 42   | 181      | 0.016  | ng    | # 1    |
| 6) Aniline                     | 6.52 | 93   | 501      | 0.009  | ng    | # 1    |
| 8) 2-Chlorophenol              | 6.68 | 128  | 1390     | 0.046  | ng    | # 10   |
| 9) Benzaldehyde                | 6.52 | 77   | 6788     | 0.300  | ng    | # 3    |
| 10) Phenol                     | 6.52 | 94   | 1429     | 0.035  | ng    | # 1    |
| 11) bis(2-Chloroethyl)ether    | 6.66 | 93   | 5488     | 0.170  | ng    | # 1    |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146  | 77       | 0.002  | ng    | # 54   |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146  | 120      | 0.003  | ng    | # 1    |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146  | 569      | 0.018  | ng    | # 1    |
| 15) Benzyl Alcohol             | 7.05 | 79   | 44737    | 1.662  | ng    | # 43   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45   | 85       | 0.002  | ng    | # 1    |
| 17) 2-Methylphenol             | 7.14 | 107  | 238      | 0.009  | ng    | # 1    |
| 18) Hexachloroethane           | 7.41 | 117  | 145      | 0.011  | ng    | # 24   |
| 19) n-Nitroso-di-n-propylamine | 7.45 | 70   | 318705   | 15.253 | ng    | # 78   |
| 20) 3+4-Methylphenols          | 7.28 | 107  | 132      | 0.004  | ng    | # 20   |
| 22) Acetophenone               | 7.29 | 105  | 397      | 0.010  | ng    | # 65   |
| 24) Nitrobenzene               | 7.45 | 77   | 7786     | 0.262  | ng    | # 33   |
| 25) Isophorone                 | 7.45 | 82   | 2455910  | 42.322 | ng    | # 66   |
| 26) 2-Nitrophenol              | 7.79 | 139  | 25       | 0.002  | ng    | # 1    |
| 27) 2,4-Dimethylphenol         | 7.98 | 122  | 20       | 0.001  | ng    | # 96   |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93   | 59       | 0.002  | ng    | # 59   |
| 29) 2,4-Dichlorophenol         | 8.02 | 162  | 50       | 0.002  | ng    | # 1    |
| 30) 1,2,4-Trichlorobenzene     | 8.13 | 180  | 19       | 0.001  | ng    | # 16   |
| 31) Naphthalene                | 8.19 | 128  | 593      | 0.008  | ng    | # 64   |
| 32) Benzoic acid               | 7.90 | 122  | 81       | 8.066  | ng    | # 13   |
| 33) 4-Chloroaniline            | 8.24 | 127  | 248      | 0.007  | ng    | # 33   |
| 34) Hexachlorobutadiene        | 8.31 | 225  | 19       | 0.001  | ng    | # 68   |
| 35) Caprolactam                | 8.58 | 113  | 29       | 0.003  | ng    | # 1    |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107  | 86       | 0.003  | ng    | # 57   |
| 37) 2-Methylnaphthalene        | 8.89 | 142  | 199      | 0.004  | ng    | # 33   |
| 38) 1-Methylnaphthalene        | 8.99 | 142  | 143      | 0.003  | ng    | # 72   |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216  | 58       | 0.002  | ng    | # 46   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\  
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 Sample : MDL-S-BL02  
 Misc : 4PPM  
 ALS Vial : 5 Sample Multiplier: 1

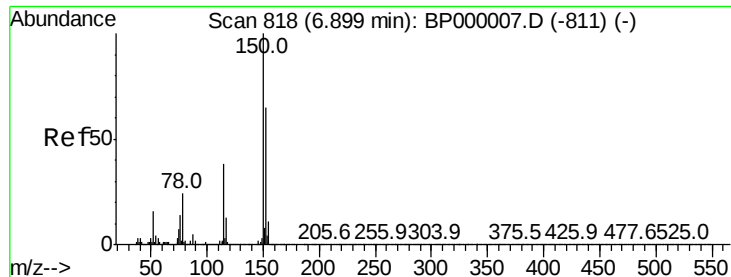
Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 31 01:06:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 17:47:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.02  | 237  | 16       | 0.001     | ng    | 87       |
| 43) 2,4,6-Trichlorophenol      | 9.15  | 196  | 60       | 0.003     | ng    | # 46     |
| 44) 2,4,5-Trichlorophenol      | 9.19  | 196  | 112      | 0.006     | ng    | # 1      |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 8702     | 0.135     | ng    | 95       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 184      | 0.003     | ng    | # 70     |
| 48) 2-Nitroaniline             | 9.49  | 65   | 265      | 0.018     | ng    | # 42     |
| 49) Acenaphthylene             | 9.80  | 152  | 482      | 0.006     | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.94  | 165  | 118798   | 8.987     | ng    | # 30     |
| 52) Acenaphthene               | 9.98  | 154  | 399      | 0.008     | ng    | # 79     |
| 53) 3-Nitroaniline             | 9.88  | 138  | 91       | 0.006     | ng    | # 45     |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 55       | 8.658     | ng    | # 1      |
| 55) Dibenzofuran               | 10.14 | 168  | 283      | 0.004     | ng    | # 68     |
| 56) 4-Nitrophenol              | 10.02 | 139  | 128      | 0.011     | ng    | # 1      |
| 57) 2,4-Dinitrotoluene         | 9.94  | 165  | 118798   | 7.039     | ng    | # 21     |
| 58) Fluorene                   | 10.73 | 166  | 59496    | 1.116     | ng    | # 91     |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 23       | 0.002     | ng    | # 1      |
| 60) Diethylphthalate           | 10.36 | 149  | 193      | 0.003     | ng    | # 90     |
| 61) 4-Chlorophenyl-phenylether | 10.46 | 204  | 41       | 0.001     | ng    | # 1      |
| 62) 4-Nitroaniline             | 10.48 | 138  | 152      | 0.010     | ng    | # 22     |
| 63) Azobenzene                 | 10.64 | 77   | 339      | 0.006     | ng    | # 41     |
| 65) 4,6-Dinitro-2-methylphenol | 10.73 | 198  | 3496     | 8.181     | ng    | # 1      |
| 66) n-Nitrosodiphenylamine     | 10.73 | 169  | 39524    | 0.797     | ng    | # 42     |
| 67) 4-Bromophenyl-phenylether  | 10.73 | 248  | 75177    | 4.431     | ng    | # 1      |
| 68) Hexachlorobenzene          | 11.02 | 284  | 58       | 0.003     | ng    | # 1      |
| 69) Atrazine                   | 10.98 | 200  | 15       | Below Cal |       | 75       |
| 70) Pentachlorophenol          | 11.13 | 266  | 56       | 0.006     | ng    | 92       |
| 71) Phenanthrene               | 11.46 | 178  | 737      | 0.009     | ng    | 96       |
| 72) Anthracene                 | 11.51 | 178  | 206      | 0.003     | ng    | # 71     |
| 73) Carbazole                  | 11.66 | 167  | 279      | 0.004     | ng    | # 73     |
| 74) Di-n-butylphthalate        | 12.00 | 149  | 754      | 0.008     | ng    | # 68     |
| 75) Fluoranthene               | 12.57 | 202  | 38       | 0.000     | ng    | 74       |
| 77) Benzidine                  | 13.04 | 184  | 89248    | 1.885     | ng    | # 95     |
| 78) Pyrene                     | 13.04 | 202  | 21781    | 0.216     | ng    | # 71     |
| 80) Butylbenzylphthalate       | 13.52 | 149  | 159      | 0.004     | ng    | # 1      |
| 81) Benzo(a)anthracene         | 14.10 | 228  | 3958     | 0.045     | ng    | # 60     |
| 82) 3,3'-Dichlorobenzidine     | 14.05 | 252  | 173      | 0.005     | ng    | # 50     |
| 83) Chrysene                   | 14.10 | 228  | 3958     | 0.047     | ng    | # 57     |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 335      | 0.006     | ng    | # 1      |
| 85) Di-n-octyl phthalate       | 14.70 | 149  | 400      | 0.004     | ng    | # 1      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.18 | 276  | 30       | 0.000     | ng    | # 1      |
| 88) Benzo(b)fluoranthene       | 15.19 | 252  | 137      | 0.002     | ng    | # 1      |
| 89) Benzo(k)fluoranthene       | 15.19 | 252  | 115      | 0.001     | ng    | # 1      |
| 90) Benzo(a)pyrene             | 15.57 | 252  | 198      | 0.002     | ng    | # 1      |
| 91) Dibenzo(a,h)anthracene     | 17.22 | 278  | 15       | 0.000     | ng    | # 1      |
| 92) Benzo(g,h,i)perylene       | 17.63 | 276  | 29       | 0.000     | ng    | # 1      |

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



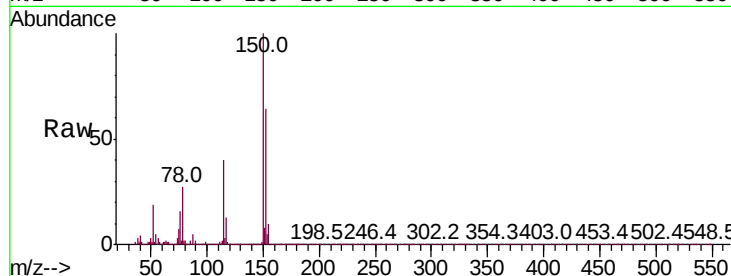


#1

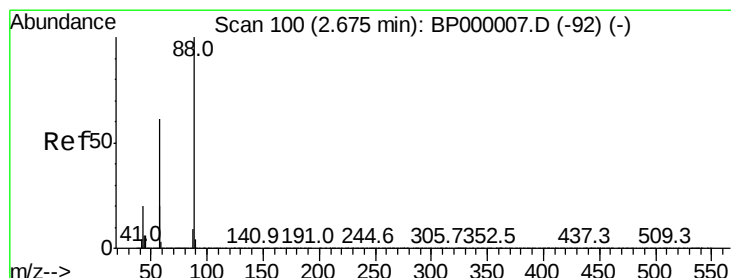
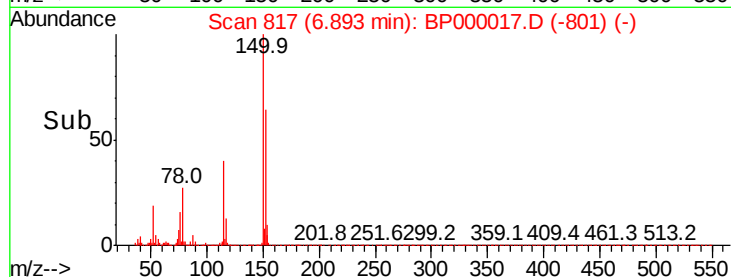
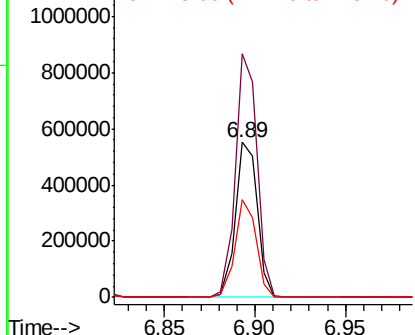
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.0 | 123.0 | 184.6 |
| 115     | 63.3  | 46.7  | 70.1  |



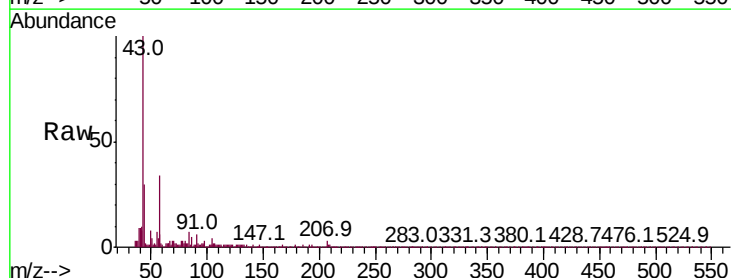
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



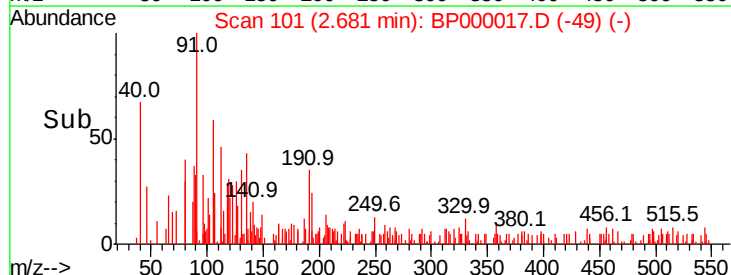
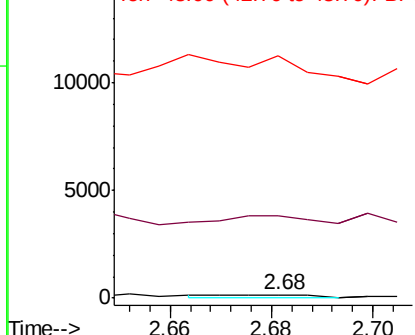
#2

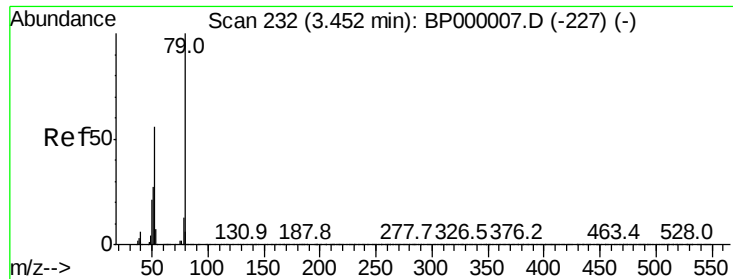
1,4-Dioxane  
Concen: 0.011 ng  
RT: 2.68 min Scan# 101  
Delta R.T. 0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 234.7 | 49.8  | 74.8# |
| 43      | 0.0   | 16.9  | 25.3# |



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: 0.003 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

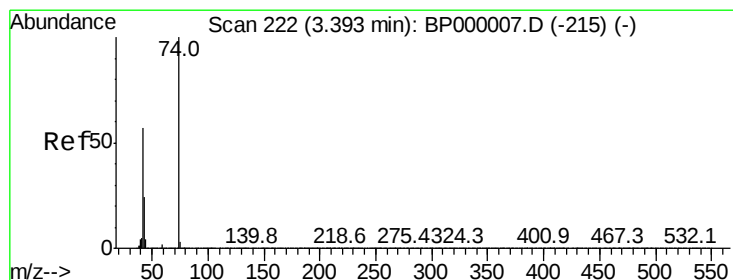
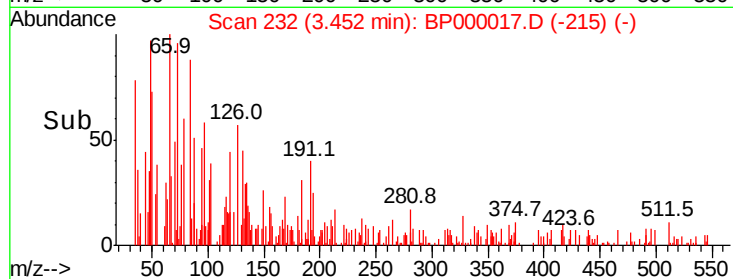
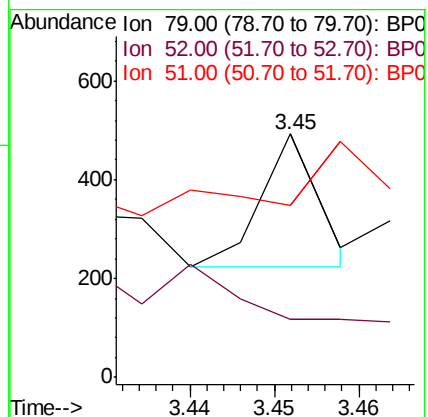
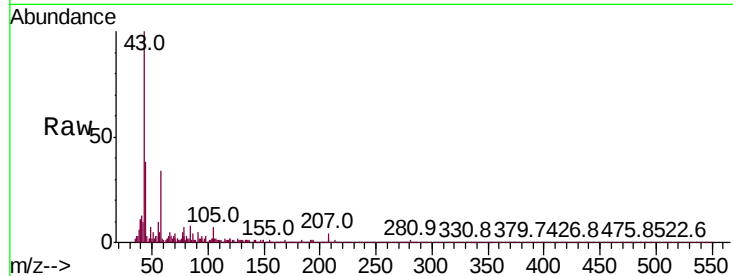
Tot Ion: 79 Resp: 125

Ion Ratio Lower Upper

79 100

52 23.7 44.5 66.7#

51 70.6 21.8 32.6#



#4

n-Nitrosodimethylamine

Concen: 0.016 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

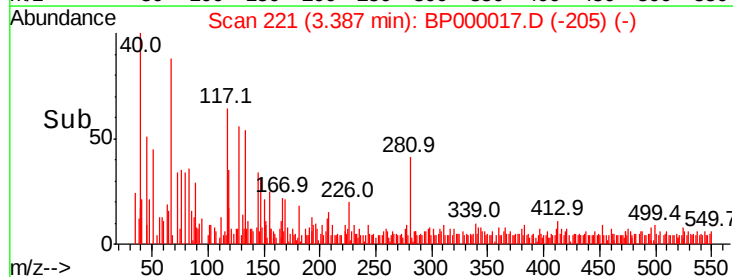
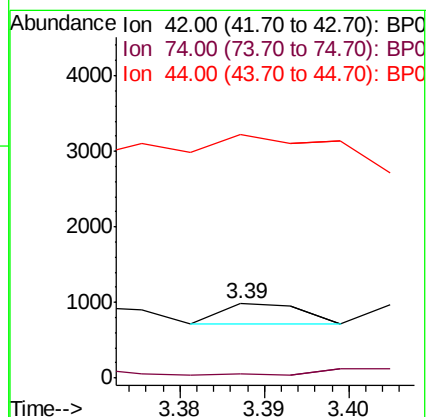
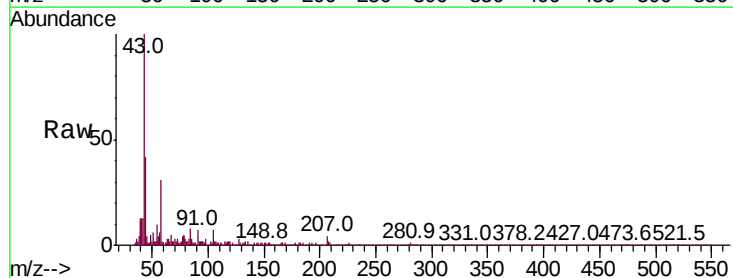
Tgt Ion: 42 Resp: 181

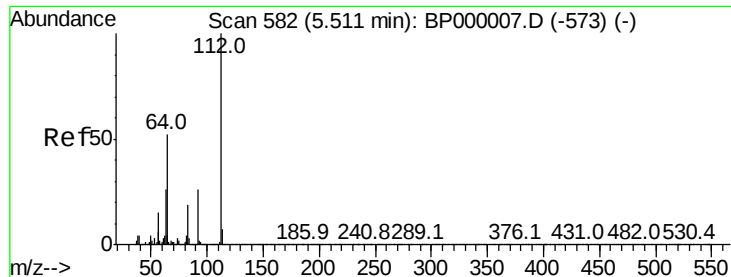
Ion Ratio Lower Upper

42 100

74 5.2 139.9 209.9#

44 327.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 120.361 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

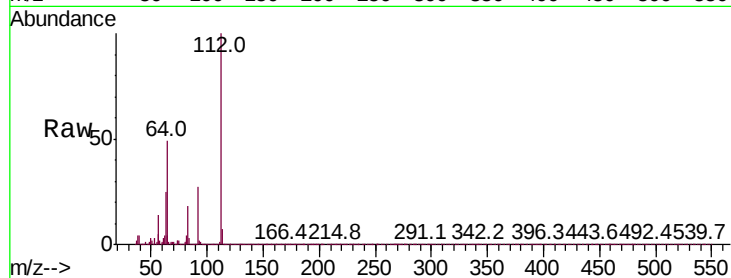
Tot Ion:112 Resp: 3500272

Ion Ratio Lower Upper

112 100

64 49.3 41.8 62.8

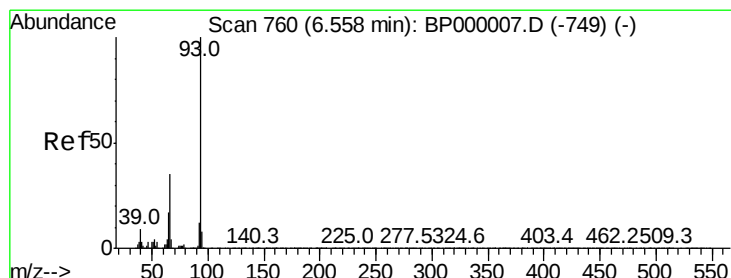
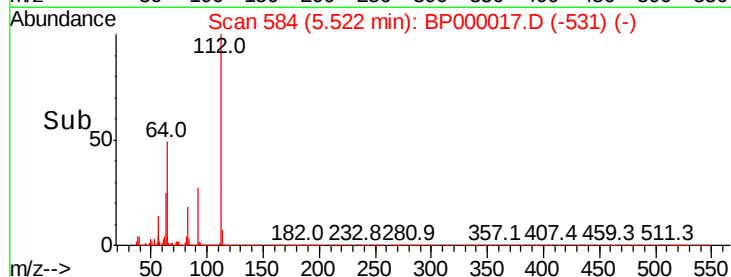
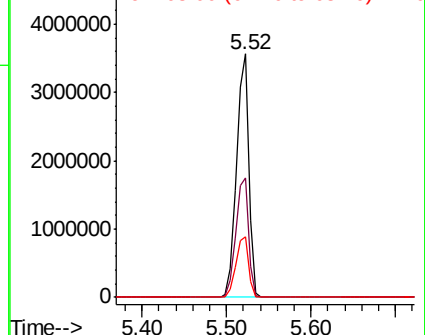
63 25.0 21.0 31.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.009 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

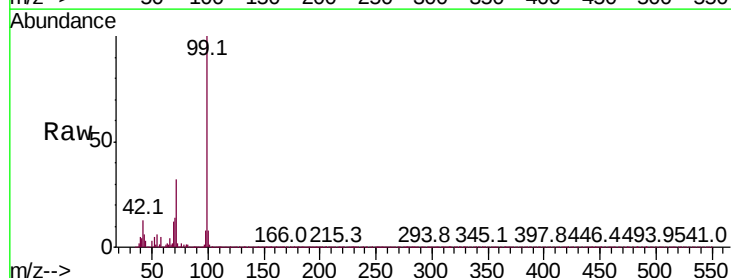
Tgt Ion: 93 Resp: 501

Ion Ratio Lower Upper

93 100

66 40584.1 27.8 41.8#

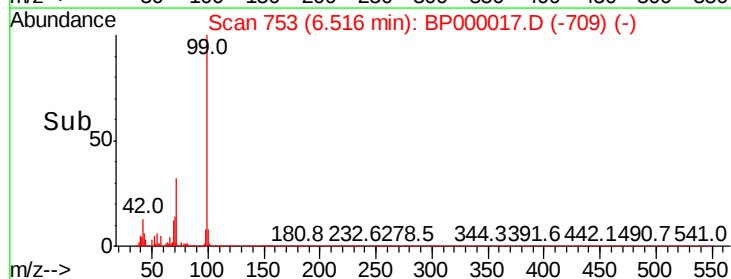
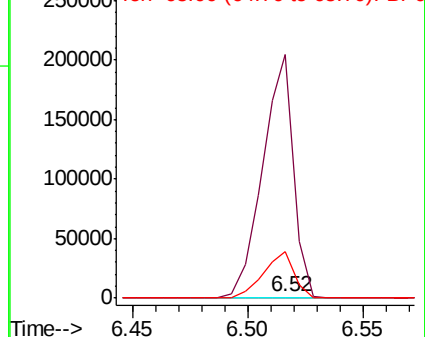
65 7841.3 13.9 20.9#

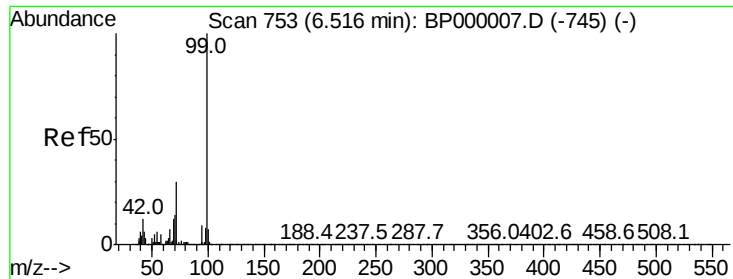


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 119.645 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

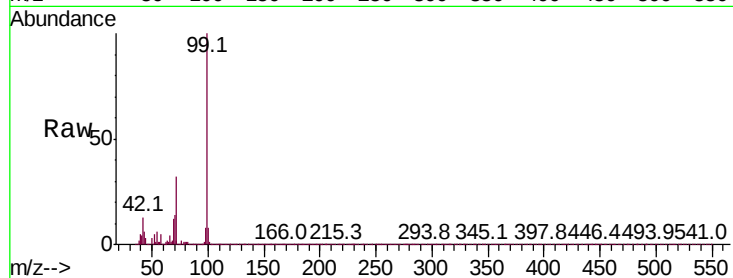
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 4392533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 12.7  | 9.8   | 14.8  |
| 71  | 31.6  | 23.8  | 35.8  |

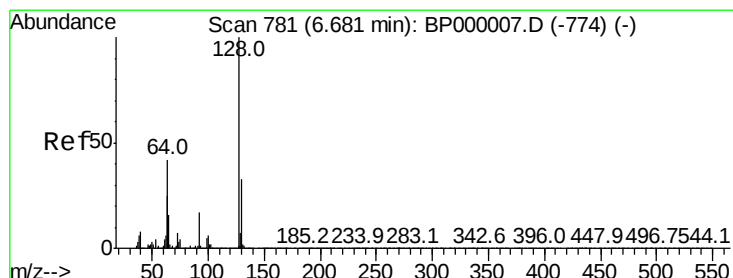
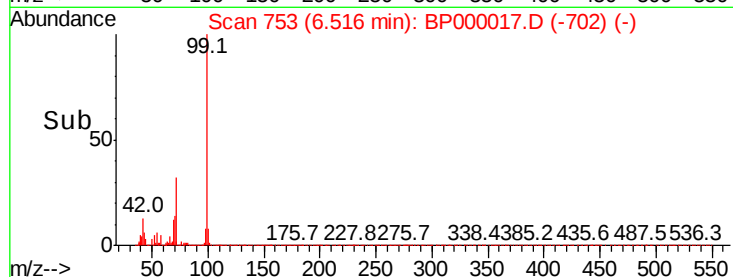
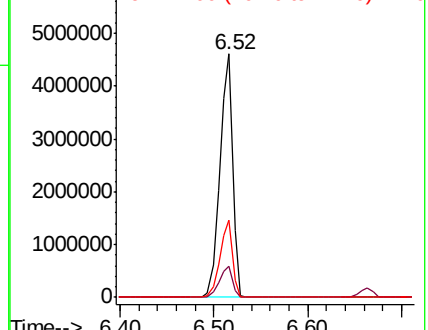


Abundance

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: 0.046 ng

RT: 6.68 min Scan# 781

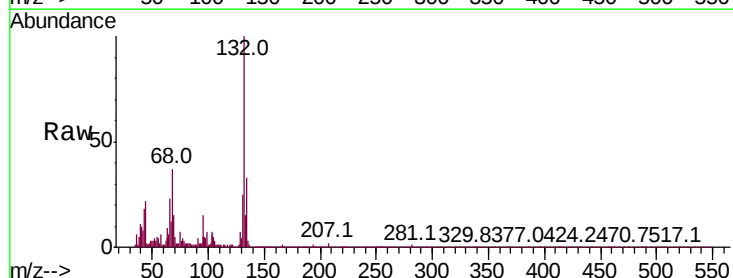
Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Tgt Ion: 128 Resp: 1390

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 59.3  | 13.0  | 53.0# |
| 64  | 120.3 | 22.0  | 62.0# |

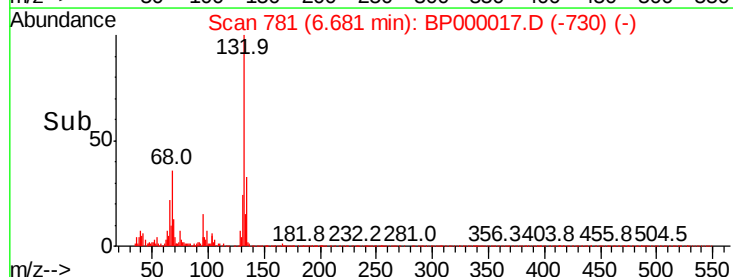
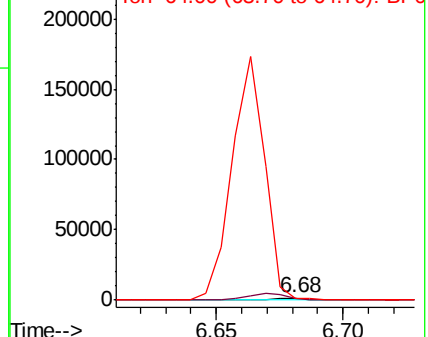


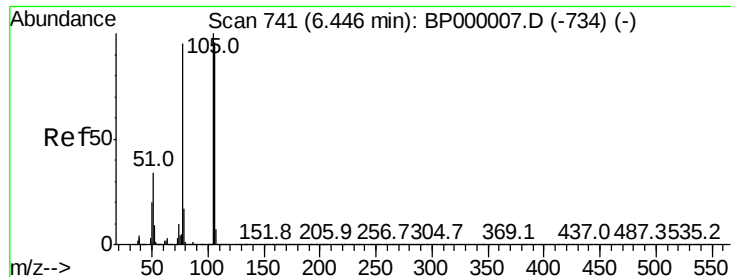
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 0.300 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

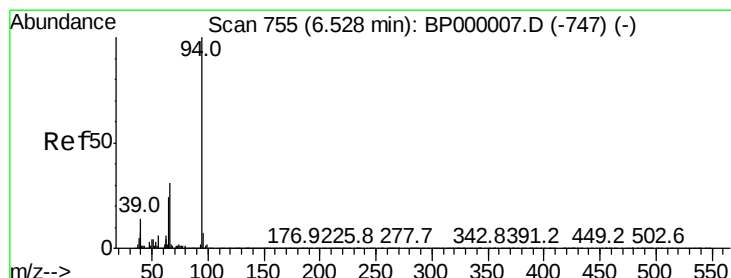
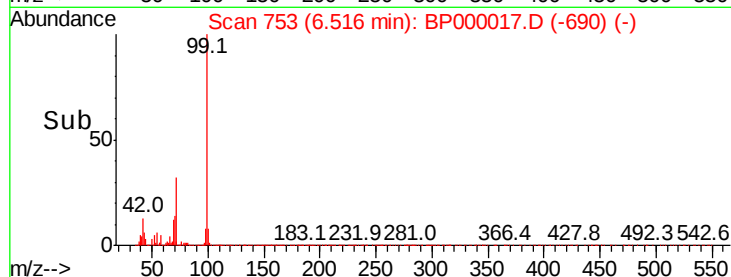
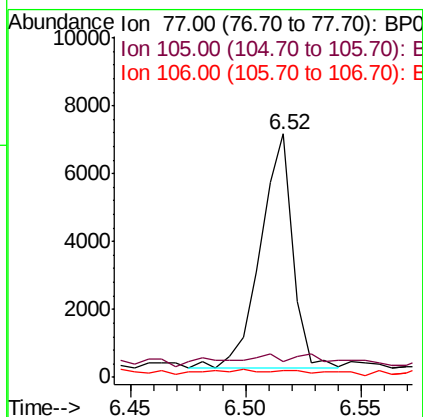
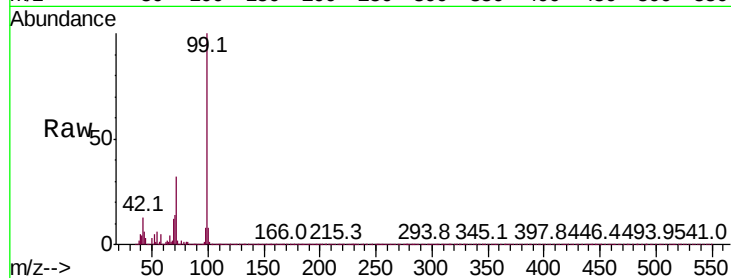
Tot Ion: 77 Resp: 6788

