

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\  
 Data File : BP001090.D  
 Acq On : 27 Nov 2019 16:58  
 Operator : JU  
 Sample : SSTDICC100  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Nov 27 17:24:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 15:39:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.33  | 152  | 199038   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.38 | 136  | 699874   | 20.00 | ng    | 0.01     |
| 39) Acenaphthene-d10      | 13.24 | 164  | 389824   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 15.63 | 188  | 710957   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 19.28 | 240  | 420220   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 21.06 | 264  | 475448   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 6.24  | 112  | 2092196  | 191.33 | ng    | 0.01     |
| 7) Phenol-d6                | 7.80  | 99   | 2812378  | 203.38 | ng    | 0.03     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 3125846  | 247.06 | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol    | 14.54 | 330  | 687140   | 147.66 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl        | 12.16 | 172  | 4657534  | 179.94 | ng    | 0.01     |
| 79) Terphenyl-d14           | 17.92 | 244  | 4382579  | 207.45 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|-------|------|----------|---------|-------|--------|
| 2) 1,4-Dioxane                 | 2.56  | 88   | 497841   | 104.710 | ng    | 98     |
| 3) Pyridine                    | 3.40  | 79   | 1425380  | 113.391 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.35  | 42   | 634355   | 144.794 | ng    | 97     |
| 6) Aniline                     | 7.81  | 93   | 1895042  | 104.932 | ng    | # 1    |
| 8) 2-Chlorophenol              | 8.00  | 128  | 1083751  | 93.460  | ng    | 99     |
| 9) Benzaldehyde                | 7.63  | 77   | 680927   | 70.576  | ng    | 100    |
| 10) Phenol                     | 7.82  | 94   | 1618610  | 107.016 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.95  | 93   | 1257106  | 106.766 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 8.25  | 146  | 1272921  | 87.498  | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.36  | 146  | 1285530  | 87.727  | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 8.60  | 146  | 1178370  | 86.955  | ng    | 100    |
| 15) Benzyl Alcohol             | 8.58  | 79   | 1160447  | 110.126 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80  | 45   | 2052593  | 166.923 | ng    | 98     |
| 17) 2-Methylphenol             | 8.76  | 107  | 1031190  | 104.741 | ng    | 98     |
| 18) Hexachloroethane           | 9.14  | 117  | 545603   | 101.365 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 9.03  | 70   | 1047350  | 126.137 | ng    | 99     |
| 20) 3+4-Methylphenols          | 9.02  | 107  | 1238696  | 101.417 | ng    | 96     |
| 22) Acetophenone               | 9.00  | 105  | 1976100  | 109.329 | ng    | # 99   |
| 24) Nitrobenzene               | 9.26  | 77   | 1544129  | 121.628 | ng    | 99     |
| 25) Isophorone                 | 9.66  | 82   | 2867038  | 123.113 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.76  | 139  | 600076   | 126.487 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 9.86  | 122  | 893991   | 100.630 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.02 | 93   | 1736605  | 114.054 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.16 | 162  | 1021789  | 95.289  | ng    | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.29 | 180  | 1155228  | 87.696  | ng    | 99     |
| 31) Naphthalene                | 10.41 | 128  | 3283259  | 93.895  | ng    | 99     |
| 32) Benzoic acid               | 10.12 | 122  | 753623   | 156.710 | ng    | 97     |
| 33) 4-Chloroaniline            | 10.51 | 127  | 1498868  | 99.961  | ng    | 99     |
| 34) Hexachlorobutadiene        | 10.63 | 225  | 728837   | 83.742  | ng    | 99     |
| 35) Caprolactam                | 11.15 | 113  | 313207   | 92.542  | ng    | 98     |
| 36) 4-Chloro-3-methylphenol    | 11.32 | 107  | 1230698  | 110.528 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 11.54 | 142  | 2251280  | 91.985  | ng    | 98     |
| 38) 1-Methylnaphthalene        | 11.70 | 142  | 2124546  | 91.869  | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.82 | 216  | 1123897  | 86.586  | ng    | 99     |

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 Response via : Initial Calibration

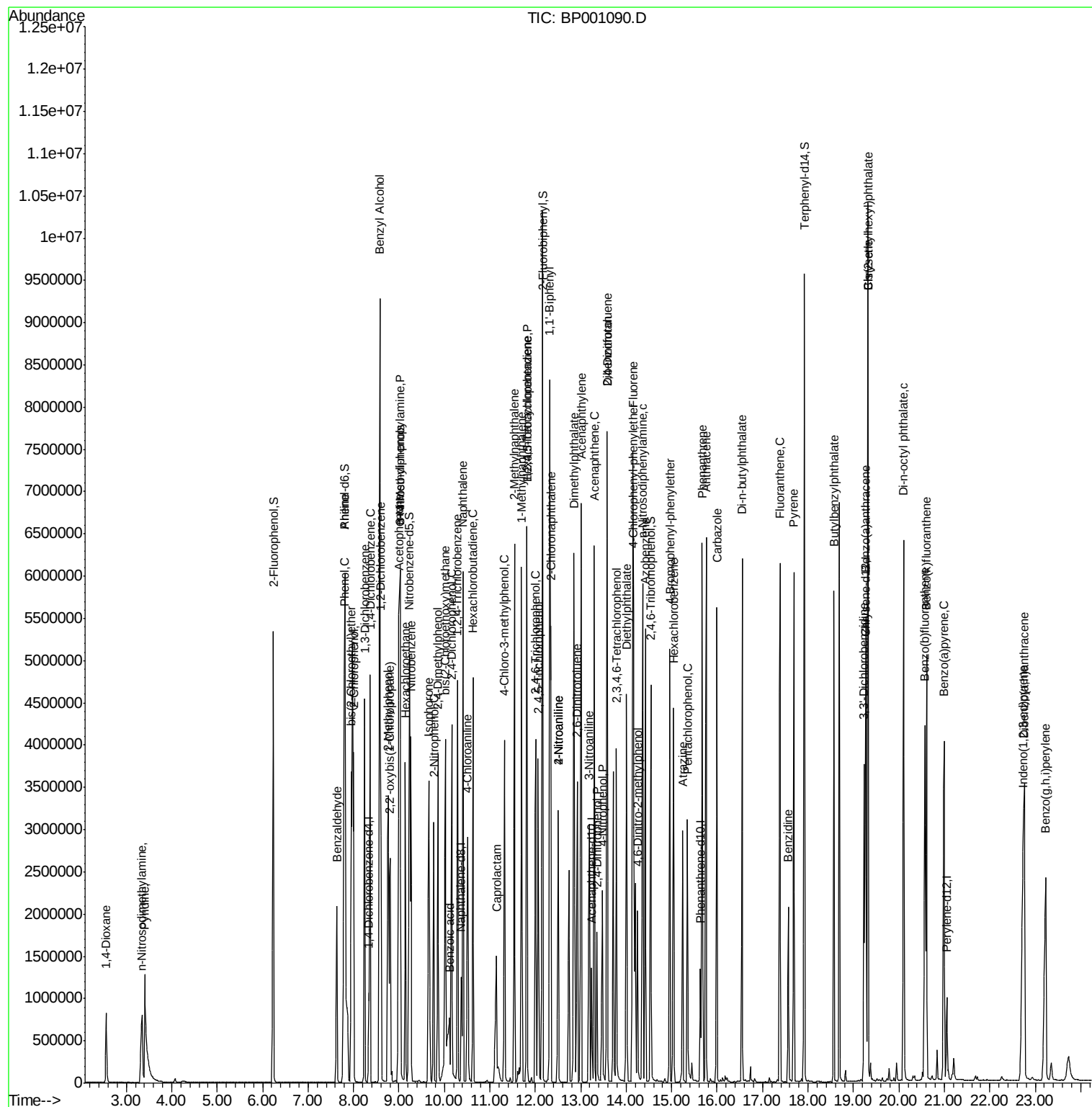
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 11.81 | 237  | 571183   | 87.839  | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.00 | 196  | 777013   | 99.283  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.06 | 196  | 802833   | 95.946  | nq    | 96       |
| 46) 1,1'-Biphenyl              | 12.32 | 154  | 2695800  | 92.487  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 12.34 | 162  | 2179265  | 92.874  | nq    | 99       |
| 48) 2-Nitroaniline             | 12.50 | 65   | 940251   | 153.088 | nq    | 98       |
| 49) Acenaphthylene             | 13.01 | 152  | 3249784  | 91.101  | nq    | 99       |
| 50) Dimethylphthalate          | 12.85 | 163  | 2630526  | 91.258  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 12.93 | 165  | 595629   | 99.061  | nq    | 100      |
| 52) Acenaphthene               | 13.30 | 154  | 1991983  | 93.363  | nq    | 100      |
| 53) 3-Nitroaniline             | 13.19 | 138  | 660803   | 100.760 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 13.36 | 184  | 261155   | 176.191 | nq    | 94       |
| 55) Dibenzofuran               | 13.59 | 168  | 2864094  | 85.944  | nq    | 98       |
| 56) 4-Nitrophenol              | 13.47 | 139  | 487312   | 106.853 | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 13.58 | 165  | 713765   | 94.509  | nq    | # 80     |
| 58) Fluorene                   | 14.15 | 166  | 2318522  | 87.419  | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 13.79 | 232  | 647545   | 91.017  | nq    | 99       |
| 60) Diethylphthalate           | 14.01 | 149  | 2801115  | 96.743  | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 14.16 | 204  | 1176735  | 83.913  | nq    | 99       |
| 62) 4-Nitroaniline             | 12.51 | 138  | 797784   | 113.455 | nq    | 98       |
| 63) Azobenzene                 | 14.42 | 77   | 3063804  | 120.904 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 14.25 | 198  | 331731   | 165.379 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 14.36 | 169  | 2030592  | 99.338  | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 14.96 | 248  | 731914   | 87.452  | nq    | 94       |
| 68) Hexachlorobenzene          | 15.05 | 284  | 794810   | 81.948  | nq    | 95       |
| 69) Atrazine                   | 15.25 | 200  | 462165   | 62.094  | nq    | 99       |
| 70) Pentachlorophenol          | 15.35 | 266  | 443367   | 102.694 | nq    | 97       |
| 71) Phenanthrene               | 15.67 | 178  | 3394997  | 93.301  | nq    | 99       |
| 72) Anthracene                 | 15.76 | 178  | 3354965  | 94.515  | nq    | 98       |
| 73) Carbazole                  | 16.00 | 167  | 2992301  | 91.946  | nq    | 99       |
| 74) Di-n-butylphthalate        | 16.55 | 149  | 4041225  | 102.891 | nq    | 99       |
| 75) Fluoranthene               | 17.38 | 202  | 3411637  | 82.950  | nq    | 100      |
| 77) Benzidine                  | 17.57 | 184  | 883336   | 57.082  | nq    | # 96     |
| 78) Pyrene                     | 17.69 | 202  | 3381361  | 113.861 | nq    | 99       |
| 80) Butylbenzylphthalate       | 18.57 | 149  | 1558667  | 132.551 | nq    | 96       |
| 81) Benzo(a)anthracene         | 19.27 | 228  | 2831232  | 100.038 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 19.24 | 252  | 859343   | 83.279  | nq    | 98       |
| 83) Chrysene                   | 19.32 | 228  | 2355137  | 94.785  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 19.32 | 149  | 1912024  | 127.885 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 20.10 | 149  | 3534310  | 131.310 | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 22.73 | 276  | 3247708  | 95.528  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 20.57 | 252  | 2725277  | 96.161  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 20.61 | 252  | 2412952  | 90.447  | nq    | 99       |
| 90) Benzo(a)pyrene             | 20.99 | 252  | 2575499  | 98.829  | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 22.76 | 278  | 2590427  | 97.393  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 23.23 | 276  | 2687375  | 100.343 | nq    | 100      |

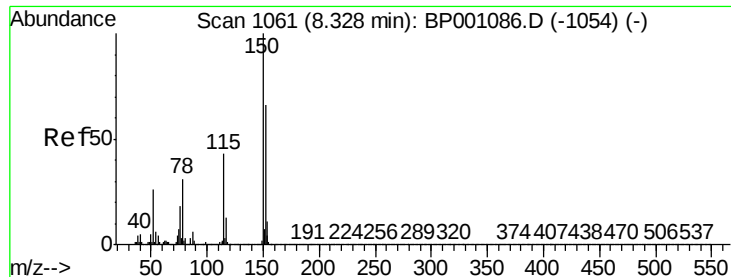
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampled :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1062

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

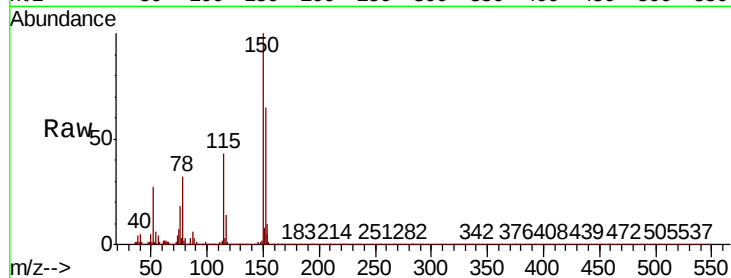
Tot Ion:152 Resp: 199038

Ion Ratio Lower Upper

152 100

150 155.0 120.6 181.0

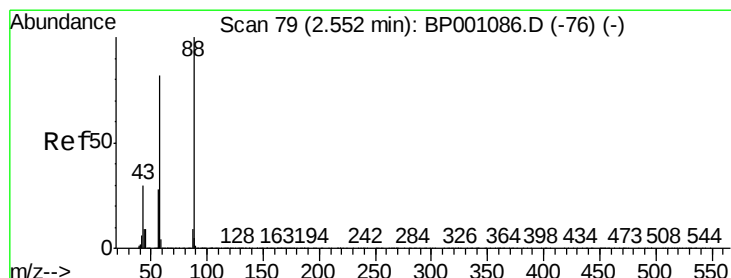
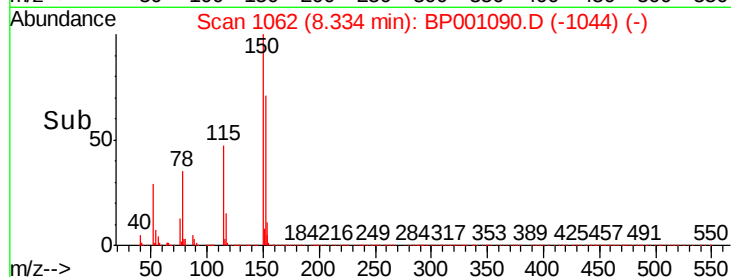
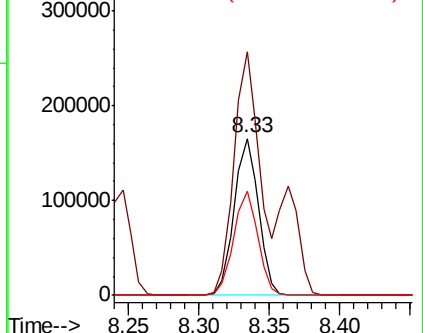
115 66.0 51.6 77.4



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: 104.710 ng

RT: 2.56 min Scan# 80

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

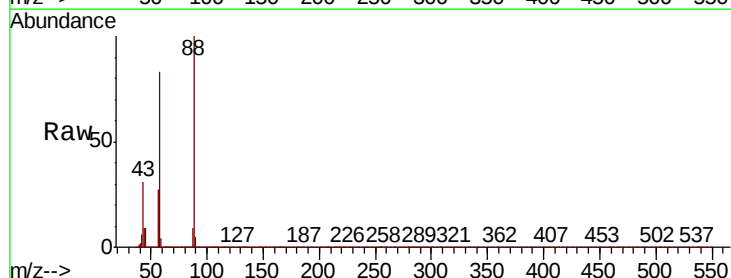
Tgt Ion: 88 Resp: 497841

Ion Ratio Lower Upper

88 100

58 81.7 64.3 96.5

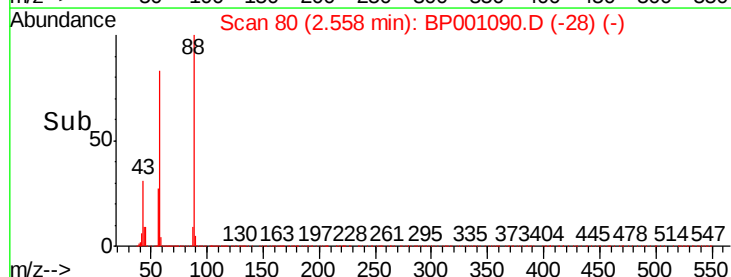
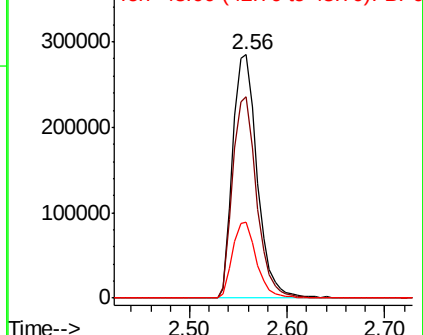
43 30.7 23.8 35.6

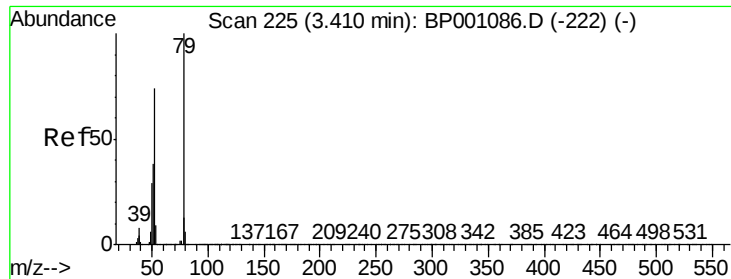


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

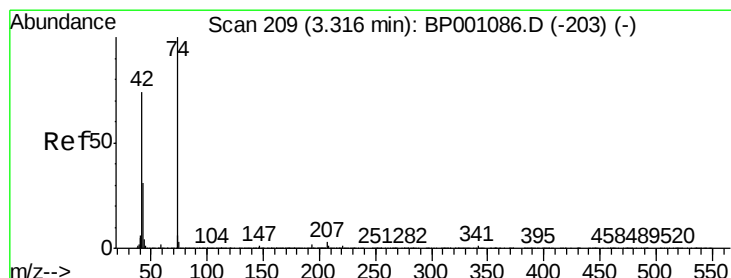
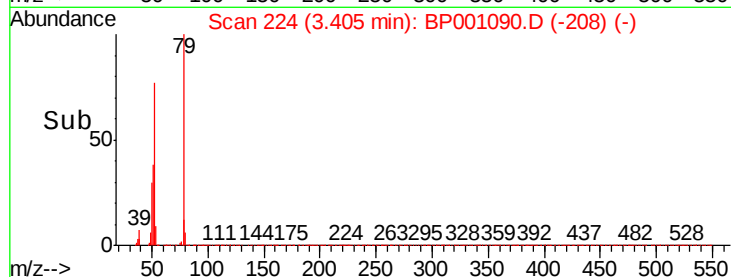
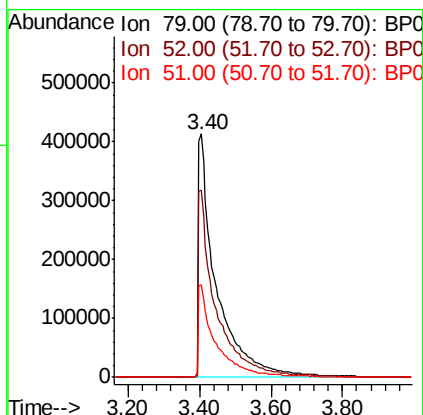
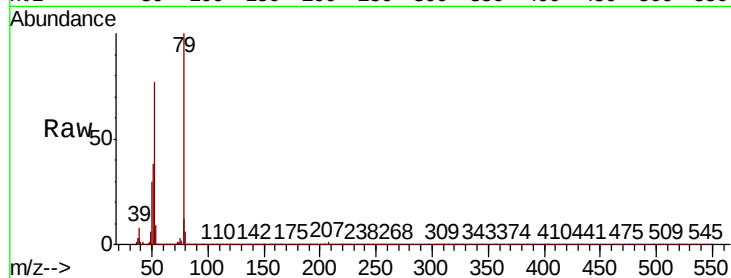




#3  
 Pvridine  
 Concen: 113.391 ng  
 RT: 3.40 min Scan# 224  
 Delta R.T. -0.01 min  
 Lab File: BP001090.D  
 Acq: 27 Nov 2019 16:58

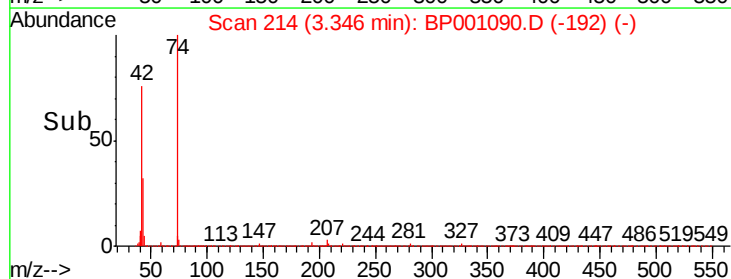
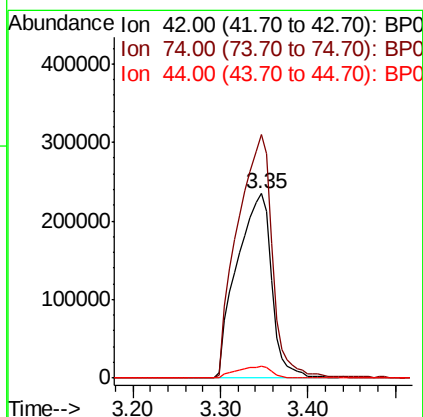
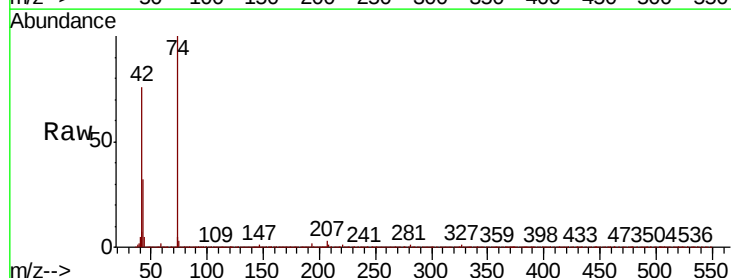
Instrument :  
 BNA\_P  
 ClientSampled :

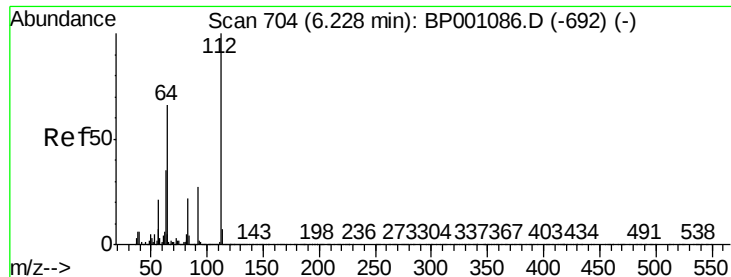
Tot Ion: 79 Resp: 1425380  
 Ion Ratio Lower Upper  
 79 100  
 52 76.9 59.4 89.2  
 51 38.2 30.2 45.4



#4  
 n-Nitrosodimethylamine  
 Concen: 144.794 ng  
 RT: 3.35 min Scan# 214  
 Delta R.T. 0.03 min  
 Lab File: BP001090.D  
 Acq: 27 Nov 2019 16:58

Tgt Ion: 42 Resp: 634355  
 Ion Ratio Lower Upper  
 42 100  
 74 132.1 108.6 163.0  
 44 6.2 5.1 7.7





#5

2-Fluorophenol

Concen: 191.329 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

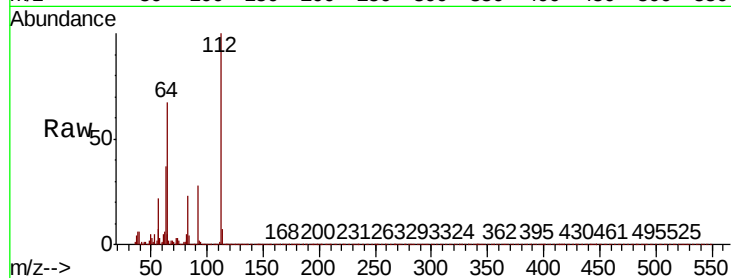
Tot Ion:112 Resp: 2092196

Ion Ratio Lower Upper

112 100

64 67.4 52.8 79.2

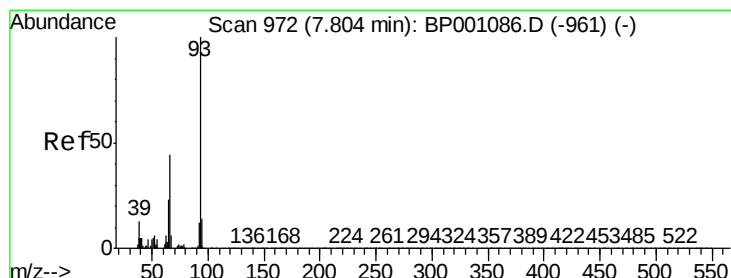
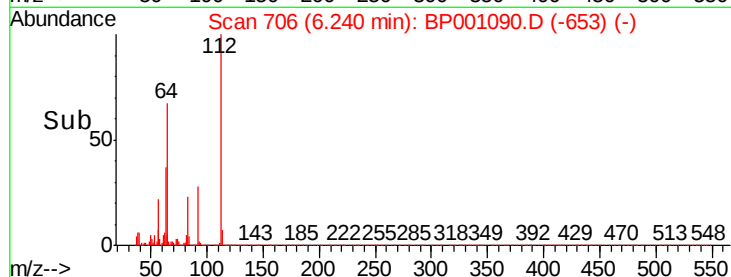
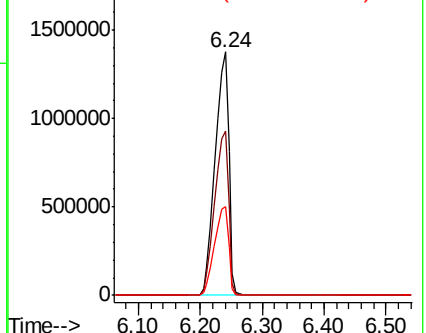
63 36.7 28.2 42.2