Ion Ratio Lower Upper

77 100

105 6.7 85.1 125.1#

106 2.8 80.8 120.8#



#10

Phenol

Concen: 0.035 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

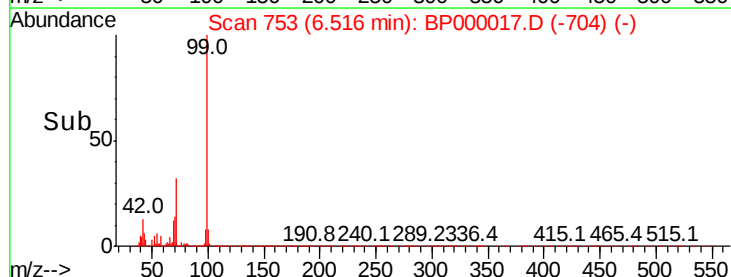
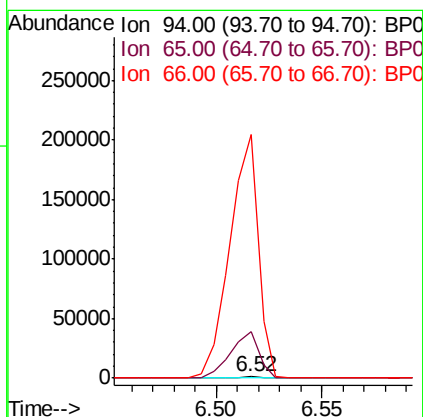
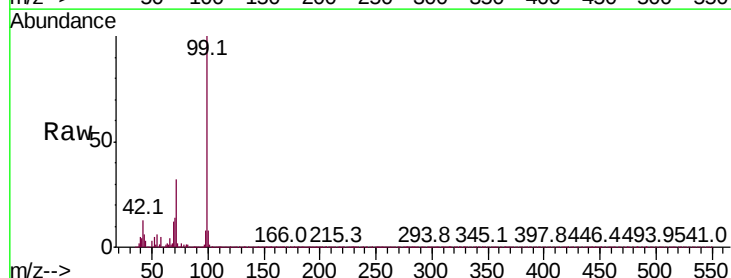
Tgt Ion: 94 Resp: 1429

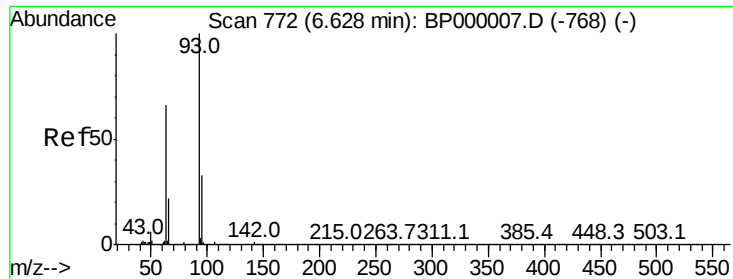
Ion Ratio Lower Upper

94 100

65 4036.8 4.1 44.1#

66 20893.2 11.4 51.4#

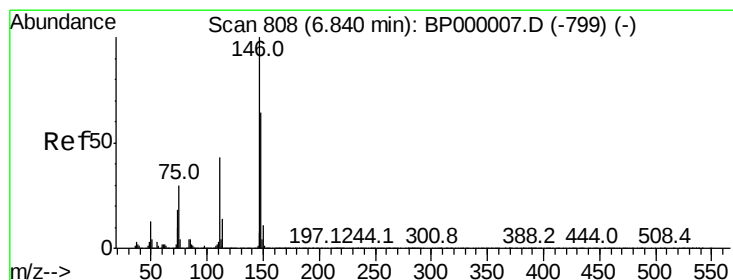
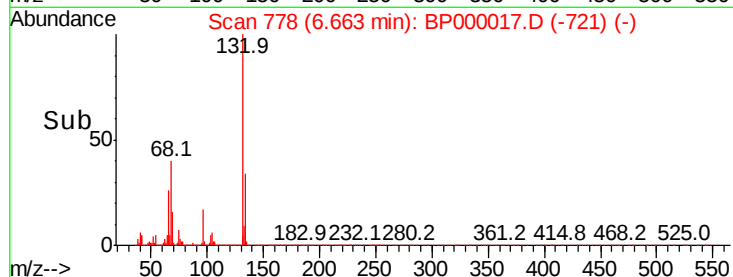
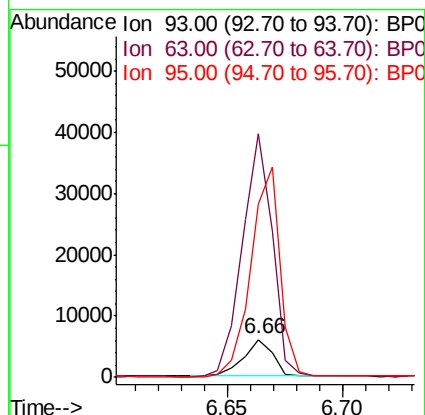
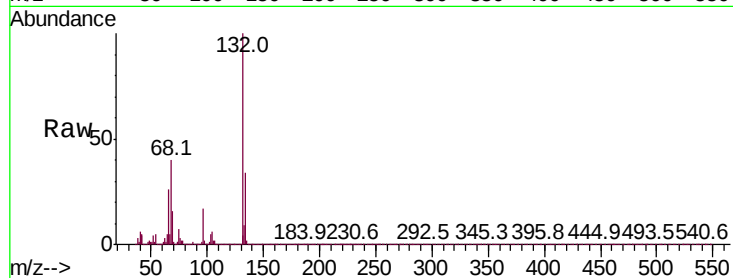




#11  
bis(2-Chloroethyl)ether  
Concen: 0.170 ng  
RT: 6.66 min Scan# 778  
Delta R.T. 0.04 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

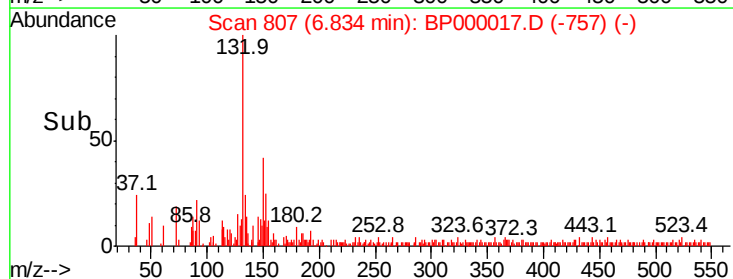
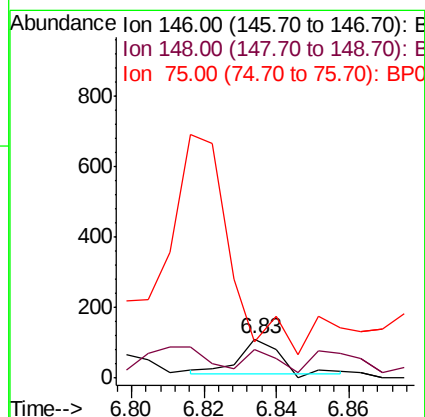
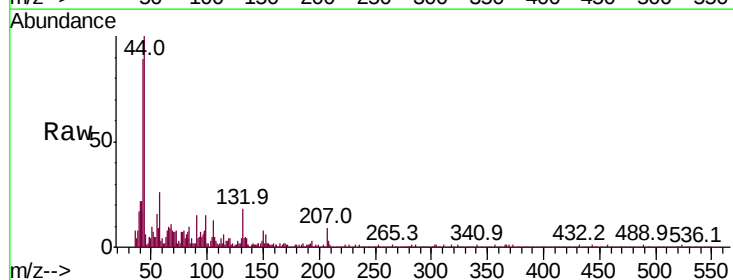
Instrument :  
BNA\_P  
ClientSampled :

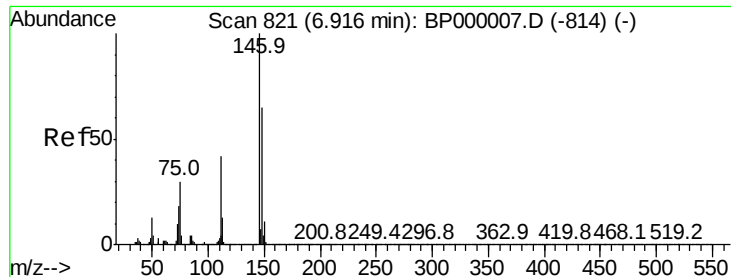
Tot Ion: 93 Resp: 5488  
Ion Ratio Lower Upper  
93 100  
63 649.1 46.0 86.0#  
95 461.9 12.7 52.7#



#12  
1,3-Dichlorobenzene  
Concen: 0.002 ng  
RT: 6.83 min Scan# 807  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion: 146 Resp: 77  
Ion Ratio Lower Upper  
146 100  
148 74.5 51.4 77.2  
75 93.6 24.0 36.0#





#13

1,4-Dichlorobenzene

Concen: 0.003 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

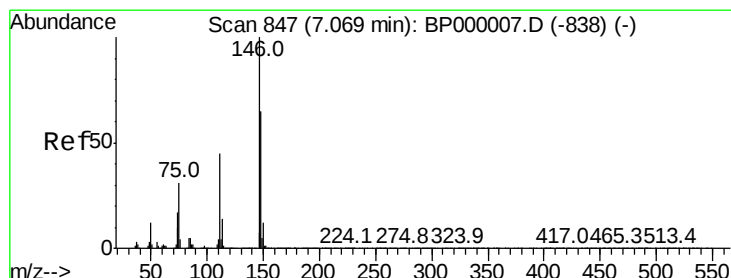
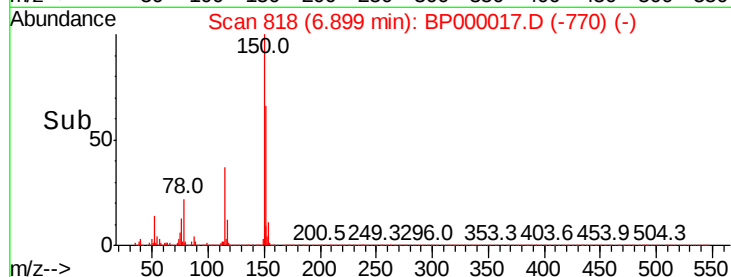
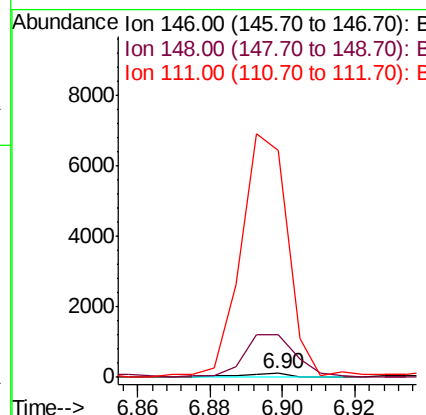
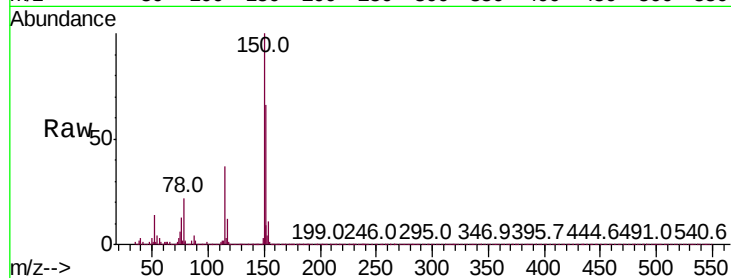
Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:146 Resp: 120

| Ion | Ratio  | Lower | Upper |
|-----|--------|-------|-------|
| 146 | 100    |       |       |
| 148 | 1011.9 | 51.6  | 77.4# |
| 111 | 5454.2 | 33.4  | 50.0# |



#14

1,2-Dichlorobenzene

Concen: 0.018 ng

RT: 7.05 min Scan# 844

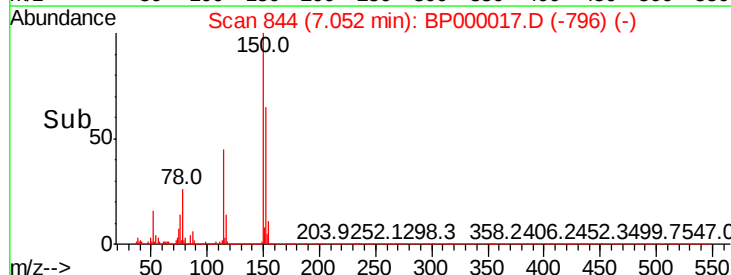
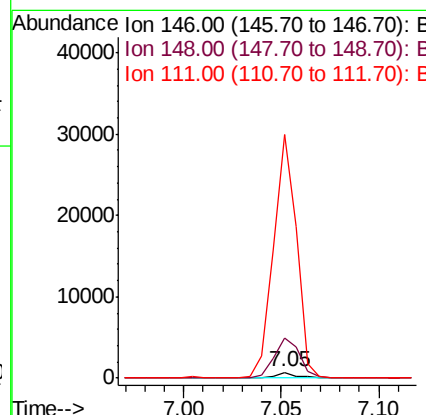
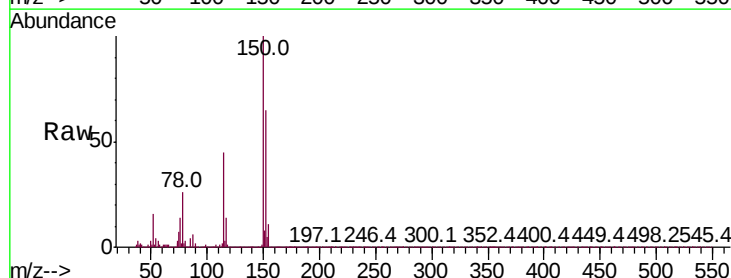
Delta R.T. -0.02 min

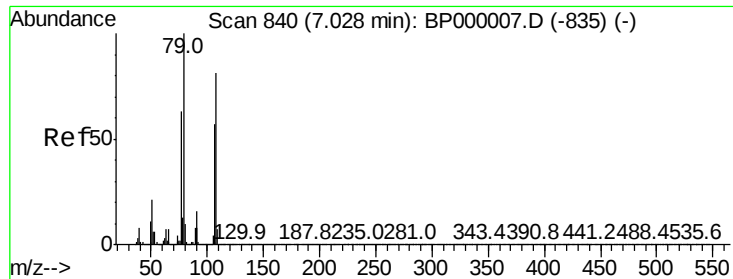
Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Tgt Ion:146 Resp: 569

| Ion | Ratio  | Lower | Upper |
|-----|--------|-------|-------|
| 146 | 100    |       |       |
| 148 | 663.9  | 51.8  | 77.8# |
| 111 | 4030.1 | 36.4  | 54.6# |





#15

Benzyl Alcohol

Concen: 1.662 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

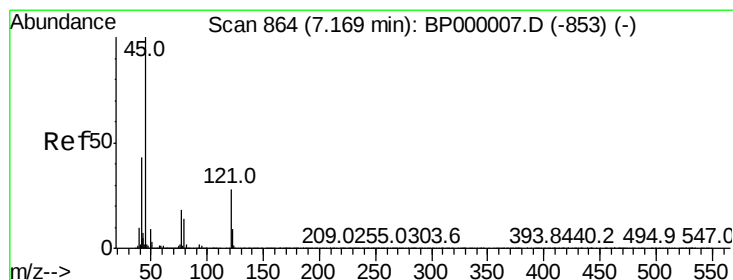
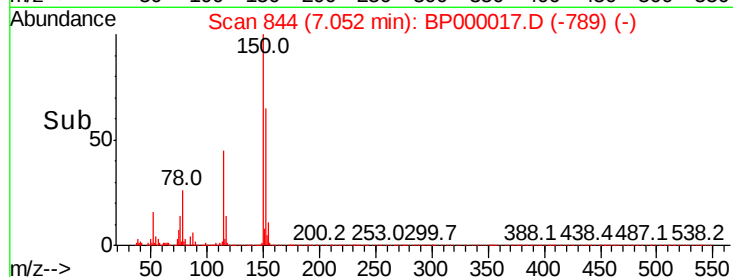
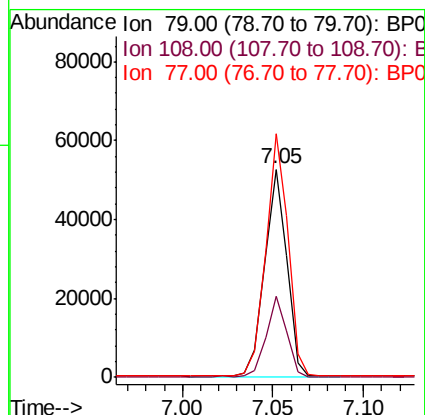
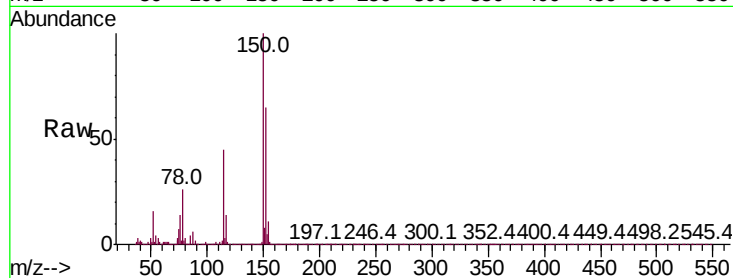
Tot Ion: 79 Resp: 44737

Ion Ratio Lower Upper

79 100

108 39.1 64.5 96.7#

77 117.2 50.3 75.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.002 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

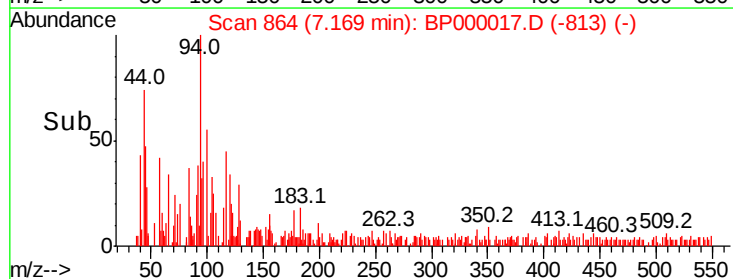
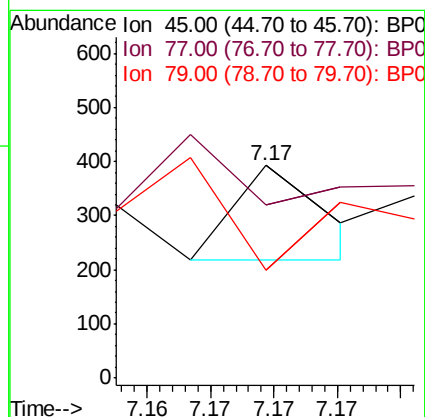
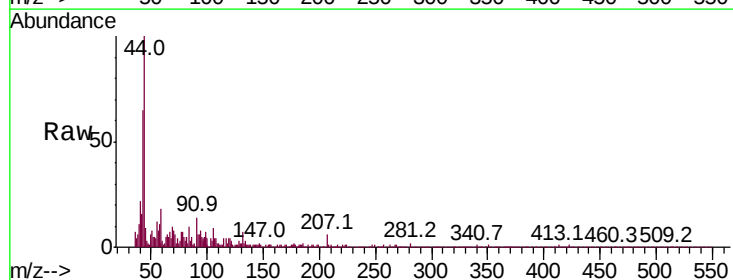
Tgt Ion: 45 Resp: 85

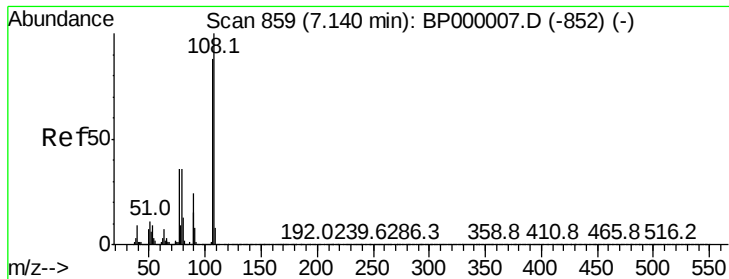
Ion Ratio Lower Upper

45 100

77 81.4 0.0 38.0#

79 50.4 0.0 33.9#





#17

2-Methylphenol

Concen: 0.009 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BP000017.D

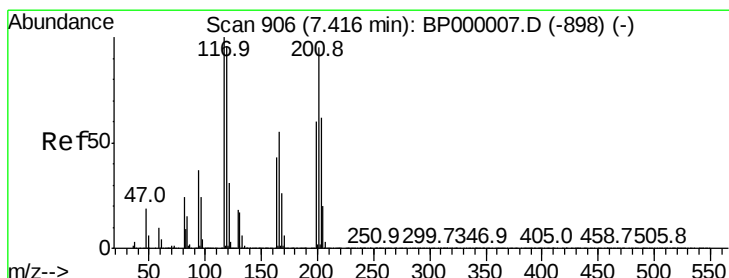
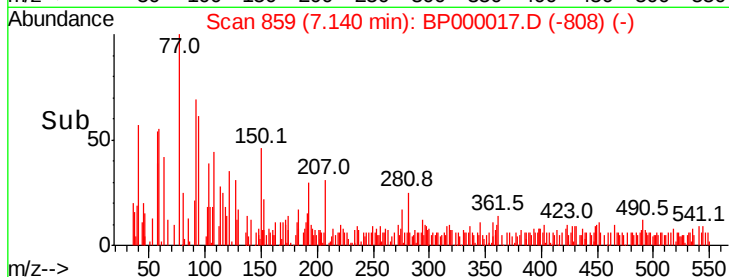
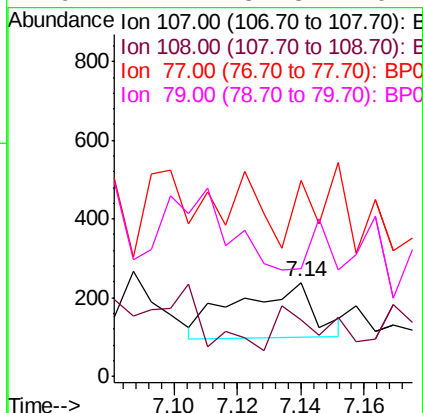
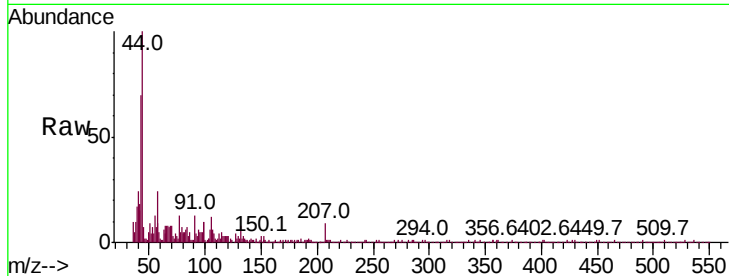
Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 238    |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 59.8  | 90.9  | 136.3# |
| 77       | 208.4 | 33.2  | 49.8#  |
| 79       | 114.2 | 32.8  | 49.2#  |



#18

Hexachloroethane

Concen: 0.011 ng

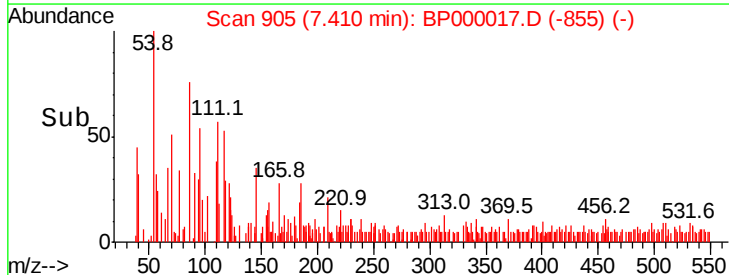
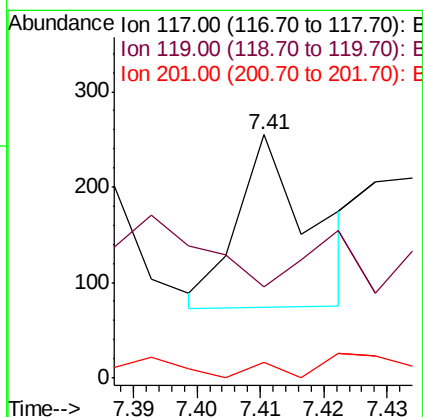
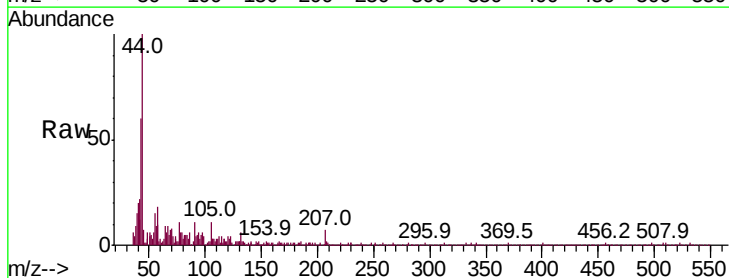
RT: 7.41 min Scan# 905

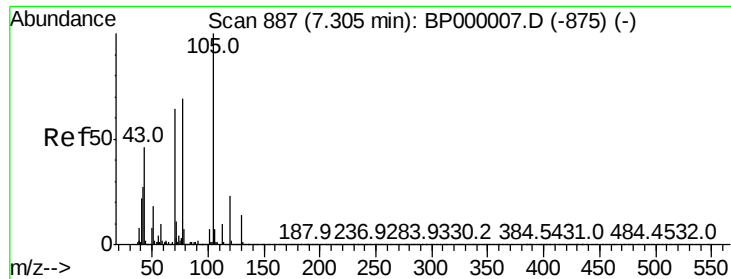
Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 145    |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 37.6  | 77.0  | 115.6# |
| 201      | 6.3   | 76.2  | 114.4# |

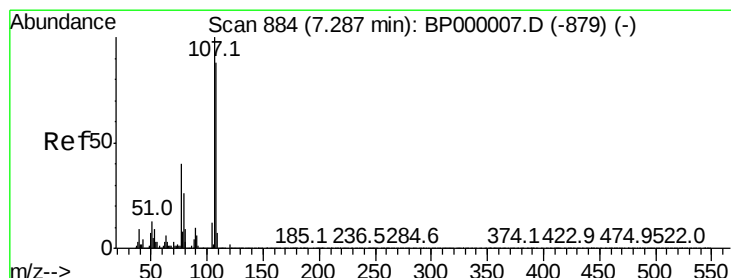
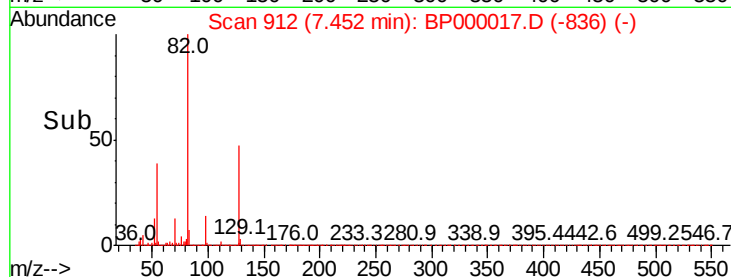
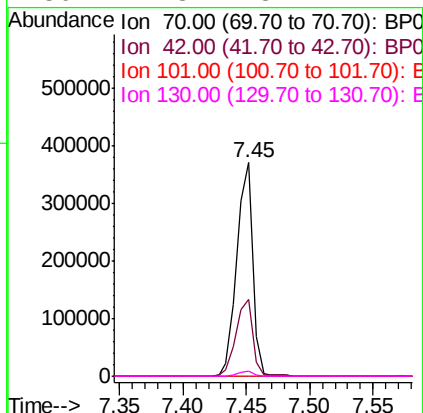
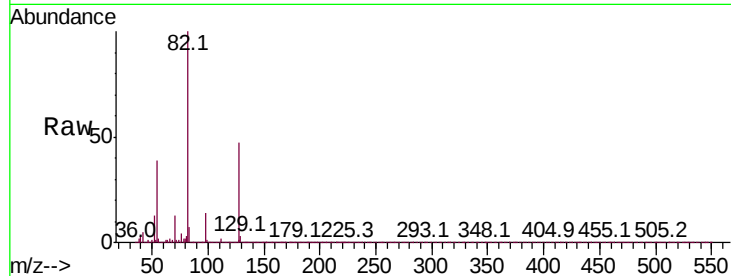




#19  
n-Nitroso-di-n-propylamine  
Concen: 15.253 ng  
RT: 7.45 min Scan# 912  
Delta R.T. 0.15 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

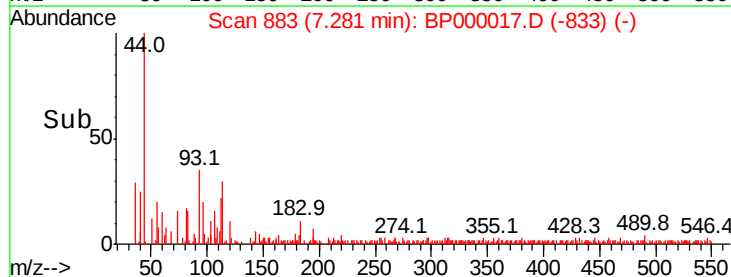
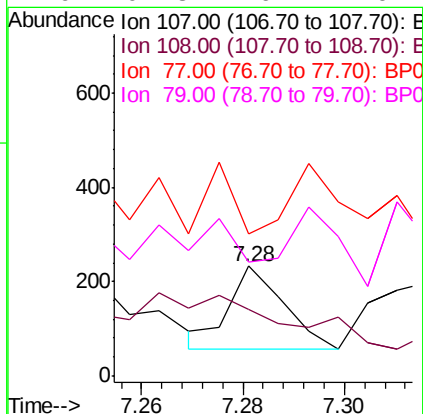
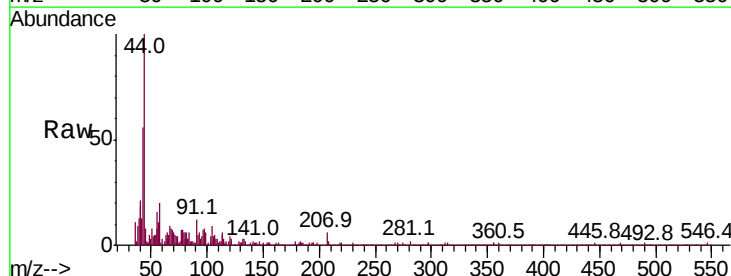
Instrument :  
BNA\_P  
ClientSampled :

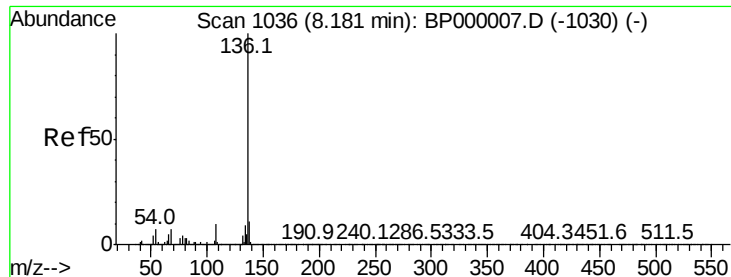
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 318705 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 35.8  | 33.8  | 50.6   |
| 101      | 0.1   | 8.7   | 13.1#  |
| 130      | 2.3   | 18.1  | 27.1#  |



#20  
3+4-Methylphenols  
Concen: 0.004 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 132    |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 61.2  | 68.1  | 108.1# |
| 77       | 129.3 | 19.8  | 59.8#  |
| 79       | 104.3 | 6.1   | 46.1#  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1035