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: 104.932 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

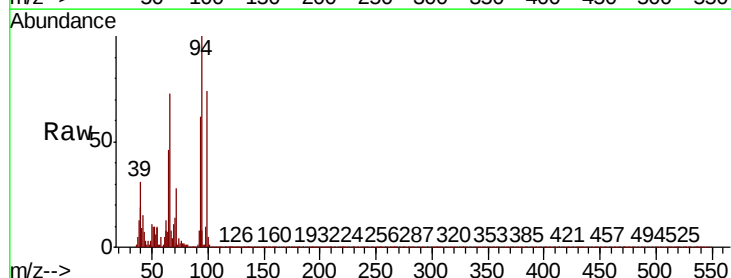
Tgt Ion: 93 Resp: 1895042

Ion Ratio Lower Upper

93 100

66 117.0 34.9 52.3#

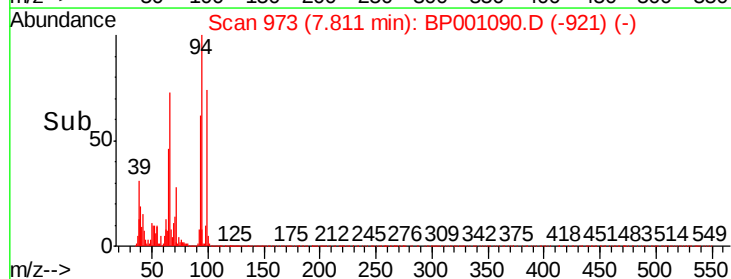
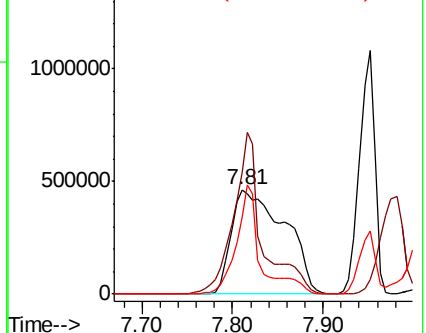
65 73.6 18.5 27.7#

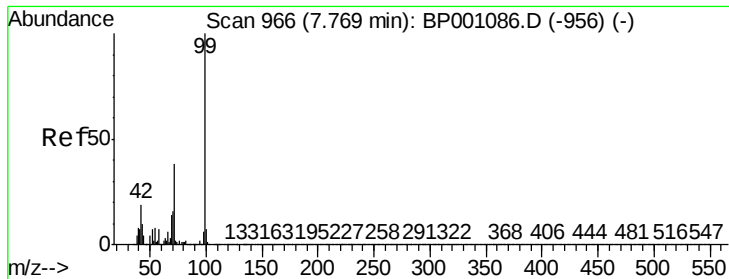


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 203.382 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.03 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

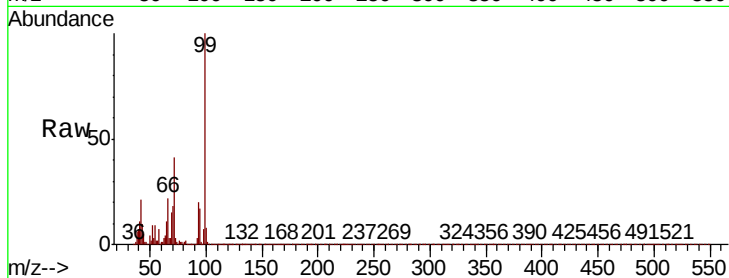
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 2812378

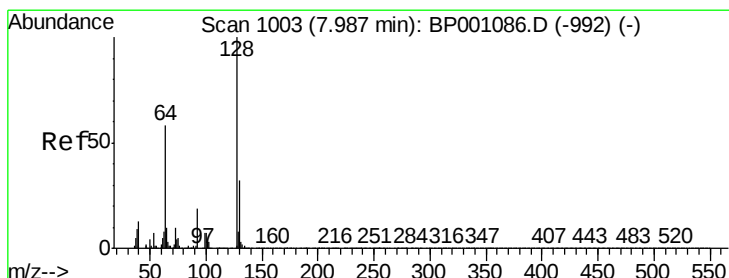
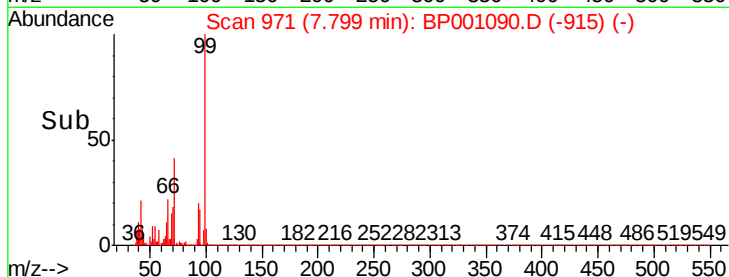
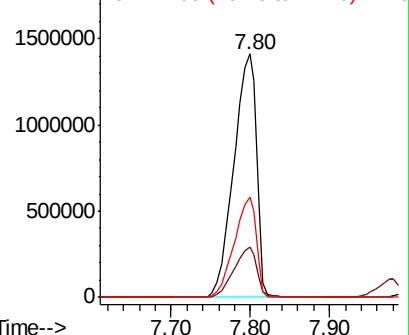
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.8  | 15.4  | 23.0  |
| 71  | 41.1  | 30.8  | 46.2  |



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: 93.460 ng

RT: 8.00 min Scan# 1006

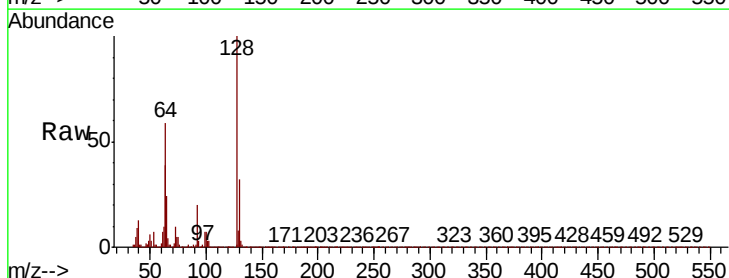
Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Tgt Ion: 128 Resp: 1083751

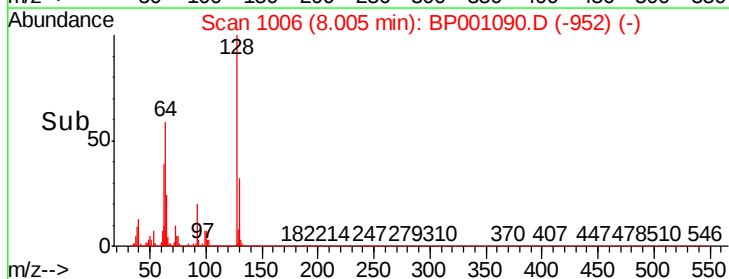
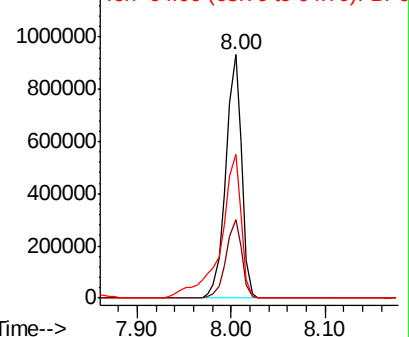
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.0  | 11.7  | 51.7  |
| 64  | 59.2  | 39.7  | 79.7  |

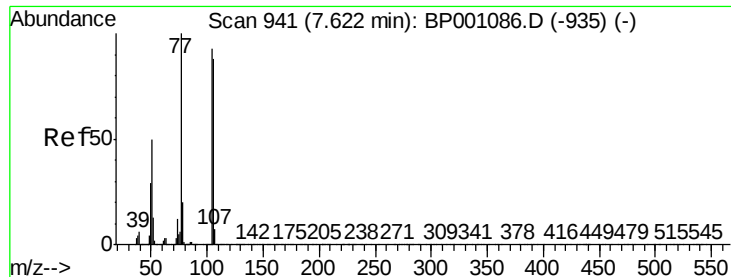


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 70.576 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampled :

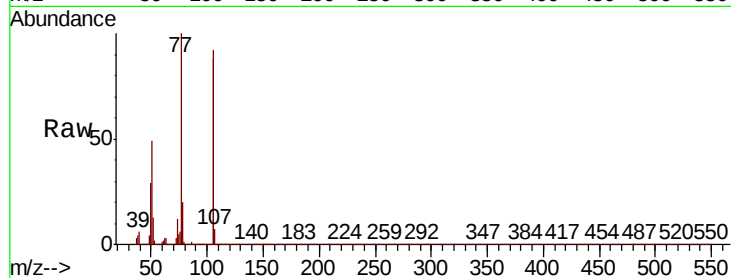
Tot Ion: 77 Resp: 680927

Ion Ratio Lower Upper

77 100

105 92.0 72.5 112.5

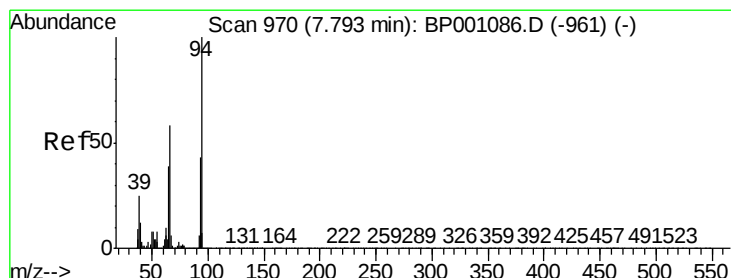
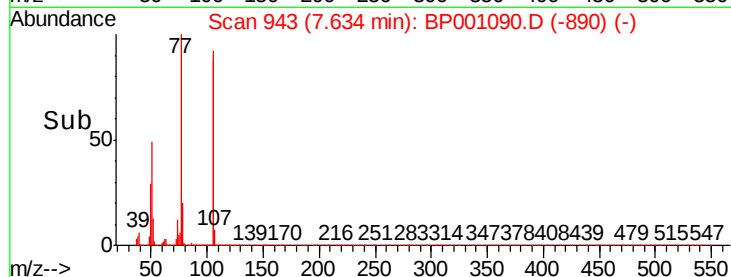
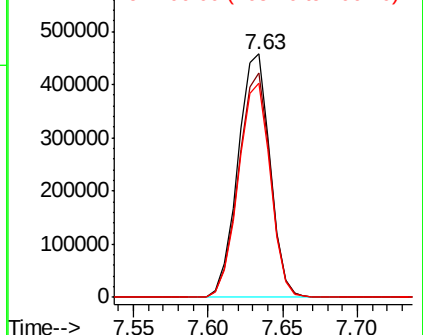
106 87.9 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 107.016 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

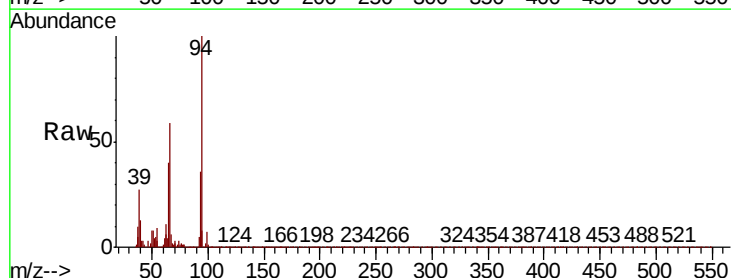
Tgt Ion: 94 Resp: 1618610

Ion Ratio Lower Upper

94 100

65 39.7 18.6 58.6

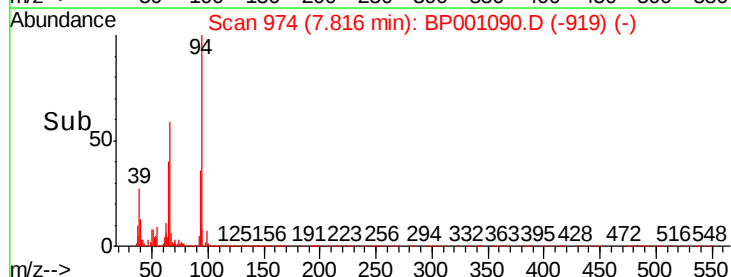
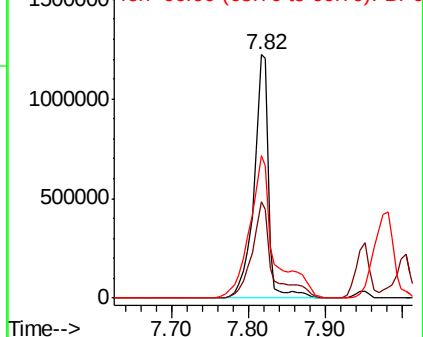
66 58.7 37.6 77.6

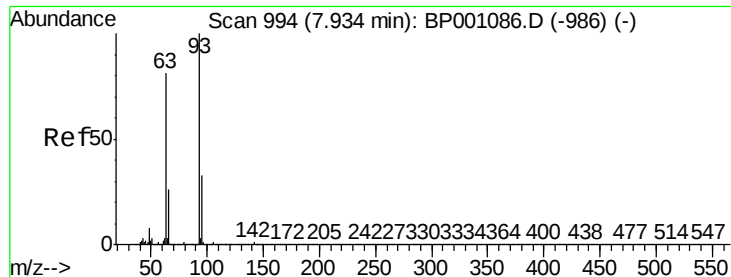


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

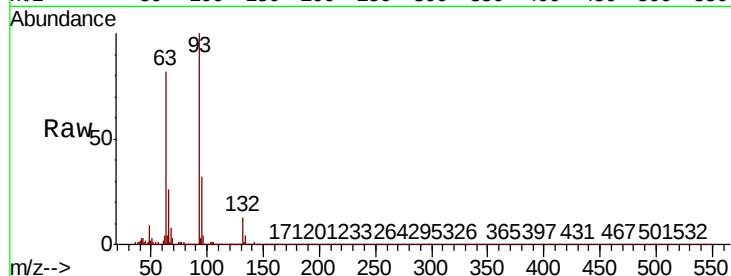




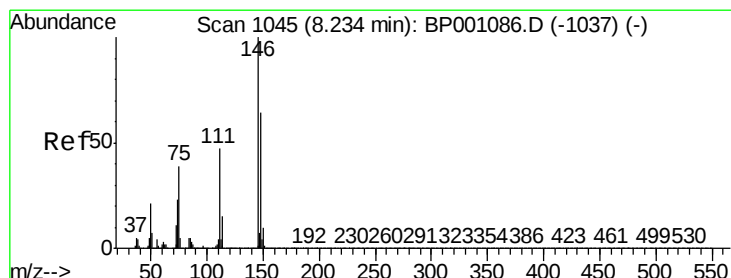
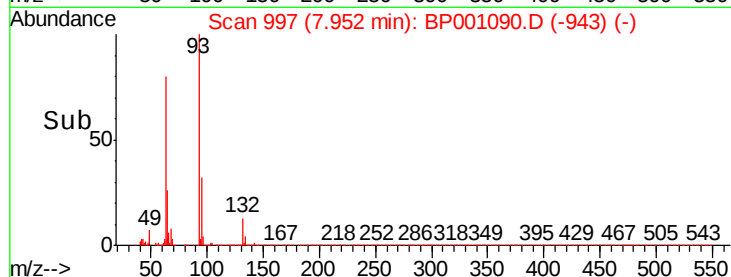
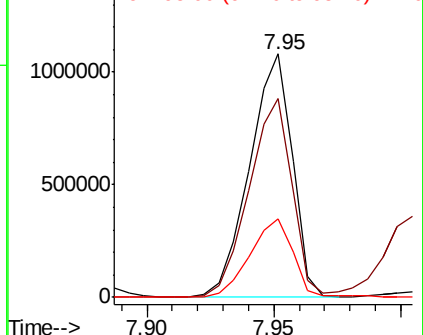
#11  
bis(2-Chloroethyl)ether  
Concen: 106.766 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion: 93 Resp: 1257106  
Ion Ratio Lower Upper  
93 100  
63 81.6 60.7 100.7  
95 32.0 12.7 52.7

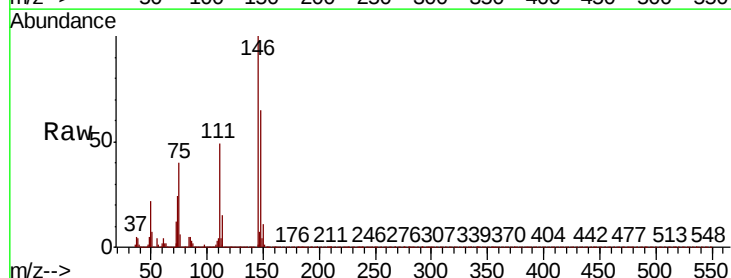


Abundance Ion 93.00 (92.70 to 93.70): BP0  
Ion 63.00 (62.70 to 63.70): BP0  
Ion 95.00 (94.70 to 95.70): BP0

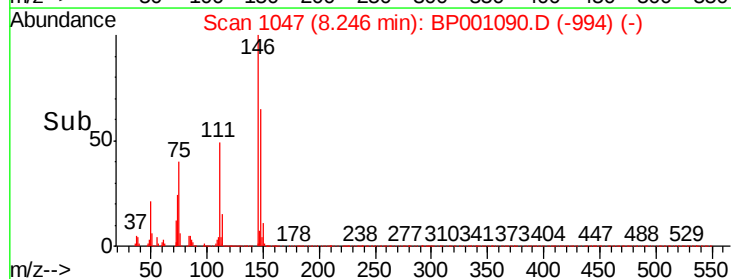
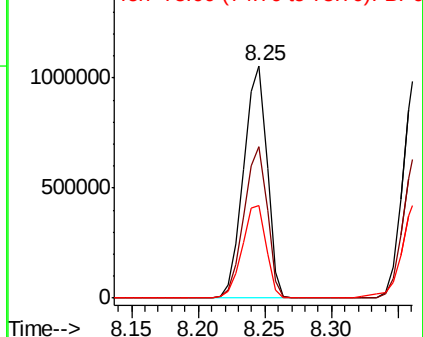


#12  
1,3-Dichlorobenzene  
Concen: 87.498 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion: 146 Resp: 1272921  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.1 76.7  
75 39.7 31.3 46.9



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BP0

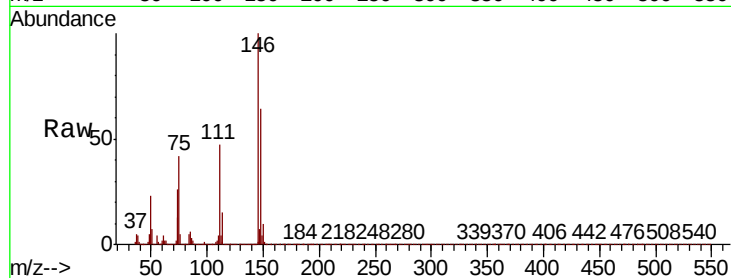




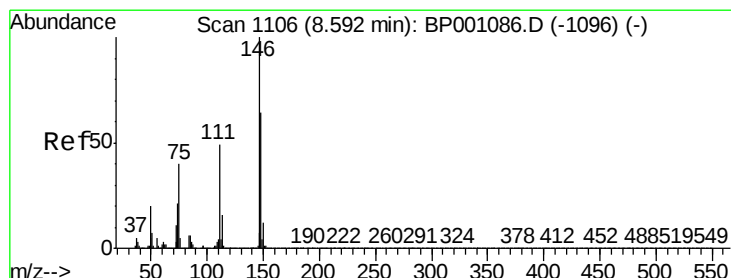
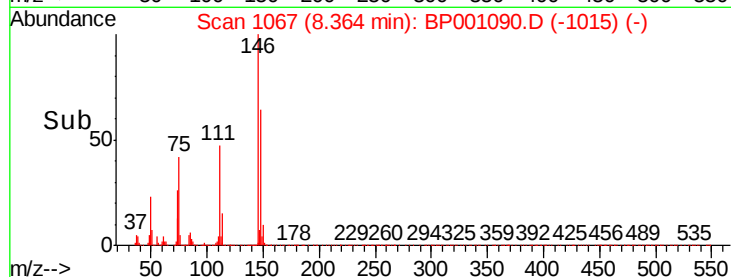
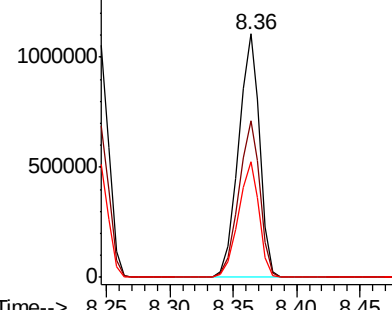
#13  
1,4-Dichlorobenzene  
Concen: 87.727 ng  
RT: 8.36 min Scan# 1067  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:146 Resp: 1285530  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.6 77.4  
111 47.3 37.0 55.6

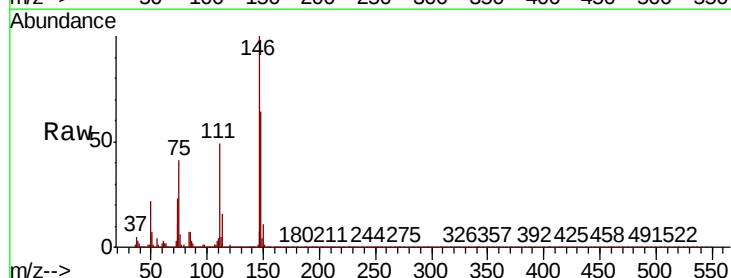


Abundance Ion 146.00 (145.70 to 146.70): E  
1500000 Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

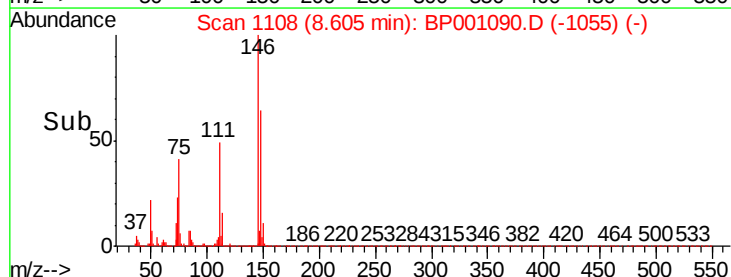
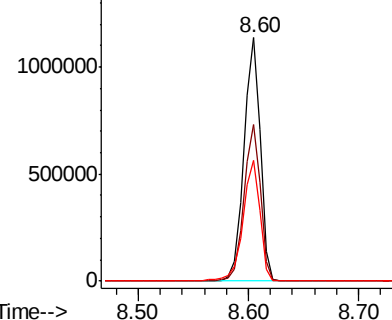


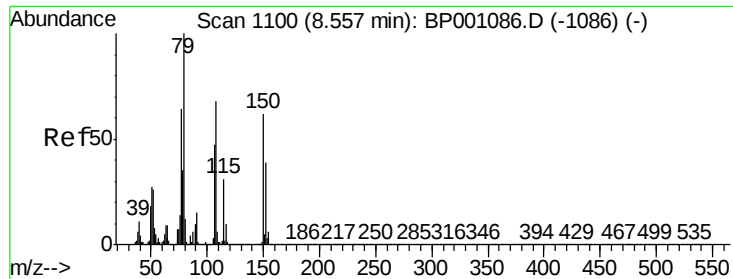
#14  
1,2-Dichlorobenzene  
Concen: 86.955 ng  
RT: 8.60 min Scan# 1108  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:146 Resp: 1178370  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.5 77.3  
111 49.3 39.3 58.9



Abundance Ion 146.00 (145.70 to 146.70): E  
1500000 Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 110.126 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampled :

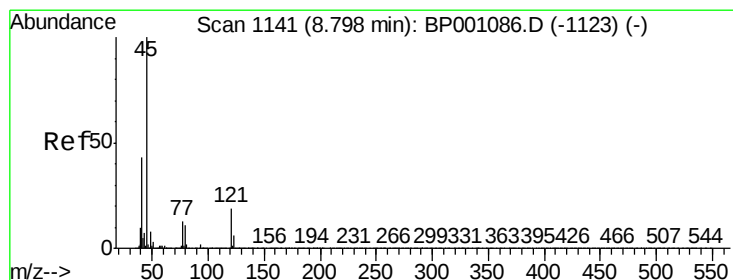
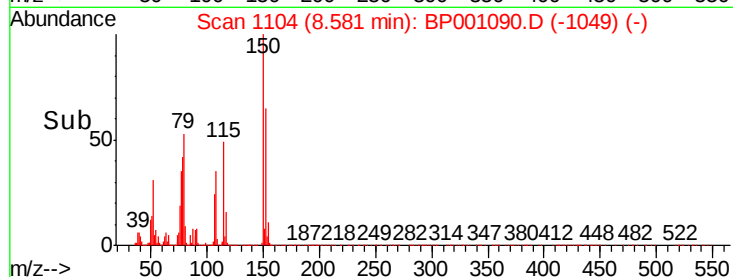
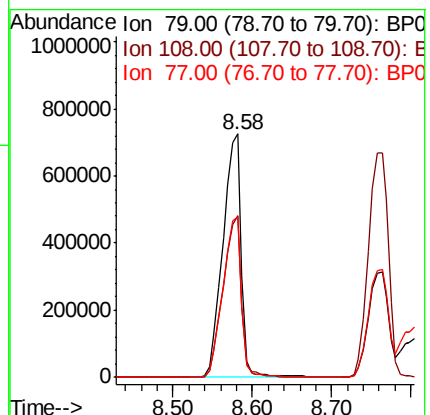
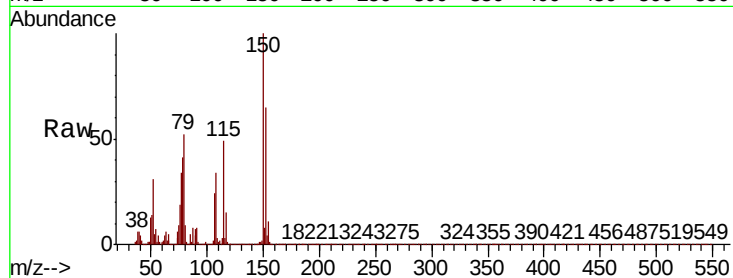
Tot Ion: 79 Resp: 1160447

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 66.3  | 54.8  | 82.2  |
| 77  | 66.1  | 51.4  | 77.2  |

79 100

108 66.3 54.8 82.2

77 66.1 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 166.923 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

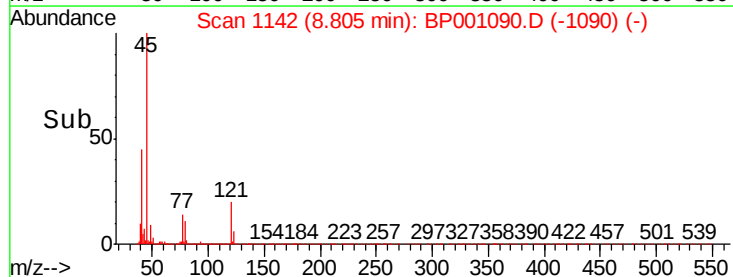
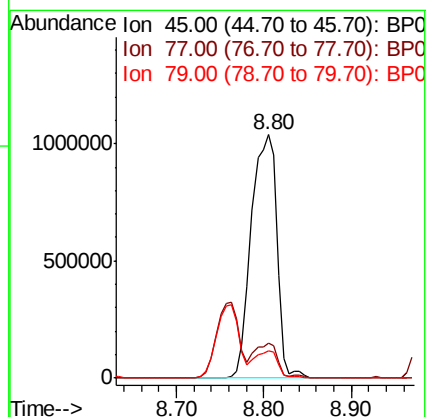
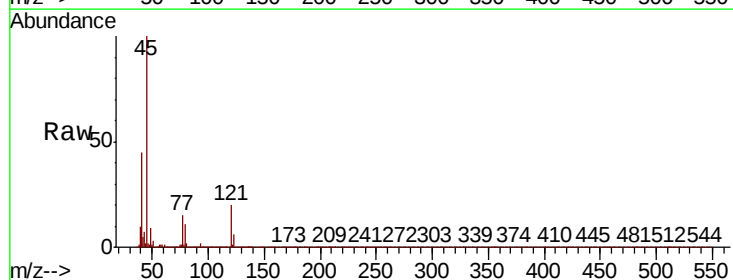
Tgt Ion: 45 Resp: 2052593

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 14.5  | 0.0   | 33.3  |
| 79  | 11.3  | 0.0   | 30.9  |

45 100

77 14.5 0.0 33.3

79 11.3 0.0 30.9

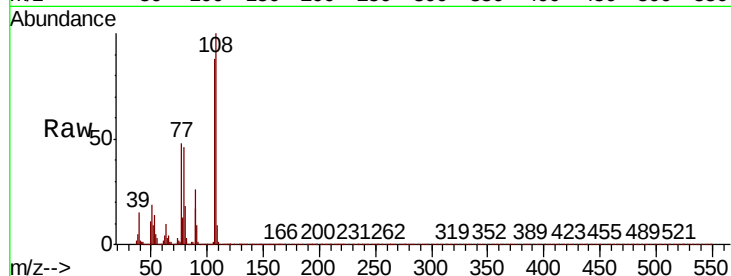




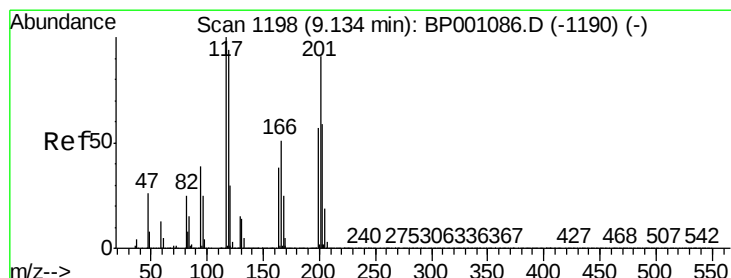
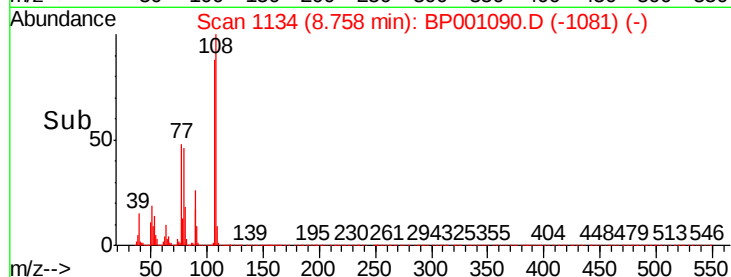
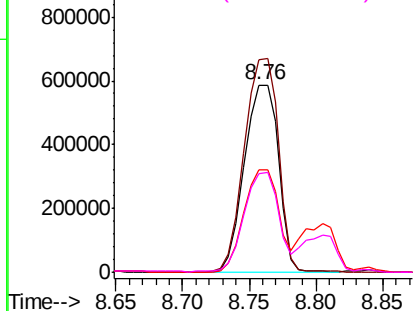
#17  
2-Methylphenol  
Concen: 104.741 ng  
RT: 8.76 min Scan# 1134  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:107 Resp: 1031190  
Ion Ratio Lower Upper  
107 100  
108 113.6 89.8 134.6  
77 54.4 41.4 62.2  
79 52.8 40.6 61.0

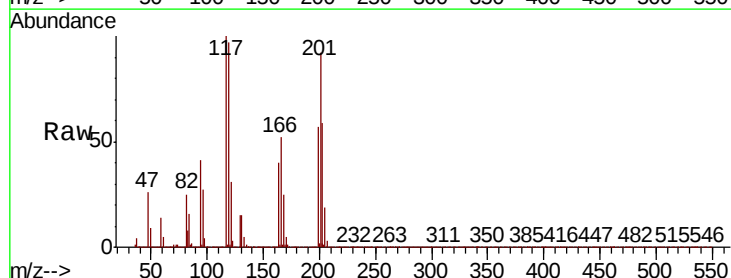


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BP0  
Ion 79.00 (78.70 to 79.70): BP0

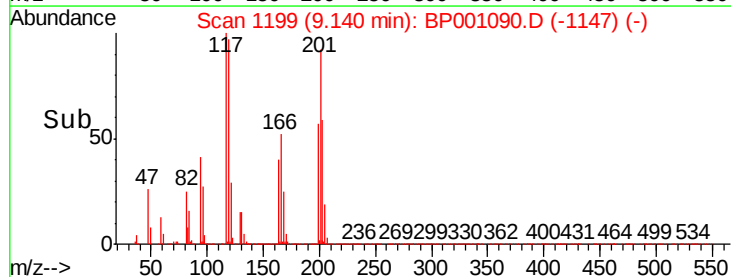
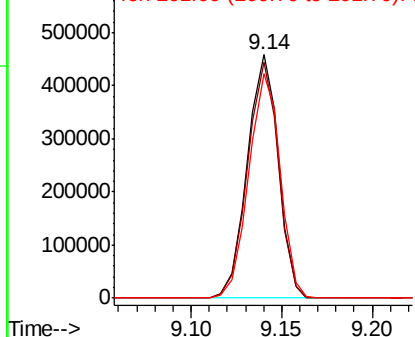


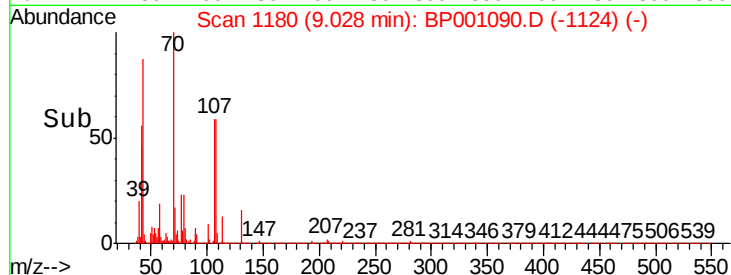
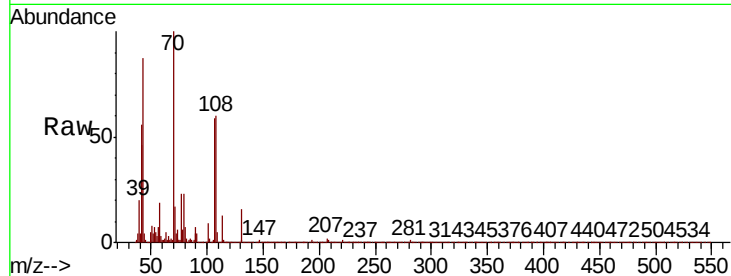
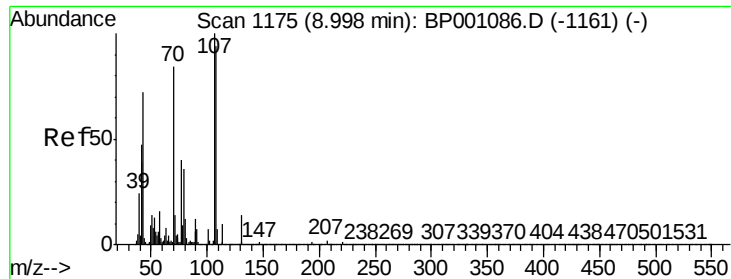
#18  
Hexachloroethane  
Concen: 101.365 ng  
RT: 9.14 min Scan# 1199  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:117 Resp: 545603  
Ion Ratio Lower Upper  
117 100  
119 96.7 75.2 112.8  
201 92.2 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

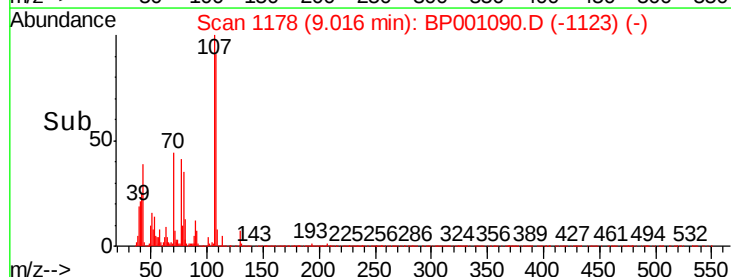
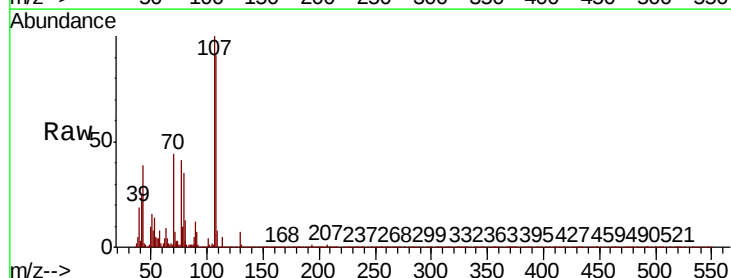
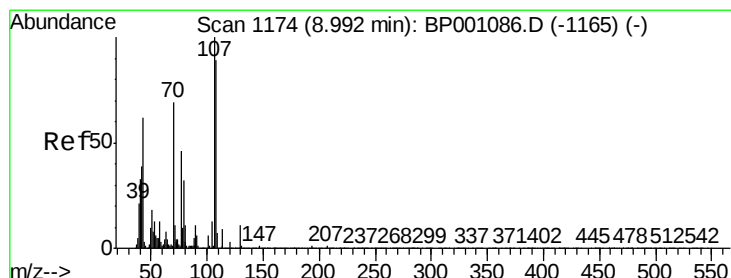
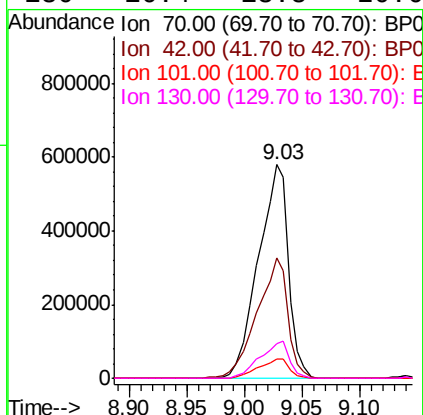




#19  
n-Nitroso-di-n-propylamine  
Concen: 126.137 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. 0.03 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

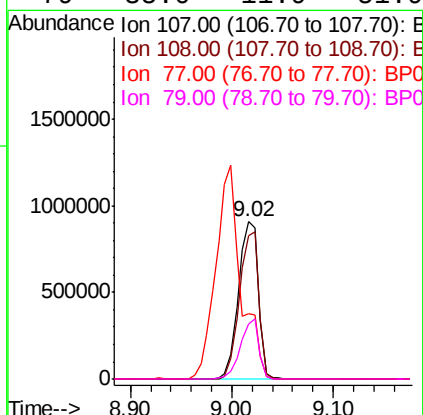
Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion: 70 Resp: 1047350  
Ion Ratio Lower Upper  
70 100  
42 56.1 44.6 66.8  
101 9.2 7.1 10.7  
130 16.4 13.8 20.6



#20  
3+4-Methylphenols  
Concen: 101.417 ng  
RT: 9.02 min Scan# 1178  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:107 Resp: 1238696  
Ion Ratio Lower Upper  
107 100  
108 91.3 68.9 108.9  
77 41.3 25.9 65.9  
79 35.0 11.9 51.9

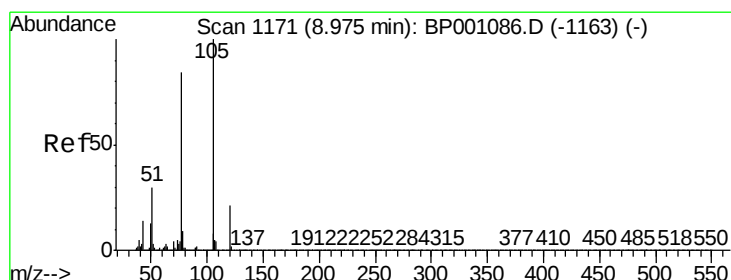
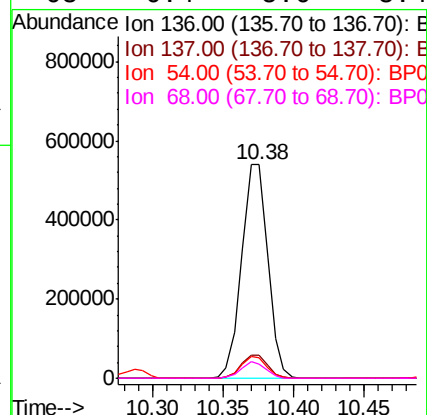
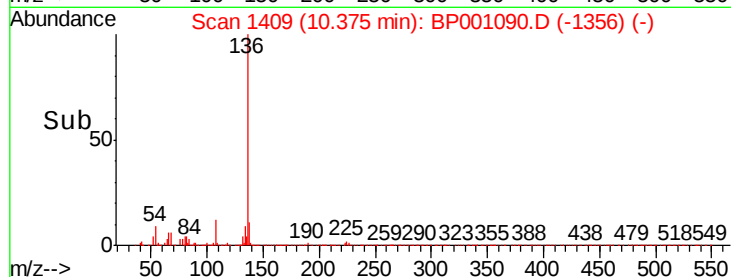
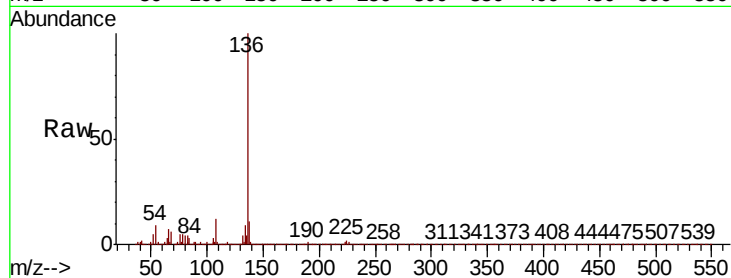




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.38 min Scan# 1409  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

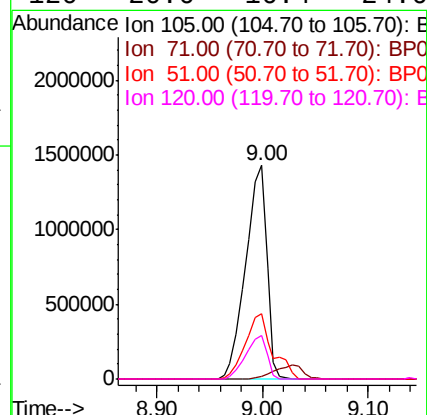
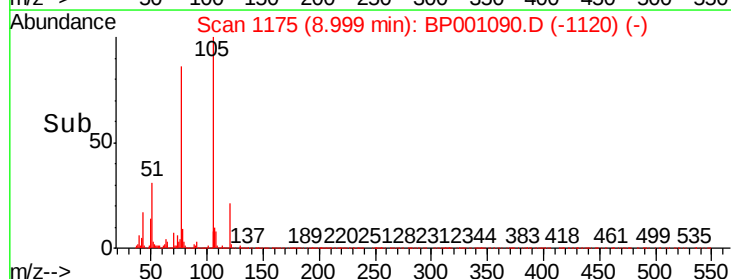
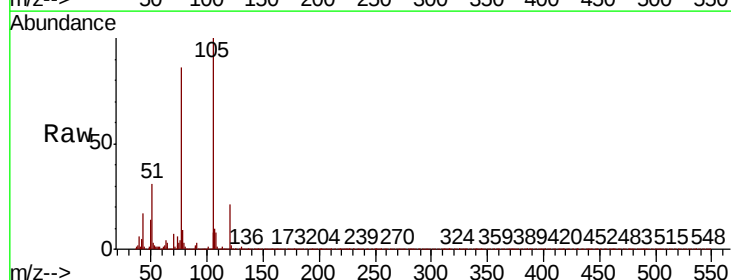
Instrument :  
BNA\_P  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 699874 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.8    | 8.8 13.2     |
| 54 9.3      | 7.9 11.9     |
| 68 6.4      | 5.6 8.4      |



#22  
Acetophenone  
Concen: 109.329 ng  
RT: 9.00 min Scan# 1175  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1976100 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 1.1     | 0.5   | 0.7#    |
| 51  | 30.7    | 24.2  | 36.4    |
| 120 | 20.6    | 16.4  | 24.6    |

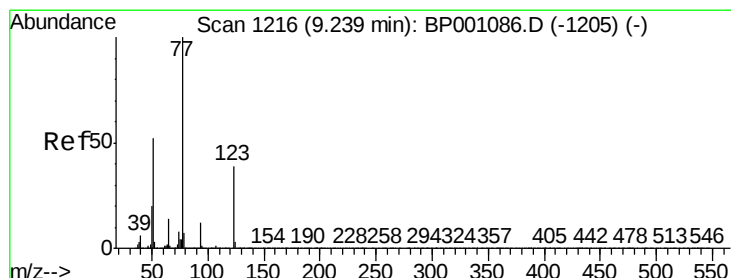
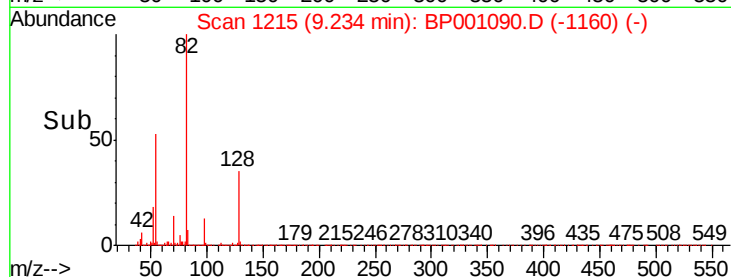
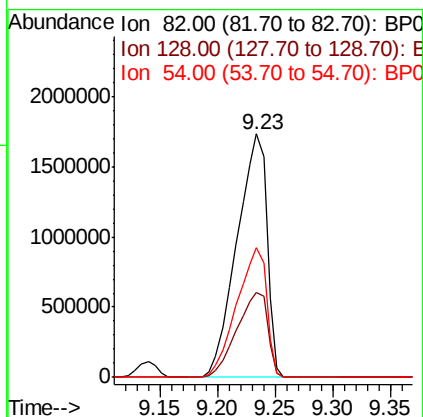
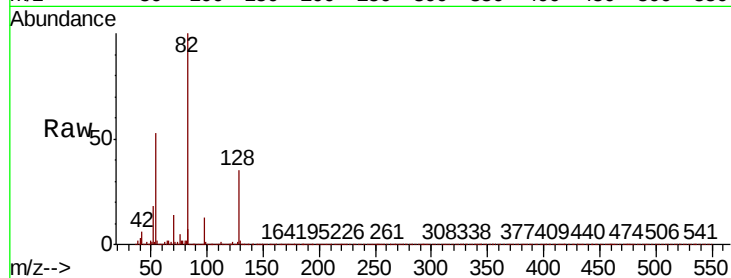




#23  
Nitrobenzene-d5  
Concen: 247.060 ng  
RT: 9.23 min Scan# 1215  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

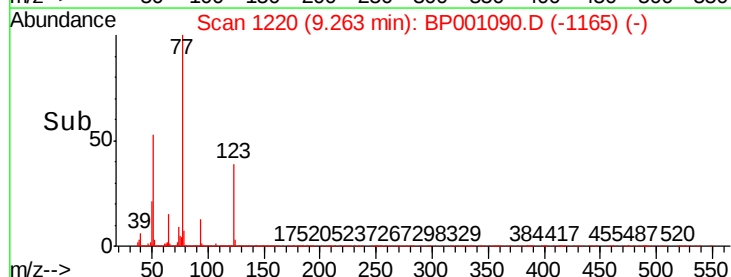
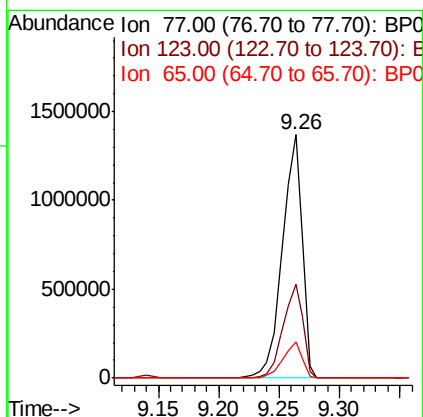
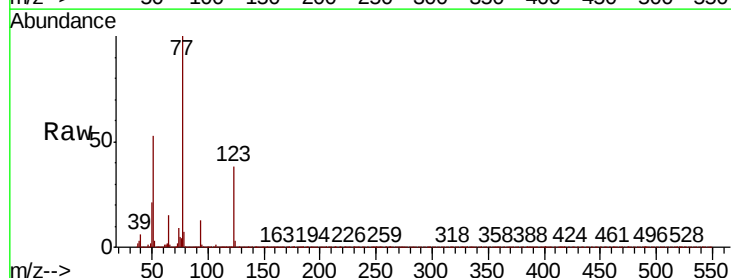
Instrument :  
BNA\_P  
ClientSampleId :

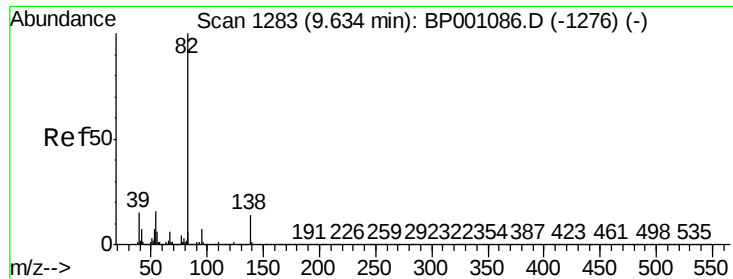
Tot Ion: 82 Resp: 3125846  
Ion Ratio Lower Upper  
82 100  
128 35.1 28.9 43.3  
54 53.2 41.9 62.9



#24  
Nitrobenzene  
Concen: 121.628 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion: 77 Resp: 1544129  
Ion Ratio Lower Upper  
77 100  
123 38.5 31.0 46.4  
65 14.6 11.0 16.6





#25

Isophorone

Concen: 123.113 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

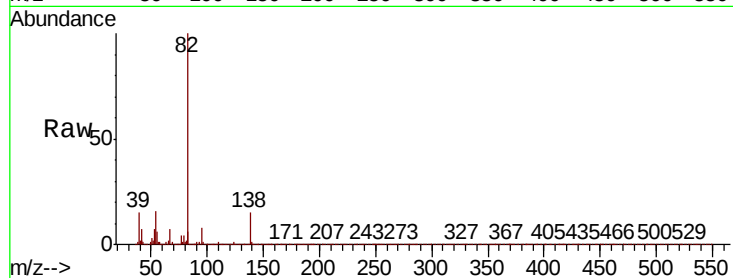
Tot Ion: 82 Resp: 2867038

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

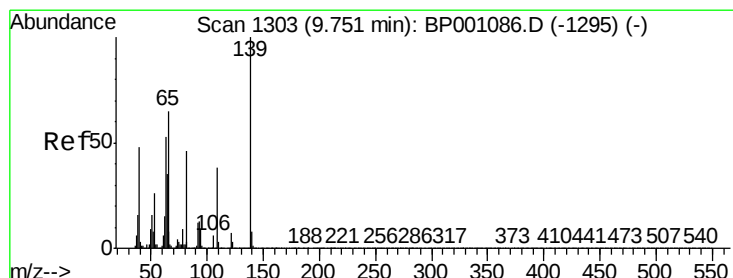
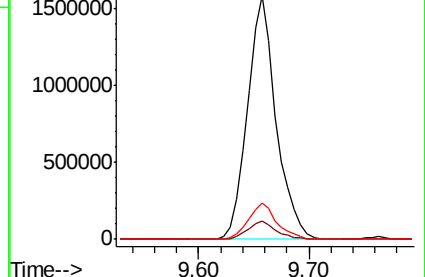
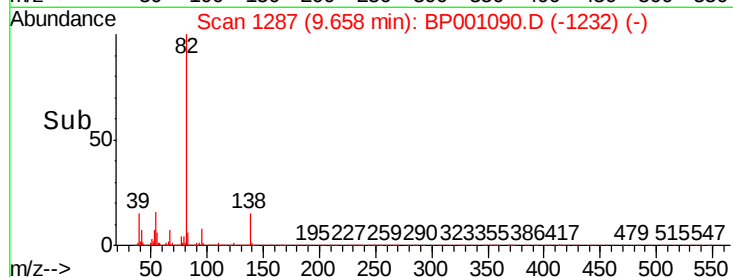
138 14.6 11.3 16.9