Delta R.T. -0.01 min

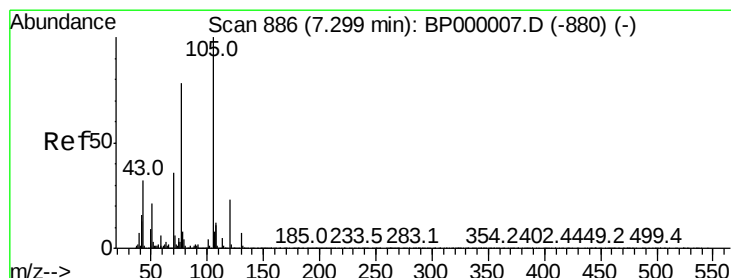
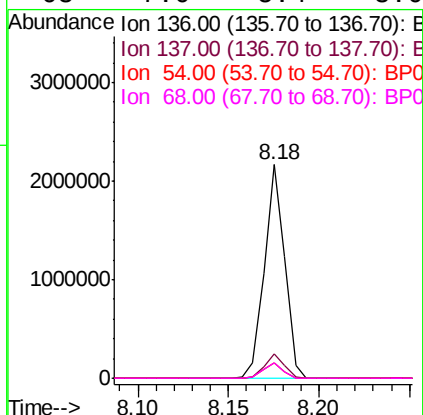
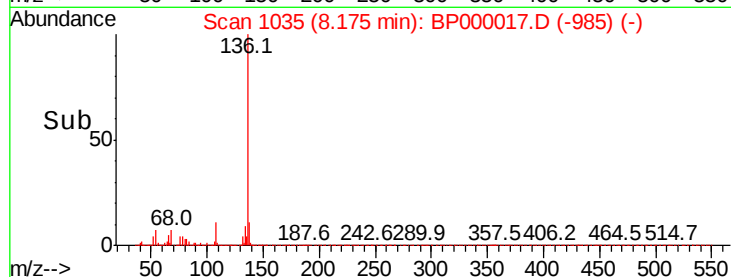
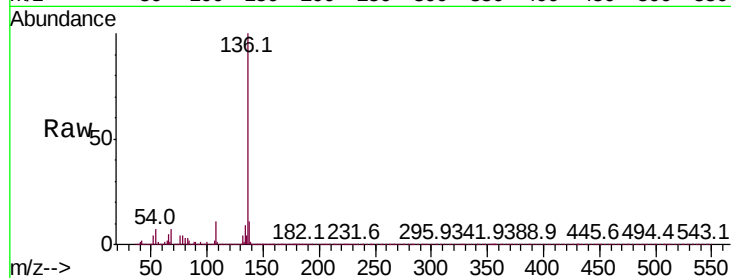
Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:136 Resp: 1685179

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.6   | 13.0  |
| 54  | 7.0   | 5.4   | 8.2   |
| 68  | 7.0   | 5.4   | 8.0   |



#22

Acetophenone

Concen: 0.010 ng

RT: 7.29 min Scan# 884

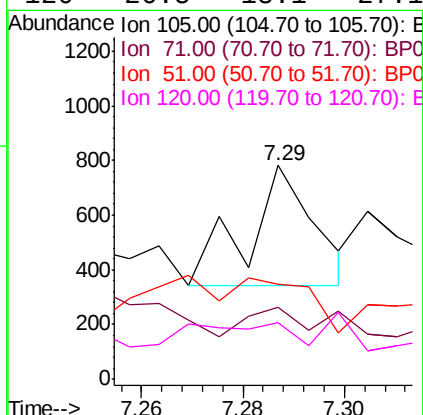
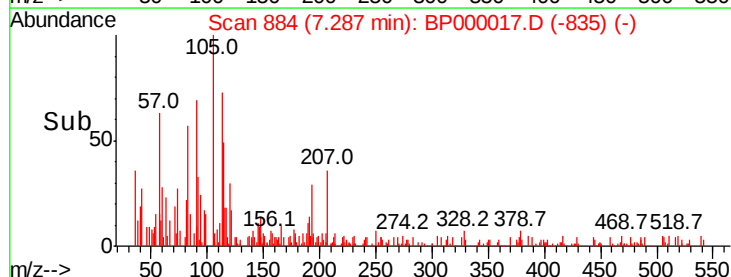
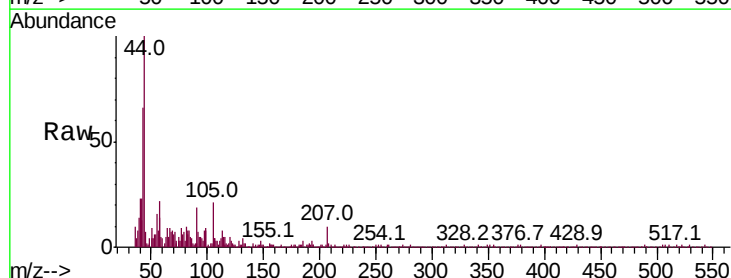
Delta R.T. -0.01 min

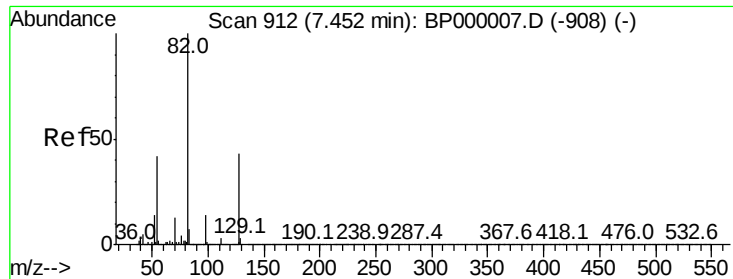
Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Tgt Ion:105 Resp: 397

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 33.4  | 4.8   | 7.2#  |
| 51  | 44.6  | 17.0  | 25.4# |
| 120 | 26.5  | 18.1  | 27.1  |



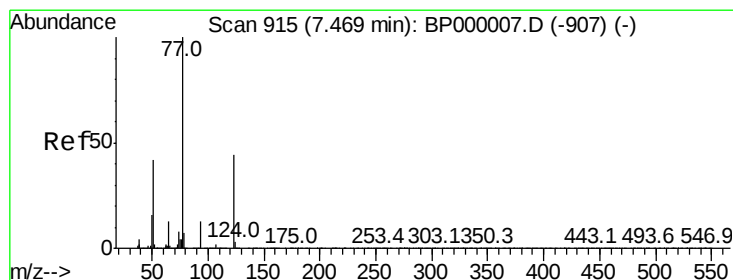
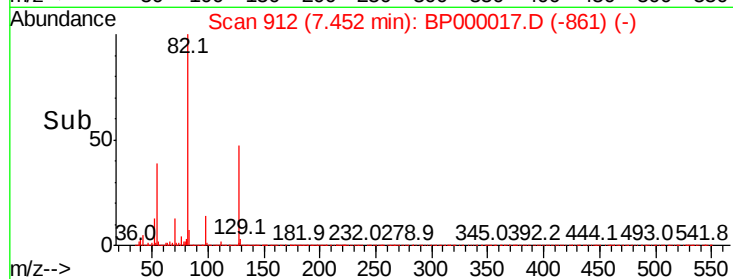
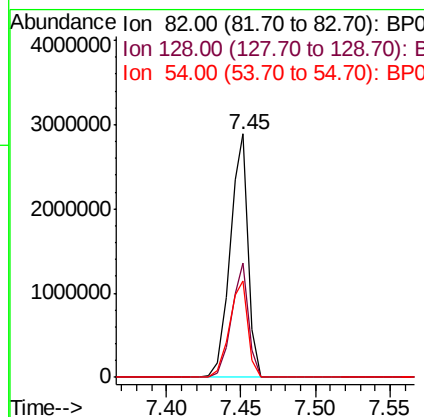
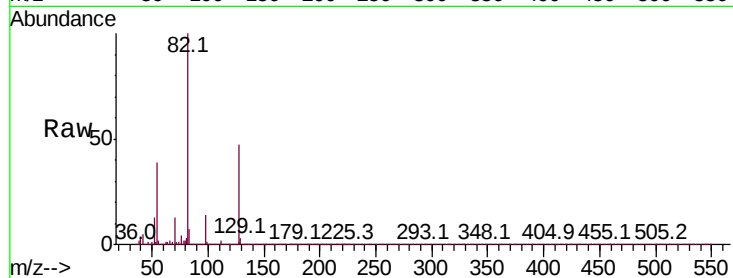


#23  
 Nitrobenzene-d5  
 Concen: 89.423 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. -0.00 min  
 Lab File: BP000017.D  
 Acq: 30 Aug 2019 20:49

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion: 82 Resp: 2455910  

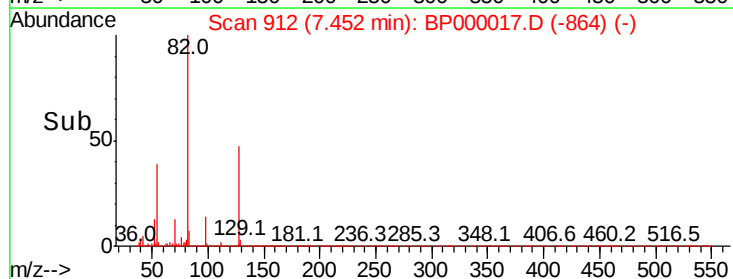
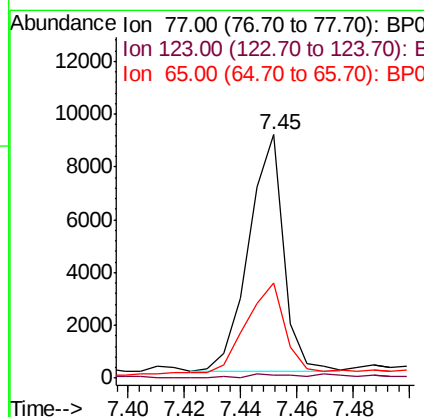
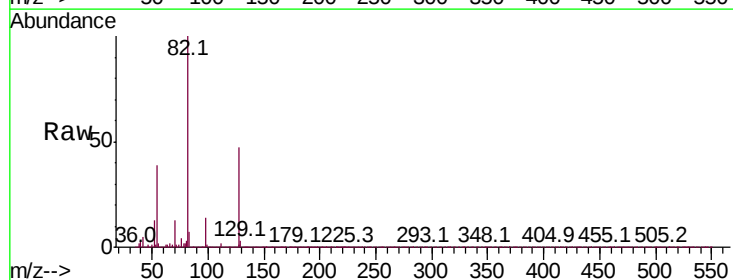
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.1  | 34.5  | 51.7  |
| 54  | 39.4  | 33.2  | 49.8  |

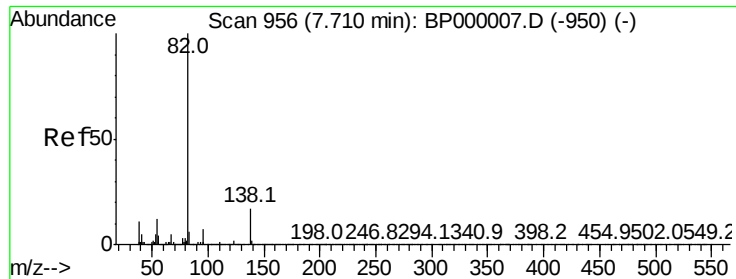


#24  
 Nitrobenzene  
 Concen: 0.262 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. -0.02 min  
 Lab File: BP000017.D  
 Acq: 30 Aug 2019 20:49

Tgt Ion: 77 Resp: 7786  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 1.5   | 35.8  | 53.8# |
| 65  | 39.3  | 10.1  | 15.1# |





#25

Isophorone

Concen: 42.322 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

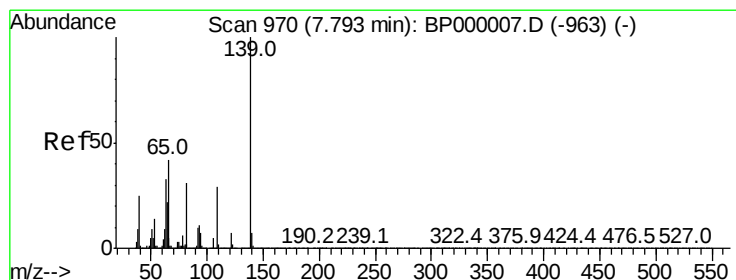
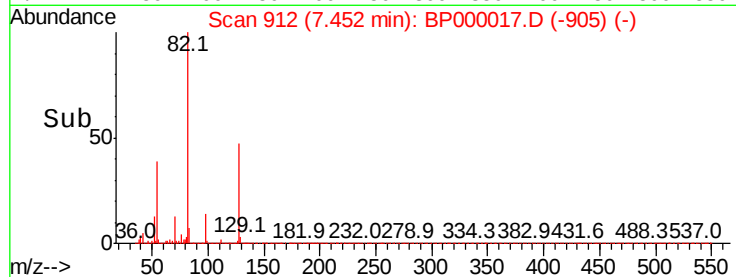
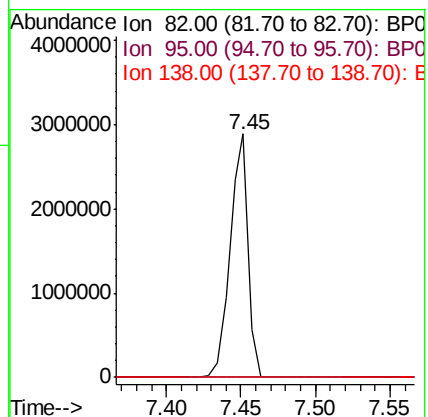
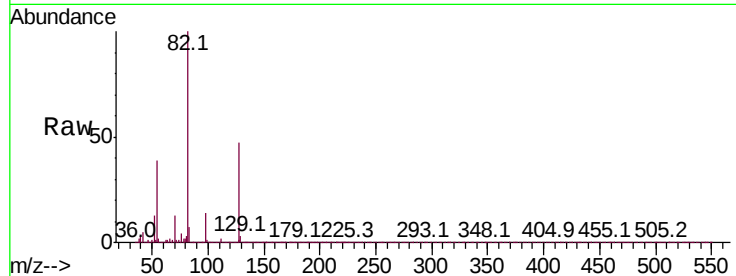
Tot Ion: 82 Resp: 2455910

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.8 20.6#



#26

2-Nitrophenol

Concen: 0.002 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

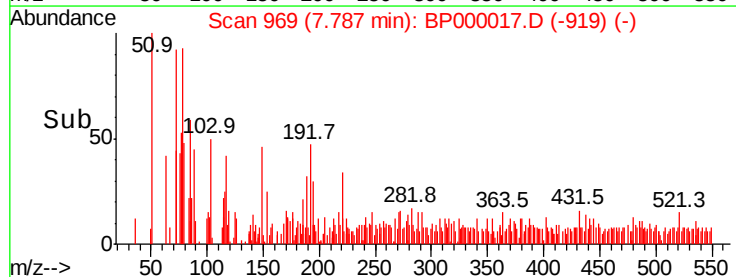
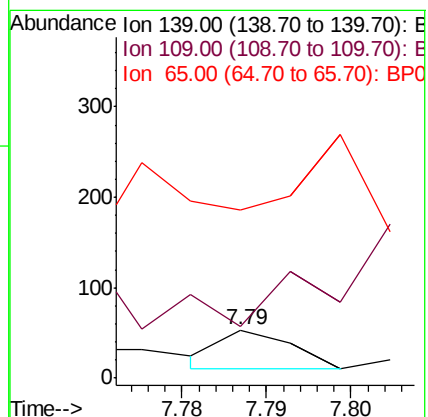
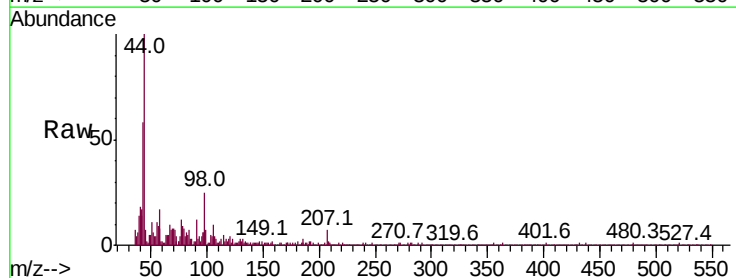
Tgt Ion:139 Resp: 25

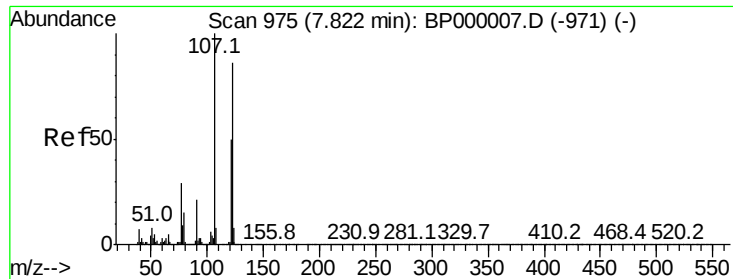
Ion Ratio Lower Upper

139 100

109 107.5 23.4 35.0#

65 350.9 33.4 50.0#

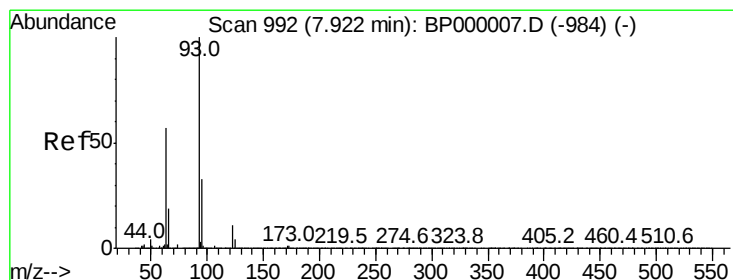
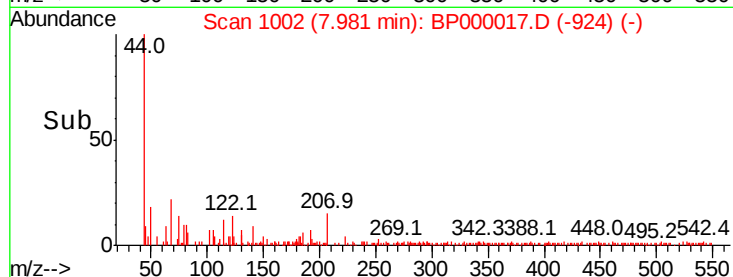
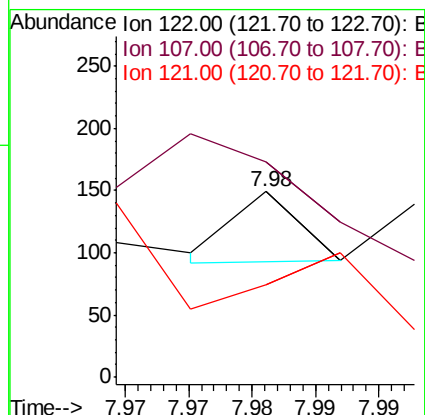
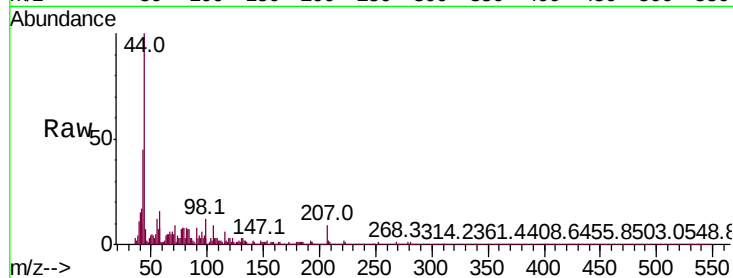




#27  
2,4-Dimethylphenol  
Concen: 0.001 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. 0.16 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

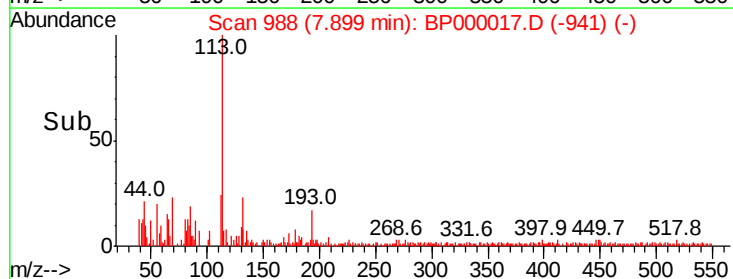
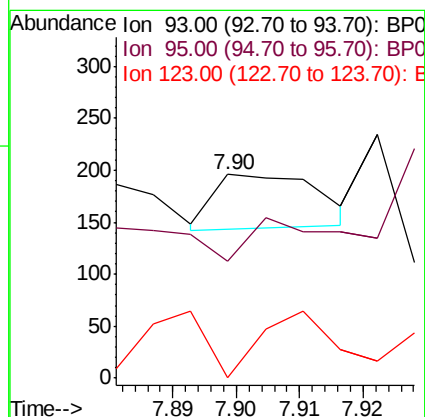
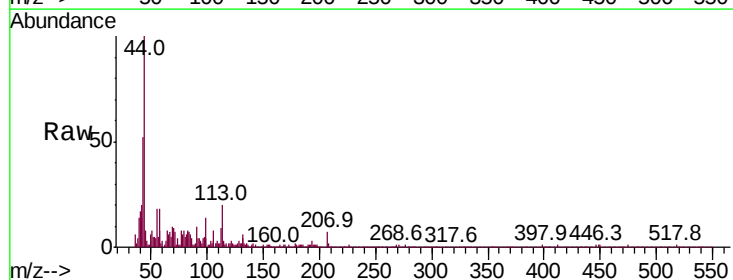
Instrument :  
BNA\_P  
ClientSampled :

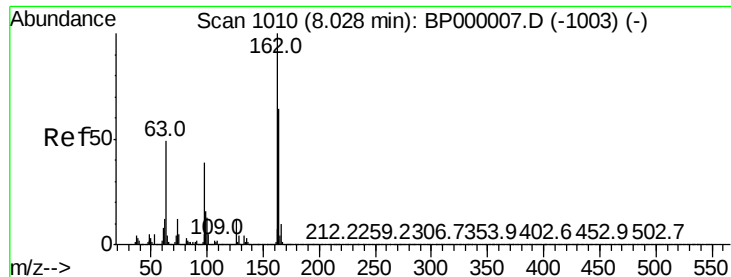
Tot Ion:122 Resp: 20  
Ion Ratio Lower Upper  
122 100  
107 116.1 92.9 139.3  
121 49.7 46.8 70.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 0.002 ng  
RT: 7.90 min Scan# 988  
Delta R.T. -0.02 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion: 93 Resp: 59  
Ion Ratio Lower Upper  
93 100  
95 57.7 26.1 39.1#  
123 0.0 9.0 13.4#





#29

2,4-Dichlorophenol

Concen: 0.002 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

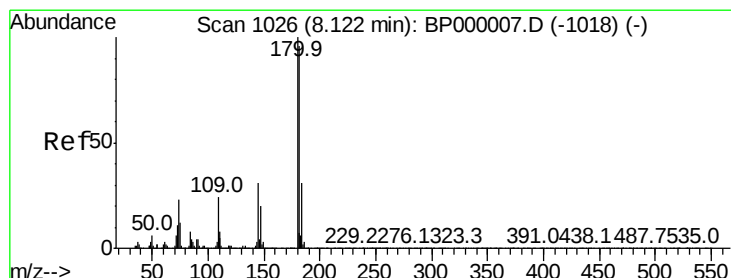
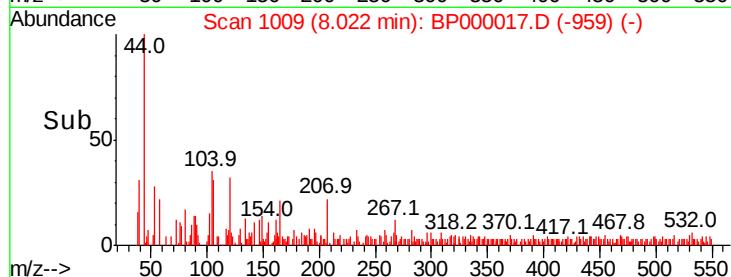
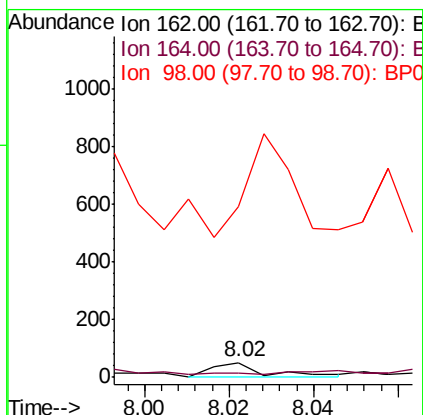
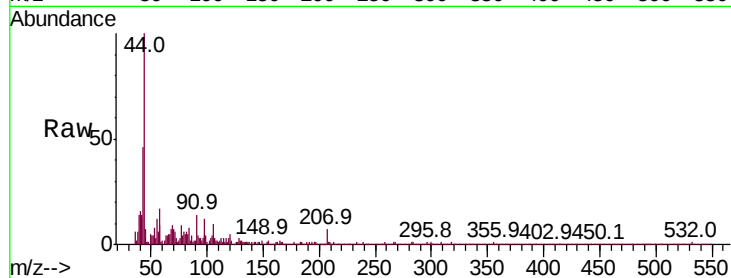
Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:162 Resp: 50

| Ion | Ratio  | Lower | Upper |
|-----|--------|-------|-------|
| 162 | 100    |       |       |
| 164 | 30.8   | 44.2  | 84.2# |
| 98  | 1138.5 | 18.7  | 58.7# |



#30

1,2,4-Trichlorobenzene

Concen: 0.001 ng

RT: 8.13 min Scan# 1028

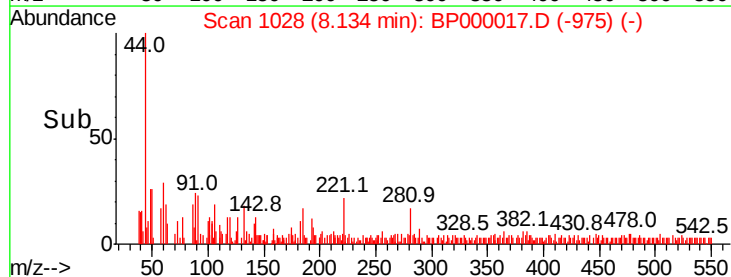
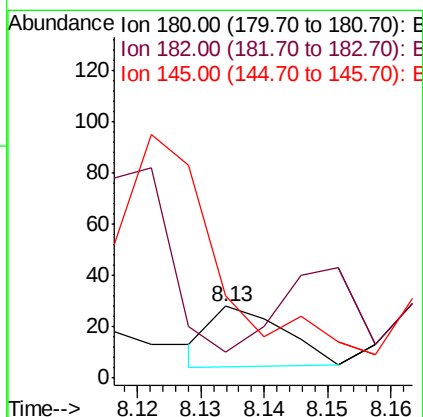
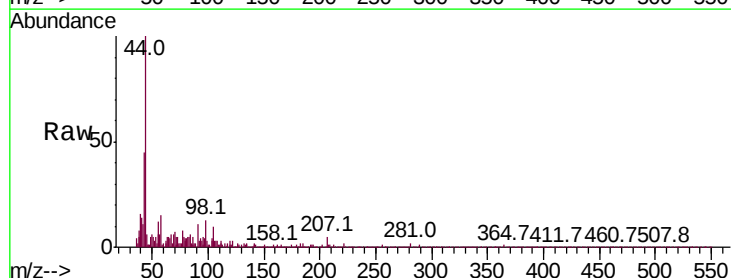
Delta R.T. 0.01 min

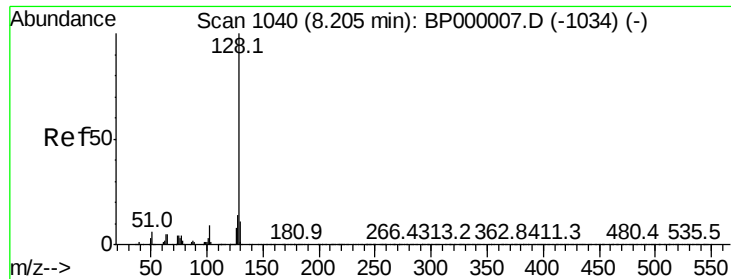
Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Tgt Ion:180 Resp: 19

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 180 | 100   |       |        |
| 182 | 35.7  | 76.7  | 115.1# |
| 145 | 114.3 | 24.8  | 37.2#  |

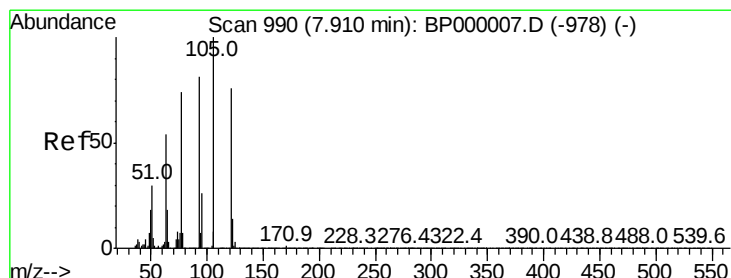
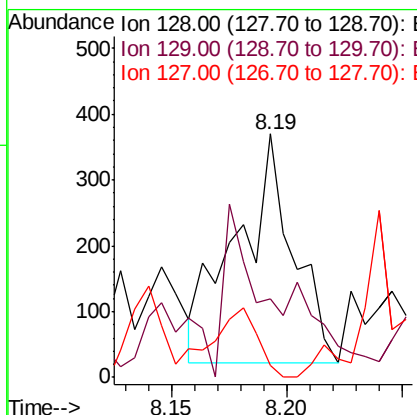
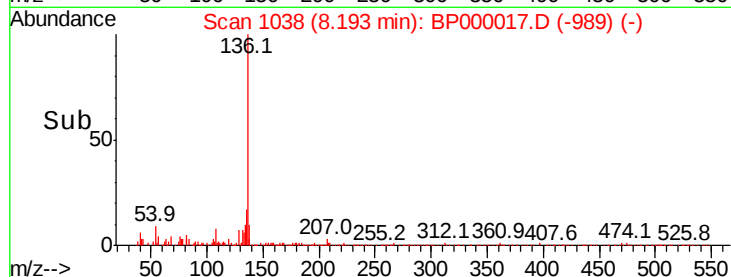
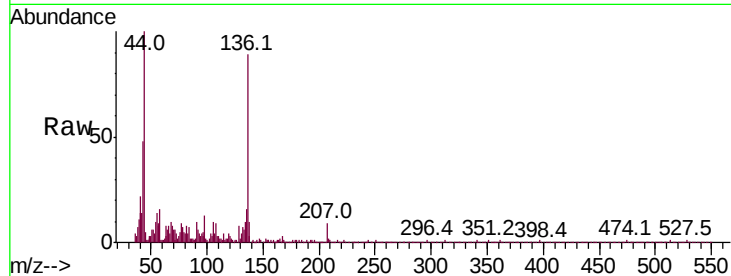




#31  
Naphthalene  
Concen: 0.008 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

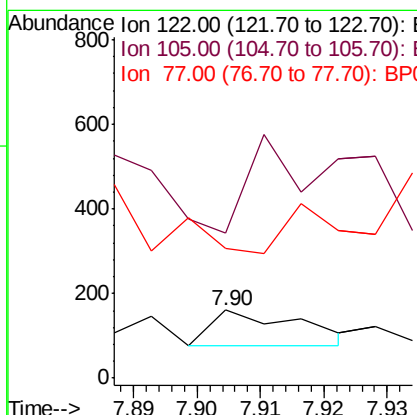
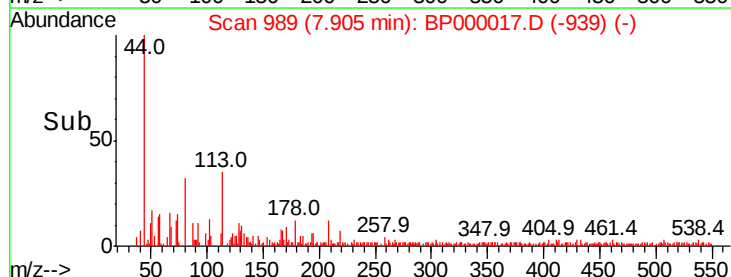
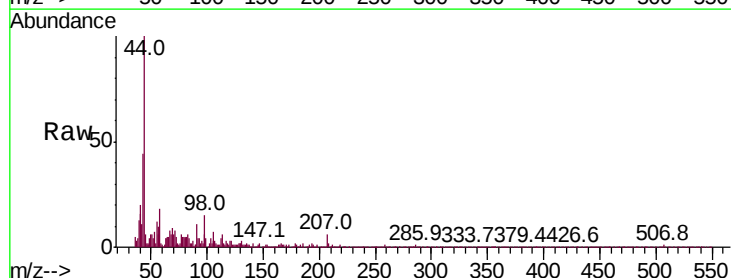
Instrument :  
BNA\_P  
ClientSampled :

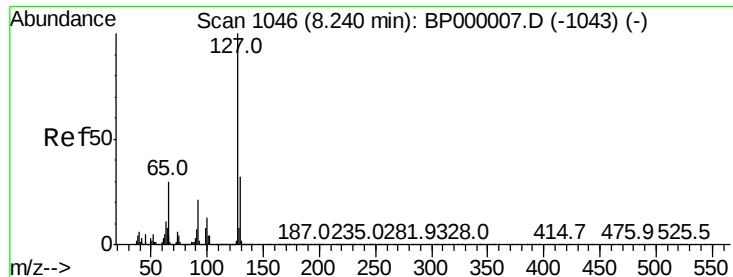
Tot Ion:128 Resp: 593  
Ion Ratio Lower Upper  
128 100  
129 32.2 9.0 13.6#  
127 5.1 11.0 16.6#



#32  
Benzoic acid  
Concen: 8.066 ng  
RT: 7.90 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion:122 Resp: 81  
Ion Ratio Lower Upper  
122 100  
105 213.0 104.6 144.6#  
77 190.1 74.1 114.1#

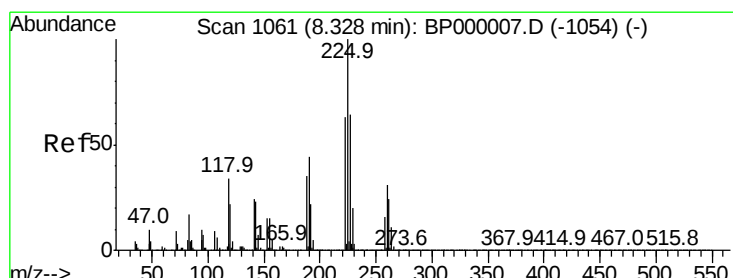
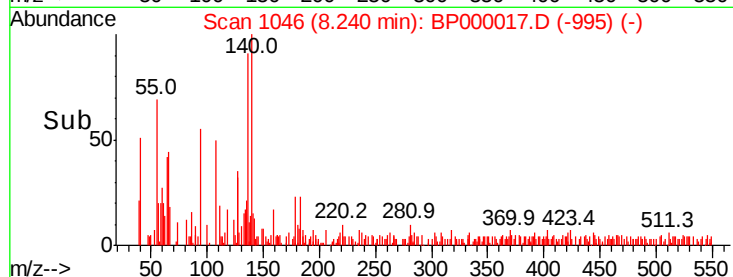
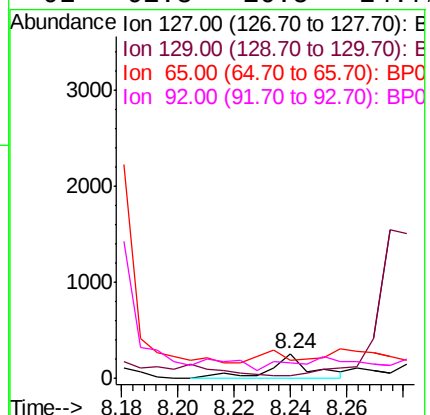
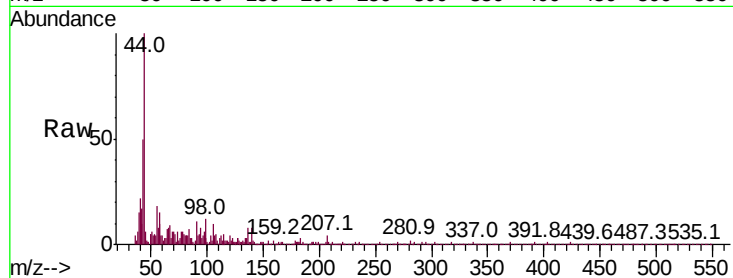




#33  
4-Chloroaniline  
Concen: 0.007 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

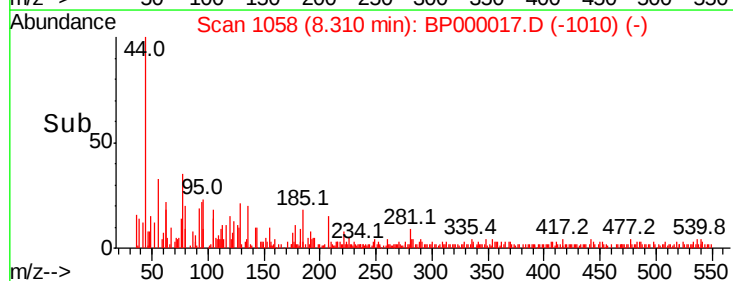
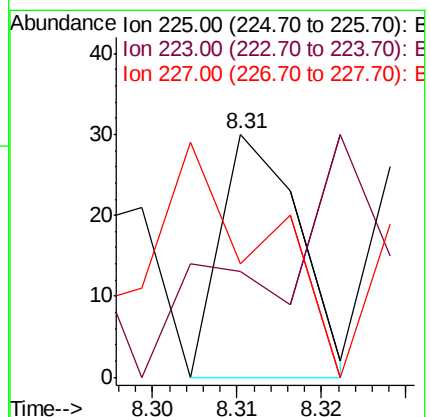
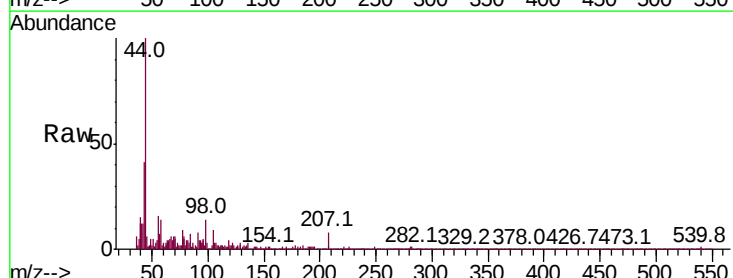
Instrument :  
BNA\_P  
ClientSampleId :

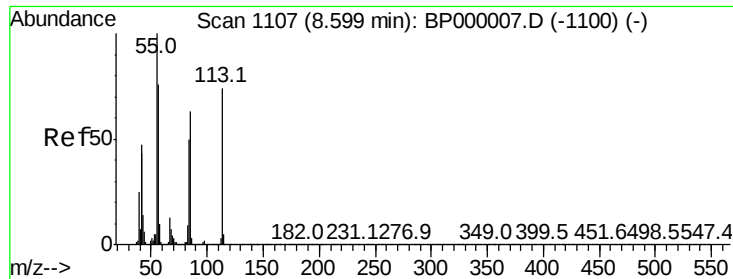
|             |       |       |
|-------------|-------|-------|
| Tot Ion:127 | Resp: | 248   |
| Ion Ratio   | Lower | Upper |
| 127 100     |       |       |
| 129 9.4     | 25.8  | 38.6# |
| 65 74.4     | 24.2  | 36.2# |
| 92 61.8     | 16.5  | 24.7# |



#34  
Hexachlorobutadiene  
Concen: 0.001 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. -0.02 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:225 | Resp: | 19    |
| Ion Ratio   | Lower | Upper |
| 225 100     |       |       |
| 223 96.7    | 50.6  | 76.0# |
| 227 46.7    | 51.0  | 76.4# |





#35

Caprolactam

Concen: 0.003 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

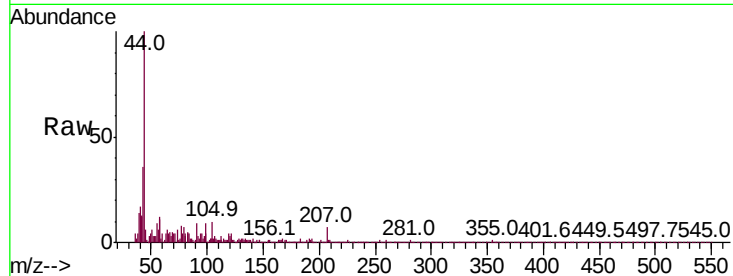
Tot Ion:113 Resp: 29

Ion Ratio Lower Upper

113 100

55 836.7 114.6 154.6#

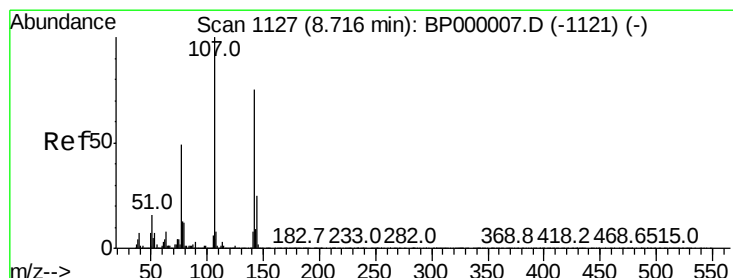
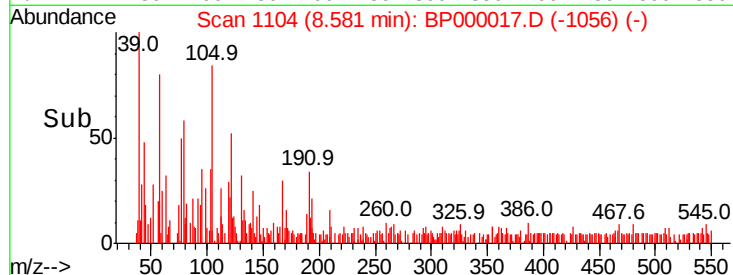
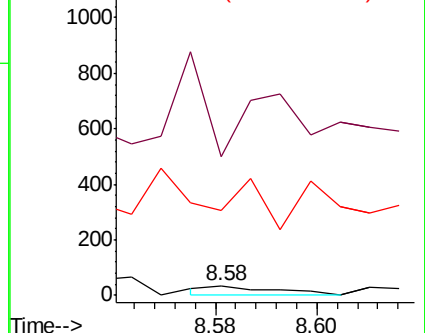
56 510.0 82.1 122.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 0.003 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

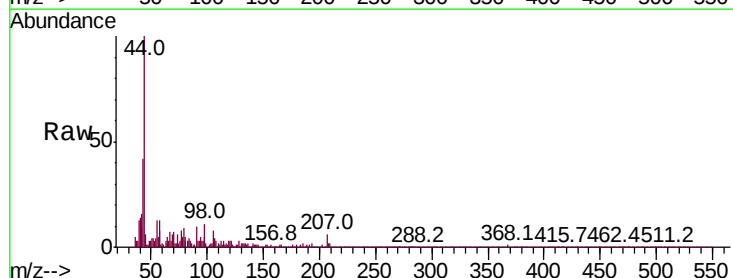
Tgt Ion:107 Resp: 86

Ion Ratio Lower Upper

107 100

144 31.3 19.8 29.6#

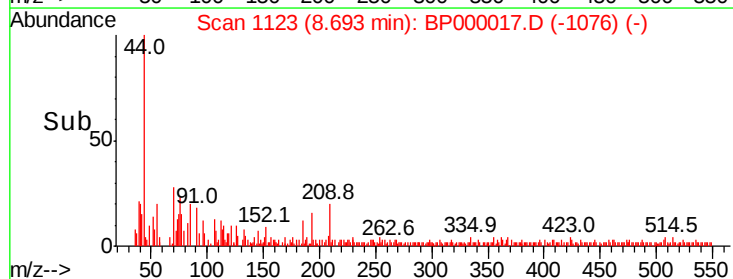
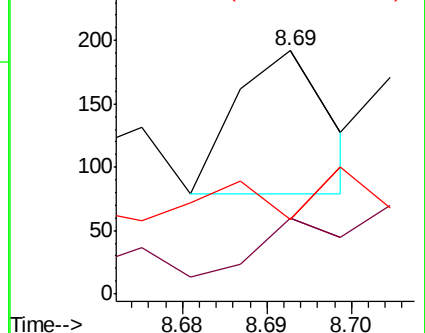
142 30.7 60.4 90.6#

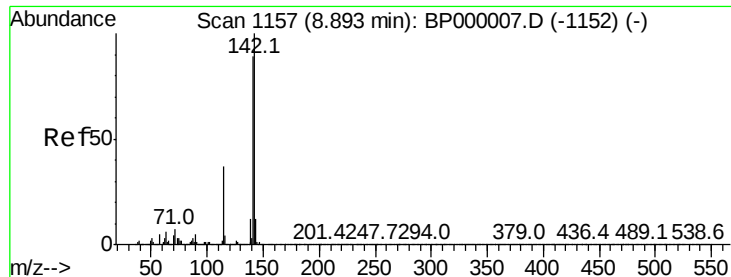


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.004 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

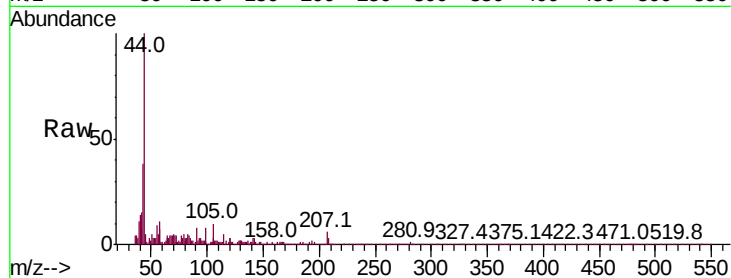
Tot Ion:142 Resp: 199

Ion Ratio Lower Upper

142 100

141 82.6 71.0 106.4

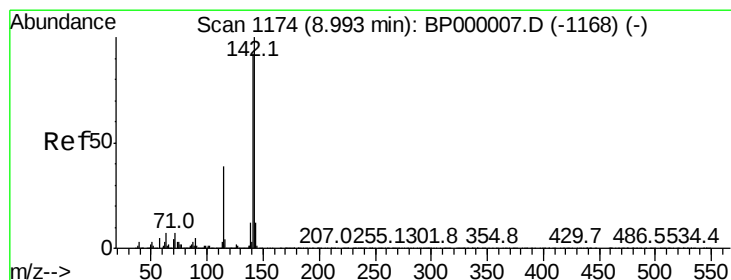
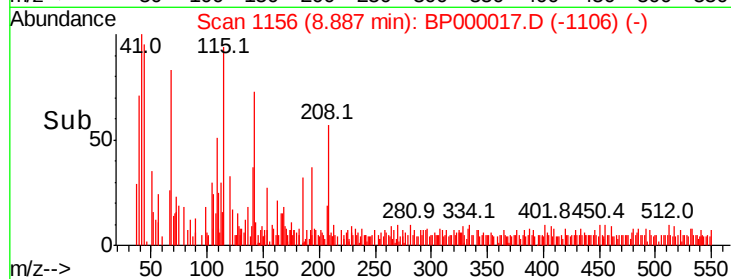
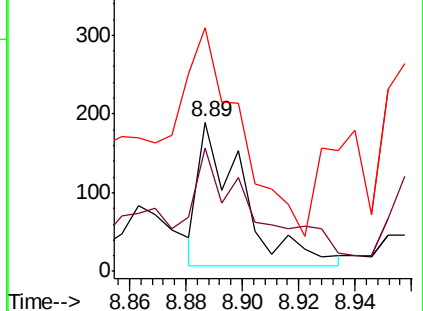
115 162.6 29.4 44.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.003 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

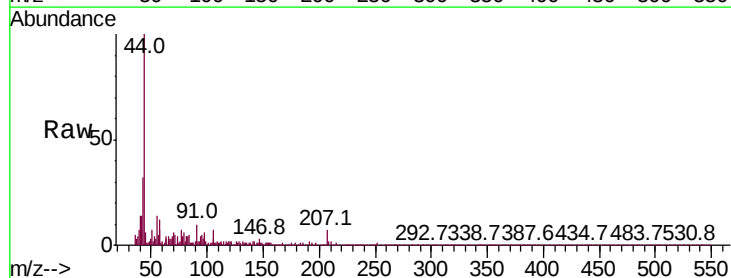
Tgt Ion:142 Resp: 143

Ion Ratio Lower Upper

142 100

141 114.8 73.6 110.4#

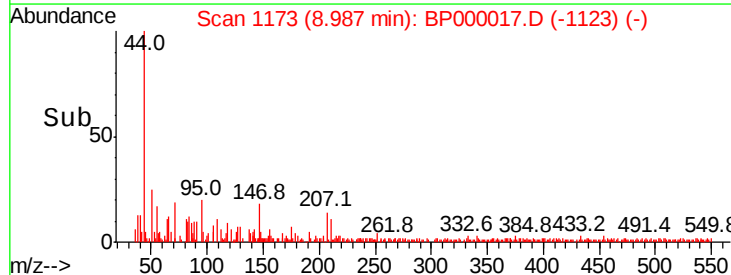
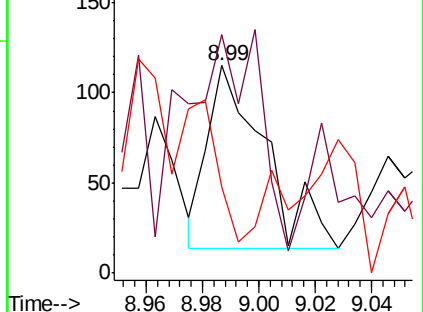
116 41.7 3.4 5.0#

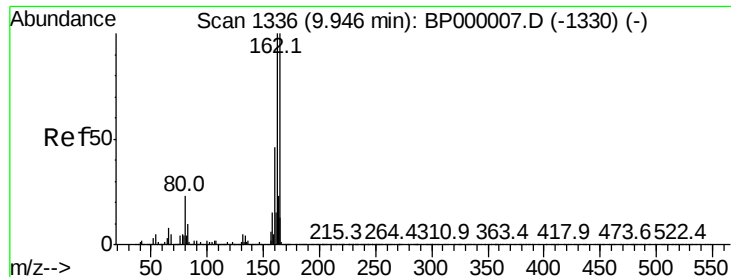


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

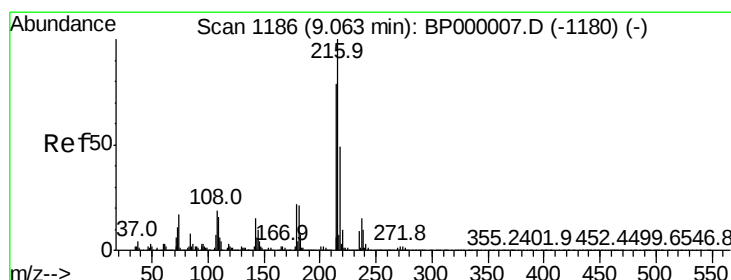
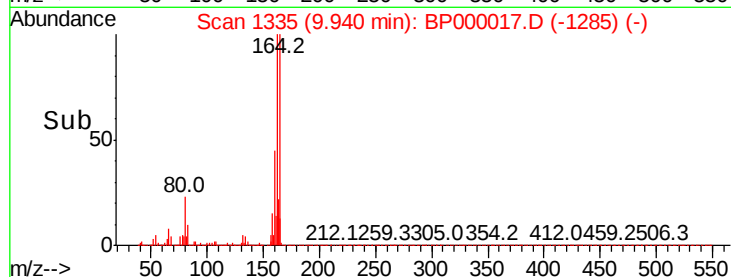
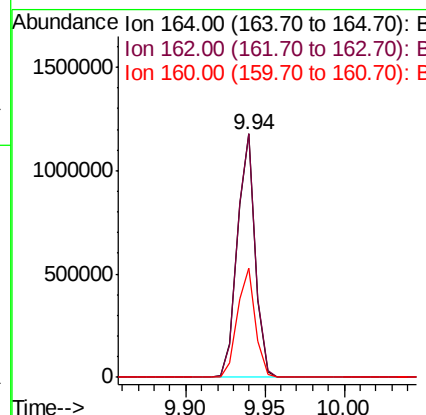
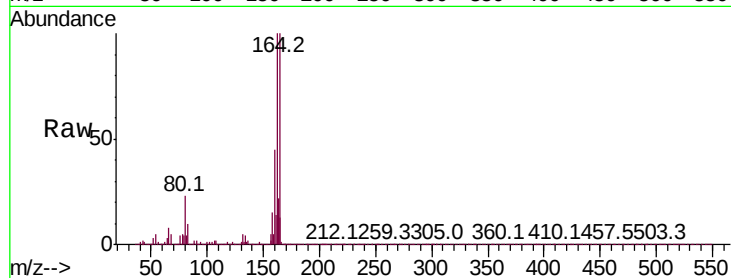
Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.9  | 80.2  | 120.4 |
| 160     | 45.0  | 36.6  | 55.0  |



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.002 ng

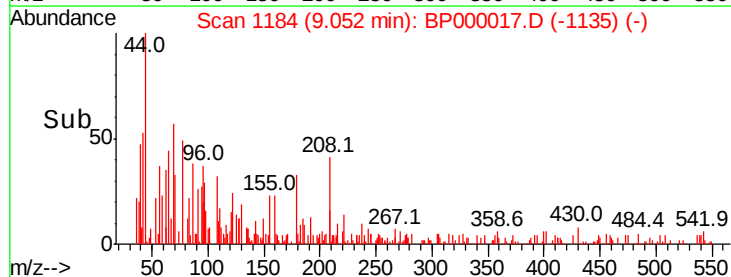
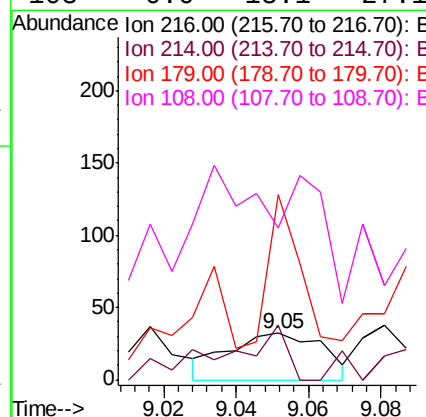
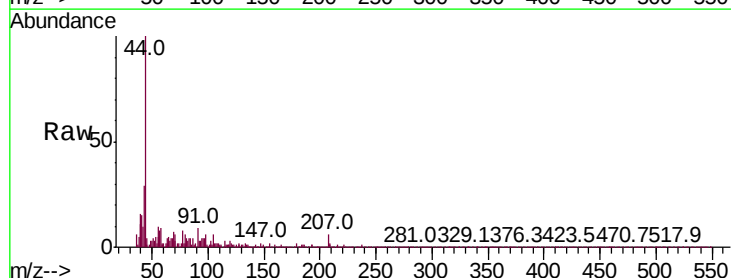
RT: 9.05 min Scan# 1184

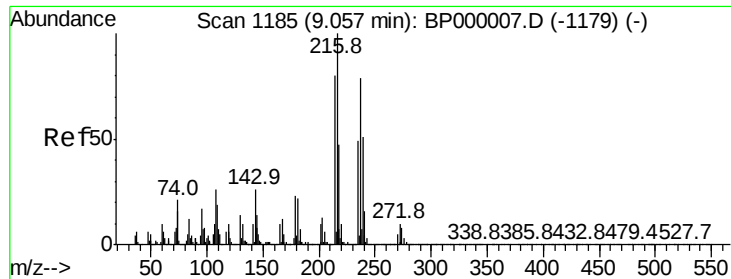
Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.3  | 63.4  | 95.2  |
| 179     | 143.1 | 17.8  | 26.6# |
| 108     | 0.0   | 18.1  | 27.1# |

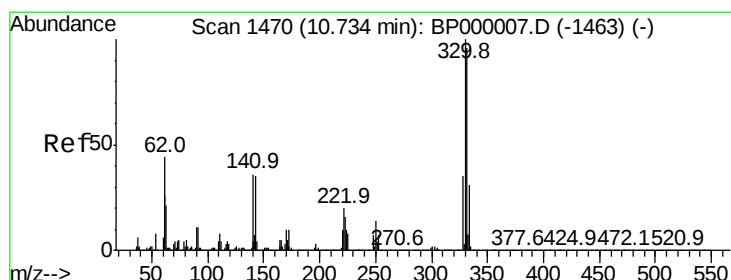
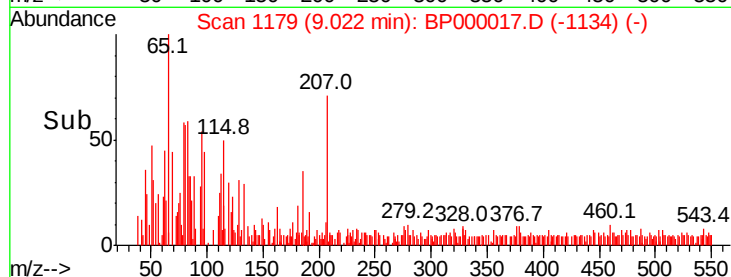
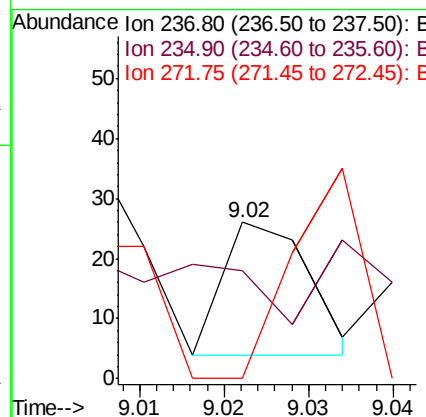
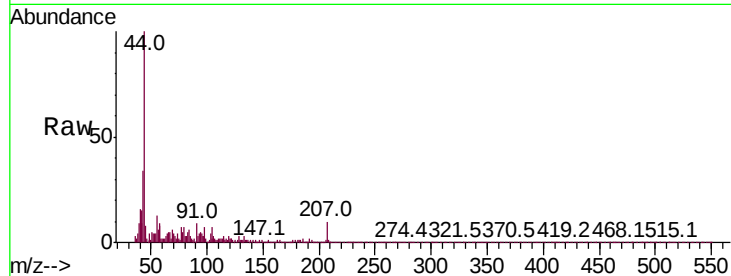




#41  
Hexachlorocyclopentadiene  
Concen: 0.001 ng  
RT: 9.02 min Scan# 1179  
Delta R.T. -0.04 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

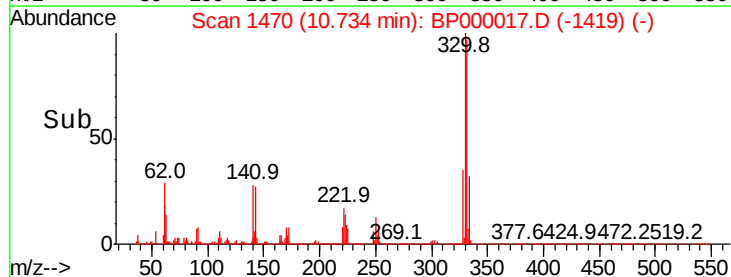
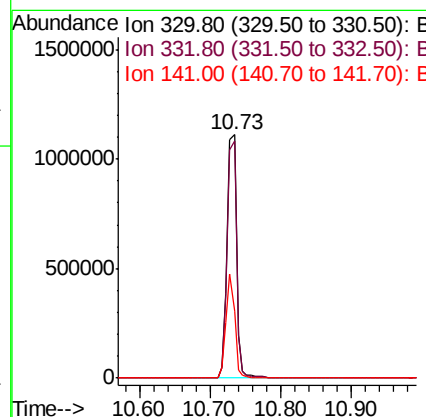
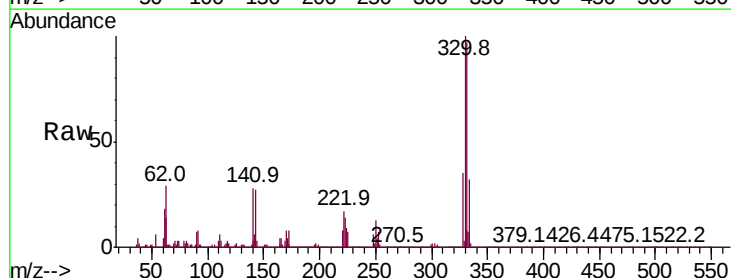
Instrument :  
BNA\_P  
ClientSampled :

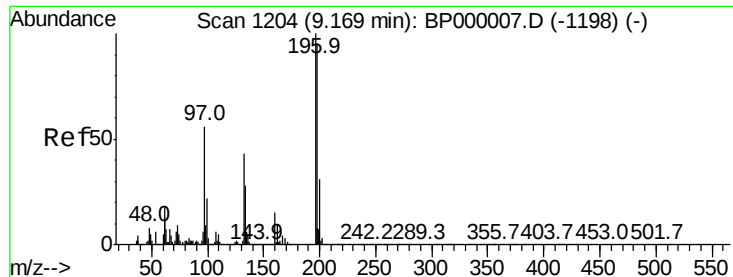
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 69.2  | 42.0  | 82.0  |
| 272     | 0.0   | 0.0   | 33.1  |



#42  
2,4,6-Tribromophenol  
Concen: 135.406 ng  
RT: 10.73 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 76.8  | 115.2 |
| 141     | 39.6  | 33.6  | 50.4  |

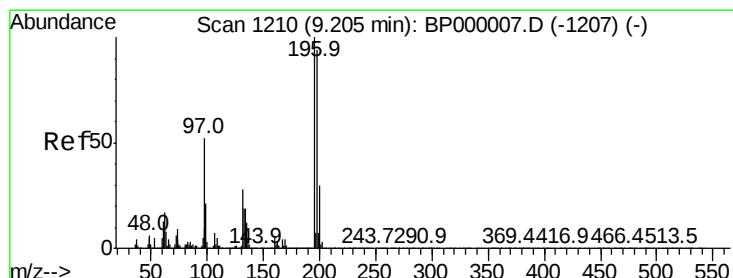
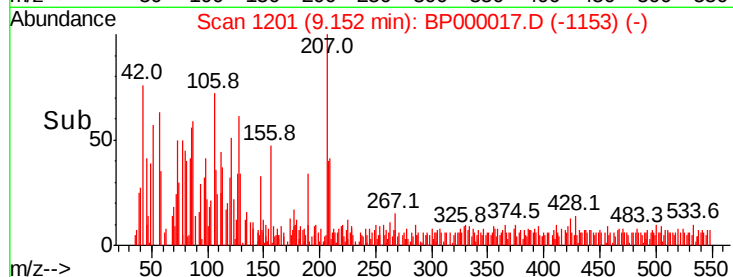
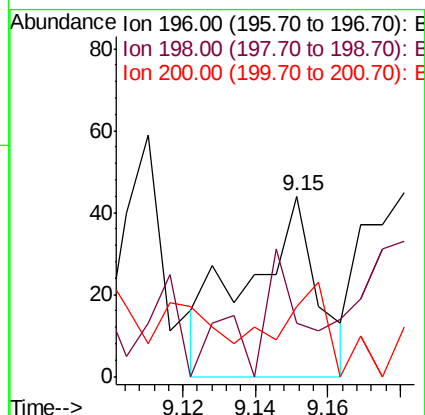
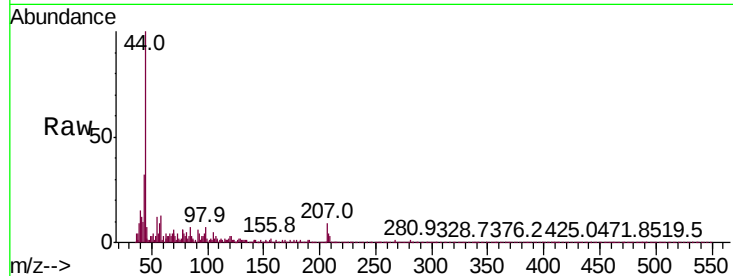




#43  
2,4,6-Trichlorophenol  
Concen: 0.003 ng  
RT: 9.15 min Scan# 1201  
Delta R.T. -0.02 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

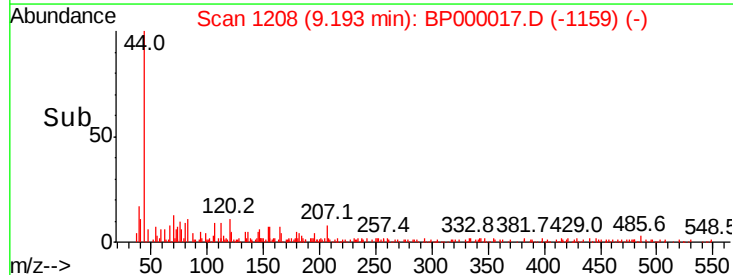
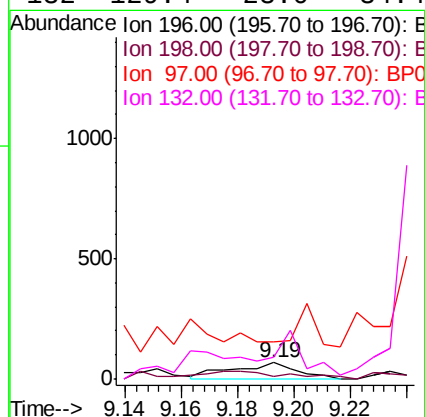
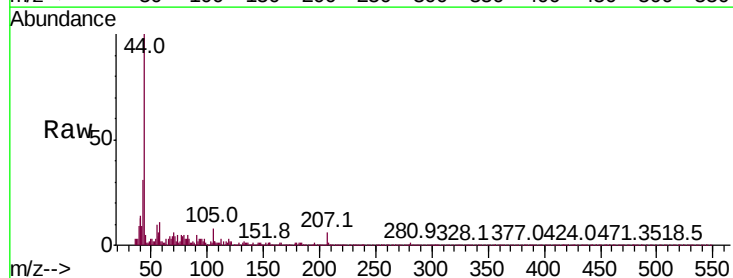
Instrument :  
BNA\_P  
ClientSampleId :