Abundance Ion 82.00 (81.70 to 82.70): BP001086.D (-1276) (-)

Ion 95.00 (94.70 to 95.70): BP001086.D (-1276) (-)

Ion 138.00 (137.70 to 138.70): BP001086.D (-1276) (-)



#26

2-Nitrophenol

Concen: 126.487 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

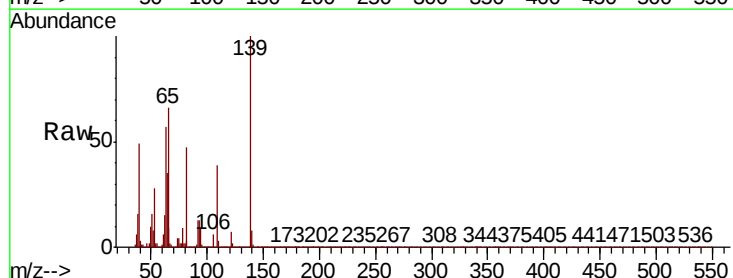
Tgt Ion: 139 Resp: 600076

Ion Ratio Lower Upper

139 100

109 39.5 30.6 45.8

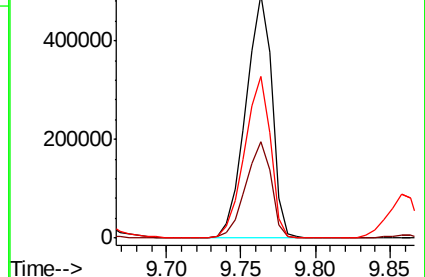
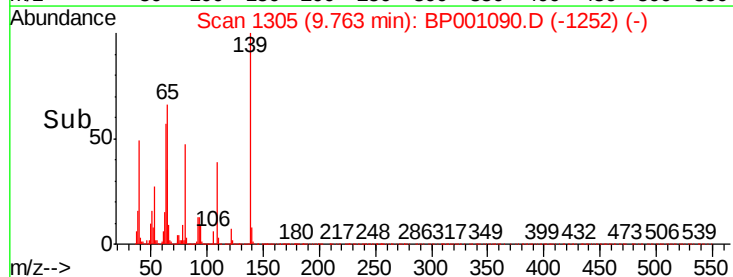
65 66.3 51.8 77.8

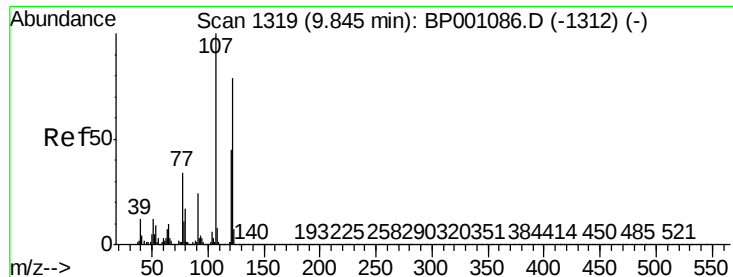


Abundance Ion 139.00 (138.70 to 139.70): BP001086.D (-1295) (-)

Ion 109.00 (108.70 to 109.70): BP001086.D (-1295) (-)

Ion 65.00 (64.70 to 65.70): BP001086.D (-1295) (-)





#27

2,4-Dimethylphenol

Concen: 100.630 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

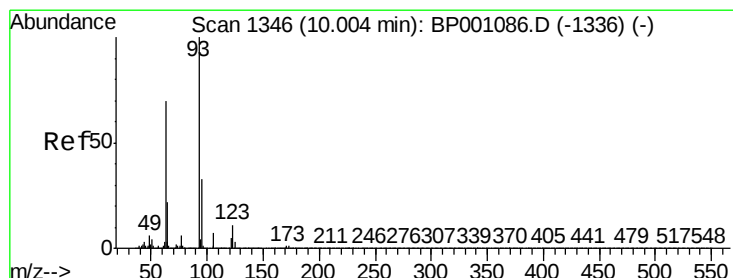
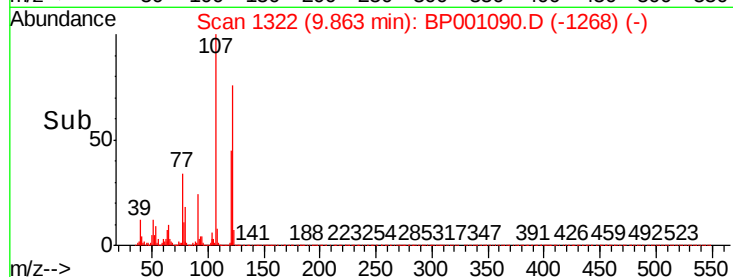
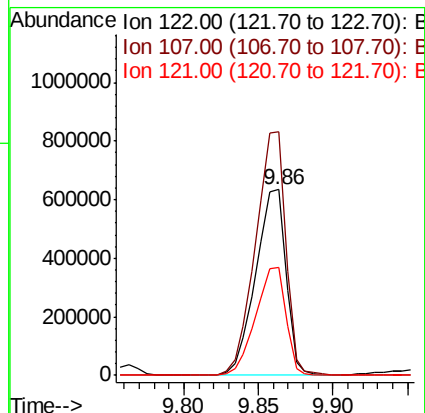
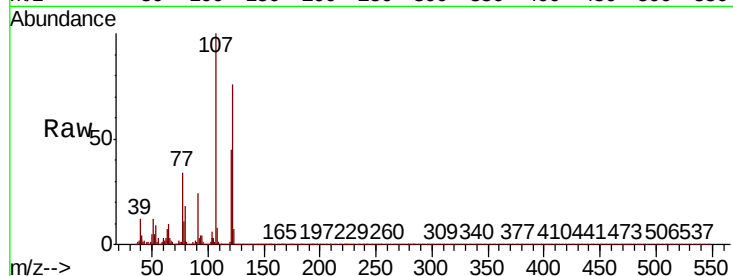
Tot Ion:122 Resp: 893991

Ion Ratio Lower Upper

122 100

107 131.0 101.9 152.9

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 114.054 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

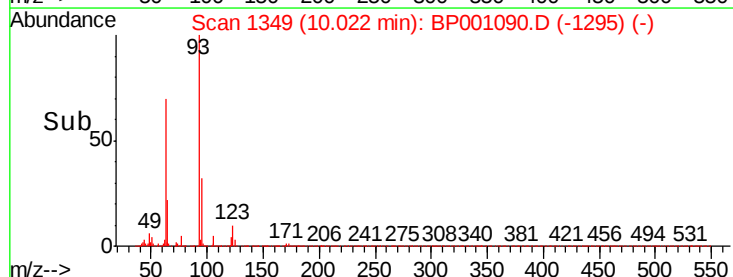
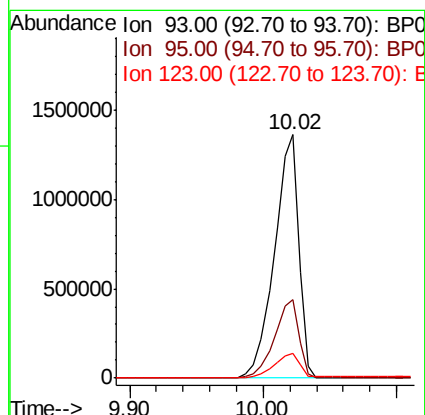
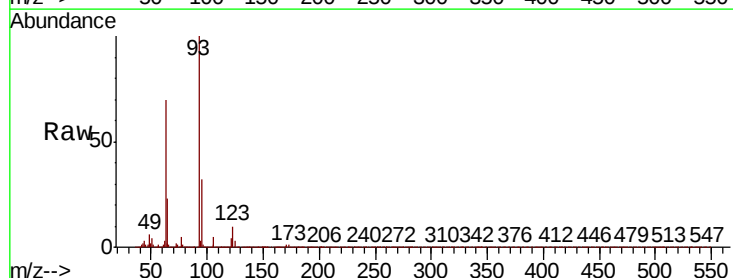
Tgt Ion: 93 Resp: 1736605

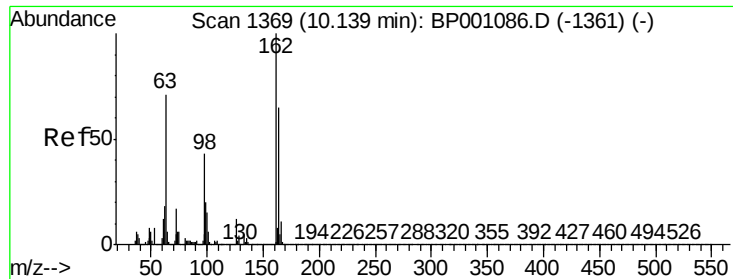
Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

123 10.1 8.9 13.3

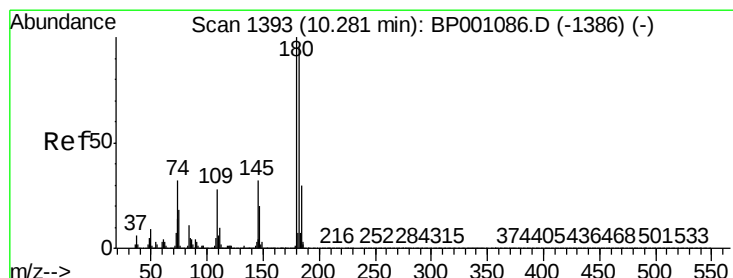
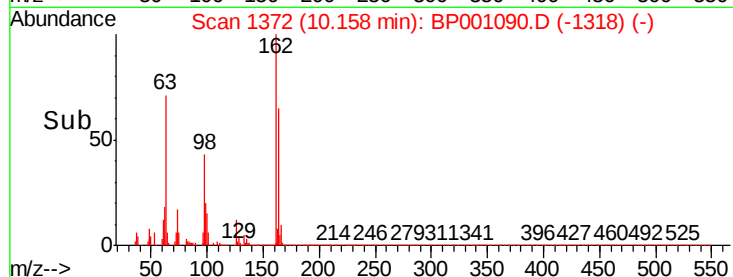
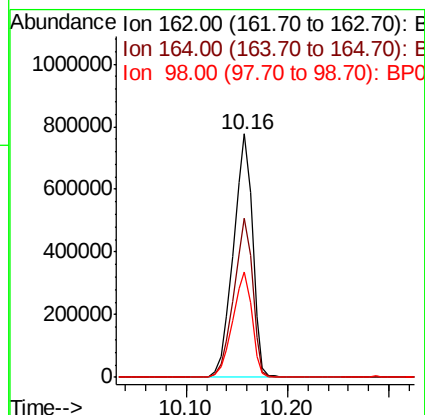
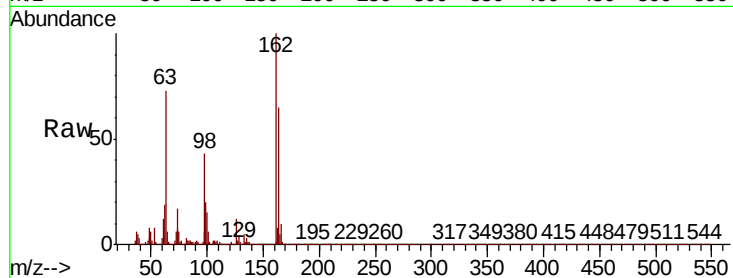




#29  
2,4-Dichlorophenol  
Concen: 95.289 ng  
RT: 10.16 min Scan# 1372  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

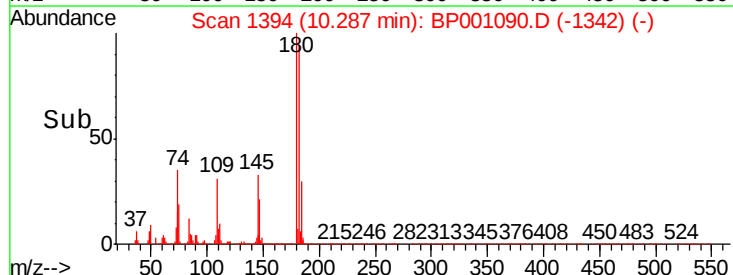
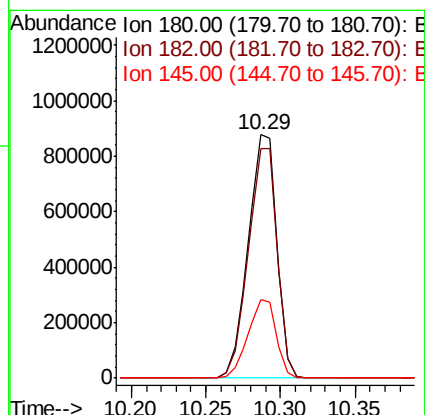
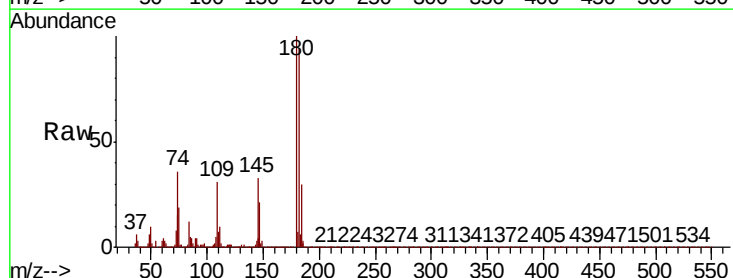
Instrument :  
BNA\_P  
ClientSampleId :

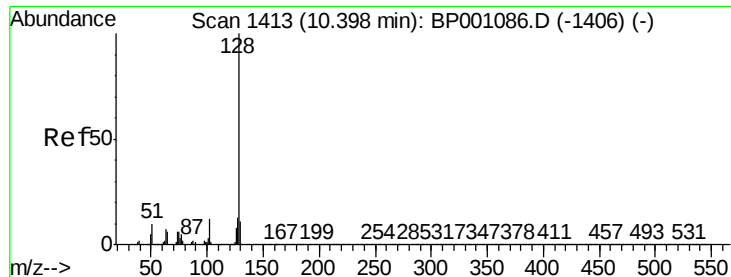
Tot Ion:162 Resp: 1021789  
Ion Ratio Lower Upper  
162 100  
164 65.2 45.1 85.1  
98 43.2 23.4 63.4



#30  
1,2,4-Trichlorobenzene  
Concen: 87.696 ng  
RT: 10.29 min Scan# 1394  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:180 Resp: 1155228  
Ion Ratio Lower Upper  
180 100  
182 94.4 76.3 114.5  
145 32.5 25.4 38.2

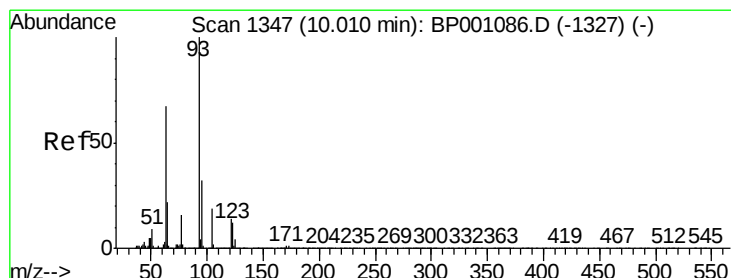
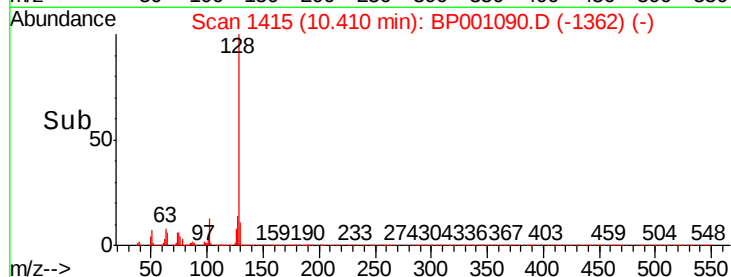
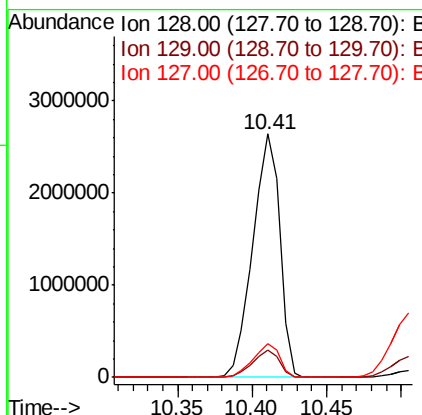
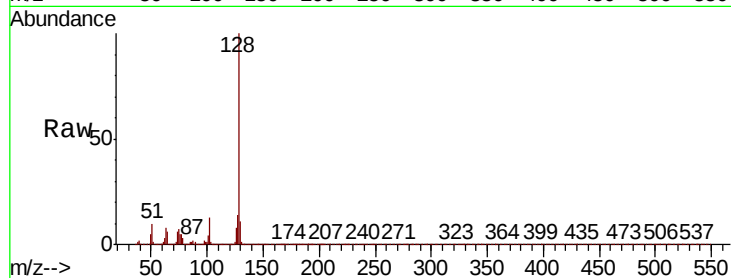




#31  
Naphthalene  
Concen: 93.895 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

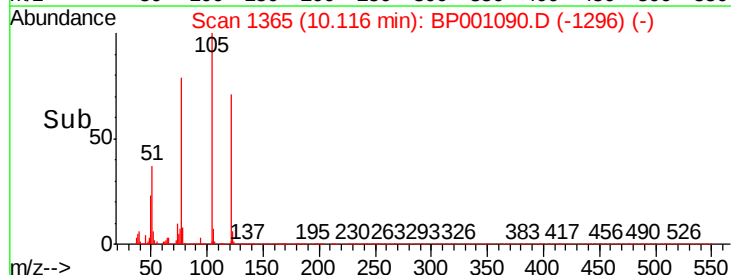
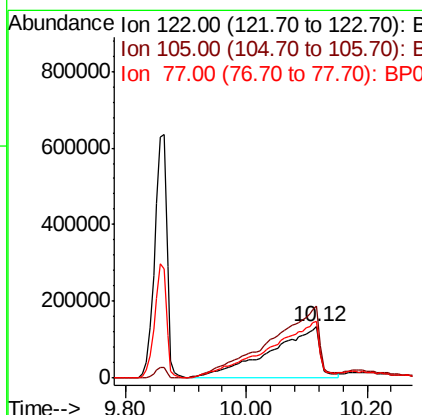
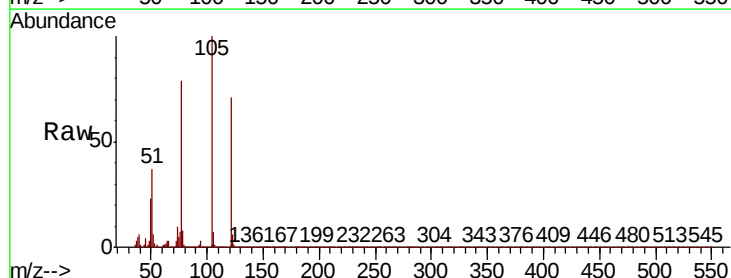
Instrument :  
BNA\_P  
ClientSampleId :

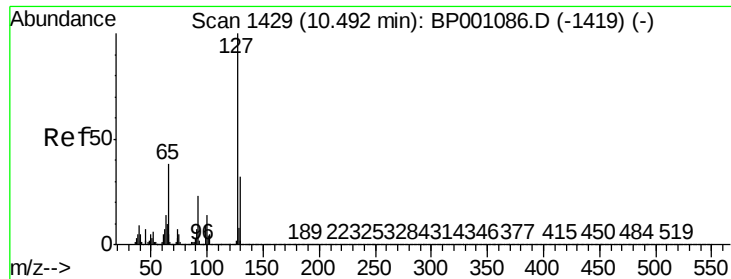
Tot Ion:128 Resp: 3283259  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.8 10.6 16.0



#32  
Benzoic acid  
Concen: 156.710 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.11 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:122 Resp: 753623  
Ion Ratio Lower Upper  
122 100  
105 140.4 116.8 156.8  
77 111.3 95.0 135.0

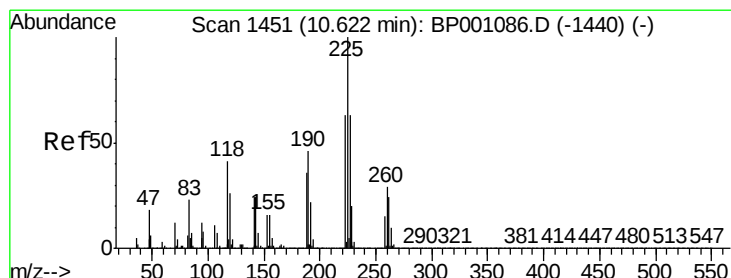
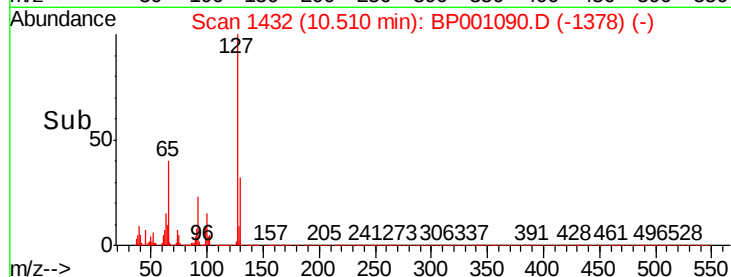
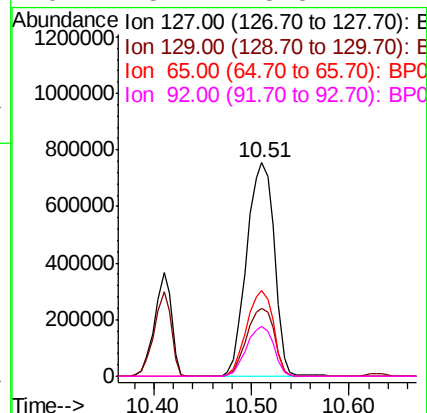
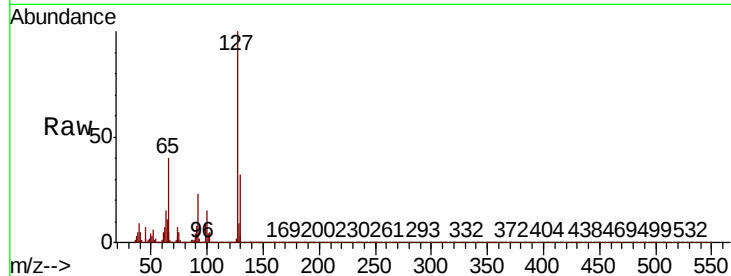




#33  
4-Chloroaniline  
Concen: 99.961 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

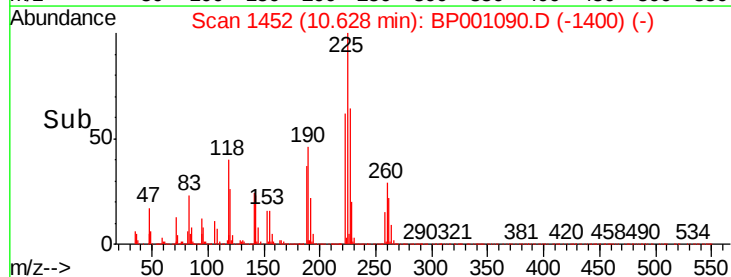
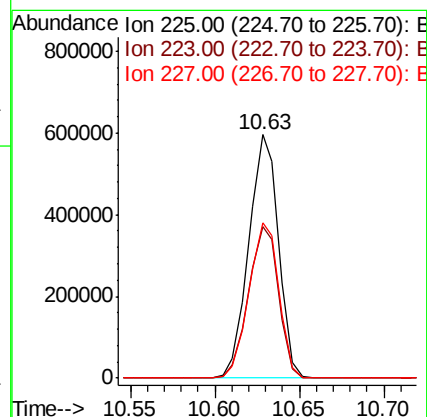
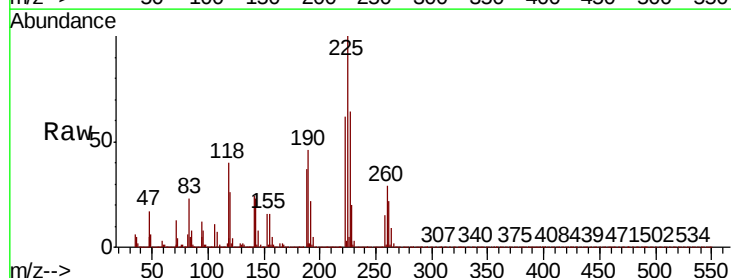
Instrument :  
BNA\_P  
ClientSampleId :