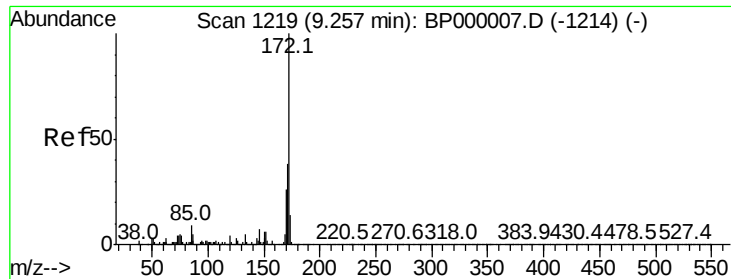
Tot Ion:196 Resp: 60  
Ion Ratio Lower Upper  
196 100  
198 29.5 76.2 114.2#  
200 38.6 25.0 37.4#



#44  
2,4,5-Trichlorophenol  
Concen: 0.006 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion:196 Resp: 112  
Ion Ratio Lower Upper  
196 100  
198 14.7 74.9 112.3#  
97 226.5 42.2 63.2#  
132 129.4 23.0 34.4#

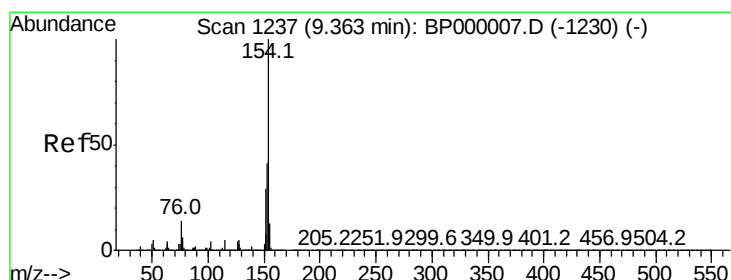
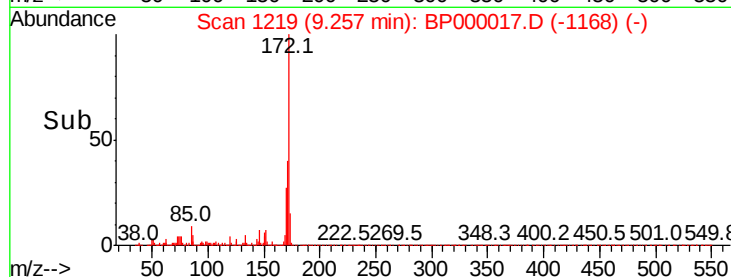
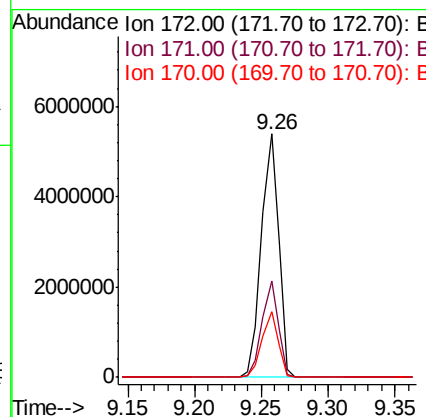
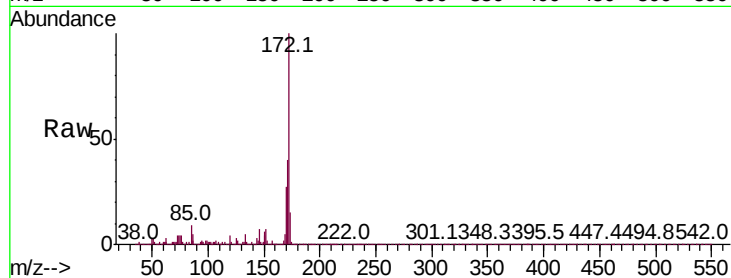




#45  
2-Fluorobiphenyl  
Concen: 86.365 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

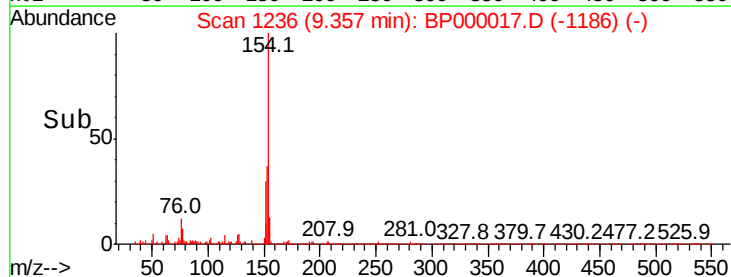
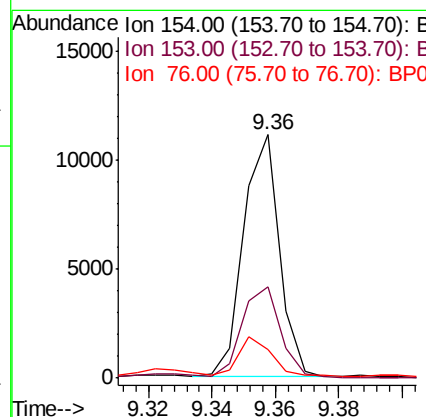
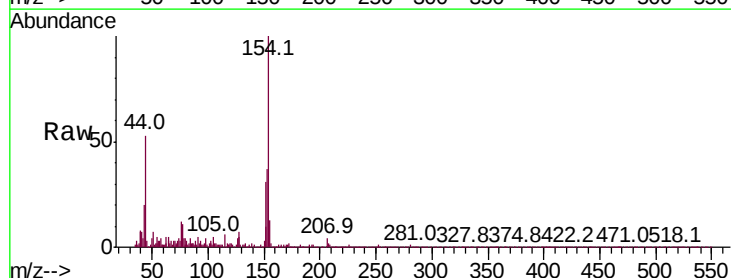
Instrument :  
BNA\_P  
ClientSampleId :

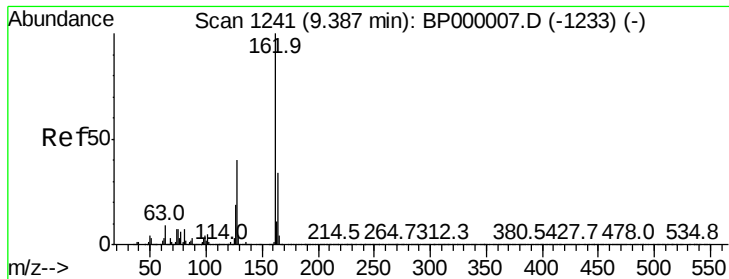
Tot Ion:172 Resp: 4726483  
Ion Ratio Lower Upper  
172 100  
171 39.7 30.7 46.1  
170 27.2 20.7 31.1



#46  
1,1'-Biphenyl  
Concen: 0.135 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion:154 Resp: 8702  
Ion Ratio Lower Upper  
154 100  
153 37.5 21.1 61.1  
76 12.0 0.0 33.7

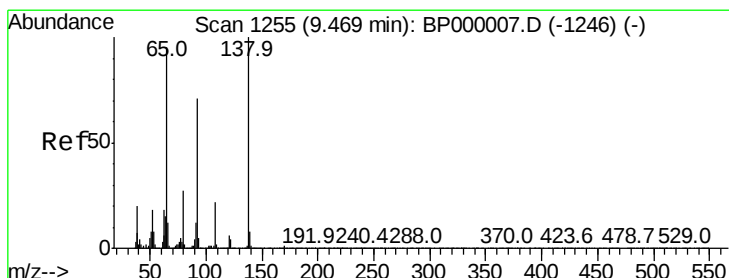
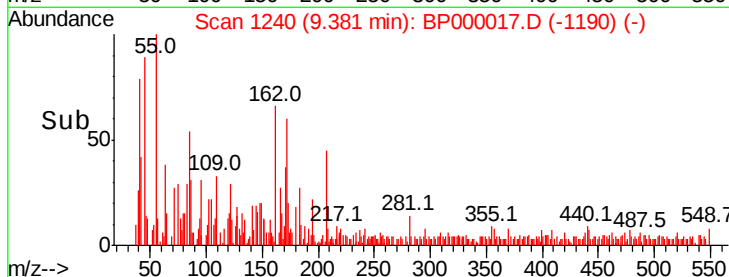
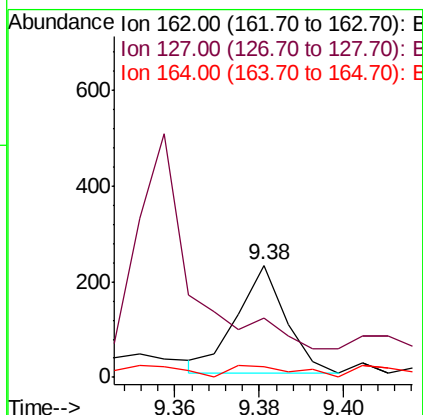
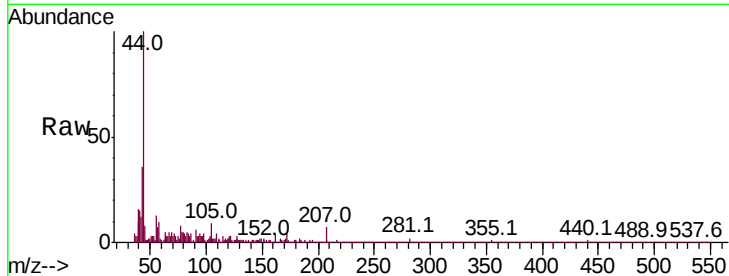




#47  
2-Chloronaphthalene  
Concen: 0.003 ng  
RT: 9.38 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

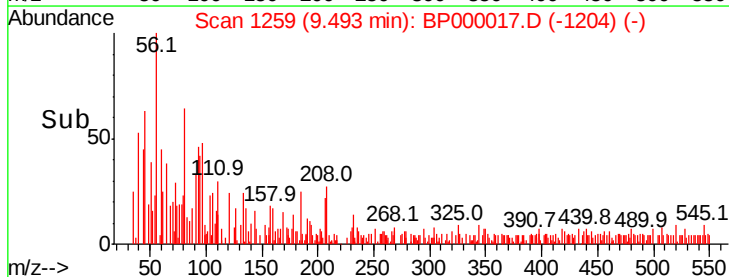
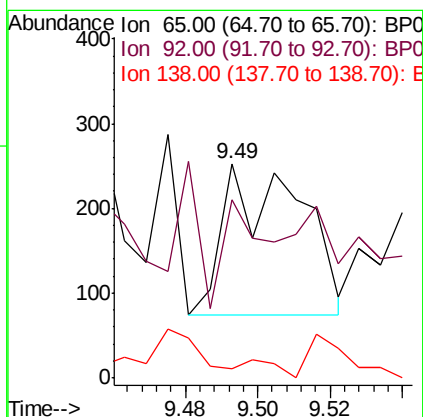
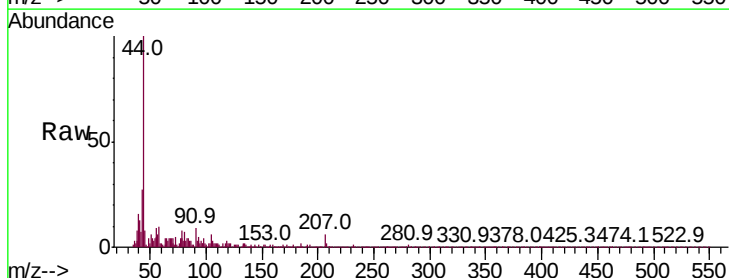
Instrument :  
BNA\_P  
ClientSampleId :

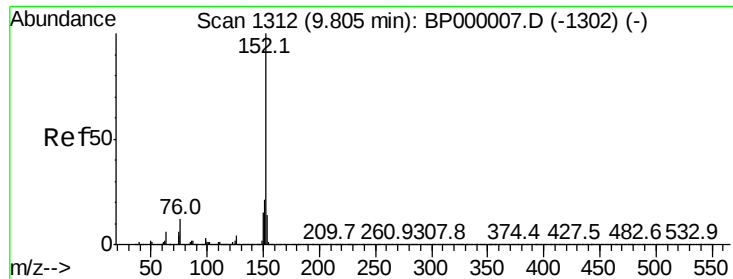
Tot Ion:162 Resp: 184  
Ion Ratio Lower Upper  
162 100  
127 53.0 32.2 48.4#  
164 9.8 26.9 40.3#



#48  
2-Nitroaniline  
Concen: 0.018 ng  
RT: 9.49 min Scan# 1259  
Delta R.T. 0.02 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion: 65 Resp: 265  
Ion Ratio Lower Upper  
65 100  
92 83.0 60.3 90.5  
138 9.1 84.5 126.7#





#49

Acenaphthylene

Concen: 0.006 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BP000017.D

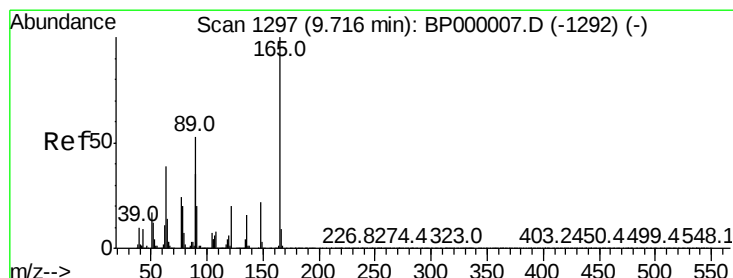
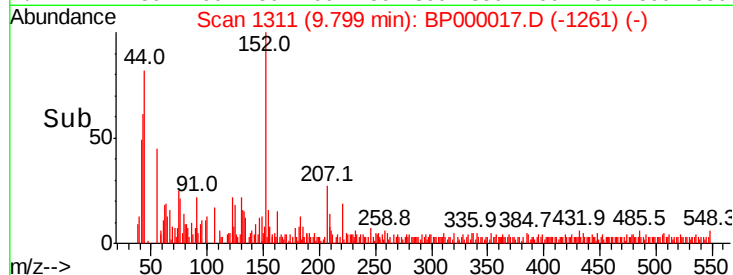
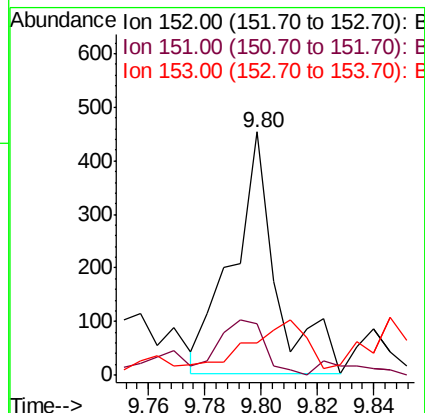
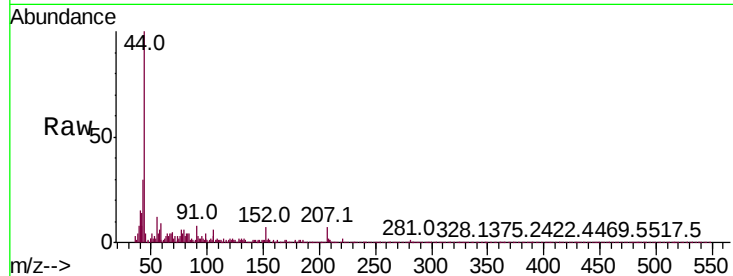
Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 482   |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.4  | 17.0  | 25.6  |
| 153      | 13.2  | 11.0  | 16.6  |



#51

2,6-Dinitrotoluene

Concen: 8.987 ng

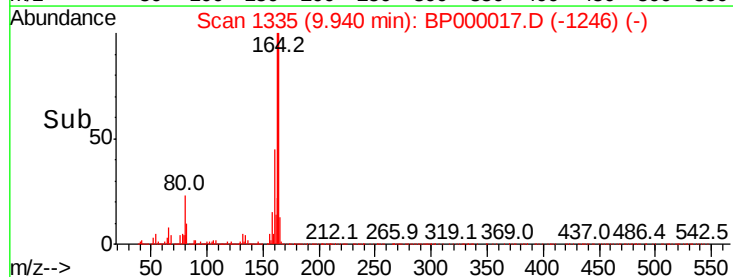
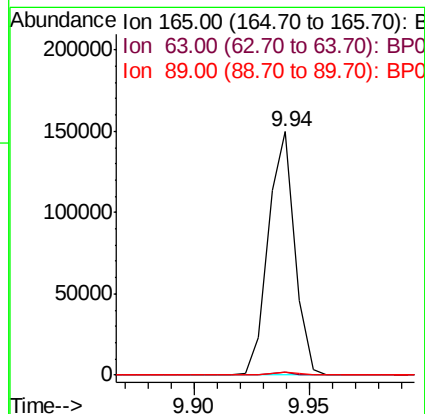
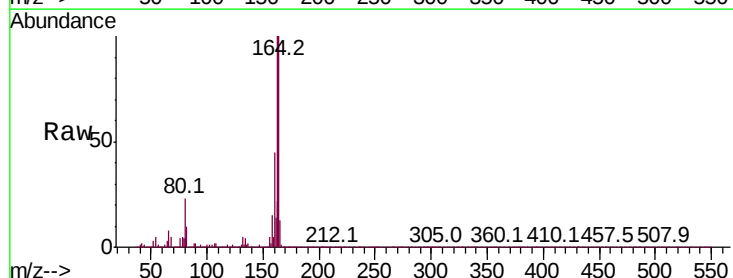
RT: 9.94 min Scan# 1335

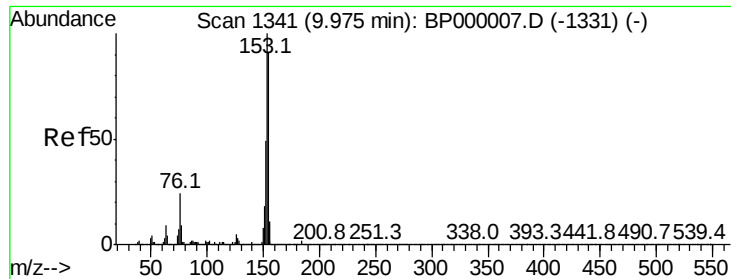
Delta R.T. 0.22 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 118798 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 1.1   | 35.8  | 53.6#  |
| 89       | 1.4   | 42.2  | 63.4#  |





#52

Acenaphthene

Concen: 0.008 ng

RT: 9.98 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

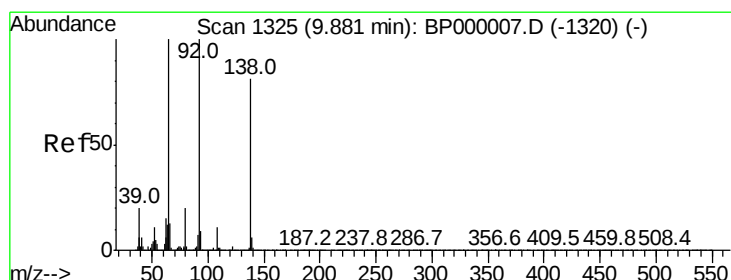
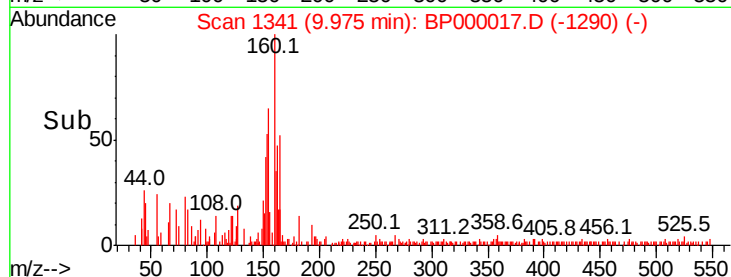
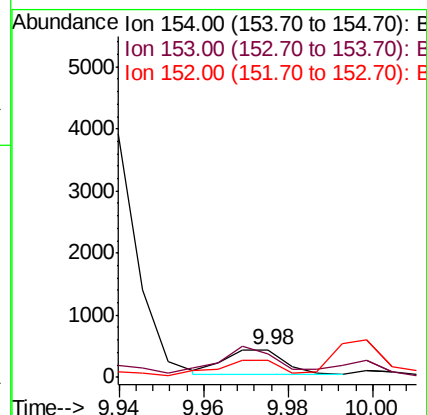
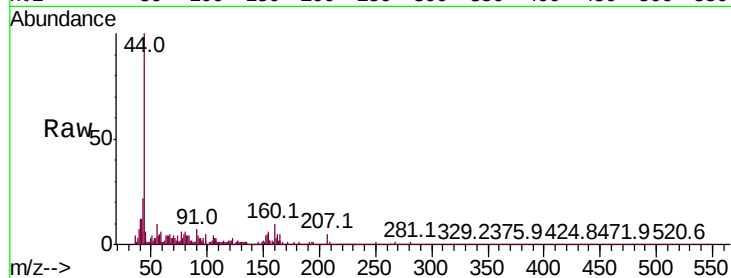
Tot Ion:154 Resp: 399

Ion Ratio Lower Upper

154 100

153 83.3 88.2 132.2#

152 63.0 42.9 64.3



#53

3-Nitroaniline

Concen: 0.006 ng

RT: 9.88 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

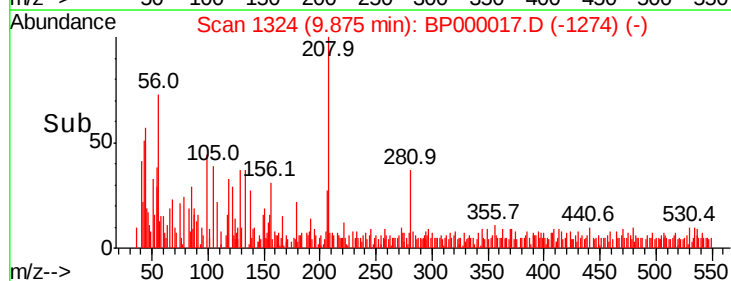
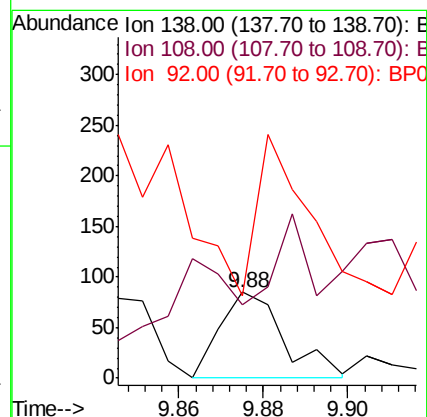
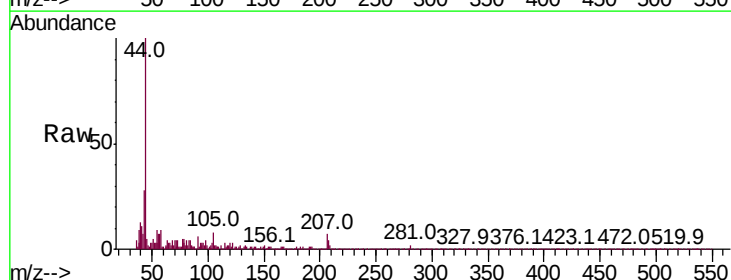
Tgt Ion:138 Resp: 91

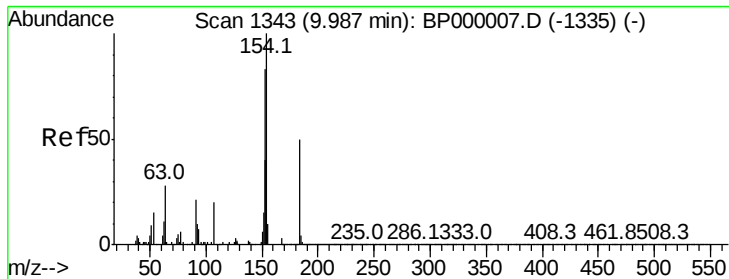
Ion Ratio Lower Upper

138 100

108 149.4 11.0 16.4#

92 96.5 98.2 147.4#





#54

2,4-Dinitrophenol

Concen: 8.658 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

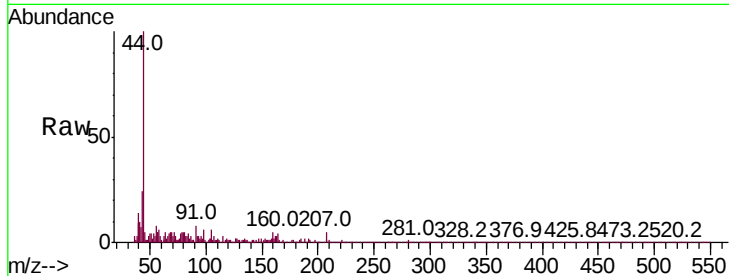
Tot Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 306.3 46.0 69.0#

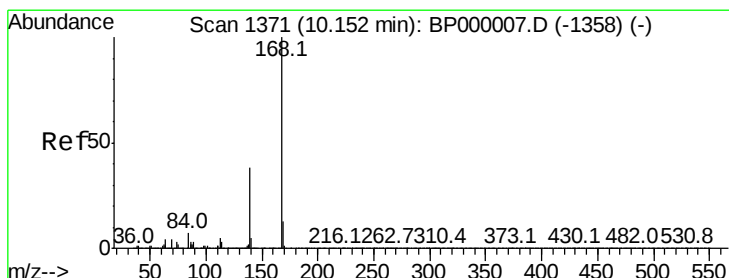
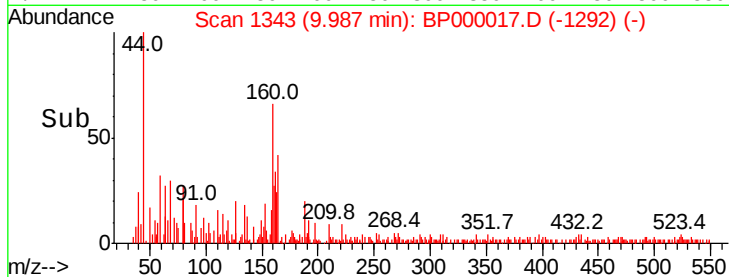
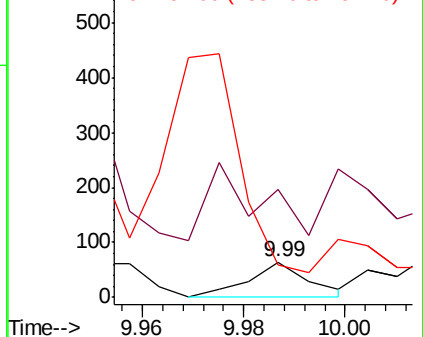
154 115.6 161.9 242.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 0.004 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

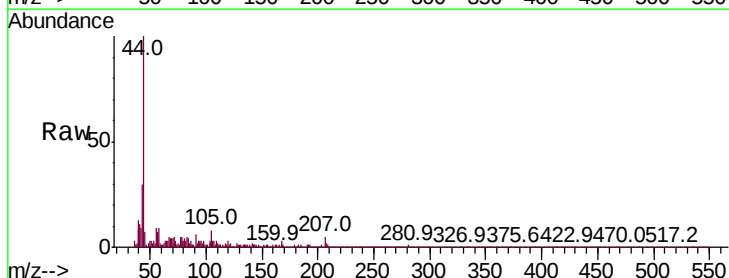
Tgt Ion:168 Resp: 283

Ion Ratio Lower Upper

168 100

139 21.6 30.2 45.2#

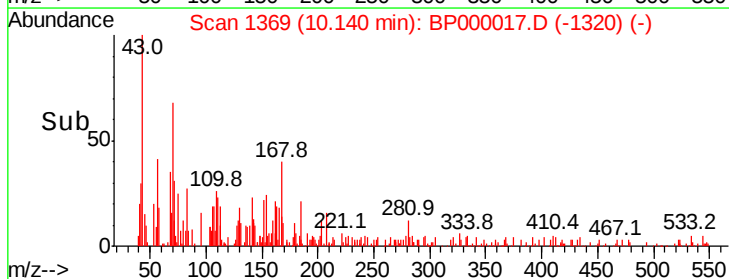
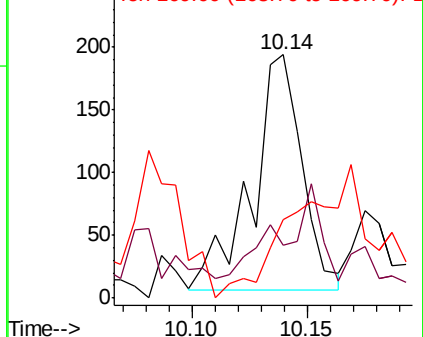
169 32.0 10.7 16.1#

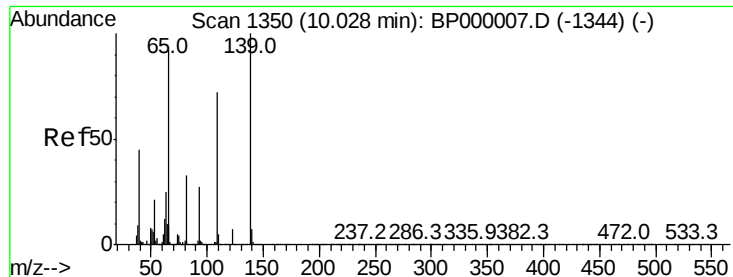


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

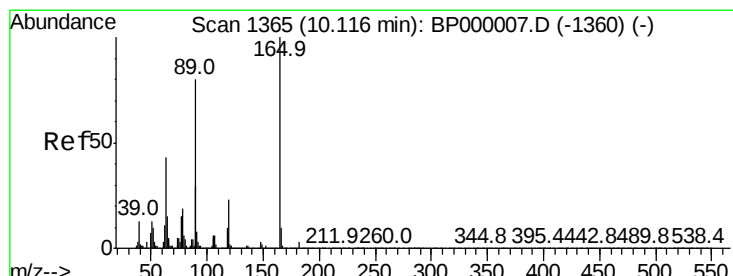
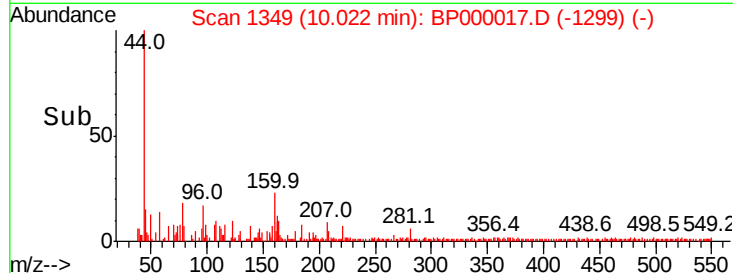
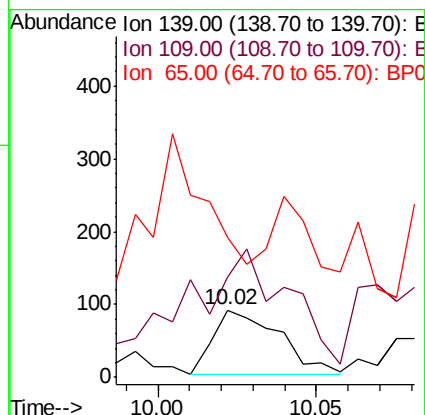
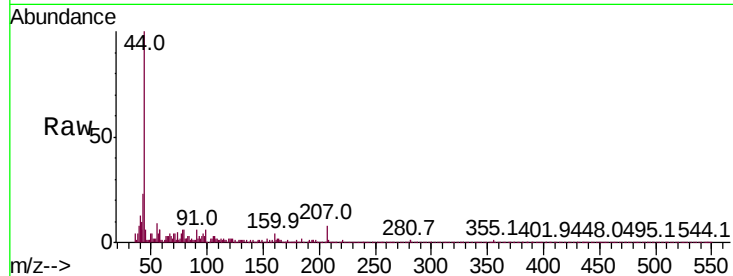




#56  
4-Nitrophenol  
Concen: 0.011 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

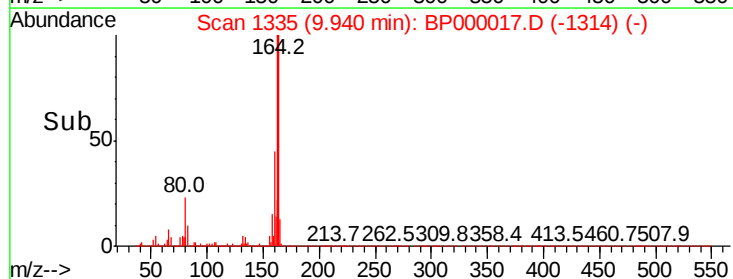
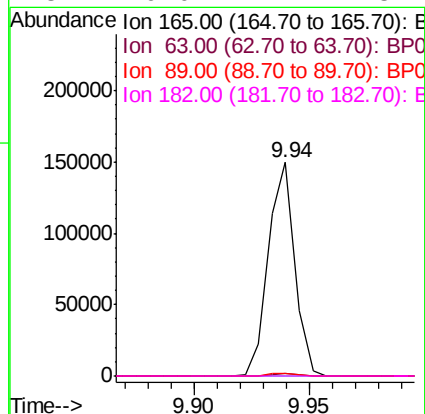
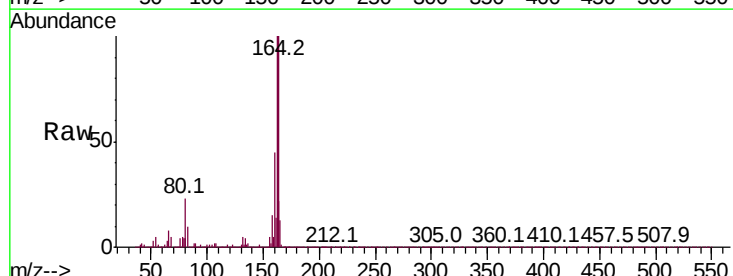
Instrument :  
BNA\_P  
ClientSampleId :

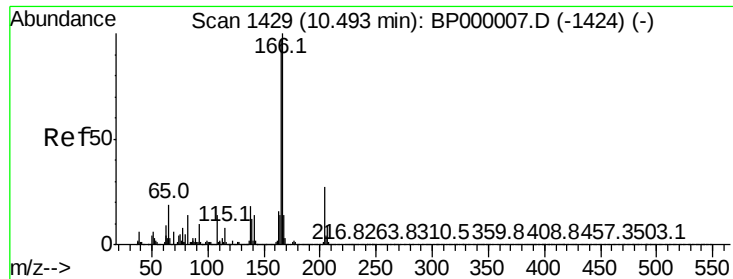
Tot Ion:139 Resp: 128  
Ion Ratio Lower Upper  
139 100  
109 150.0 52.4 92.4#  
65 208.7 72.2 112.2#



#57  
2,4-Dinitrotoluene  
Concen: 7.039 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. -0.18 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion:165 Resp: 118798  
Ion Ratio Lower Upper  
165 100  
63 1.1 34.4 51.6#  
89 1.4 64.3 96.5#  
182 0.0 2.2 3.4#





#58

Fluorene

Concen: 1.116 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.24 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

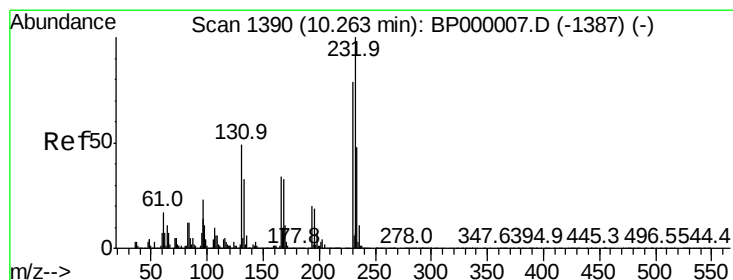
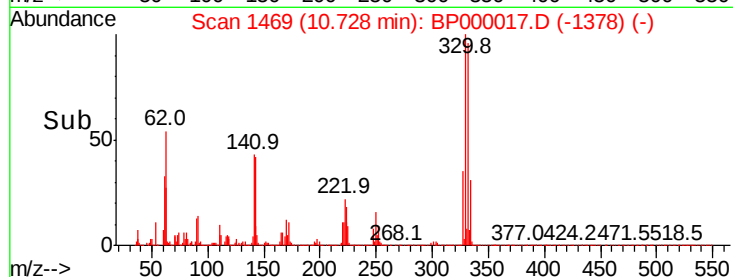
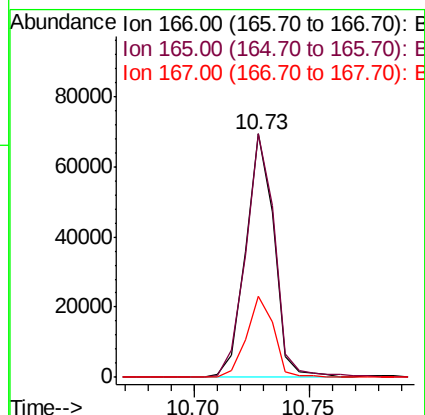
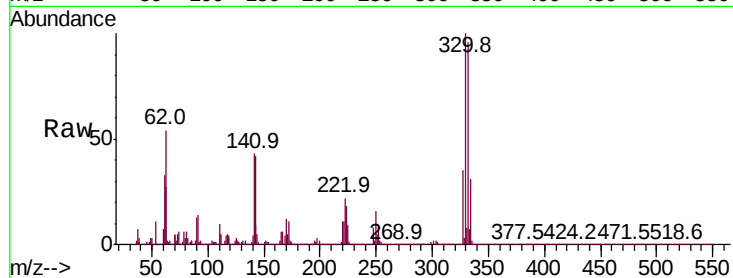
Tot Ion:166 Resp: 59496

Ion Ratio Lower Upper

166 100

165 100.1 77.3 115.9

167 33.3 11.0 16.6#



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.002 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Tgt Ion:232 Resp: 23

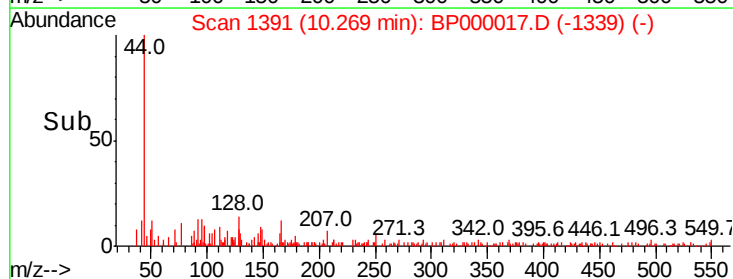
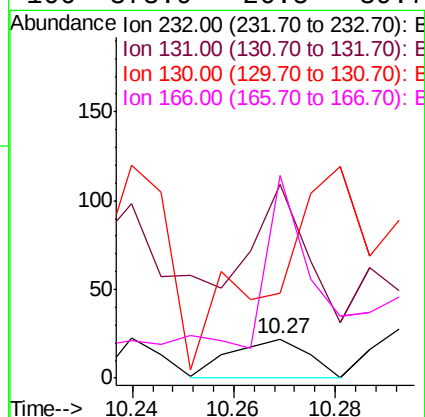
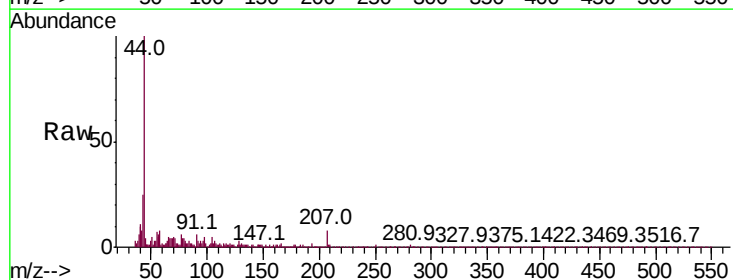
Ion Ratio Lower Upper

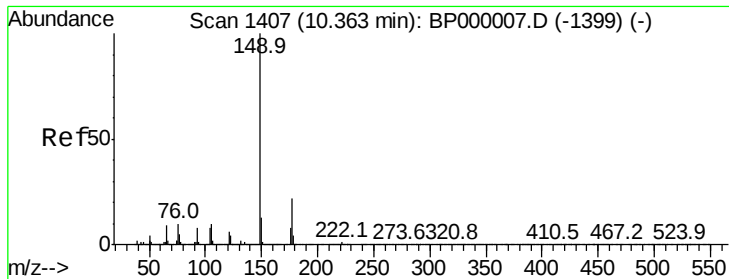
232 100

131 234.8 39.3 58.9#

130 652.2 2.1 3.1#

166 373.9 26.5 39.7#





#60

Diethylphthalate

Concen: 0.003 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BP000017.D

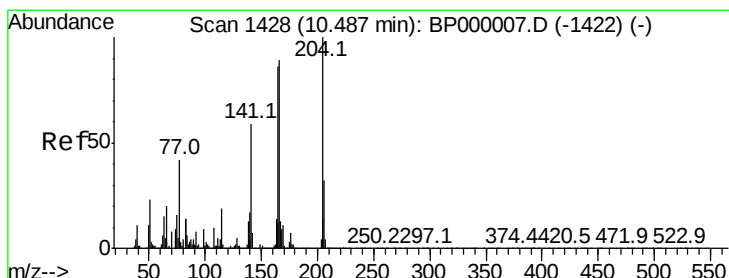
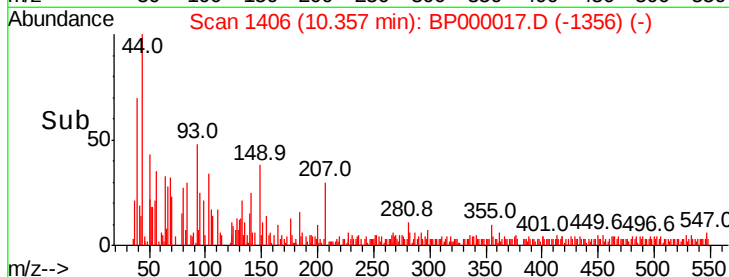
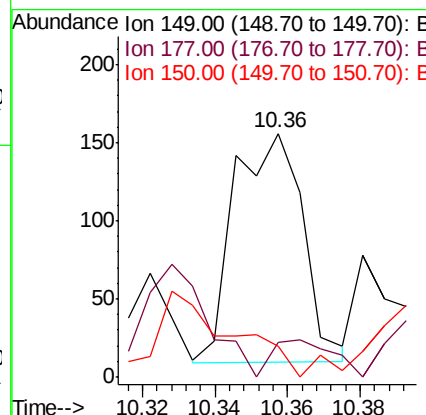
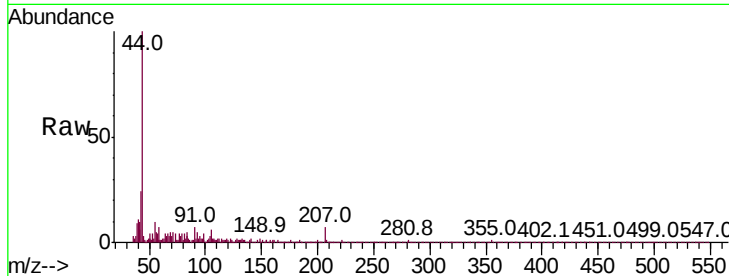
Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 149   | Resp: | 193   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 14.1  | 17.3  | 25.9# |
| 150      | 12.8  | 10.3  | 15.5  |



#61

4-Chlorophenyl-phenylether

Concen: 0.001 ng

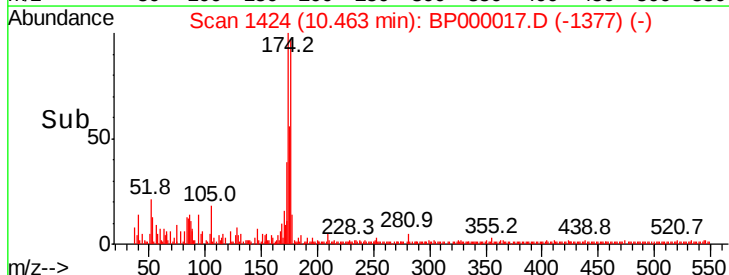
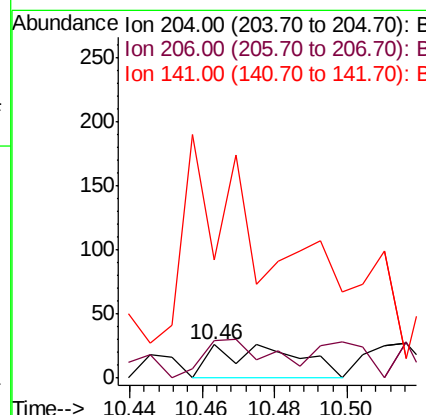
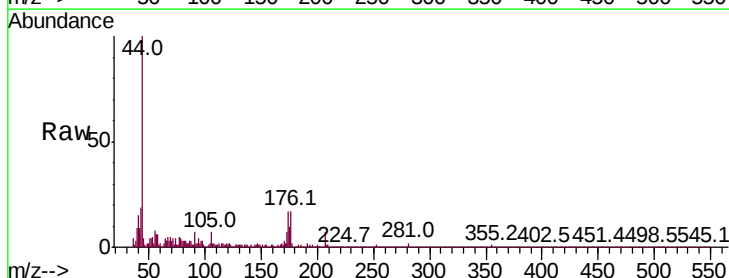
RT: 10.46 min Scan# 1424

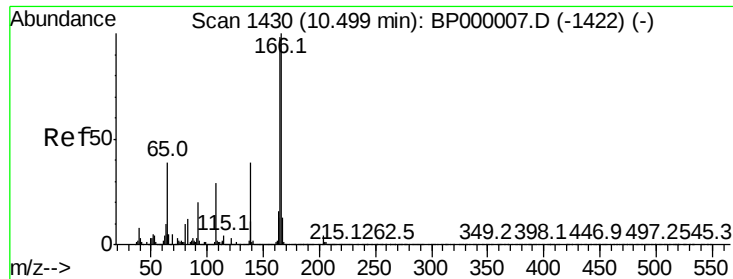
Delta R.T. -0.02 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 204   | Resp: | 41    |
| Ion      | Ratio | Lower | Upper |
| 204      | 100   |       |       |
| 206      | 111.5 | 26.0  | 39.0# |
| 141      | 353.8 | 47.6  | 71.4# |





#62

4-Nitroaniline

Concen: 0.010 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

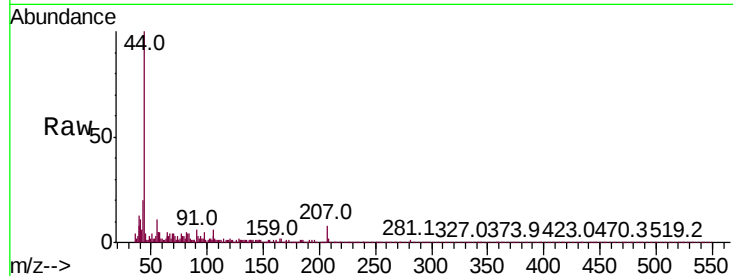
Tot Ion:138 Resp: 152

Ion Ratio Lower Upper

138 100

92 149.0 32.8 72.8#

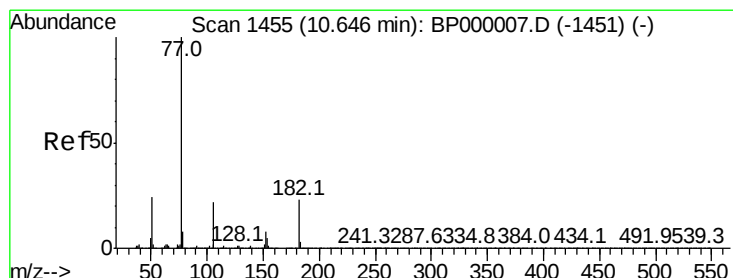
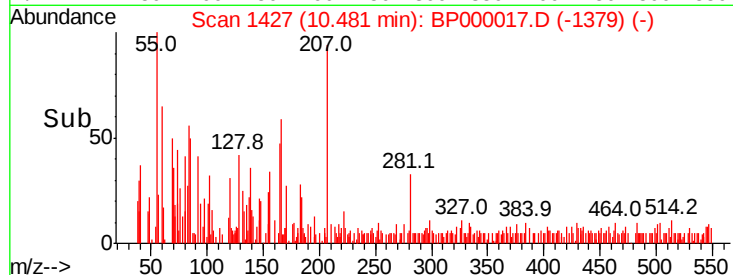
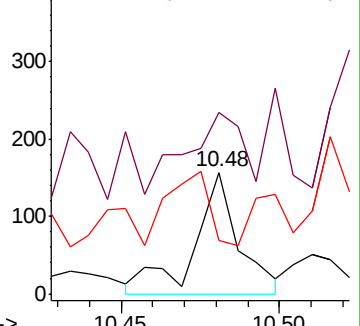
108 43.3 55.7 95.7#



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: 0.006 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Tgt Ion: 77 Resp: 339

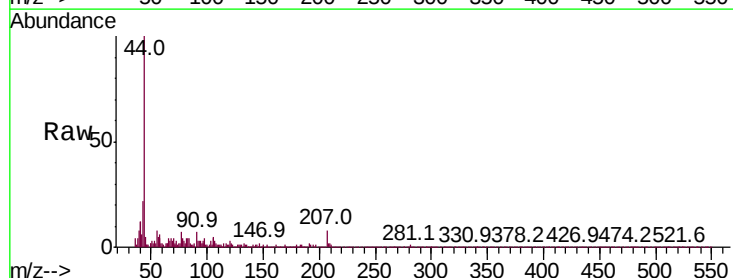
Ion Ratio Lower Upper

77 100

182 3.8 2.6 42.6

105 68.7 2.3 42.3#

51 45.8 4.5 44.5#

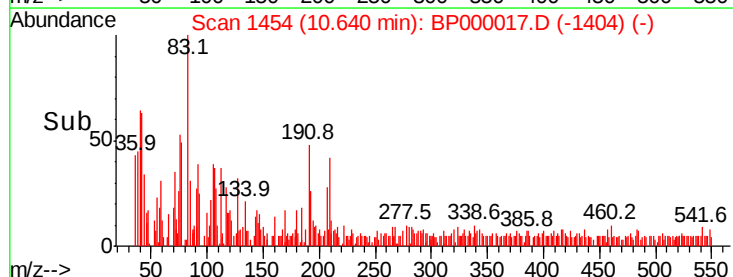
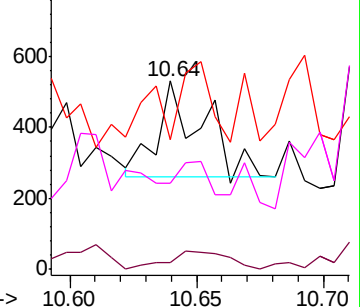


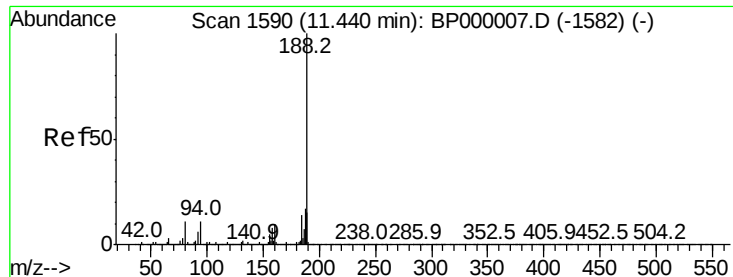
Abundance Ion 77.00 (76.70 to 77.70): BP0

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: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

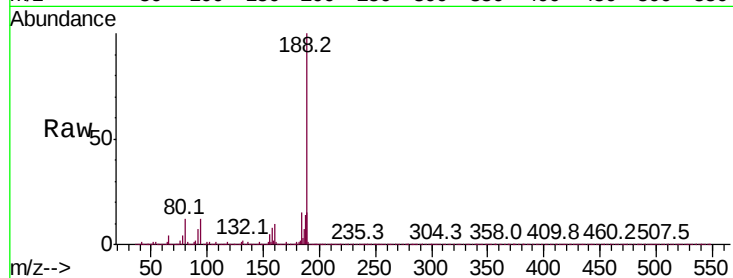
Tot Ion:188 Resp: 1669497

Ion Ratio Lower Upper

188 100

94 11.8 8.8 13.2

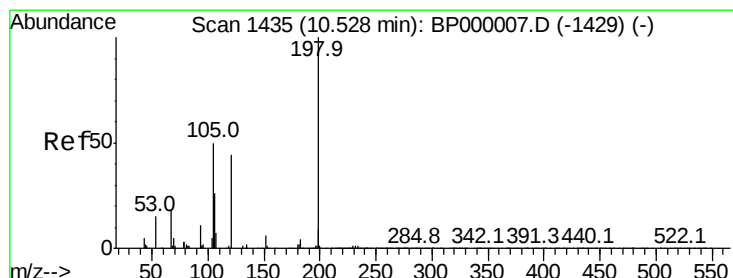
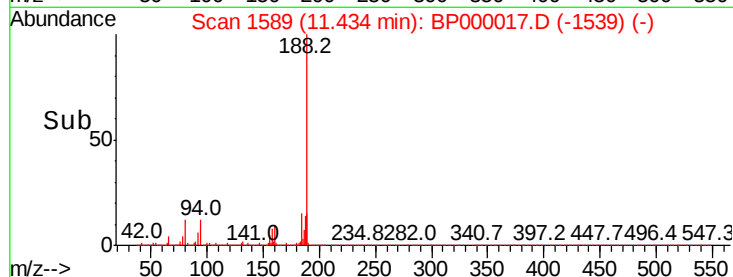
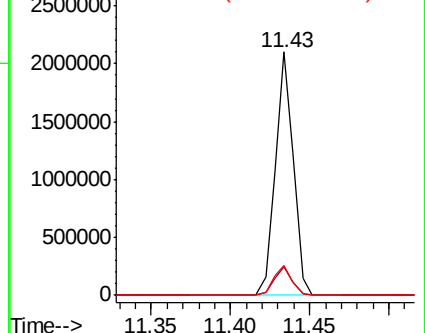
80 12.3 9.0 13.6



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: 8.181 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

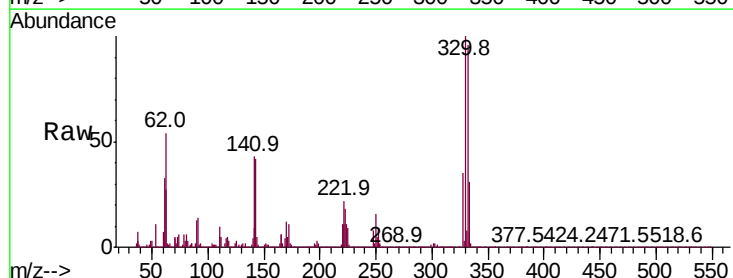
Tgt Ion:198 Resp: 3496

Ion Ratio Lower Upper

198 100

51 106.3 22.1 62.1#

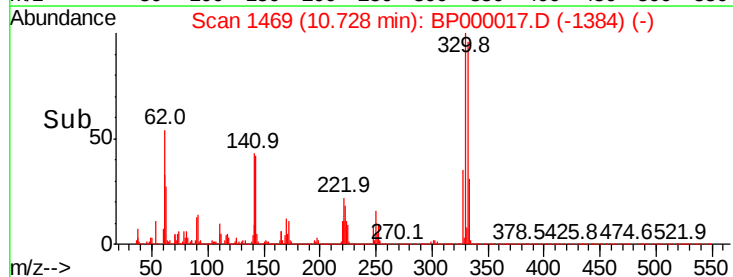
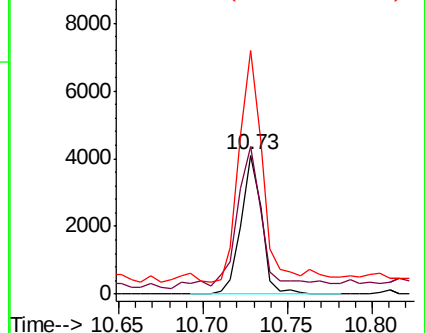
105 175.2 32.0 72.0#

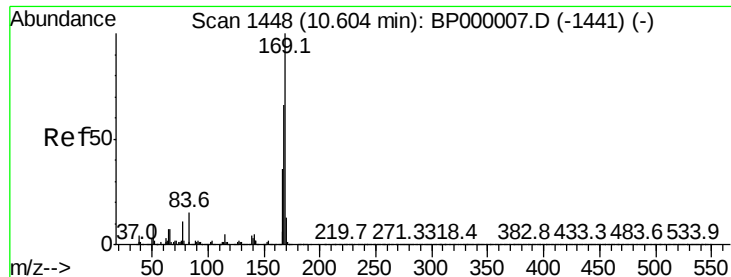


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

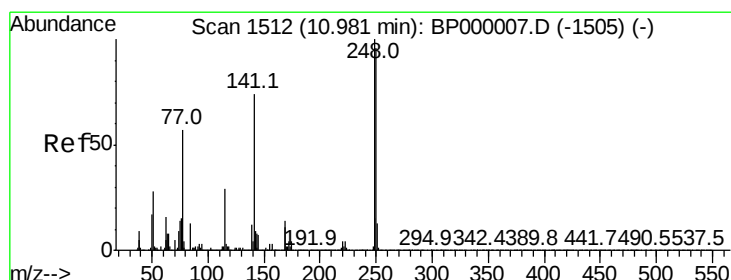
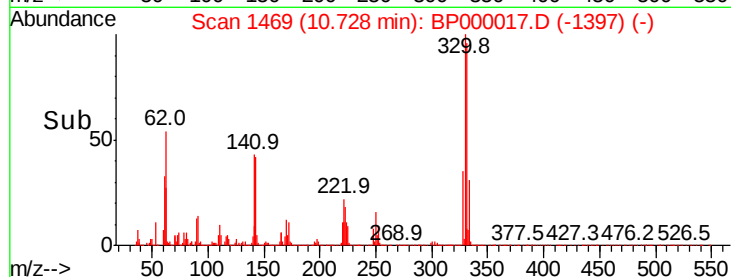
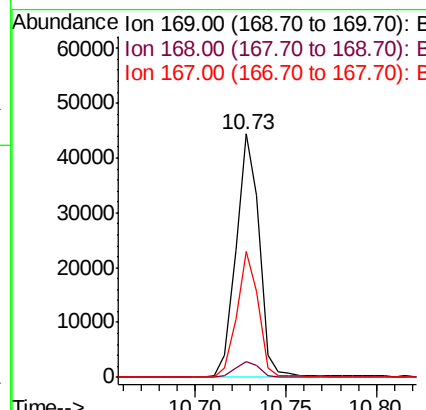
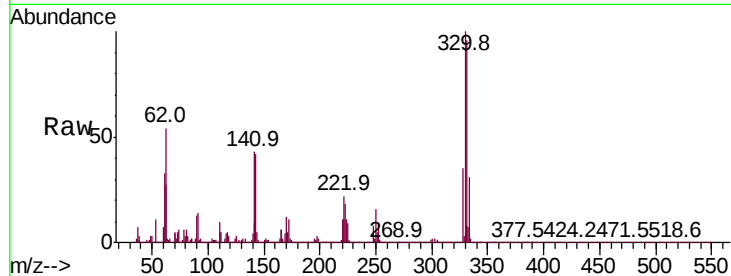




#66  
 n-Nitrosodiphenylamine  
 Concen: 0.797 ng  
 RT: 10.73 min Scan# 1469  
 Delta R.T. 0.12 min  
 Lab File: BP000017.D  
 Acq: 30 Aug 2019 20:49

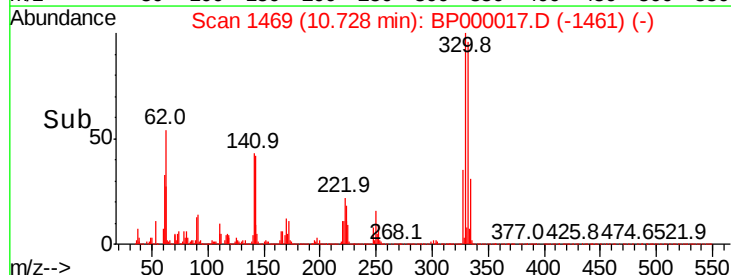
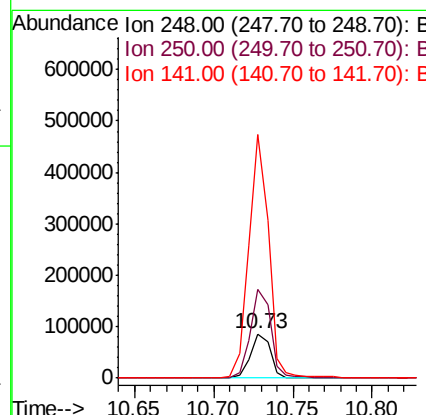
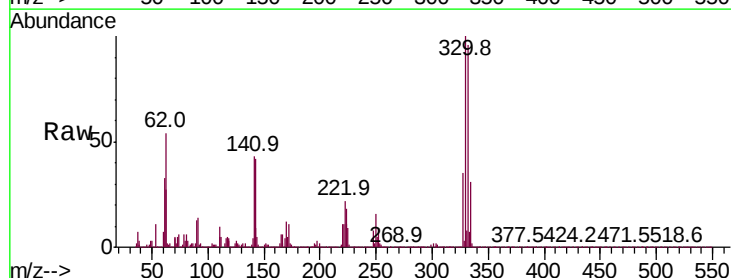
Instrument :  
 BNA\_P  
 ClientSampled :

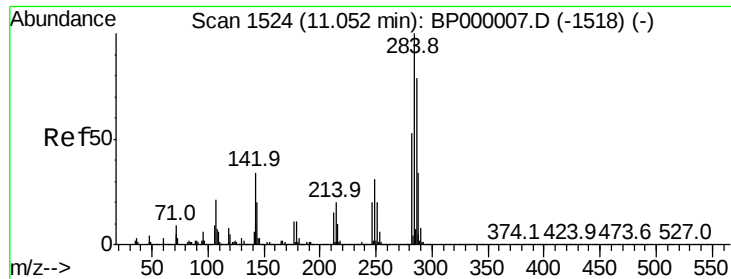
Tot Ion:169 Resp: 39524  
 Ion Ratio Lower Upper  
 169 100  
 168 6.3 52.9 79.3#  
 167 51.9 29.2 43.8#



#67  
 4-Bromophenyl-phenylether  
 Concen: 4.431 ng  
 RT: 10.73 min Scan# 1469  
 Delta R.T. -0.25 min  
 Lab File: BP000017.D  
 Acq: 30 Aug 2019 20:49

Tgt Ion:248 Resp: 75177  
 Ion Ratio Lower Upper  
 248 100  
 250 202.1 77.1 115.7#  
 141 550.5 59.5 89.3#





#68

Hexachlorobenzene

Concen: 0.003 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.03 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

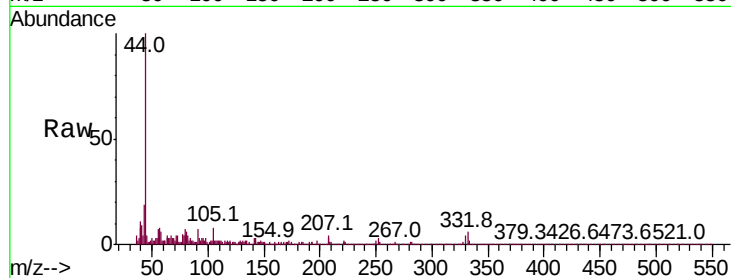
Tot Ion:284 Resp: 58

Ion Ratio Lower Upper

284 100

142 413.8 27.0 40.4#

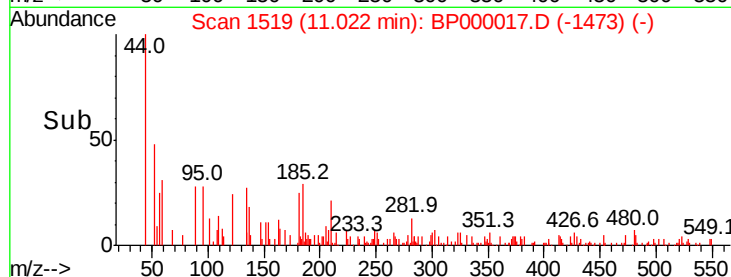
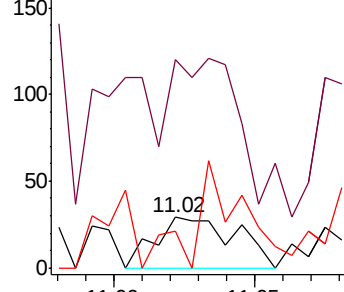
249 72.4 24.9 37.3#