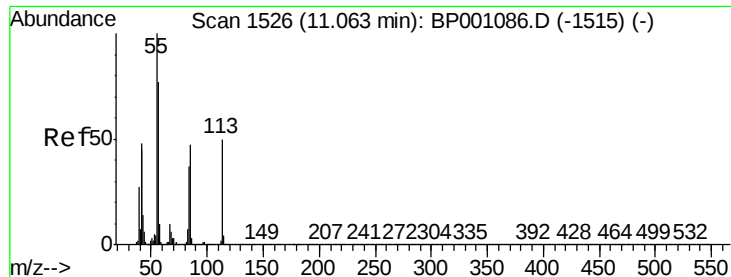
| Tot Ion: | 127   | Resp: | 1498868 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 127      | 100   |       |         |
| 129      | 31.5  | 25.5  | 38.3    |
| 65       | 40.0  | 30.6  | 46.0    |
| 92       | 23.2  | 18.5  | 27.7    |



#34  
Hexachlorobutadiene  
Concen: 83.742 ng  
RT: 10.63 min Scan# 1452  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

| Tgt Ion: | 225   | Resp: | 728837 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 50.0  | 75.0   |
| 227      | 63.8  | 50.0  | 75.0   |

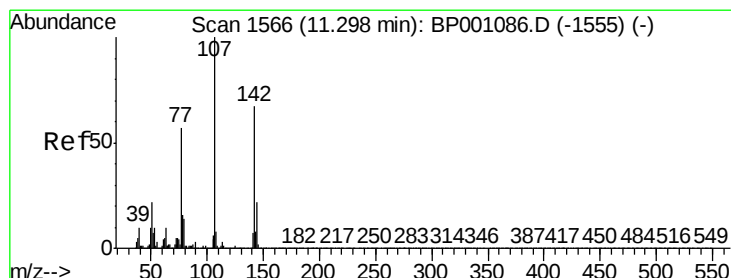
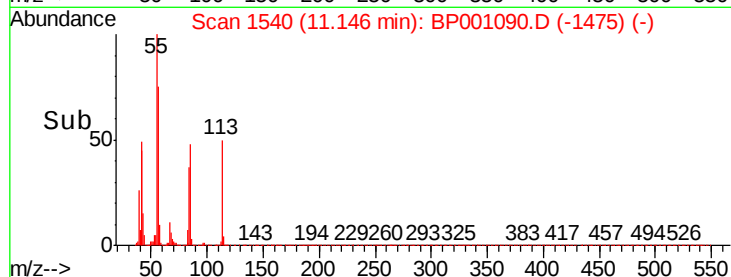
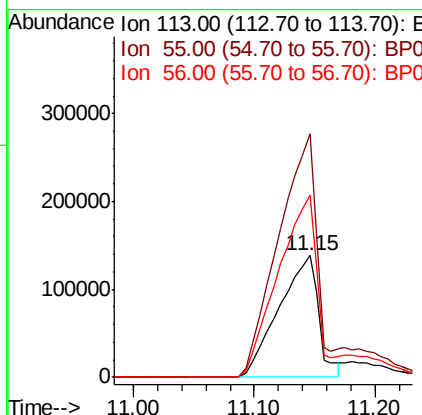
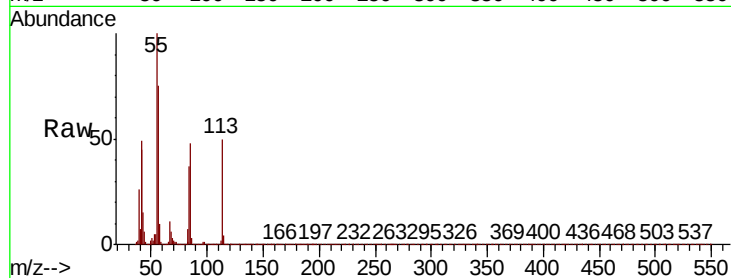




#35  
Caprolactam  
Concen: 92.542 ng  
RT: 11.15 min Scan# 1540  
Delta R.T. 0.08 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

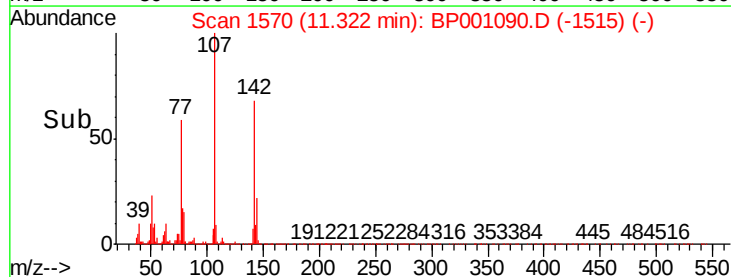
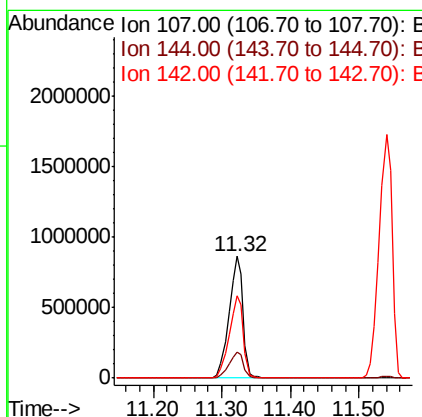
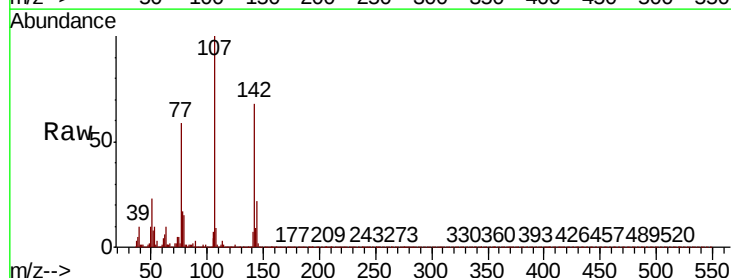
Instrument :  
BNA\_P  
ClientSampleId :

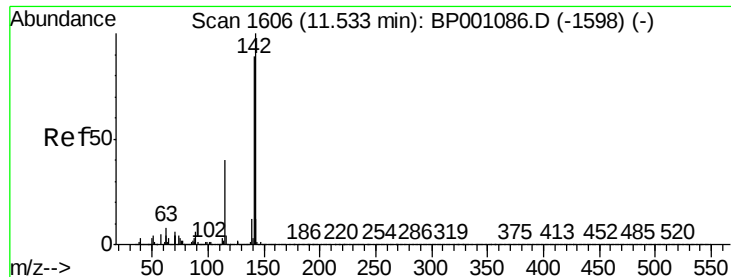
Tot Ion:113 Resp: 313207  
Ion Ratio Lower Upper  
113 100  
55 200.2 181.2 221.2  
56 150.0 134.7 174.7



#36  
4-Chloro-3-methylphenol  
Concen: 110.528 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:107 Resp: 1230698  
Ion Ratio Lower Upper  
107 100  
144 21.6 17.5 26.3  
142 67.8 53.3 79.9

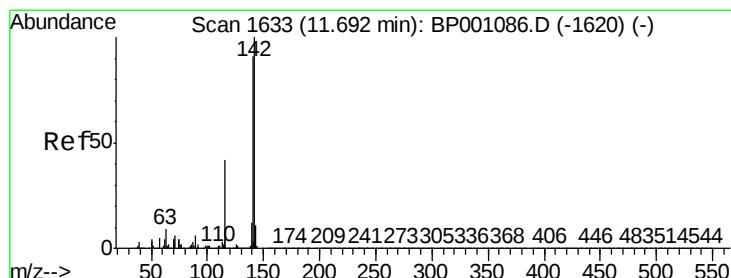
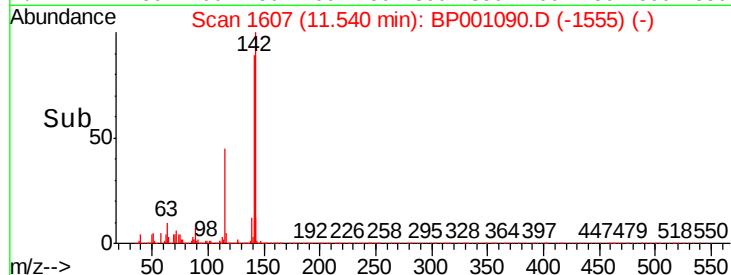
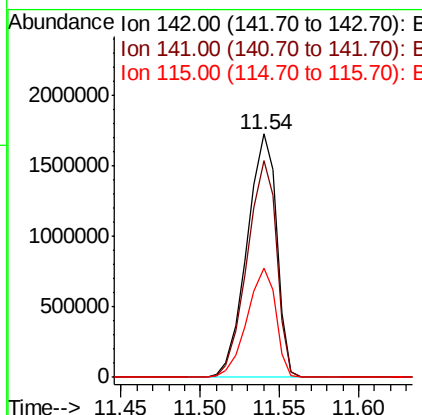
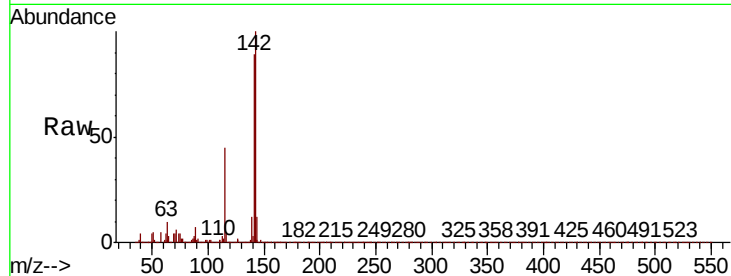




#37  
2-Methylnaphthalene  
Concen: 91.985 ng  
RT: 11.54 min Scan# 1607  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

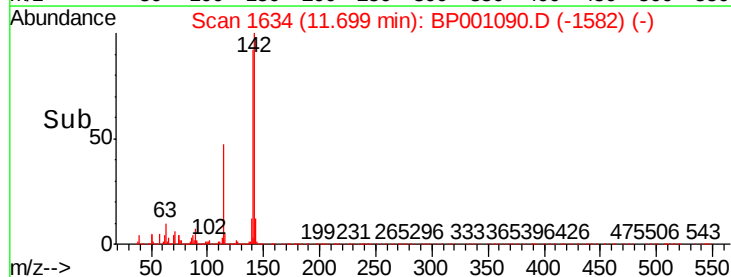
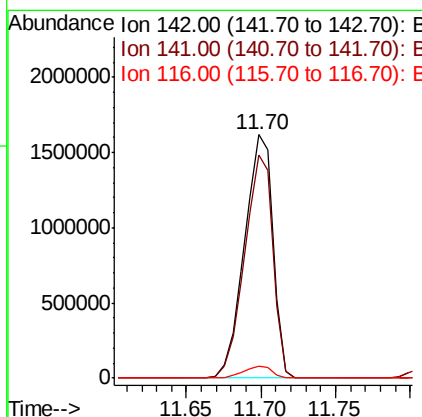
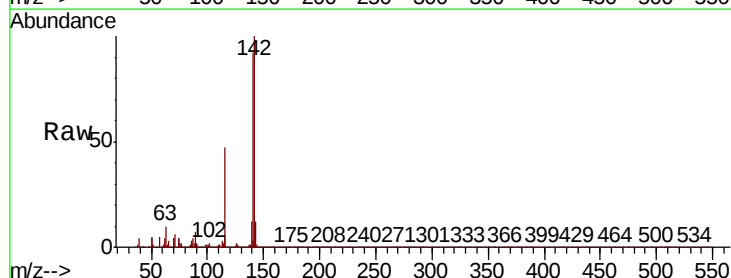
Instrument :  
BNA\_P  
ClientSampleId :

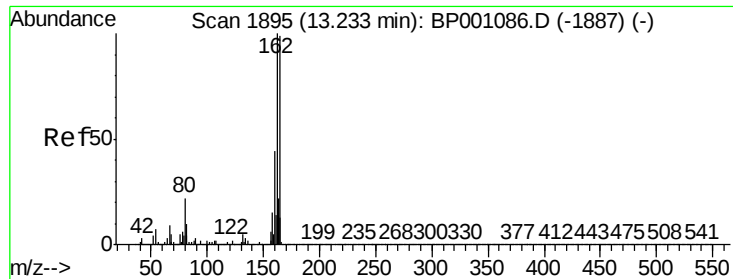
Tot Ion:142 Resp: 2251280  
Ion Ratio Lower Upper  
142 100  
141 89.0 71.1 106.7  
115 44.7 32.3 48.5



#38  
1-Methylnaphthalene  
Concen: 91.869 ng  
RT: 11.70 min Scan# 1634  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:142 Resp: 2124546  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.0 109.4  
116 4.8 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.24 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

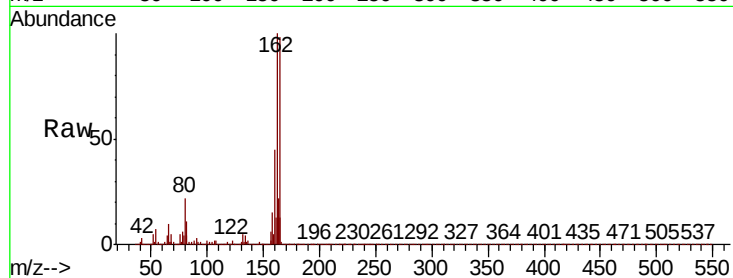
Tot Ion:164 Resp: 389824

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 45.8 35.4 53.2

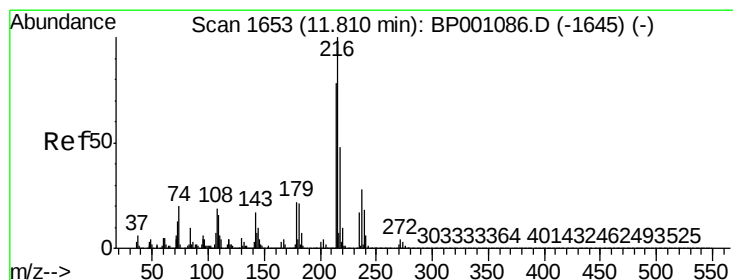
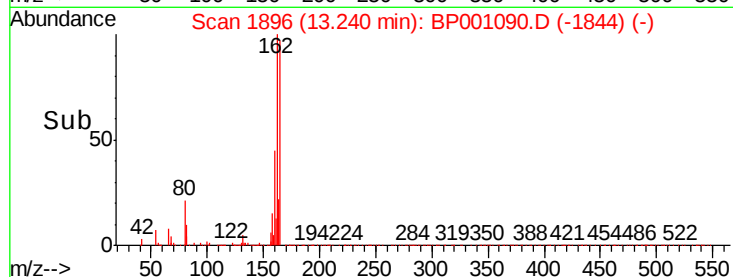
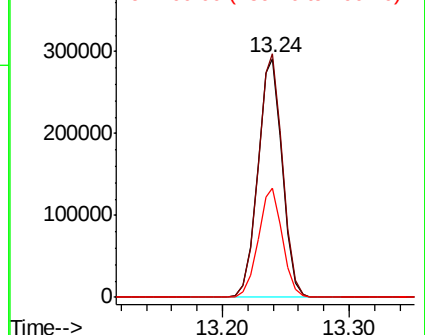


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 86.586 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Tgt Ion:216 Resp: 1123897

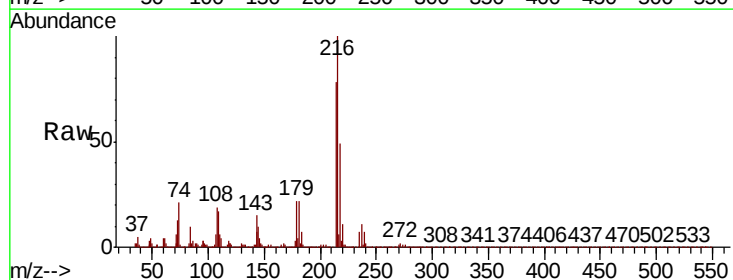
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 22.5 17.6 26.4

108 22.7 17.7 26.5



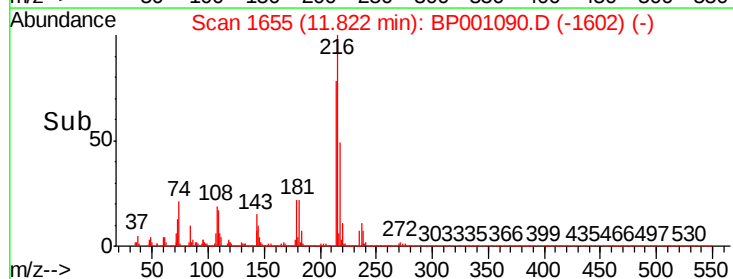
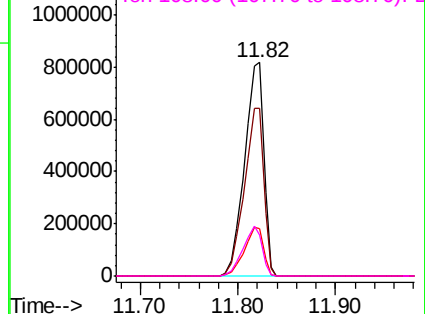
Abundance

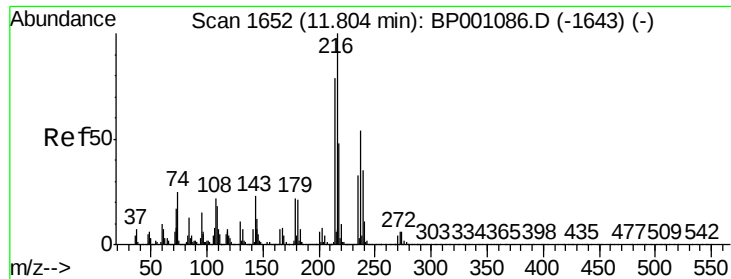
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

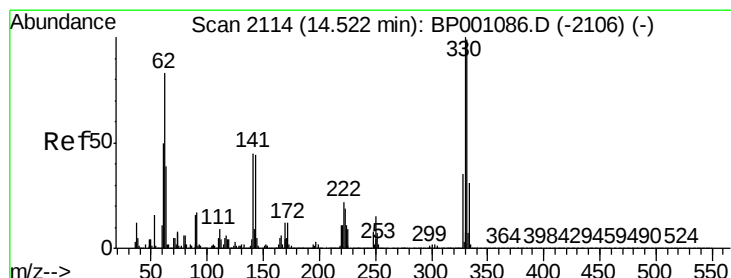
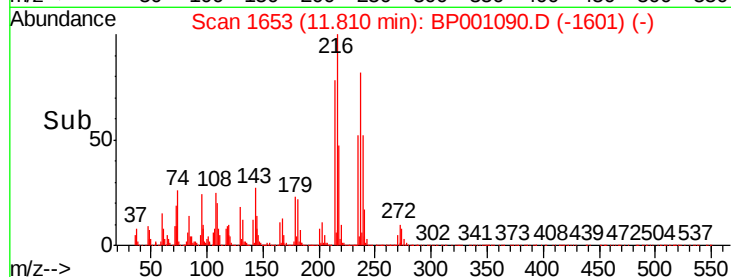
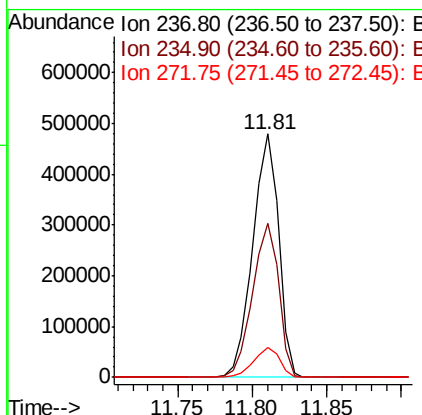
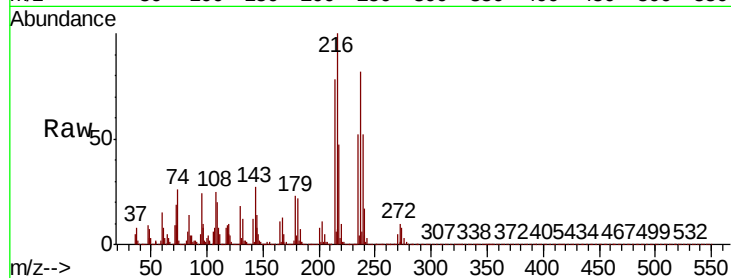




#41  
Hexachlorocyclopentadiene  
Concen: 87.839 ng  
RT: 11.81 min Scan# 1653  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

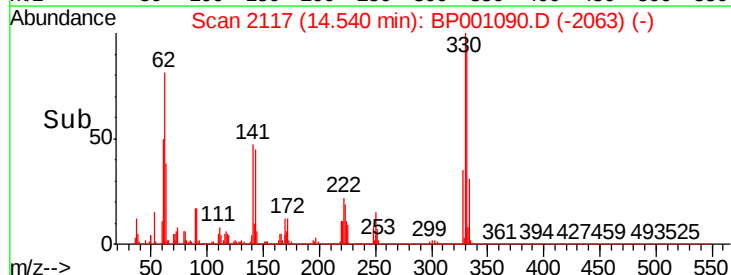
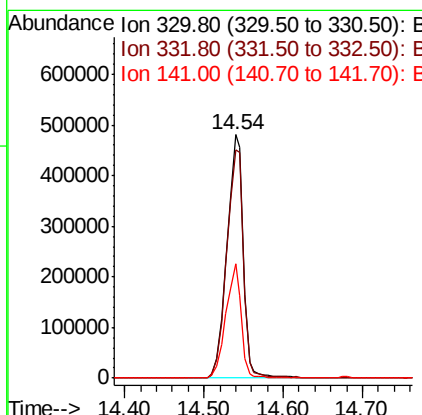
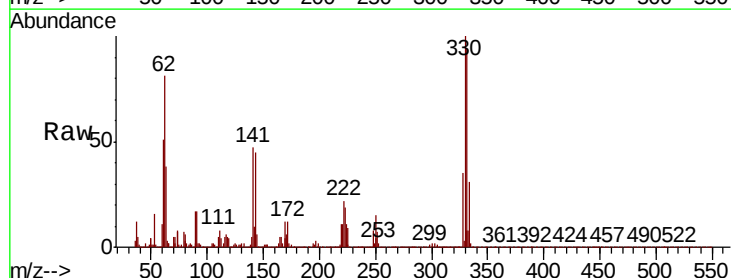
Instrument :  
BNA\_P  
ClientSampleId :

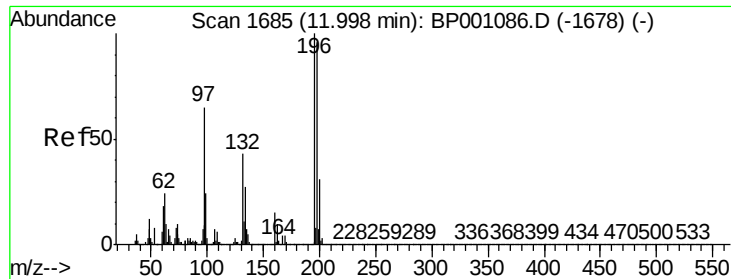
Tot Ion:237 Resp: 571183  
Ion Ratio Lower Upper  
237 100  
235 63.5 41.8 81.8  
272 12.3 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 147.657 ng  
RT: 14.54 min Scan# 2117  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:330 Resp: 687140  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.6 116.4  
141 44.2 34.2 51.2

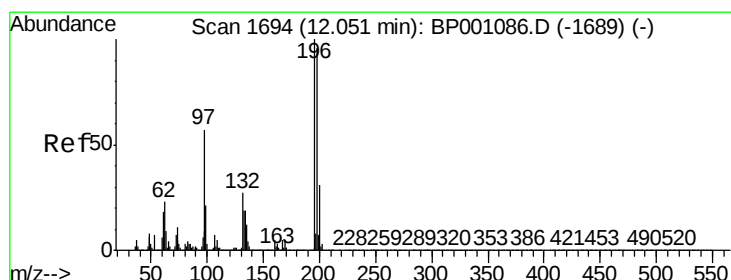
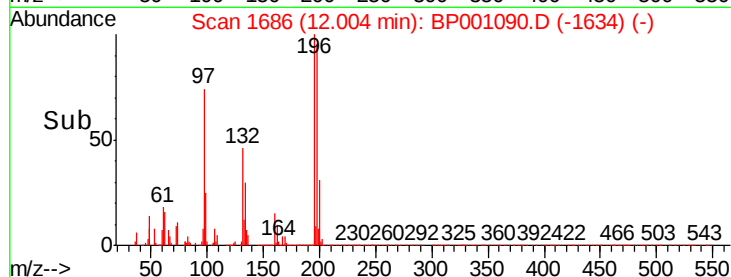
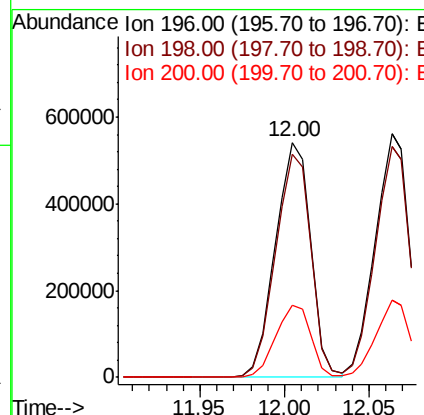
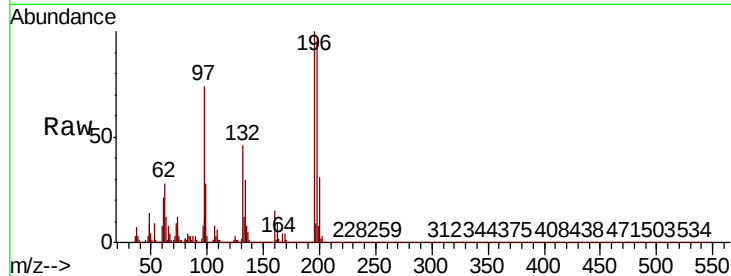




#43  
2,4,6-Trichlorophenol  
Concen: 99.283 ng  
RT: 12.00 min Scan# 1686  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

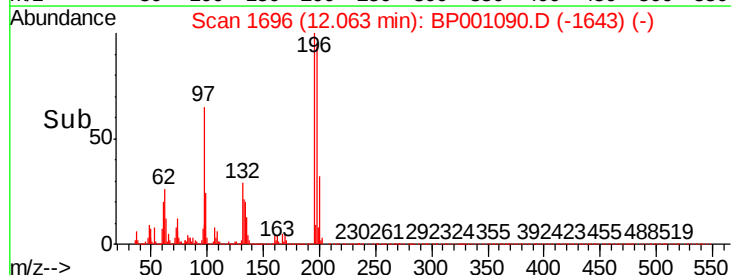
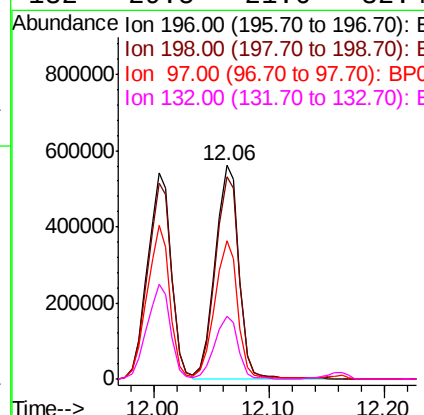
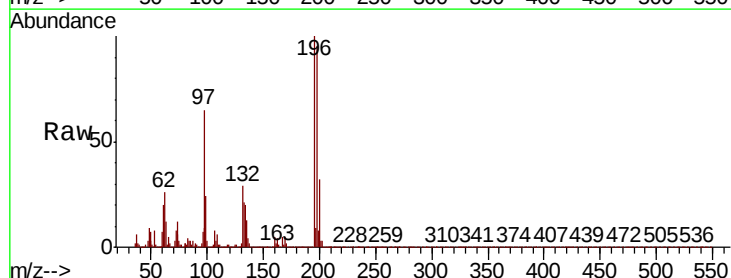
Instrument :  
BNA\_P  
ClientSampleId :

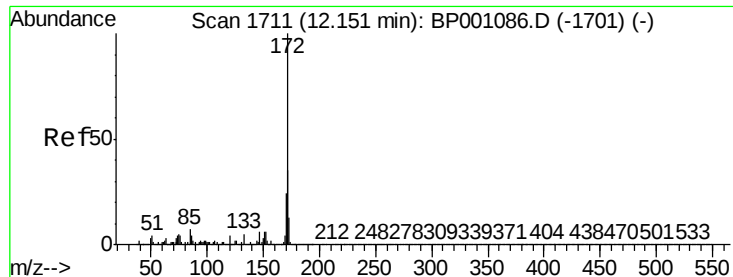
Tot Ion:196 Resp: 777013  
Ion Ratio Lower Upper  
196 100  
198 94.8 76.7 115.1  
200 30.6 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 95.946 ng  
RT: 12.06 min Scan# 1696  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:196 Resp: 802833  
Ion Ratio Lower Upper  
196 100  
198 94.8 76.8 115.2  
97 64.7 46.1 69.1  
132 29.5 21.6 32.4

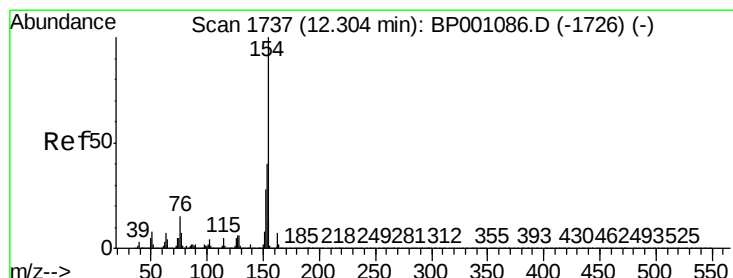
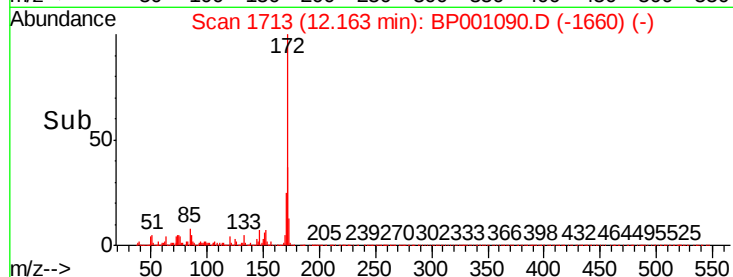
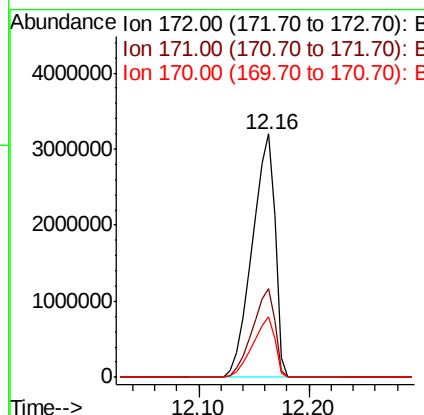
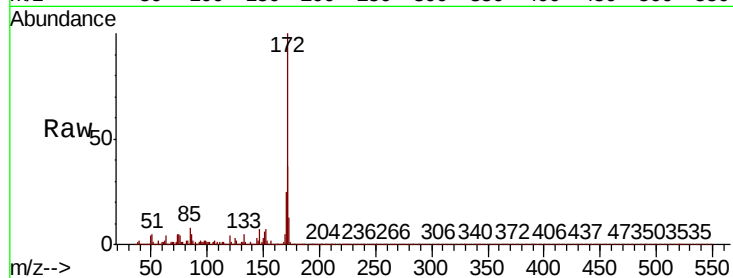




#45  
2-Fluorobiphenyl  
Concen: 179.945 ng  
RT: 12.16 min Scan# 1713  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

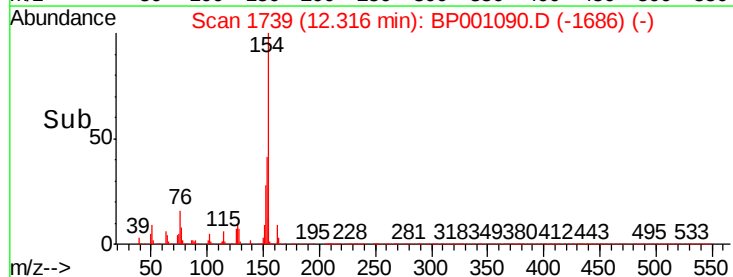
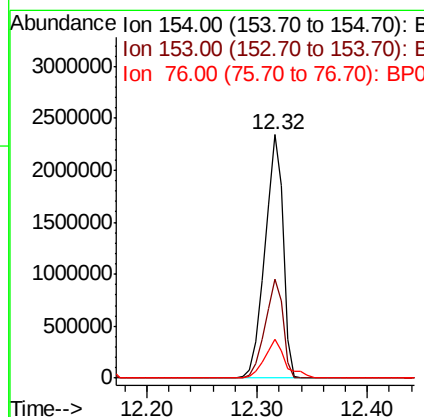
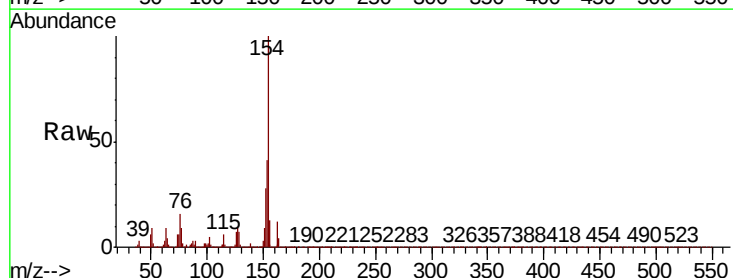
Instrument :  
BNA\_P  
ClientSampleId :

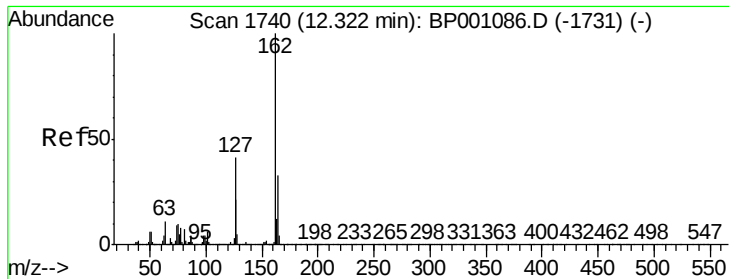
Tot Ion:172 Resp: 4657534  
Ion Ratio Lower Upper  
172 100  
171 36.6 27.9 41.9  
170 24.9 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 92.487 ng  
RT: 12.32 min Scan# 1739  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:154 Resp: 2695800  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.2 60.2  
76 15.7 0.0 34.5



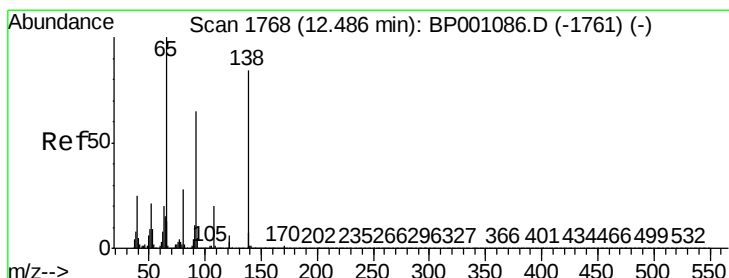
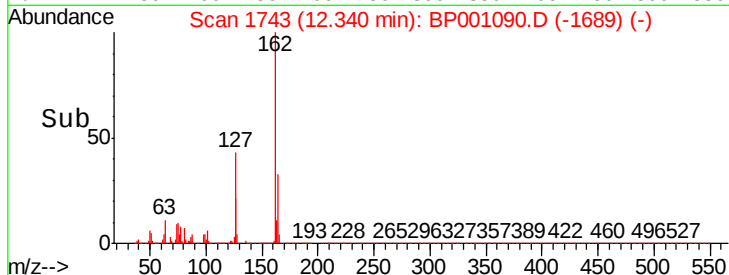
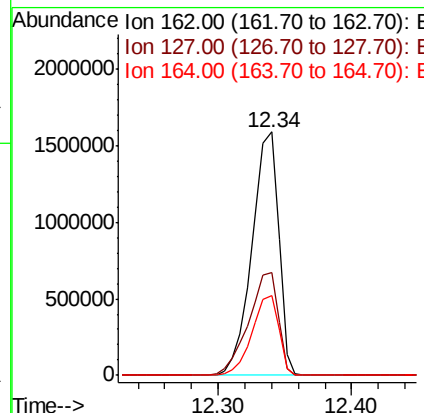
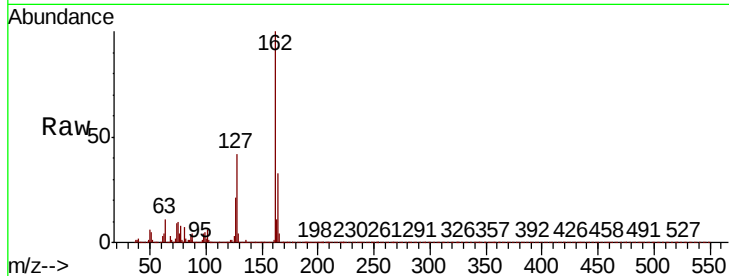


#47  
 2-Chloronaphthalene  
 Concen: 92.874 ng  
 RT: 12.34 min Scan# 1743  
 Delta R.T. 0.02 min  
 Lab File: BP001090.D  
 Acq: 27 Nov 2019 16:58

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:162 Resp: 2179265  

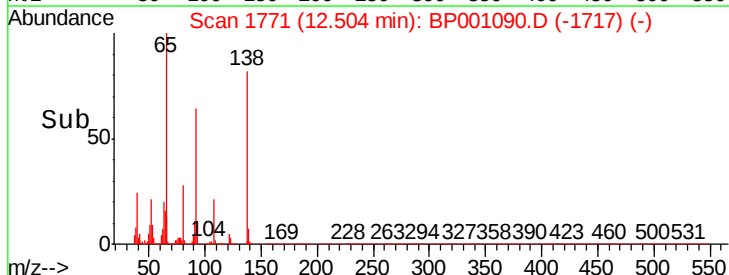
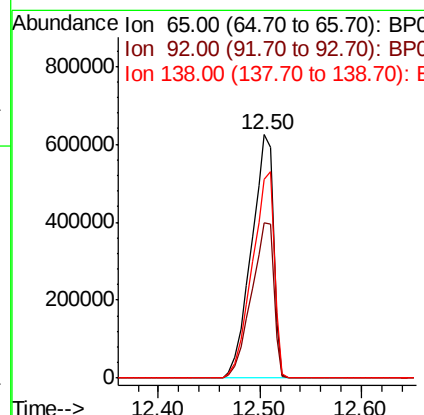
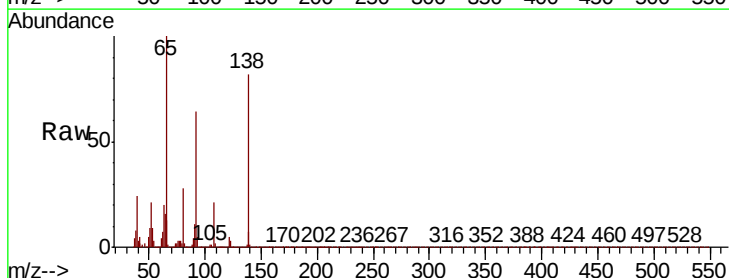
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.5  | 33.0  | 49.6  |
| 164 | 33.0  | 26.7  | 40.1  |

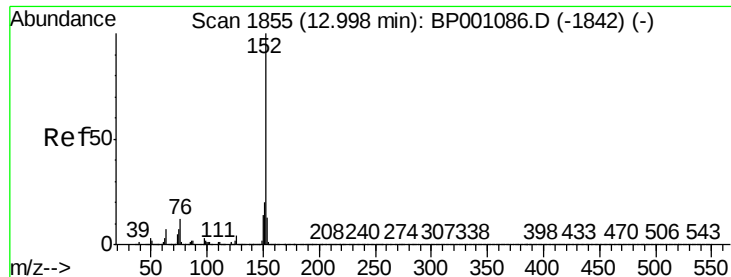


#48  
 2-Nitroaniline  
 Concen: 153.088 ng  
 RT: 12.50 min Scan# 1771  
 Delta R.T. 0.02 min  
 Lab File: BP001090.D  
 Acq: 27 Nov 2019 16:58

Tgt Ion: 65 Resp: 940251  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 63.8  | 51.6  | 77.4  |
| 138 | 81.9  | 67.3  | 100.9 |





#49

Acenaphthylene

Concen: 91.101 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

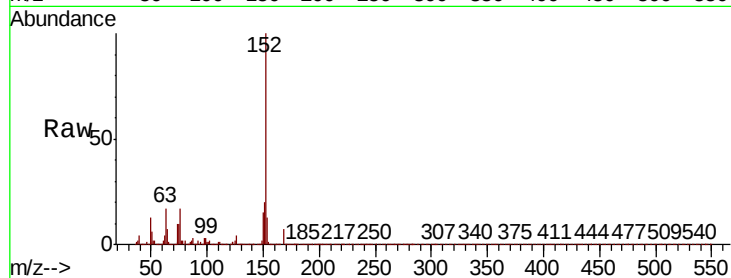
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:152 Resp: 3249784

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.3  | 15.8  | 23.8  |
| 153 | 13.4  | 10.2  | 15.4  |

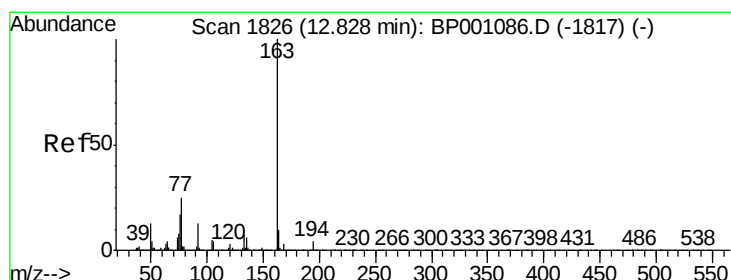
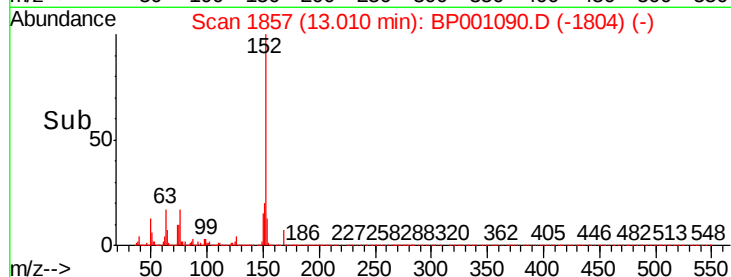
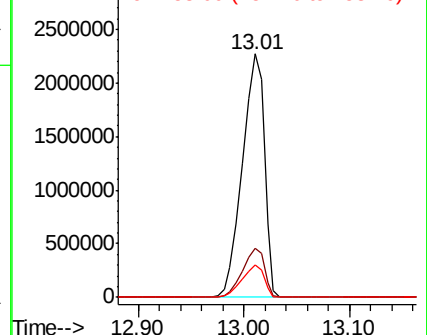


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 91.258 ng

RT: 12.85 min Scan# 1830

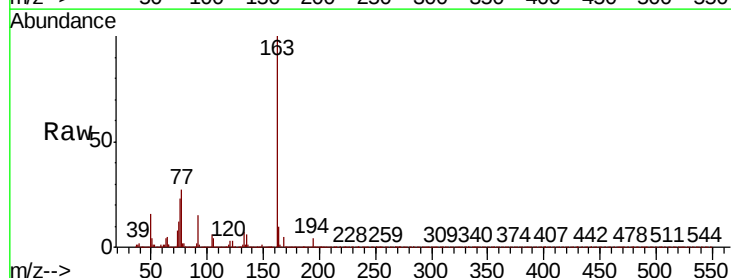
Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Tgt Ion:163 Resp: 2630526

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.1   | 4.7   |
| 164 | 10.1  | 8.1   | 12.1  |

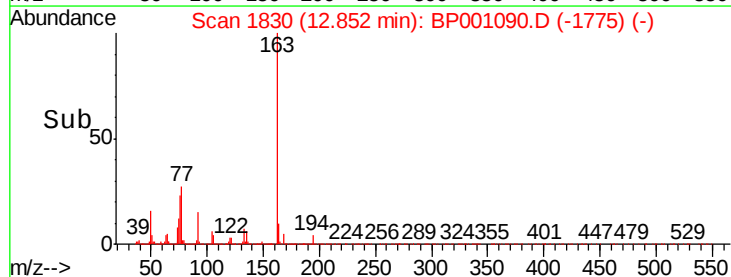
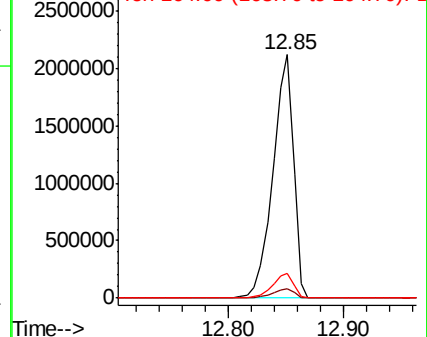


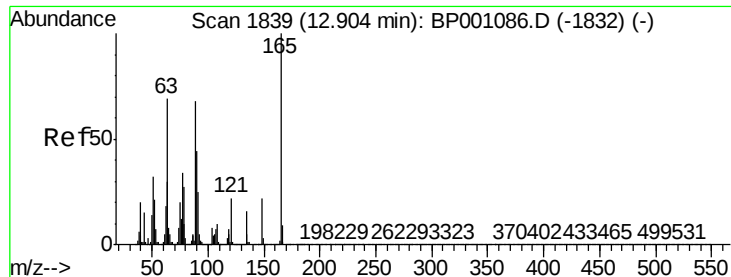
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

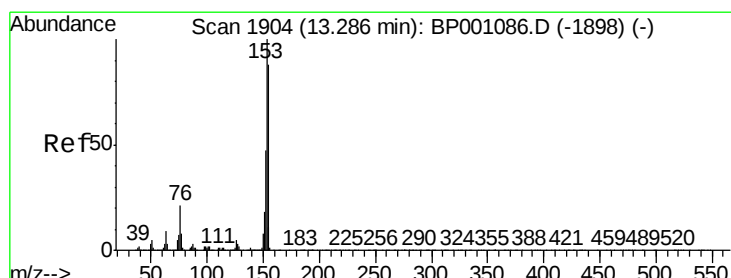
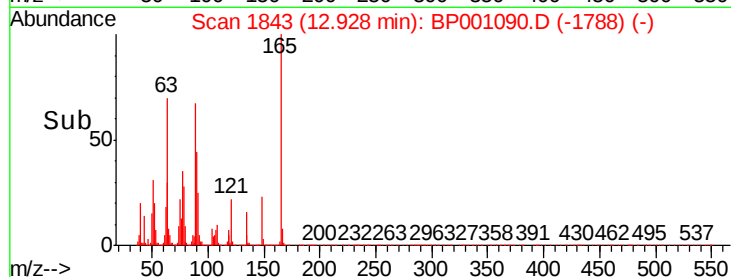
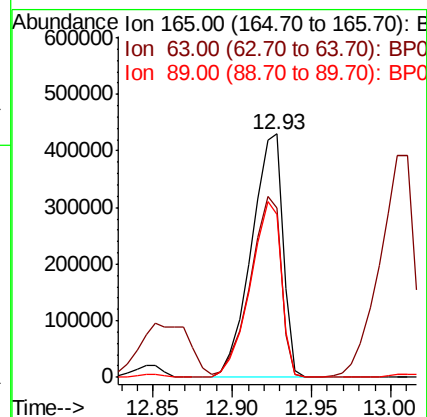
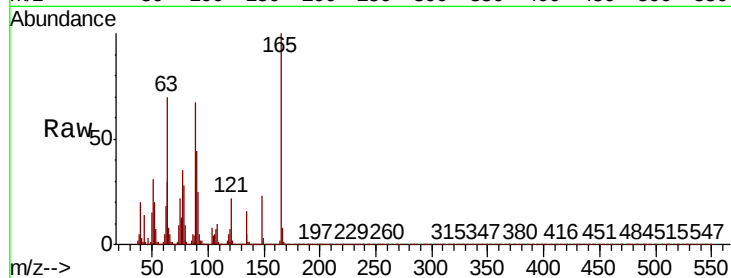




#51  
2,6-Dinitrotoluene  
Concen: 99.061 ng  
RT: 12.93 min Scan# 1843  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

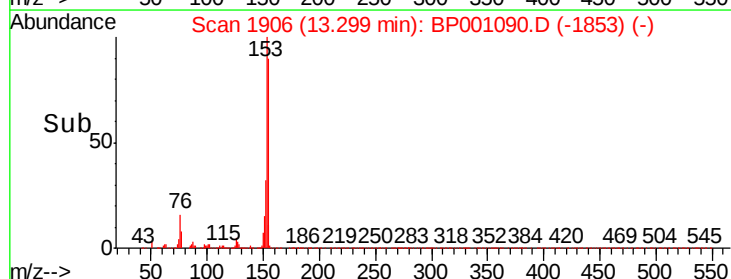
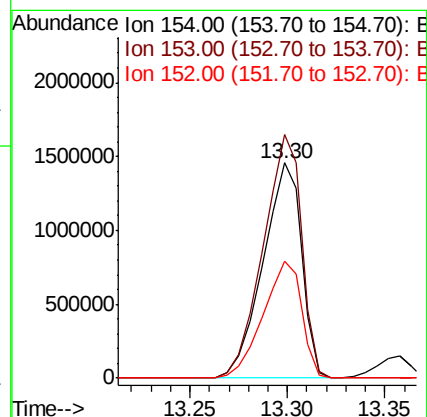
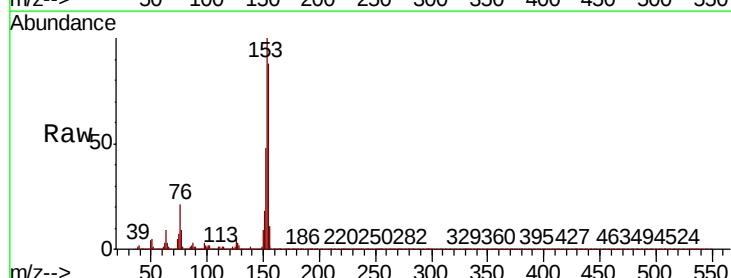
Instrument :  
BNA\_P  
ClientSampled :

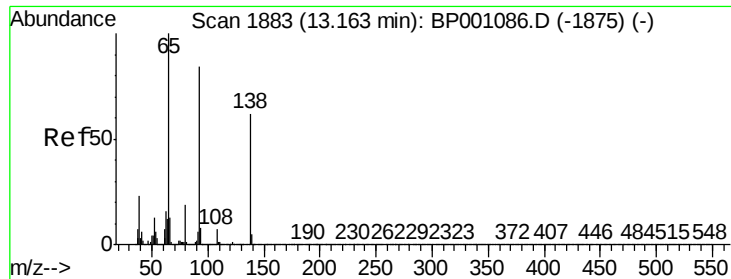
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 69.6  | 55.6  | 83.4  |
| 89      | 67.1  | 54.1  | 81.1  |



#52  
Acenaphthene  
Concen: 93.363 ng  
RT: 13.30 min Scan# 1906  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.1 | 90.5  | 135.7 |
| 152     | 54.3  | 42.6  | 64.0  |