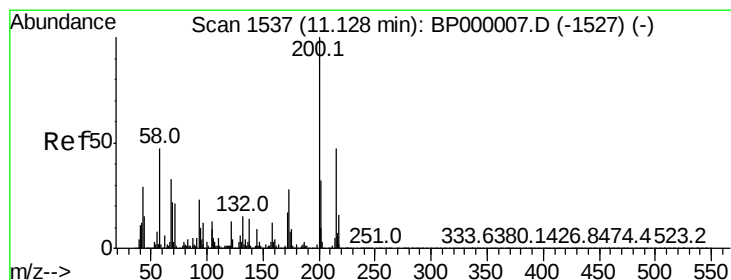
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#69

Atrazine

Concen: Below Cal

RT: 10.98 min Scan# 1511

Delta R.T. -0.15 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

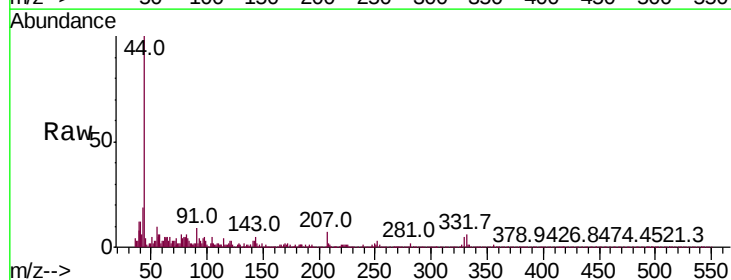
Tgt Ion:200 Resp: 15

Ion Ratio Lower Upper

200 100

173 44.0 8.1 48.1

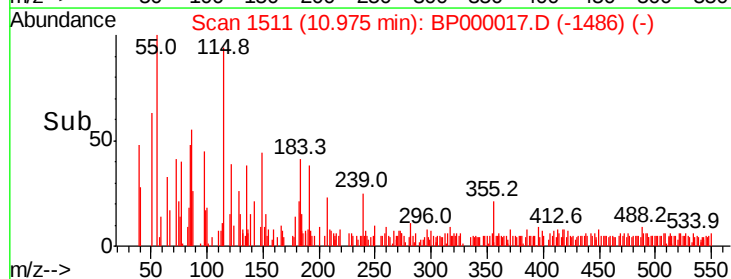
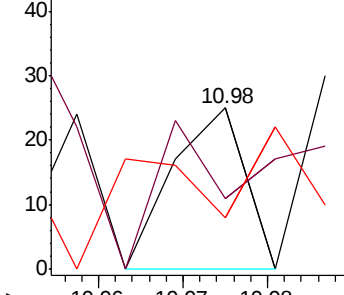
215 32.0 26.7 66.7



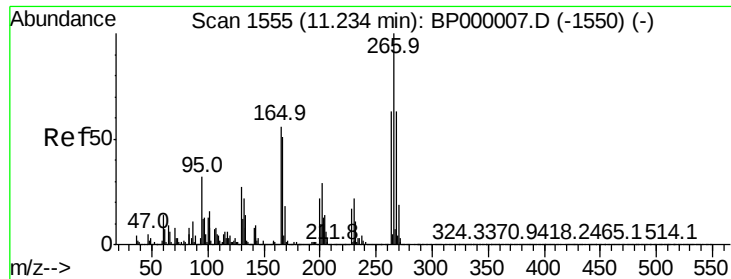
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



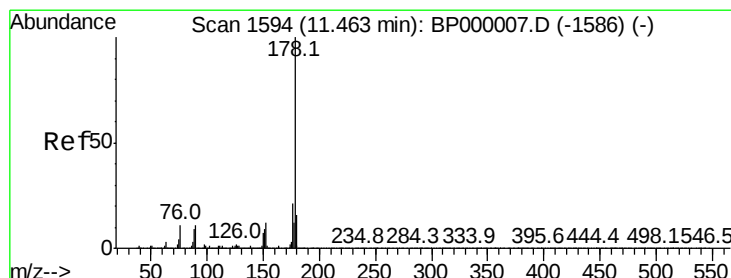
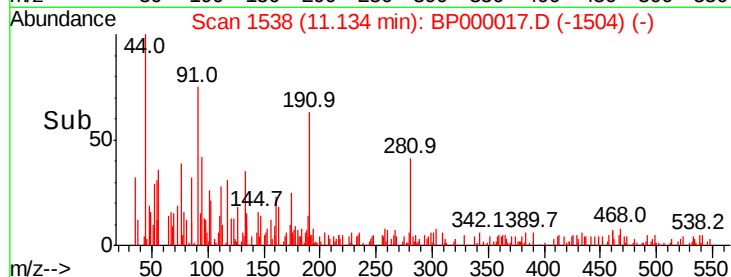
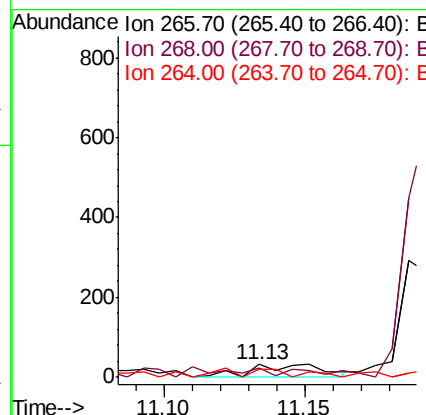
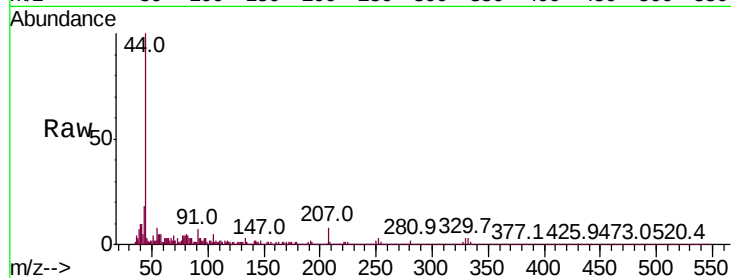
Time-->



#70  
 Pentachlorophenol  
 Concen: 0.006 ng  
 RT: 11.13 min Scan# 1538  
 Delta R.T. -0.10 min  
 Lab File: BP000017.D  
 Acq: 30 Aug 2019 20:49

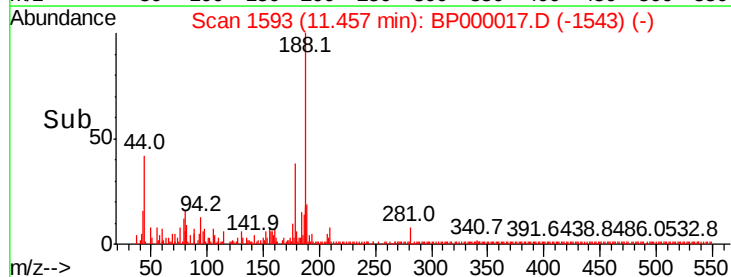
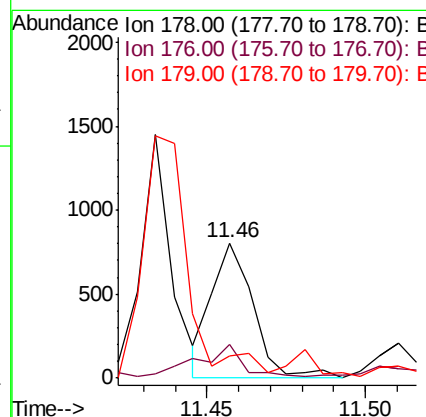
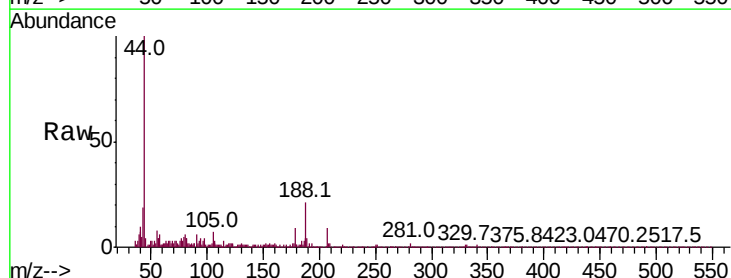
Instrument :  
 BNA\_P  
 ClientSampleId :

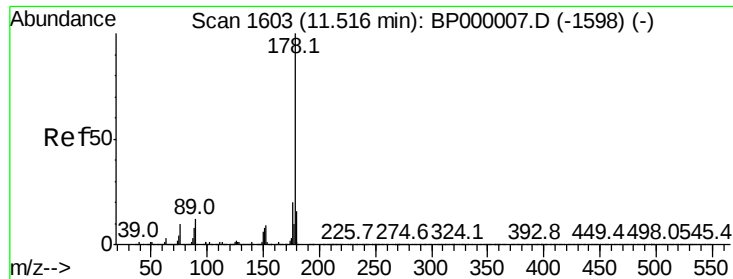
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 69.7  | 50.1  | 75.1  |
| 264     | 57.6  | 50.6  | 76.0  |



#71  
 Phenanthrene  
 Concen: 0.009 ng  
 RT: 11.46 min Scan# 1593  
 Delta R.T. -0.01 min  
 Lab File: BP000017.D  
 Acq: 30 Aug 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 24.5  | 16.7  | 25.1  |
| 179     | 16.3  | 13.1  | 19.7  |





#72

Anthracene

Concen: 0.003 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

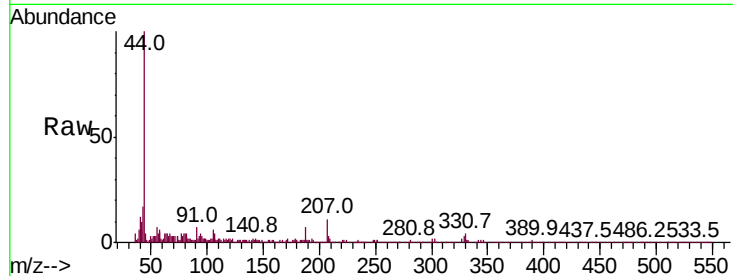
Tot Ion:178 Resp: 206

Ion Ratio Lower Upper

178 100

176 27.2 15.9 23.9#

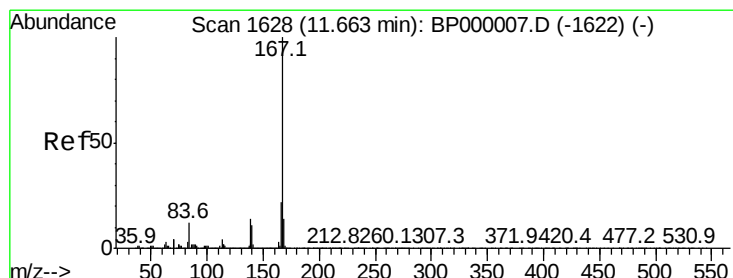
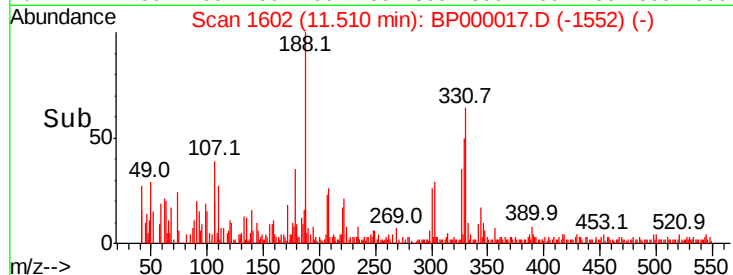
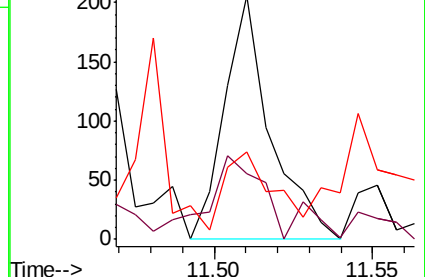
179 35.9 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.004 ng

RT: 11.66 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

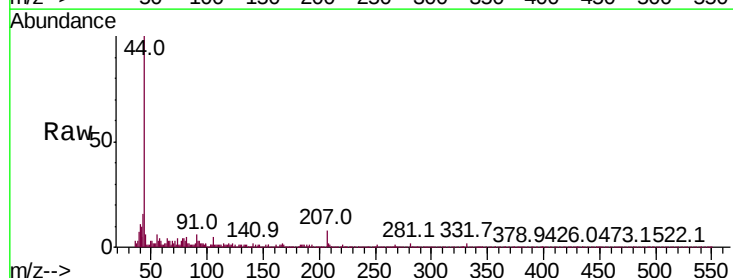
Tgt Ion:167 Resp: 279

Ion Ratio Lower Upper

167 100

166 40.3 17.9 26.9#

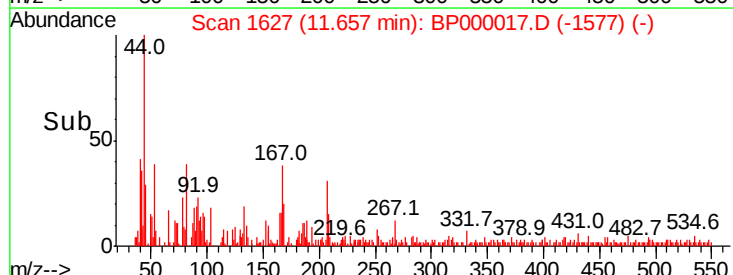
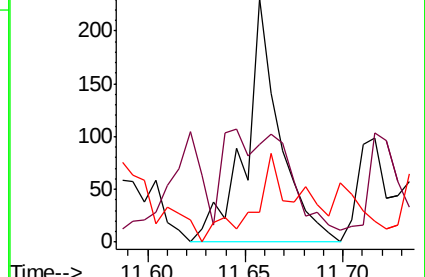
139 19.0 11.4 17.2#

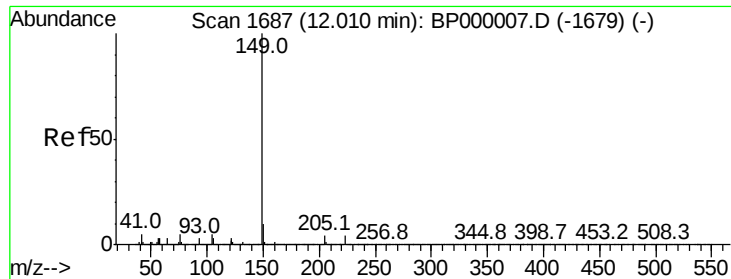


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.008 ng

RT: 12.00 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BP000017.D

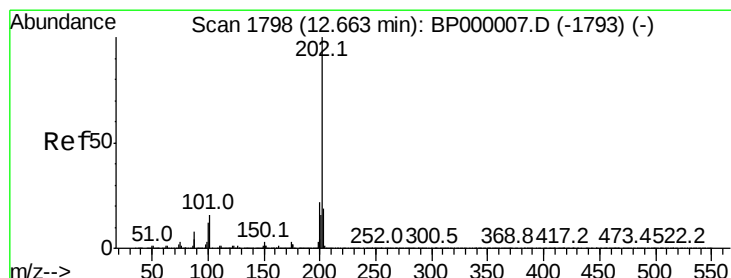
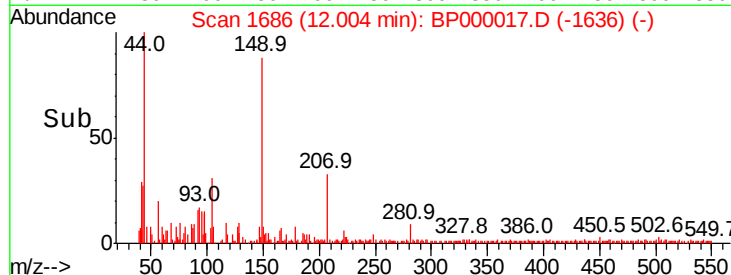
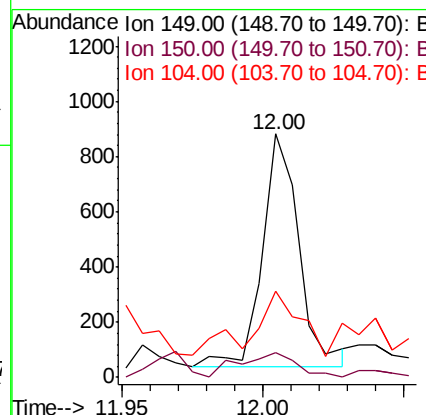
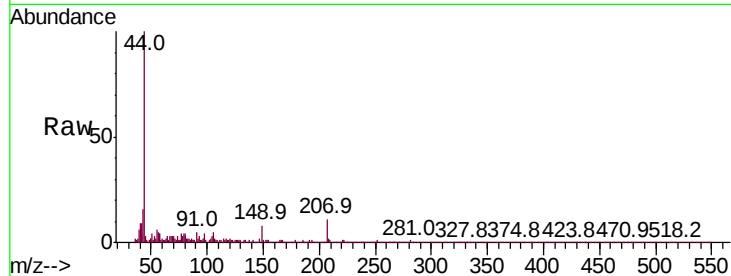
Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 149   | Resp: | 754   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 150      | 10.3  | 8.0   | 12.0  |
| 104      | 35.6  | 4.4   | 6.6#  |



#75

Fluoranthene

Concen: 0.000 ng

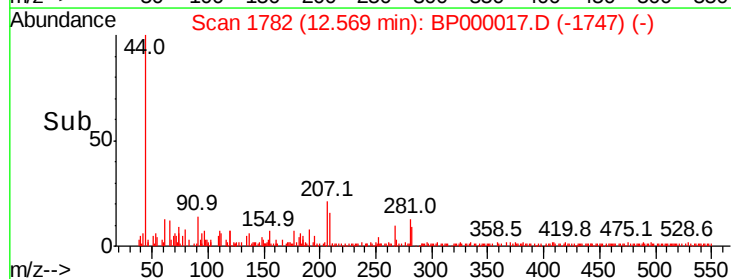
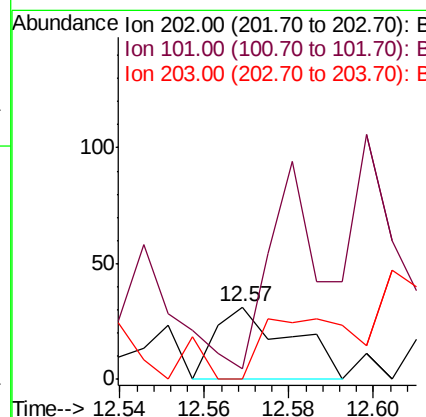
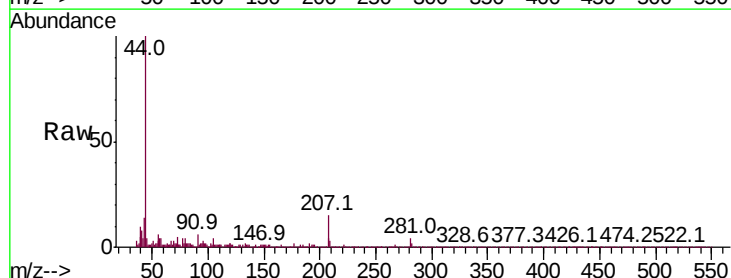
RT: 12.57 min Scan# 1782

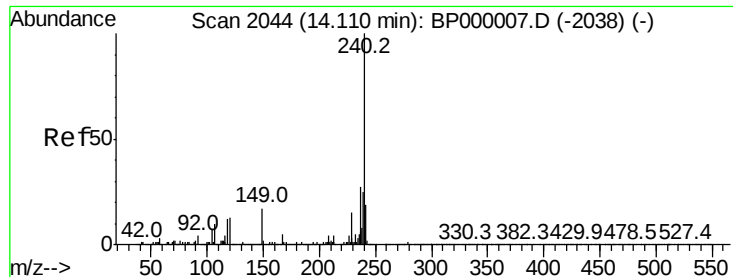
Delta R.T. -0.09 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 38    |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 12.9  | 0.0   | 36.4  |
| 203      | 0.0   | 0.0   | 38.7  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

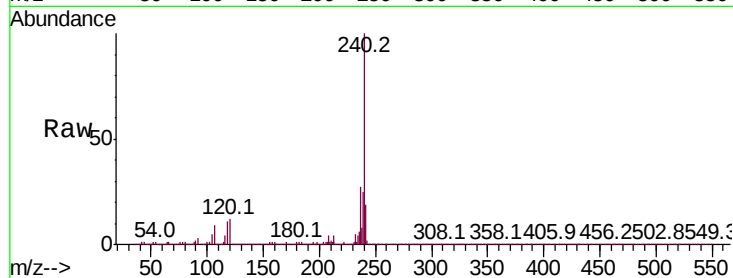
Tot Ion:240 Resp: 1371994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.2  | 10.5  | 15.7  |
| 236 | 27.1  | 21.5  | 32.3  |

240 100

120 12.2 10.5 15.7

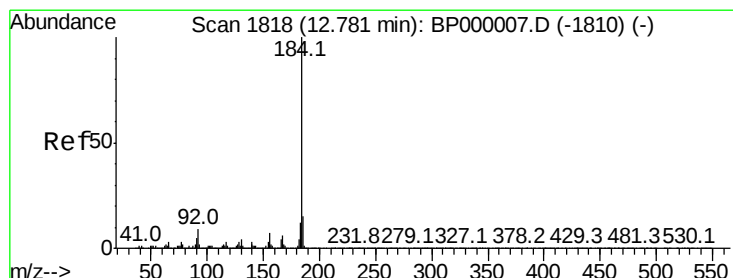
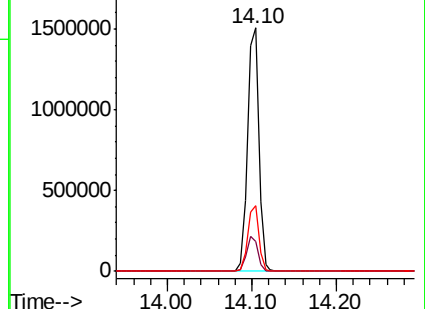
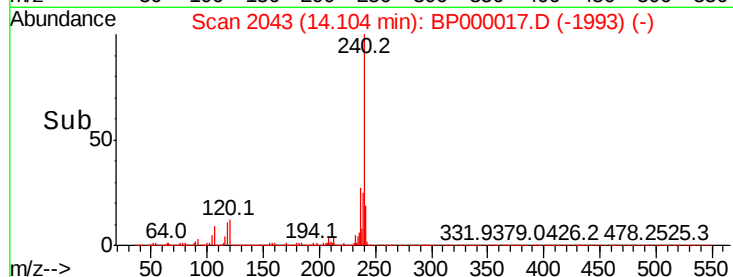
236 27.1 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.885 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.26 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

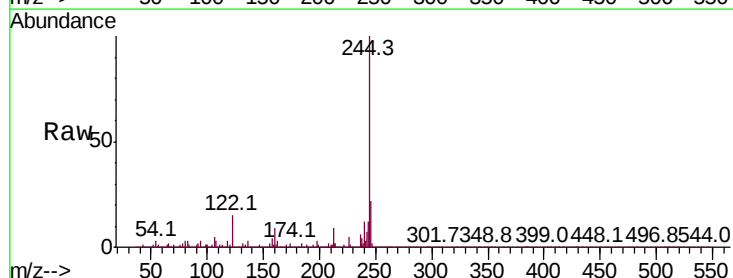
Tgt Ion:184 Resp: 89248

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.6  | 11.8  | 17.8  |
| 183 | 8.5   | 9.4   | 14.0# |

184 100

185 15.6 11.8 17.8

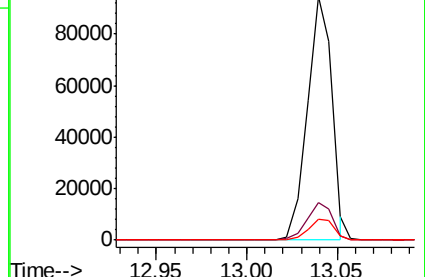
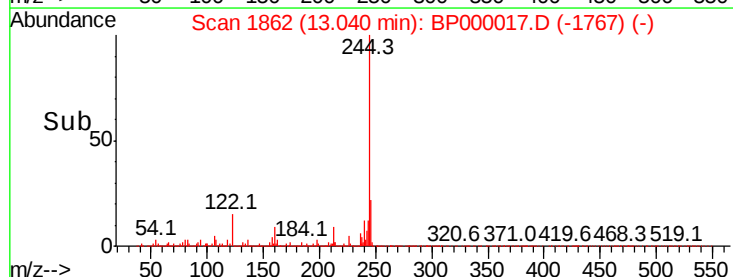
183 8.5 9.4 14.0#

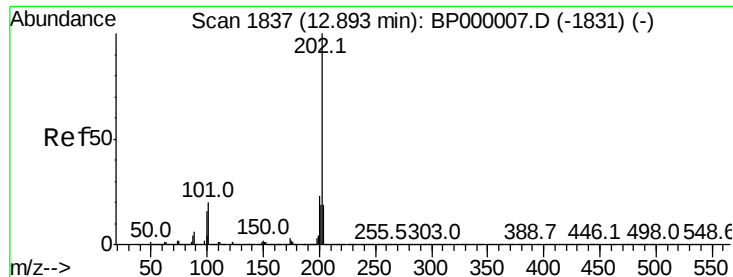


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.216 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.15 min

Lab File: BP000017.D

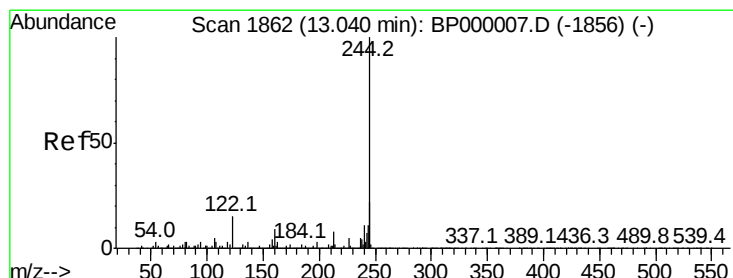
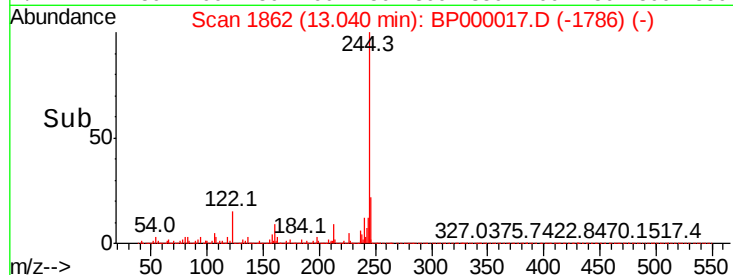
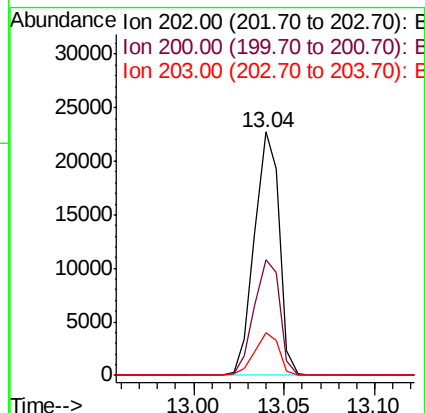
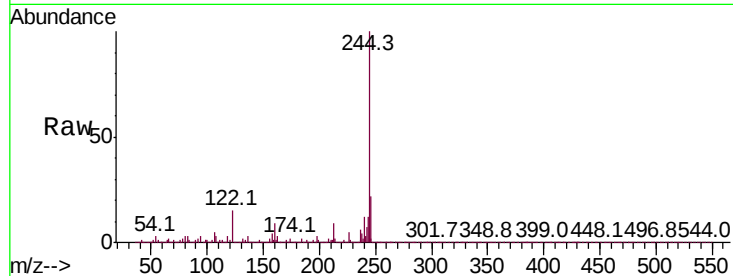
Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 21781 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 47.2  | 18.5  | 27.7# |
| 203       | 17.6  | 15.1  | 22.7  |



#79

Terphenyl-d14

Concen: 86.428 ng

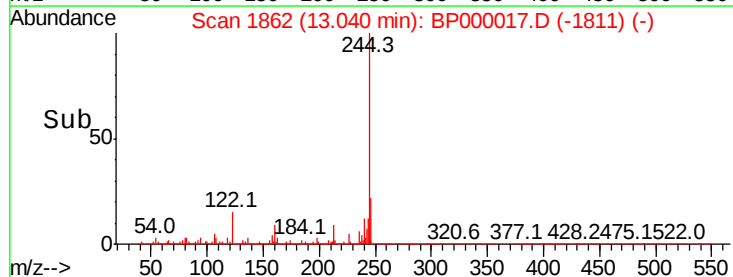
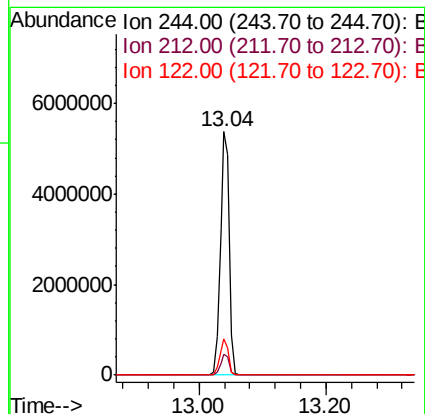
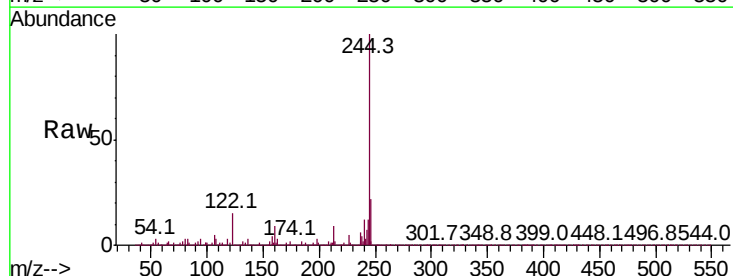
RT: 13.04 min Scan# 1862

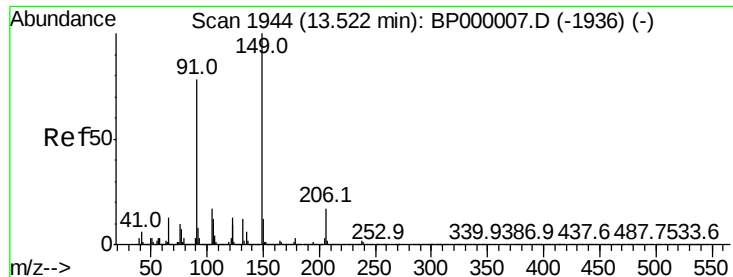
Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 5440393 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 8.7   | 6.6   | 10.0    |
| 122       | 14.8  | 12.3  | 18.5    |

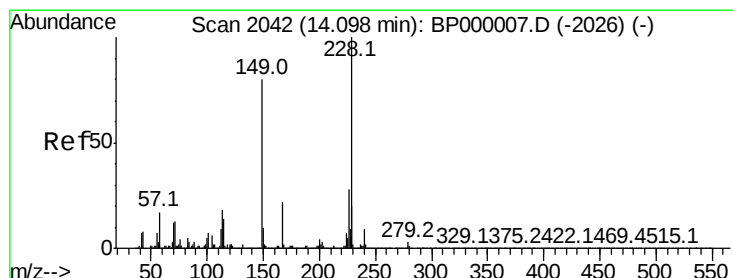
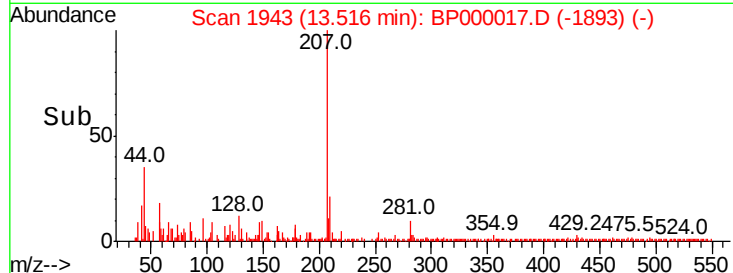
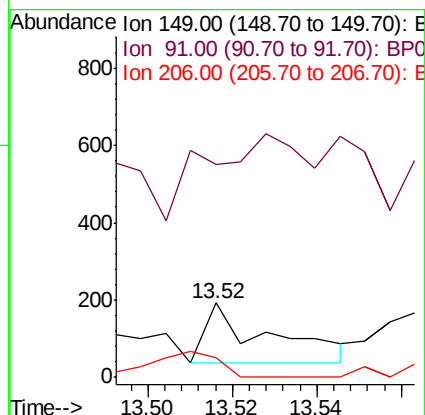
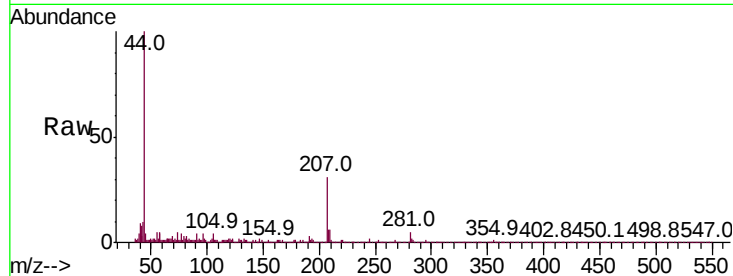