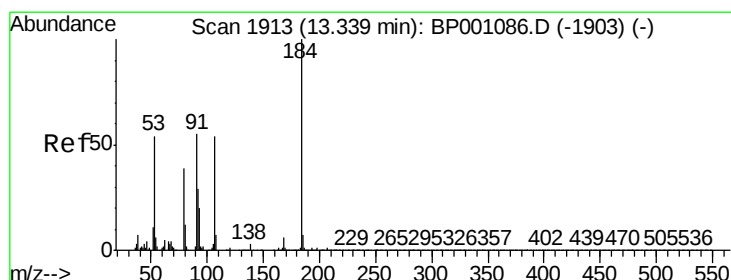
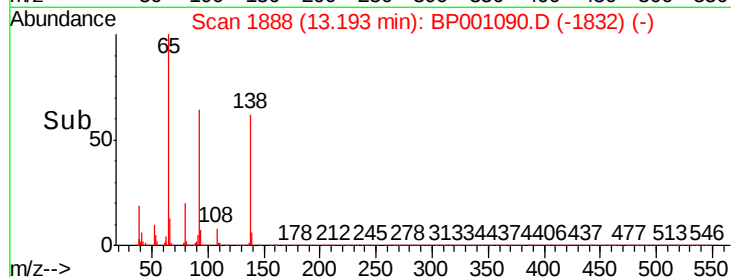
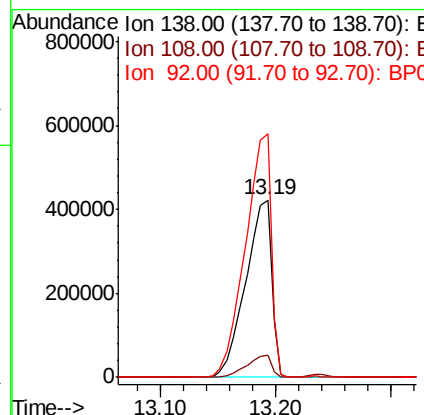
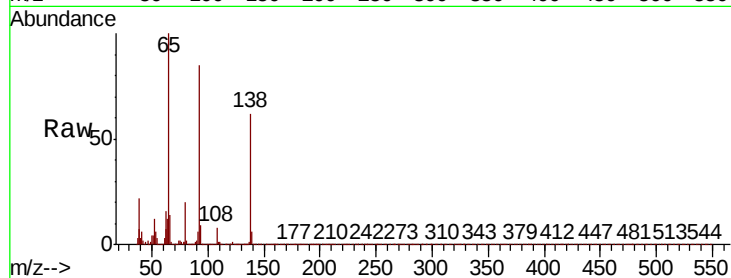




#53  
3-Nitroaniline  
Concen: 100.760 ng  
RT: 13.19 min Scan# 1888  
Delta R.T. 0.03 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

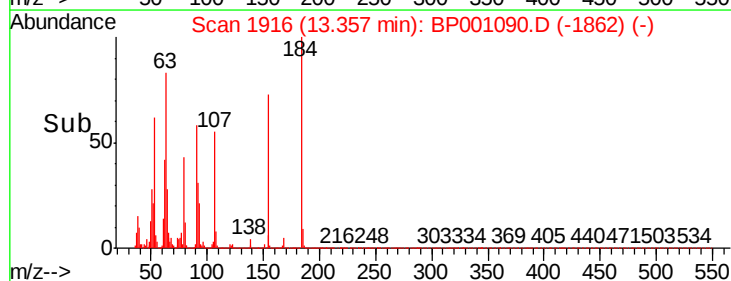
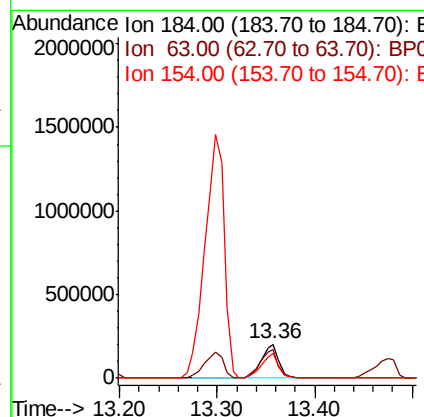
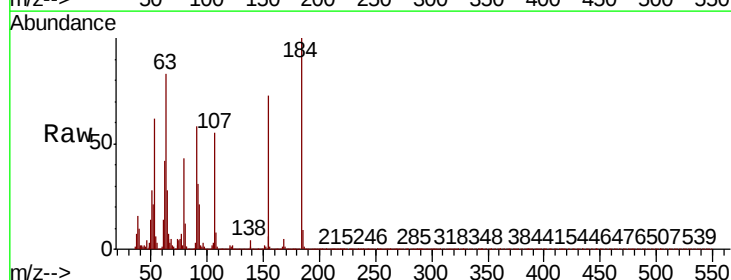
Instrument :  
BNA\_P  
ClientSampleId :

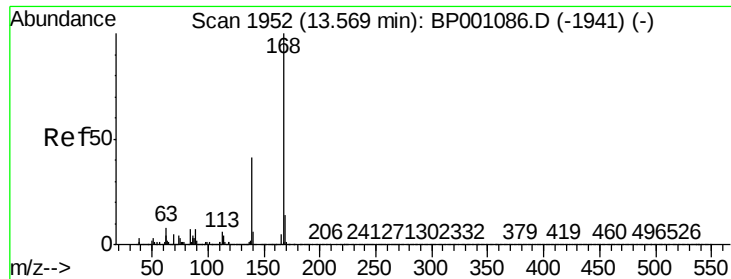
Tot Ion:138 Resp: 660803  
Ion Ratio Lower Upper  
138 100  
108 12.6 9.2 13.8  
92 137.5 107.8 161.6



#54  
2,4-Dinitrophenol  
Concen: 176.191 ng  
RT: 13.36 min Scan# 1916  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:184 Resp: 261155  
Ion Ratio Lower Upper  
184 100  
63 83.4 60.7 91.1  
154 73.5 56.2 84.2





#55

Dibenzofuran

Concen: 85.944 ng

RT: 13.59 min Scan# 1955

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

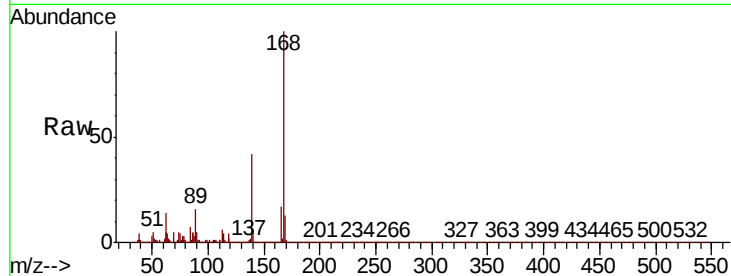
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:168 Resp: 2864094

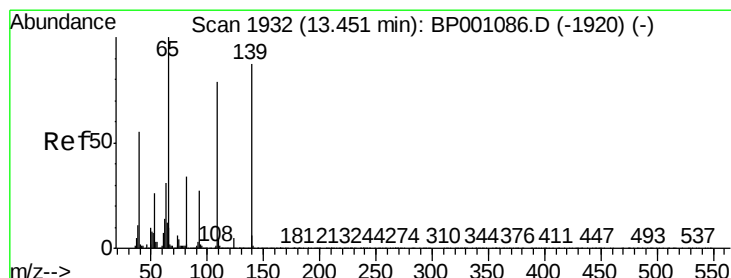
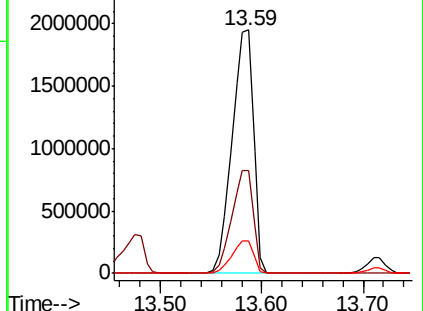
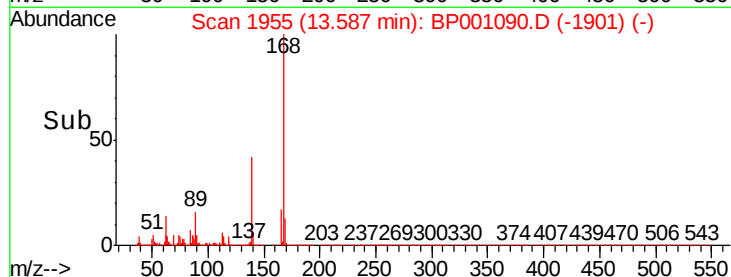
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 42.3  | 32.8  | 49.2  |
| 169 | 13.3  | 10.9  | 16.3  |



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 106.853 ng

RT: 13.47 min Scan# 1936

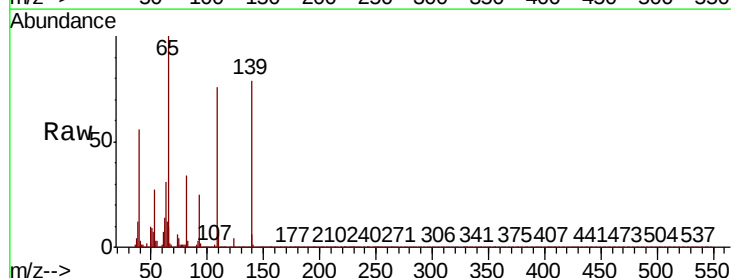
Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Tgt Ion:139 Resp: 487312

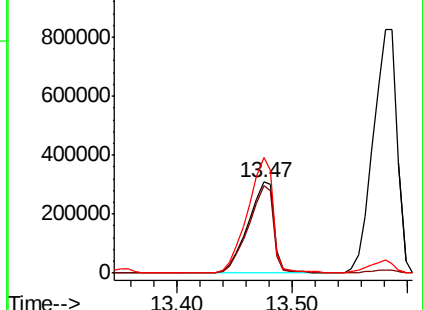
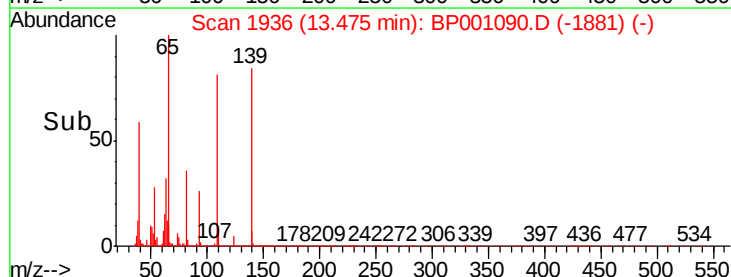
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 96.3  | 70.9  | 110.9 |
| 65  | 126.7 | 95.2  | 135.2 |

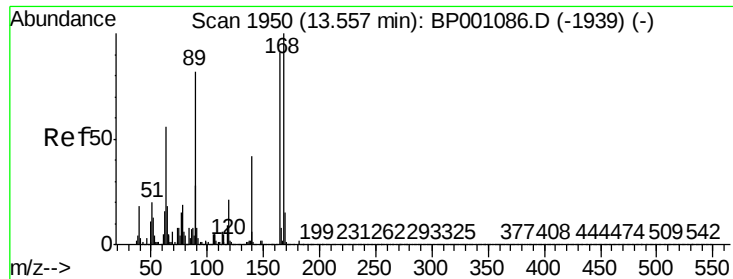


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

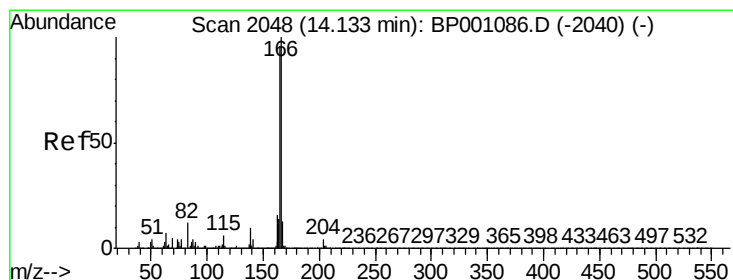
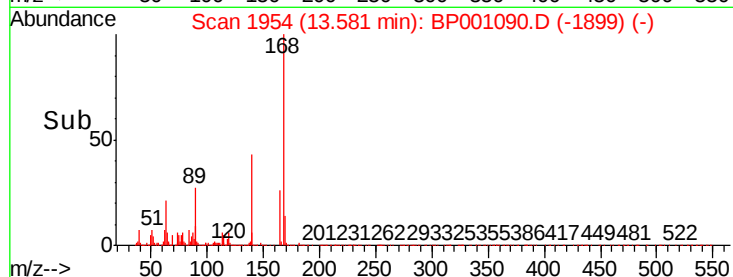
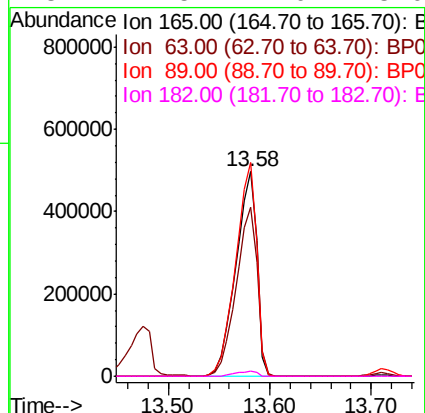
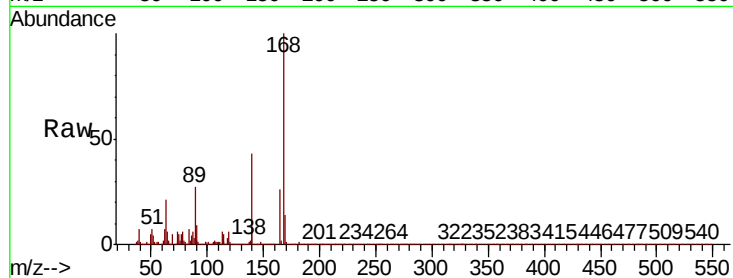




#57  
2,4-Dinitrotoluene  
Concen: 94.509 ng  
RT: 13.58 min Scan# 1954  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

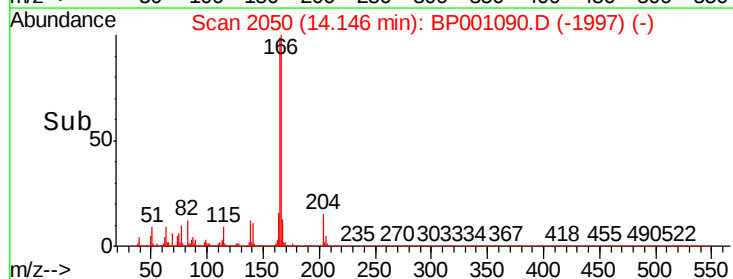
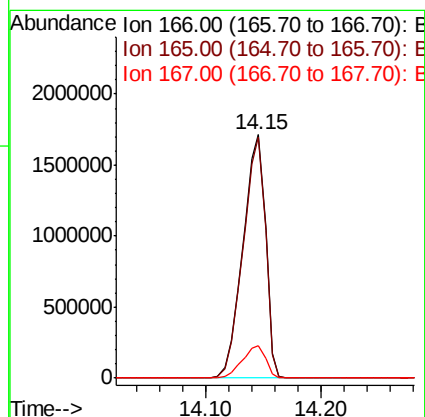
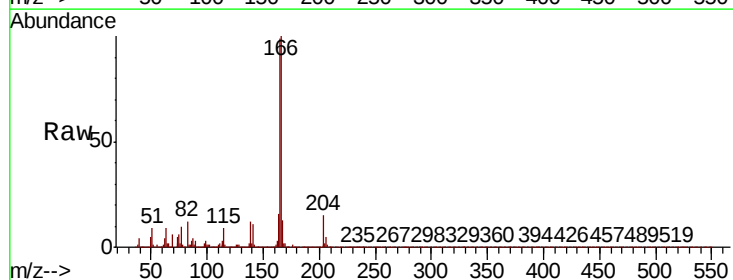
Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 82.6  | 49.4  | 74.2# |
| 89      | 104.6 | 72.1  | 108.1 |
| 182     | 2.5   | 2.0   | 3.0   |



#58  
Fluorene  
Concen: 87.419 ng  
RT: 14.15 min Scan# 2050  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.8  | 76.7  | 115.1 |
| 167     | 13.1  | 10.5  | 15.7  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 91.017 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

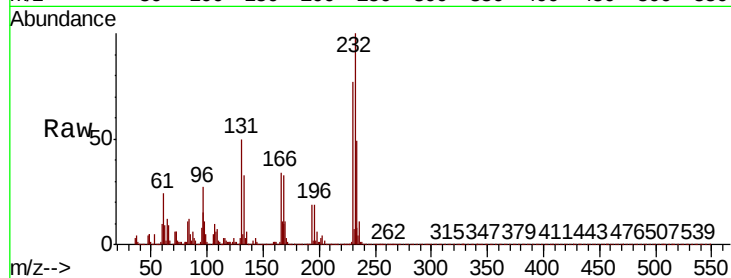
Instrument :

BNA\_P

ClientSampled :

Tot Ion:232 Resp: 647545

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 50.0  | 39.6  | 59.4  |
| 130 | 2.7   | 1.9   | 2.9   |
| 166 | 33.5  | 25.7  | 38.5  |

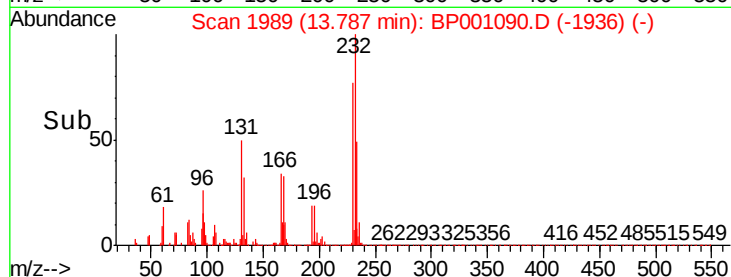


Abundance Ion 232.00 (231.70 to 232.70): E

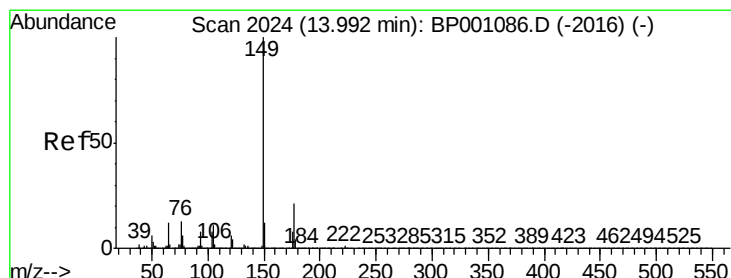
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 96.743 ng

RT: 14.01 min Scan# 2027

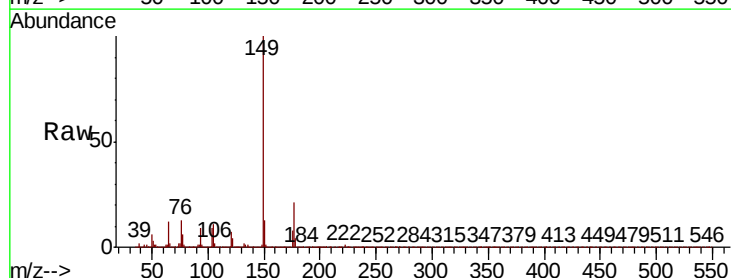
Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Tgt Ion:149 Resp: 2801115

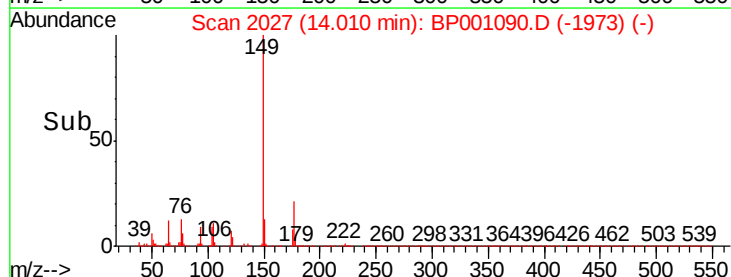
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.4  | 17.0  | 25.6  |
| 150 | 12.5  | 9.9   | 14.9  |



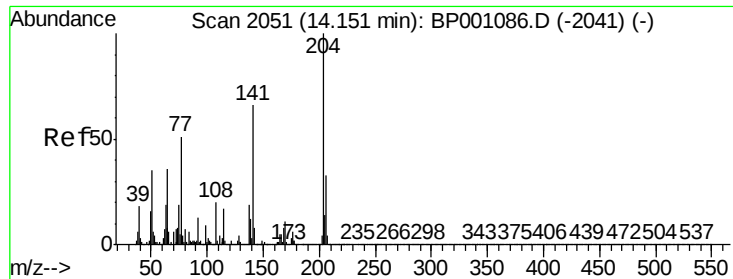
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



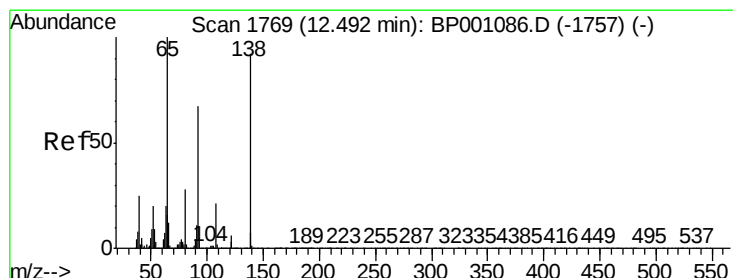
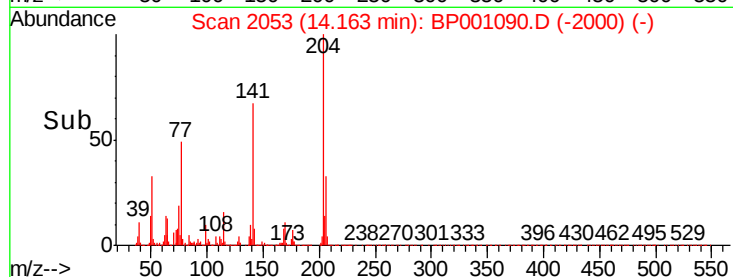
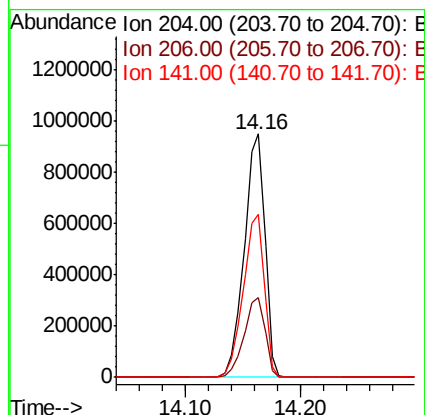
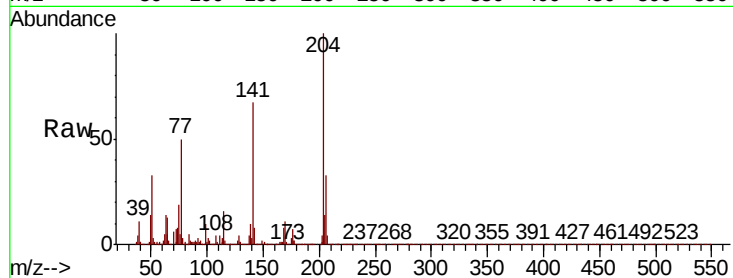
Time-->



#61  
4-Chlorophenyl-phenylether  
Concen: 83.913 ng  
RT: 14.16 min Scan# 2053  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

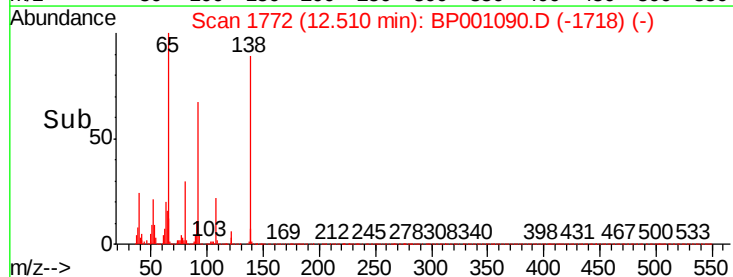
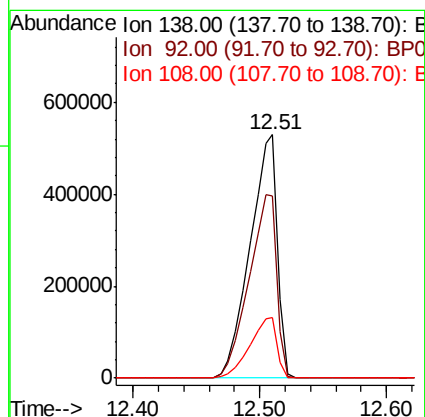
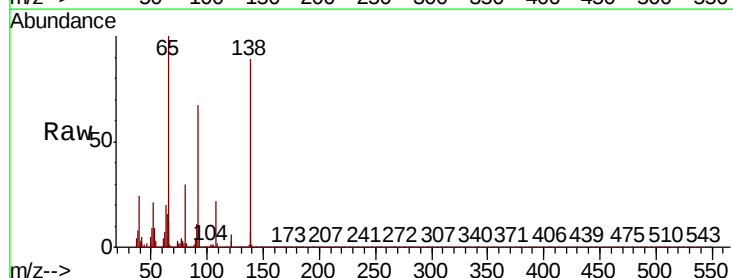
Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:204 Resp: 1176735  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.1 39.1  
141 66.9 52.7 79.1



#62  
4-Nitroaniline  
Concen: 113.455 ng  
RT: 12.51 min Scan# 1772  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:138 Resp: 797784  
Ion Ratio Lower Upper  
138 100  
92 74.7 53.3 93.3  
108 24.7 3.1 43.1