#80  
Butylbenzylphthalate  
Concen: 0.004 ng  
RT: 13.52 min Scan# 1943  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

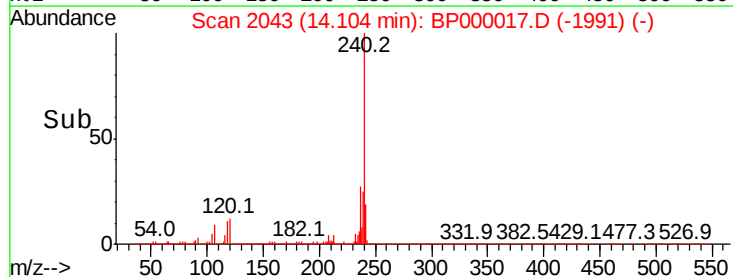
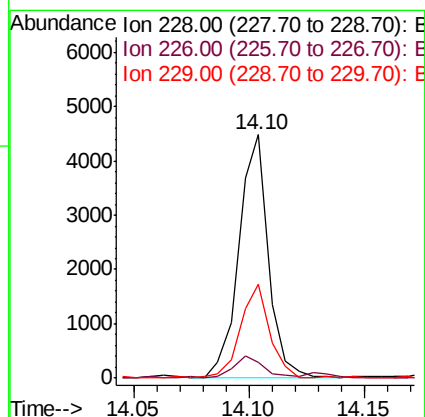
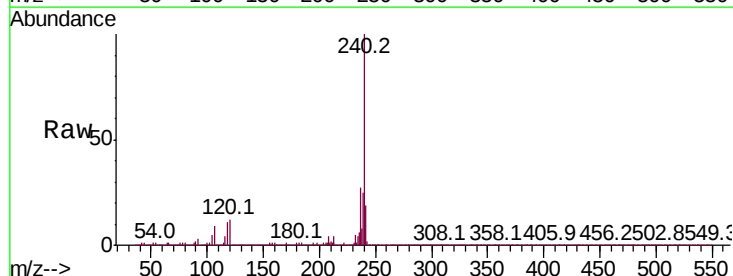
Instrument :  
BNA\_P  
ClientSampleId :

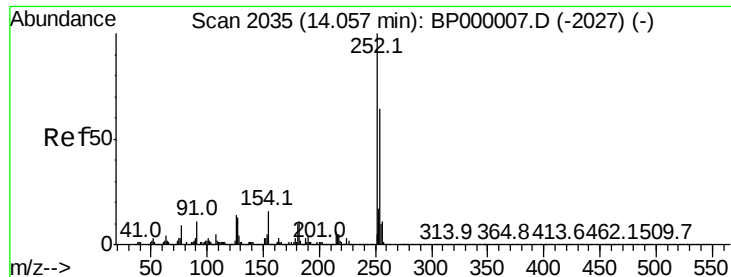
Tot Ion:149 Resp: 159  
Ion Ratio Lower Upper  
149 100  
91 287.0 62.7 94.1#  
206 27.1 13.8 20.6#



#81  
Benzo(a)anthracene  
Concen: 0.045 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. 0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion:228 Resp: 3958  
Ion Ratio Lower Upper  
228 100  
226 6.7 22.5 33.7#  
229 38.7 16.2 24.2#





#82

3,3'-Dichlorobenzidine

Concen: 0.005 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

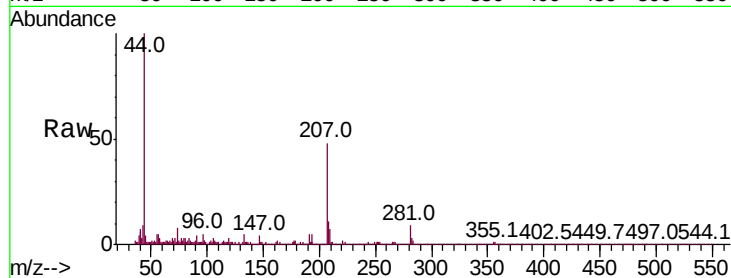
Tot Ion:252 Resp: 173

Ion Ratio Lower Upper

252 100

254 110.8 51.4 77.0#

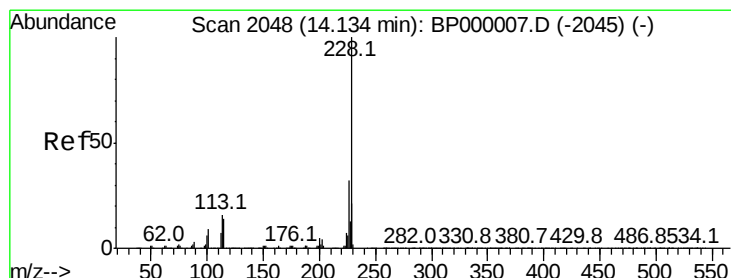
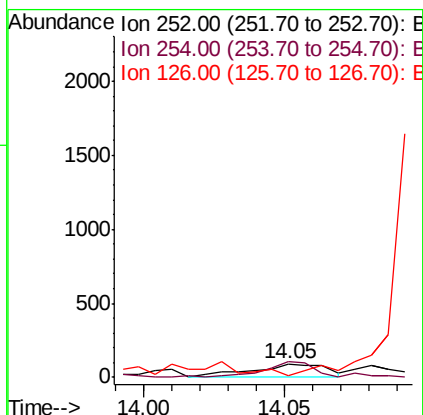
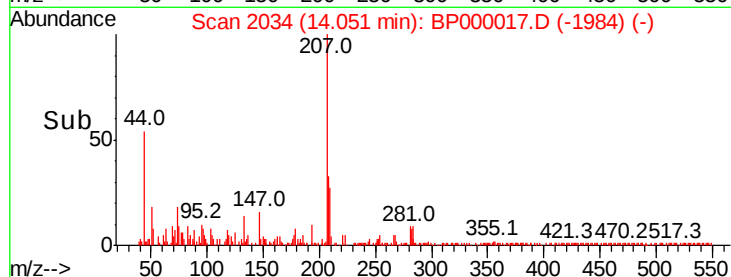
126 16.1 11.1 16.7



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: 0.047 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.03 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

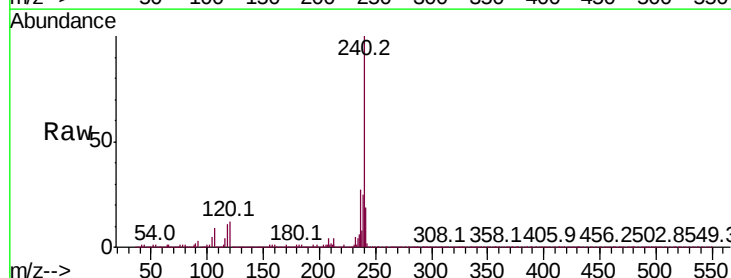
Tgt Ion:228 Resp: 3958

Ion Ratio Lower Upper

228 100

226 6.7 25.5 38.3#

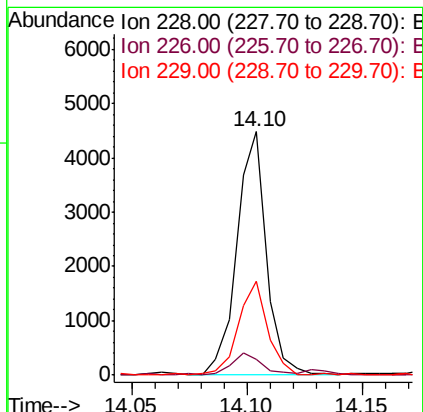
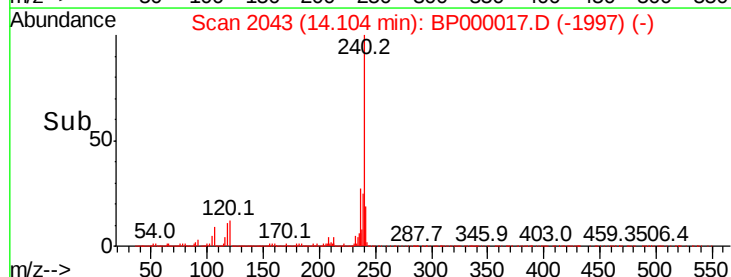
229 38.7 16.5 24.7#

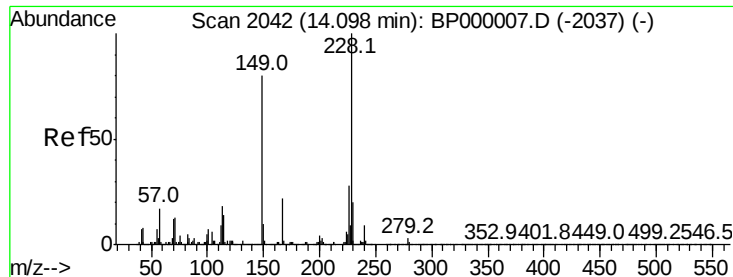


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.006 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

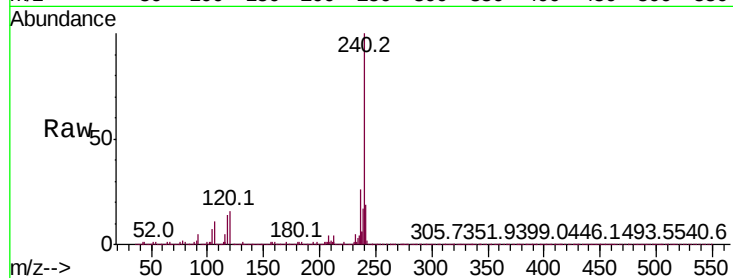
Tot Ion:149 Resp: 335

Ion Ratio Lower Upper

149 100

167 172.1 22.4 33.6#

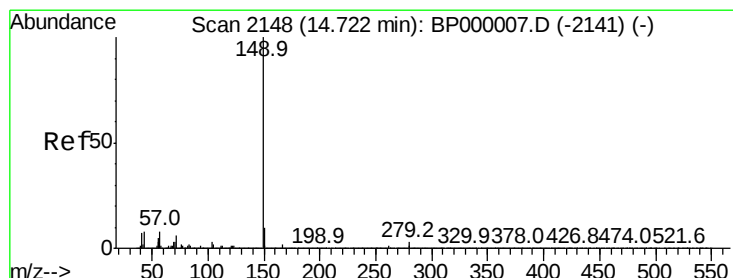
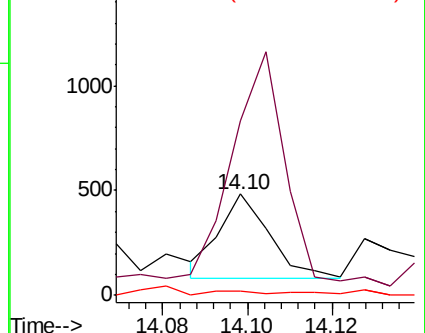
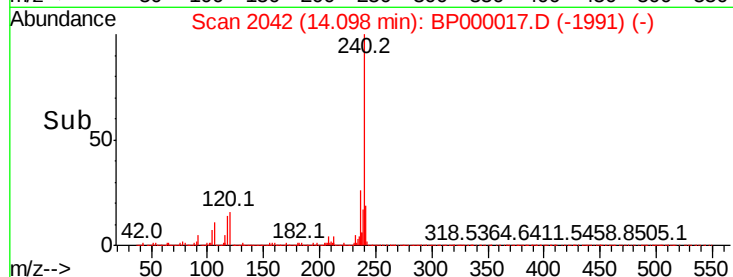
279 4.5 3.1 4.7



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: 0.004 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.02 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

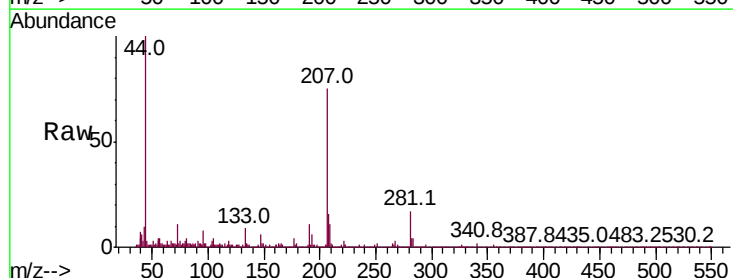
Tgt Ion:149 Resp: 400

Ion Ratio Lower Upper

149 100

167 12.0 1.3 1.9#

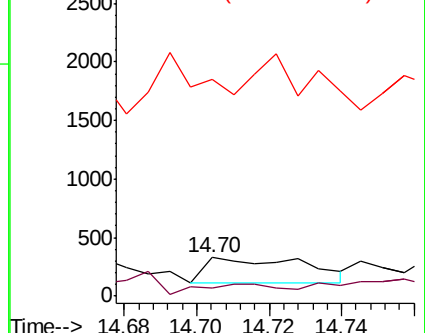
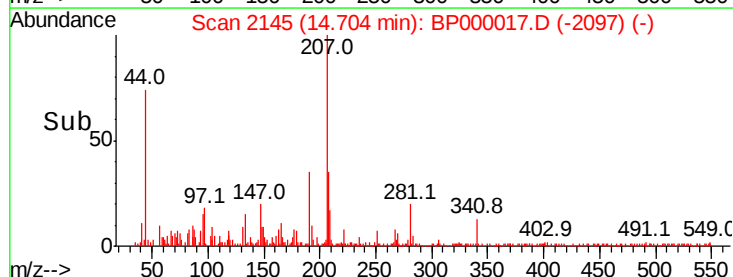
43 144.0 6.5 9.7#

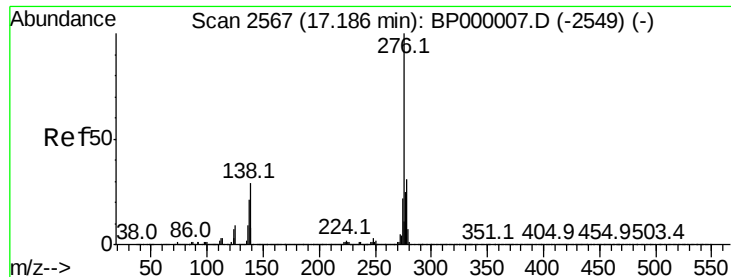


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BPO

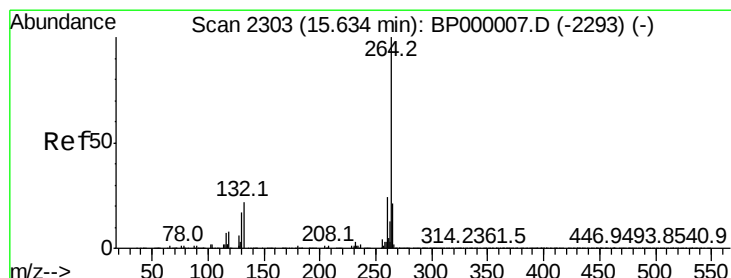
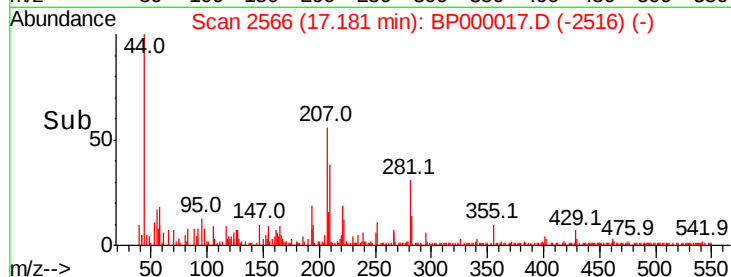
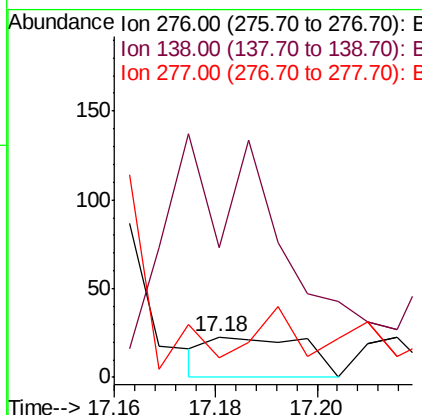
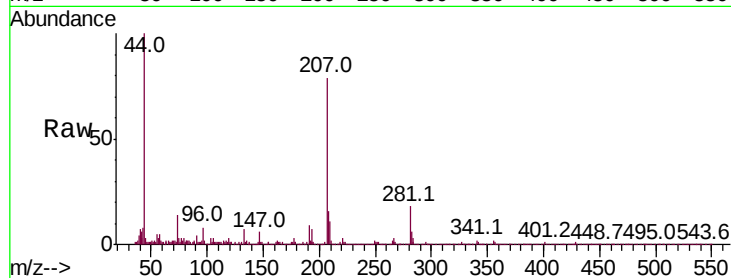




#86  
Indeno(1,2,3-cd)pyrene  
Concen: 0.000 ng  
RT: 17.18 min Scan# 2566  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

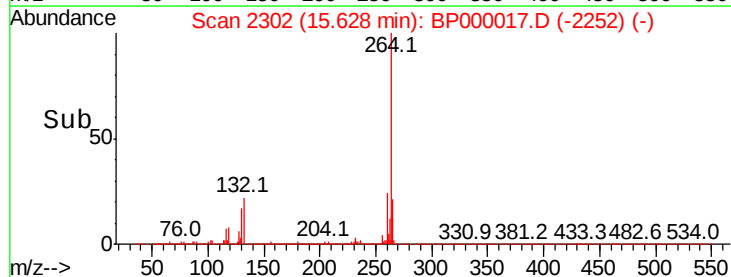
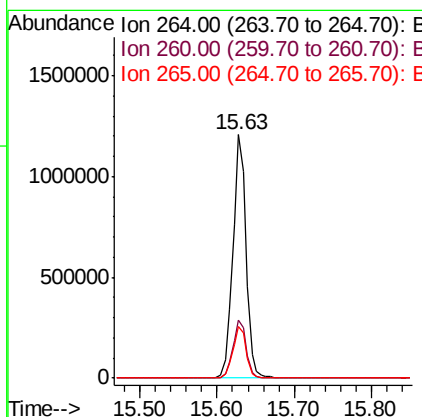
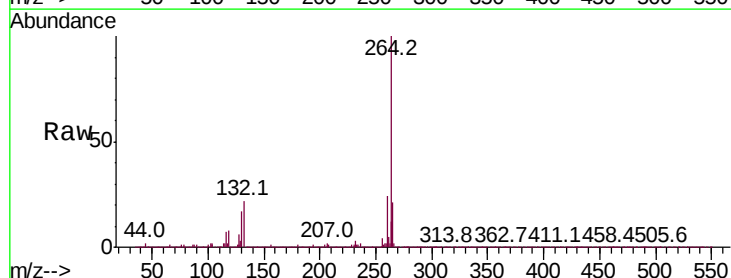
Instrument :  
BNA\_P  
ClientSampleId :

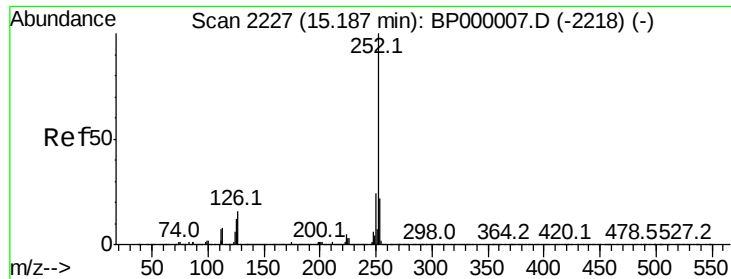
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 583.3 | 26.5  | 39.7# |
| 277     | 60.0  | 20.3  | 30.5# |



#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.63 min Scan# 2302  
Delta R.T. -0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.1  | 28.7  |
| 265     | 21.4  | 17.1  | 25.7  |

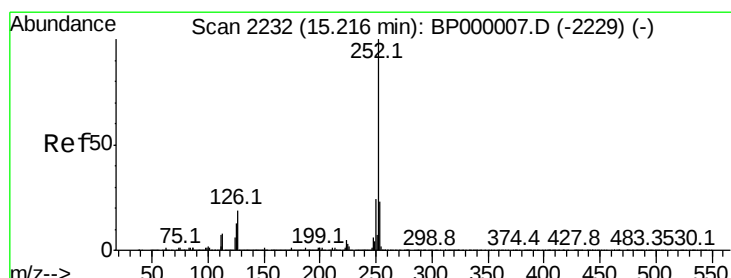
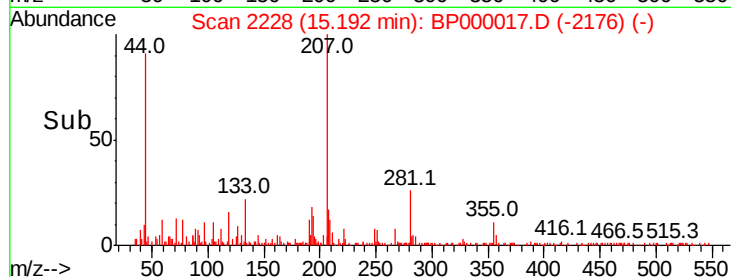
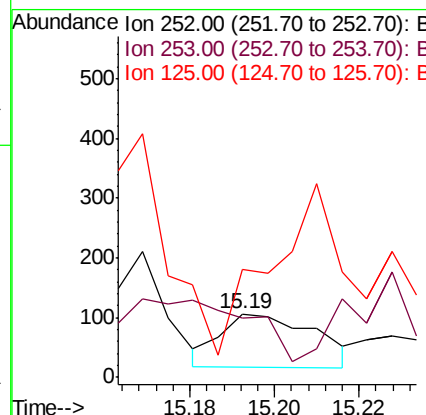
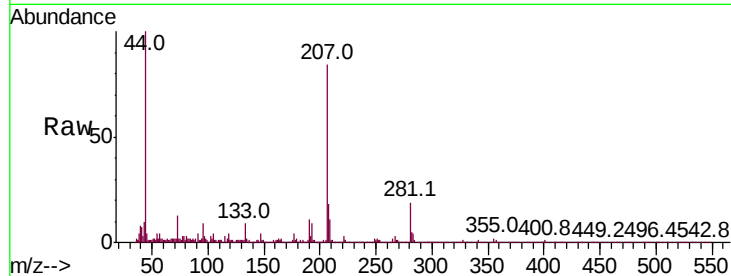




#88  
Benzo(b)fluoranthene  
Concen: 0.002 ng  
RT: 15.19 min Scan# 2228  
Delta R.T. 0.01 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

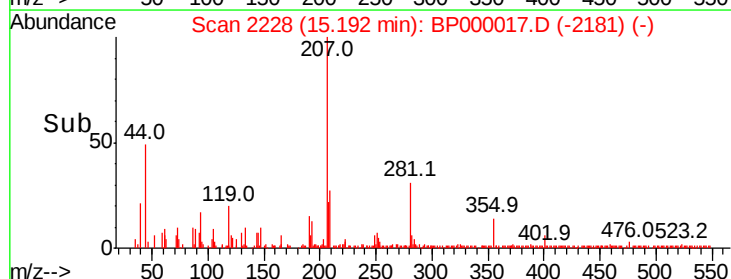
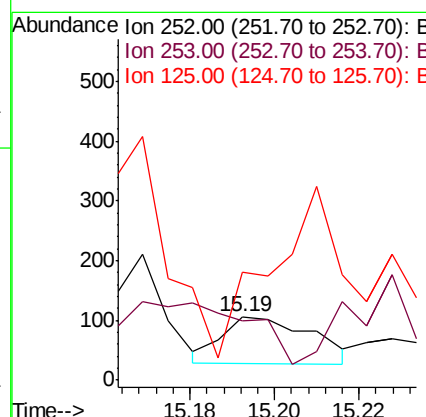
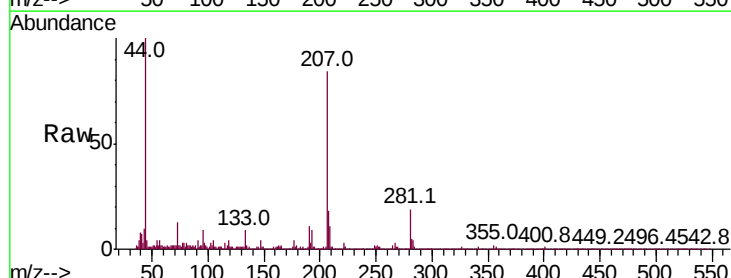
Instrument :  
BNA\_P  
ClientSampled :

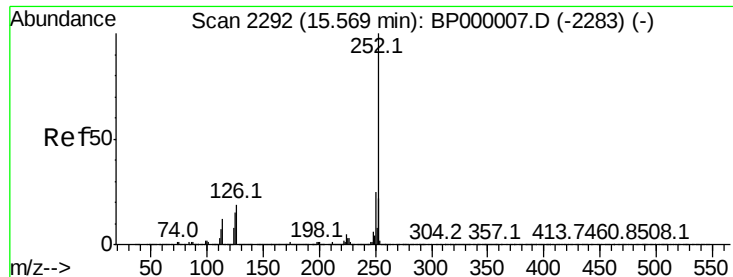
Tot Ion:252 Resp: 137  
Ion Ratio Lower Upper  
252 100  
253 93.4 17.8 26.6#  
125 171.7 9.4 14.2#



#89  
Benzo(k)fluoranthene  
Concen: 0.001 ng  
RT: 15.19 min Scan# 2228  
Delta R.T. -0.02 min  
Lab File: BP000017.D  
Acq: 30 Aug 2019 20:49

Tgt Ion:252 Resp: 115  
Ion Ratio Lower Upper  
252 100  
253 93.4 18.0 27.0#  
125 171.7 10.3 15.5#





#90

Benzo(a)pyrene

Concen: 0.002 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampled :

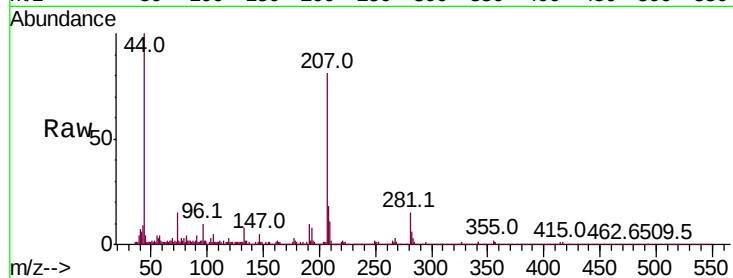
Tot Ion:252 Resp: 198

Ion Ratio Lower Upper

252 100

253 102.1 17.5 26.3#

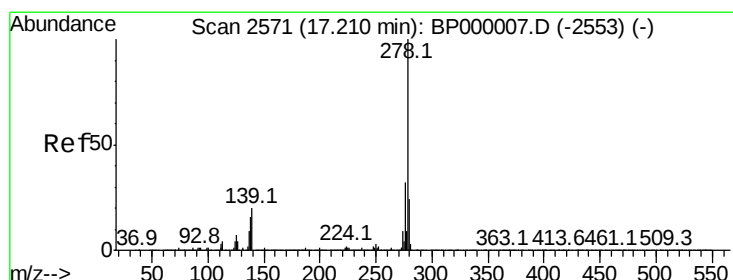
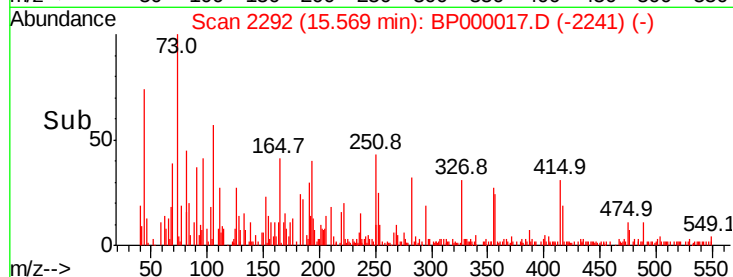
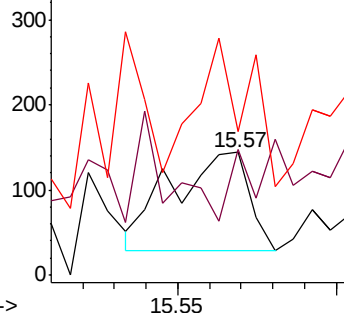
125 116.7 11.7 17.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 17.22 min Scan# 2572

Delta R.T. 0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

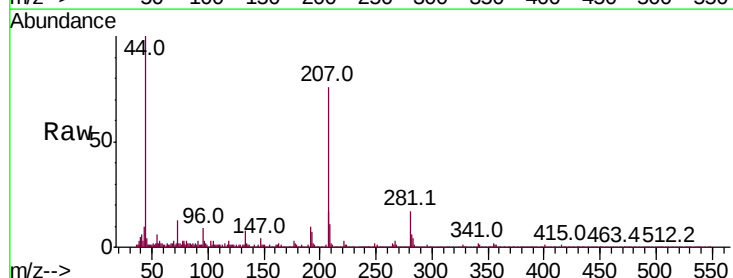
Tgt Ion:278 Resp: 15

Ion Ratio Lower Upper

278 100

139 229.6 16.4 24.6#

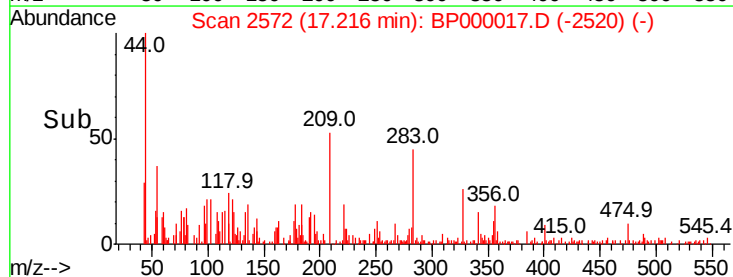
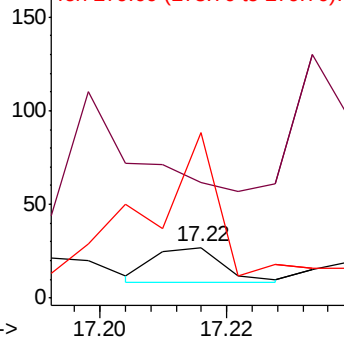
279 325.9 19.2 28.8#

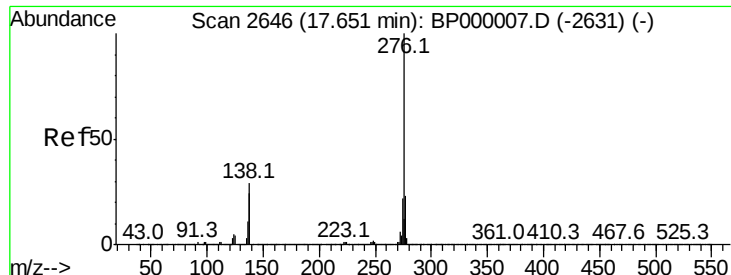


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.000 ng

RT: 17.63 min Scan# 2643

Delta R.T. -0.02 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA\_P

ClientSampleId :

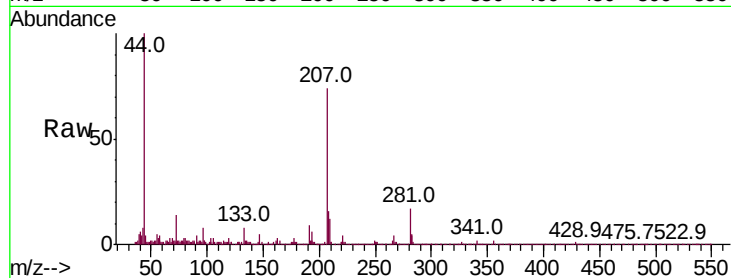
Tot Ion: 276 Resp: 29

Ion Ratio Lower Upper

276 100

277 232.0 18.6 28.0#

138 460.0 23.0 34.4#



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

200

150

100

50

0

17.62 17.64 17.66

17.63

Time-->