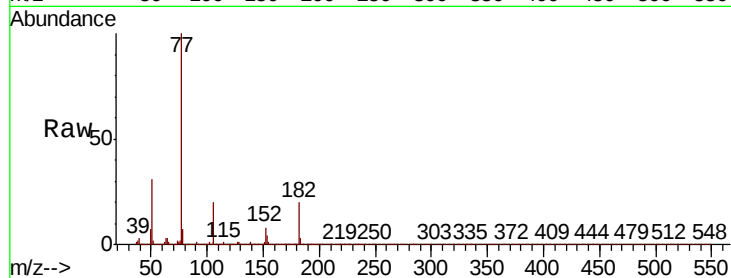




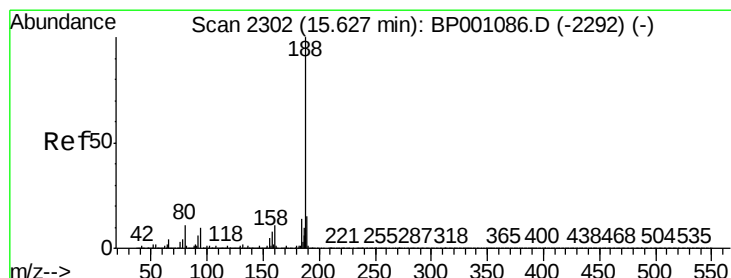
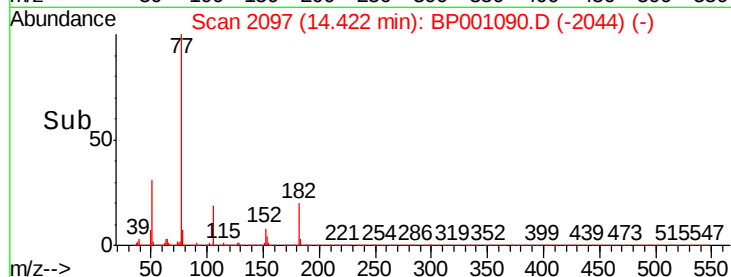
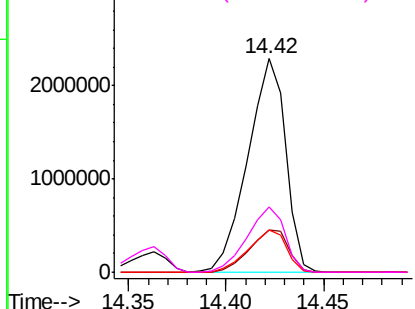
#63  
Azobenzene  
Concen: 120.904 ng  
RT: 14.42 min Scan# 2097  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion: 77 Resp: 3063804  
Ion Ratio Lower Upper  
77 100  
182 20.0 0.8 40.8  
105 19.5 0.3 40.3  
51 30.7 9.6 49.6

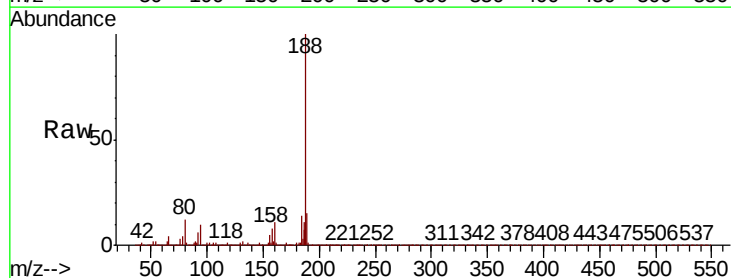


Abundance Ion 77.00 (76.70 to 77.70): BP0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BP0

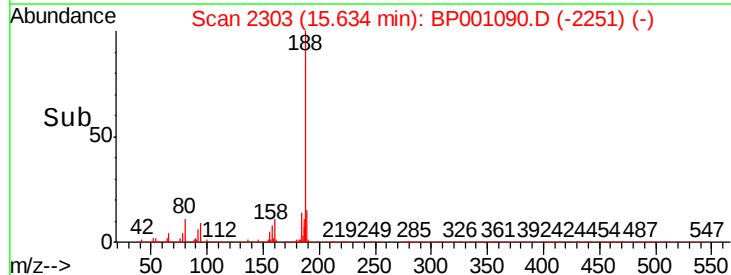
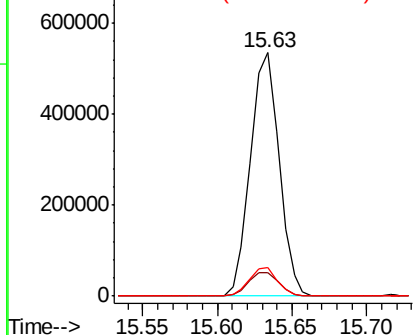


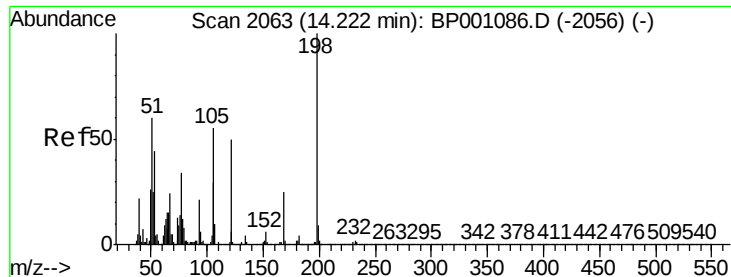
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.63 min Scan# 2303  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion: 188 Resp: 710957  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.9 11.9  
80 11.5 8.8 13.2



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: 165.379 ng

RT: 14.25 min Scan# 2068

Delta R.T. 0.03 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampled :

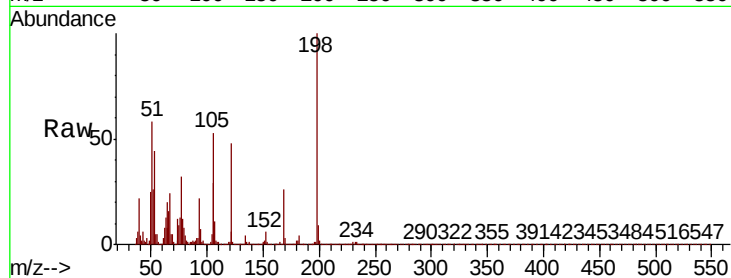
Tot Ion:198 Resp: 331731

Ion Ratio Lower Upper

198 100

51 57.9 40.5 80.5

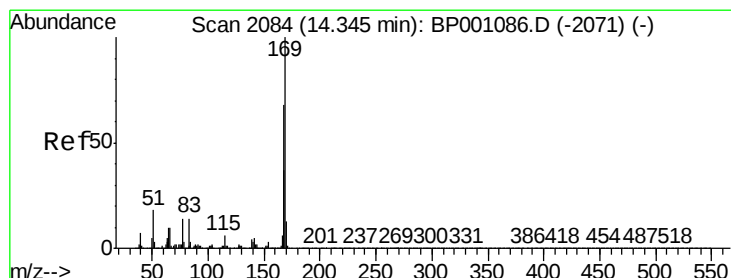
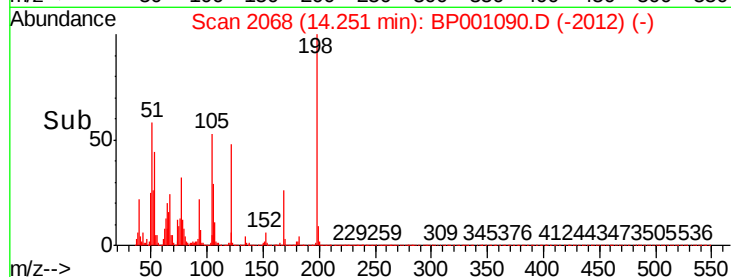
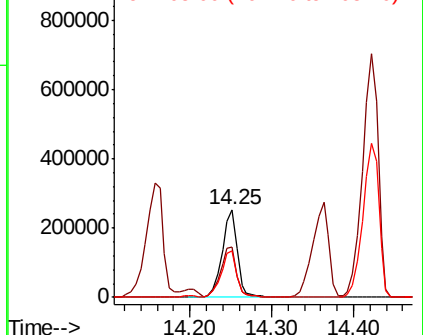
105 53.0 35.7 75.7



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: 99.338 ng

RT: 14.36 min Scan# 2087

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

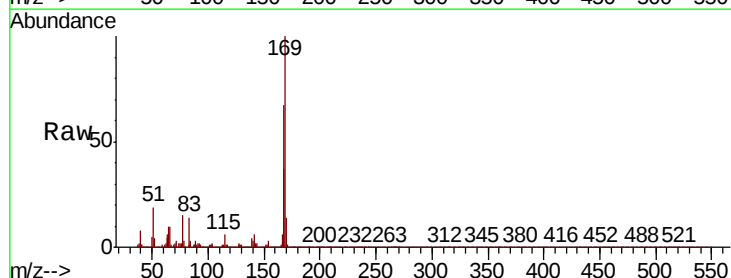
Tgt Ion:169 Resp: 2030592

Ion Ratio Lower Upper

169 100

168 67.3 54.1 81.1

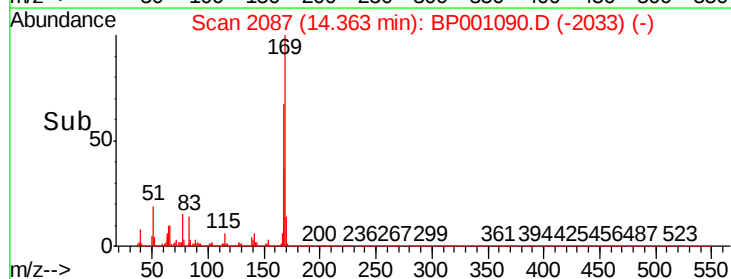
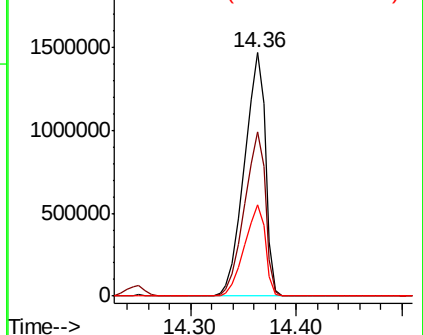
167 37.3 29.5 44.3

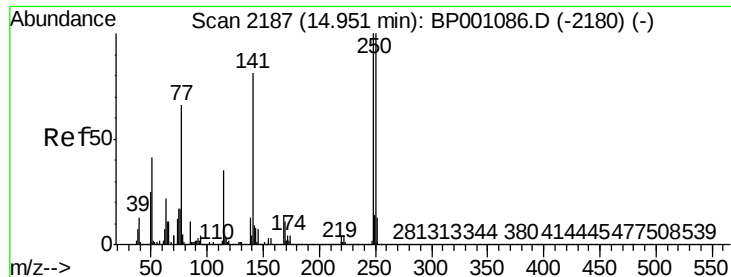


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

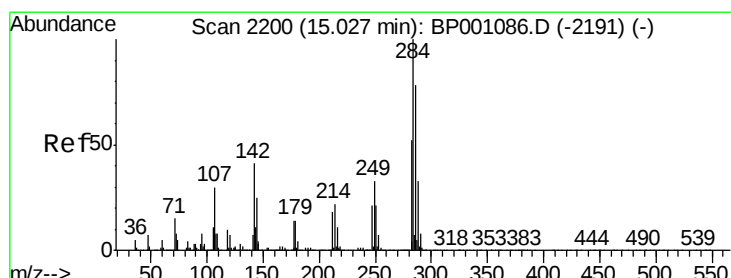
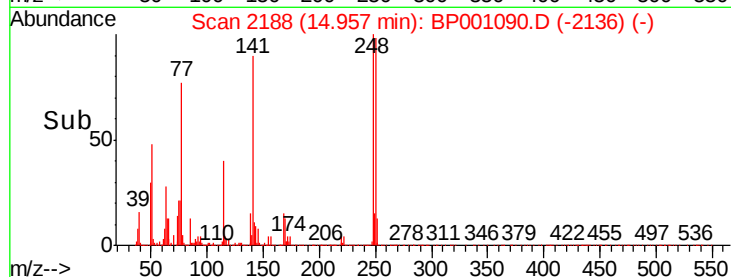
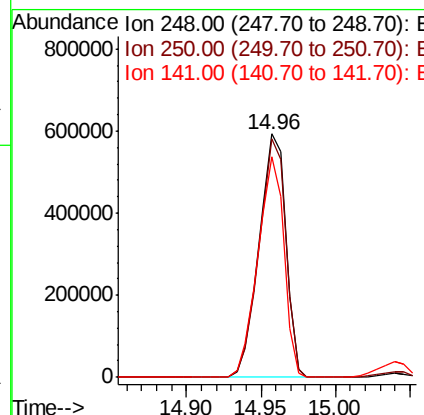
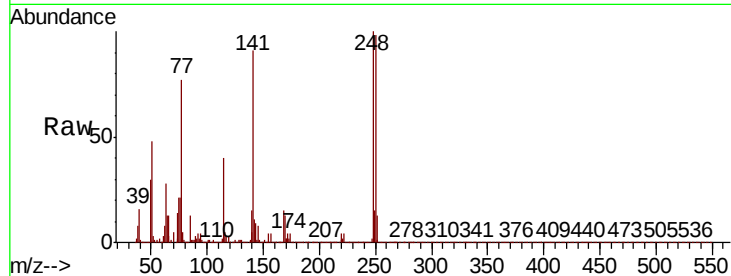




#67  
4-Bromophenyl-phenylether  
Concen: 87.452 ng  
RT: 14.96 min Scan# 2188  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

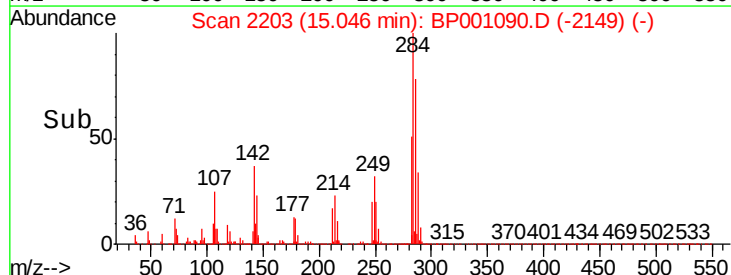
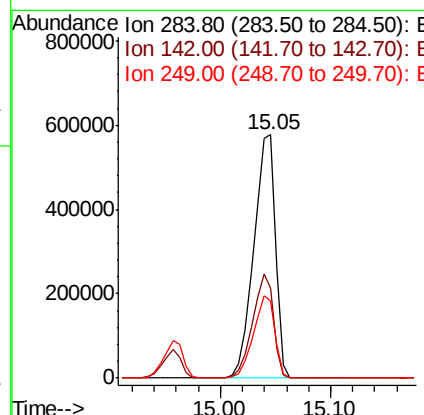
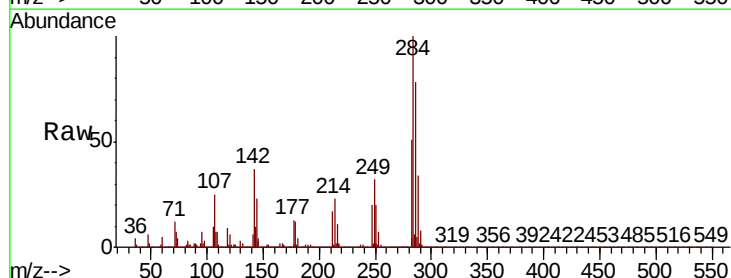
Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 80.3  | 120.5 |
| 141     | 90.5  | 64.9  | 97.3  |



#68  
Hexachlorobenzene  
Concen: 81.948 ng  
RT: 15.05 min Scan# 2203  
Delta R.T. 0.02 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.0  | 33.2  | 49.8  |
| 249     | 31.6  | 26.2  | 39.4  |





#69

Atrazine

Concen: 62.094 ng

RT: 15.25 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

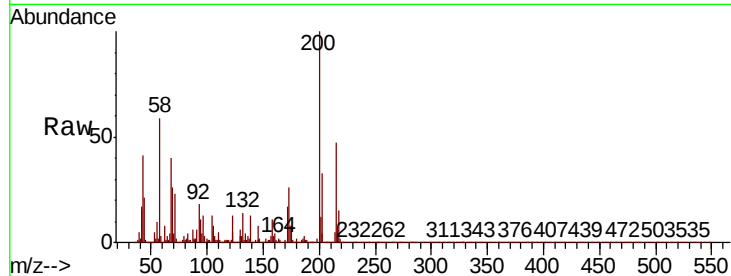
Tot Ion:200 Resp: 462165

Ion Ratio Lower Upper

200 100

173 26.1 6.7 46.7

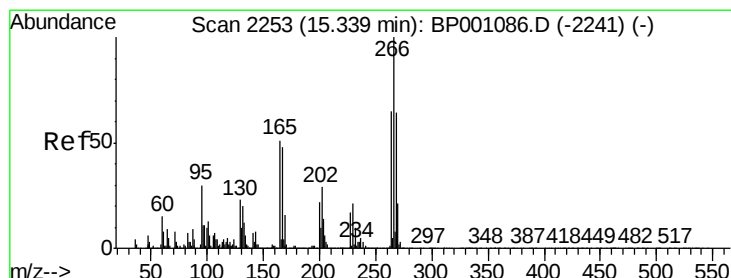
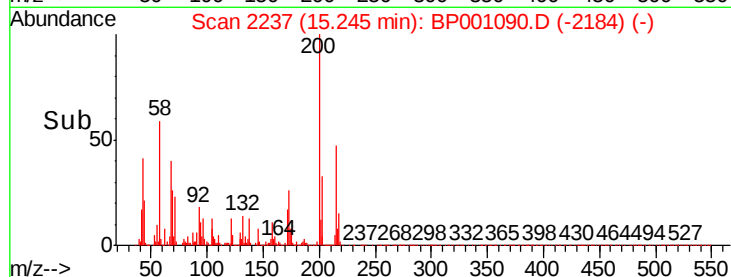
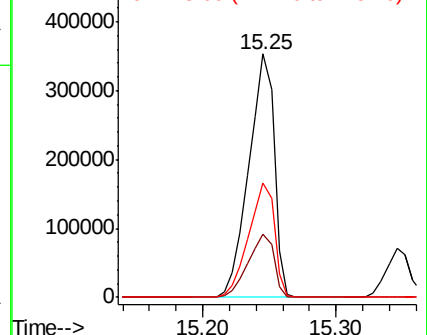
215 47.2 27.9 67.9



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



#70

Pentachlorophenol

Concen: 102.694 ng

RT: 15.35 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

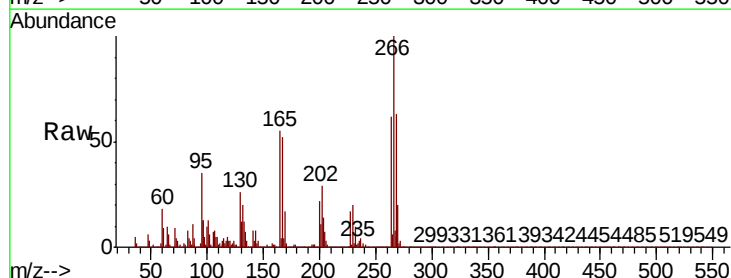
Tgt Ion:266 Resp: 443367

Ion Ratio Lower Upper

266 100

268 62.9 51.6 77.4

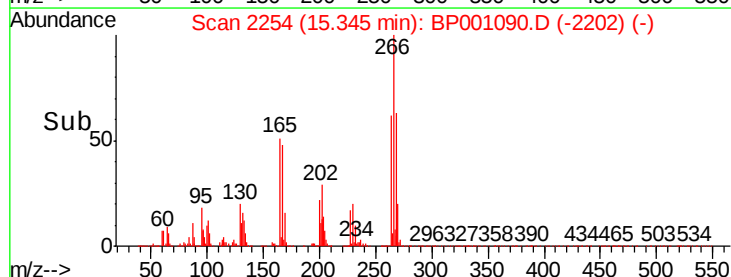
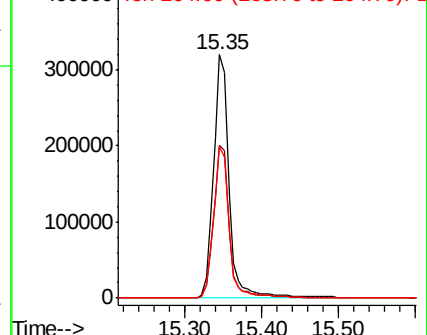
264 62.4 52.2 78.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

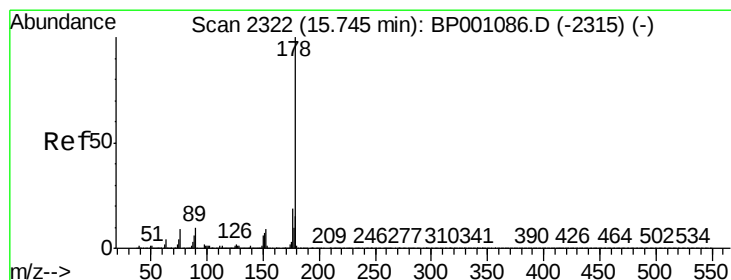
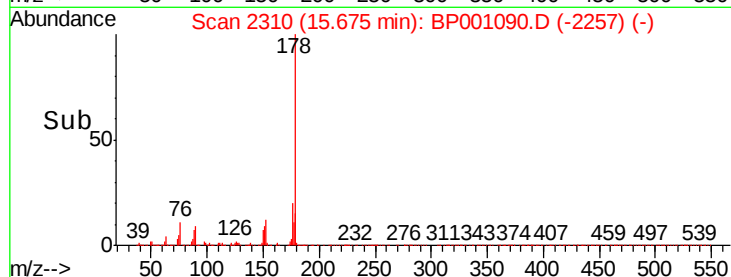
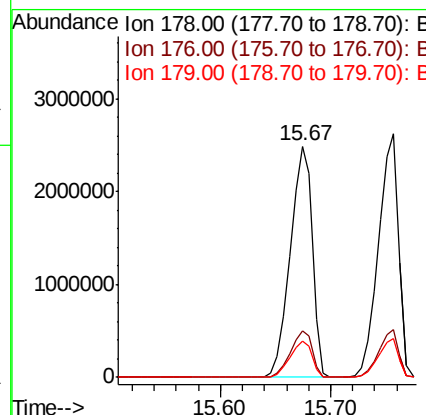
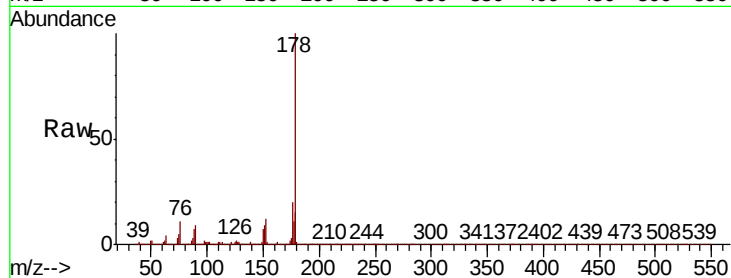




#71  
Phenanthrene  
Concen: 93.301 ng  
RT: 15.67 min Scan# 2310  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

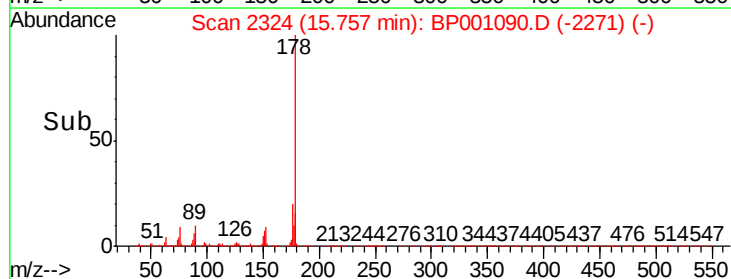
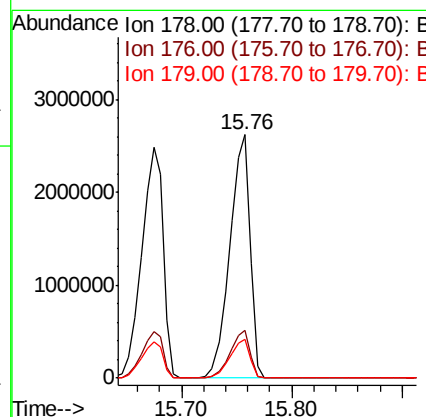
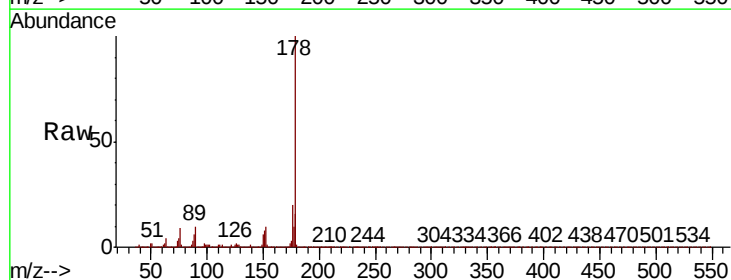
Instrument :  
BNA\_P  
ClientSampleId :

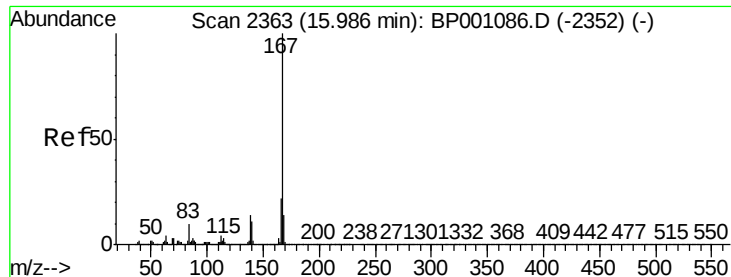
Tot Ion:178 Resp: 3394997  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.4 23.2  
179 15.5 12.5 18.7



#72  
Anthracene  
Concen: 94.515 ng  
RT: 15.76 min Scan# 2324  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:178 Resp: 3354965  
Ion Ratio Lower Upper  
178 100  
176 19.7 14.9 22.3  
179 15.9 12.2 18.4

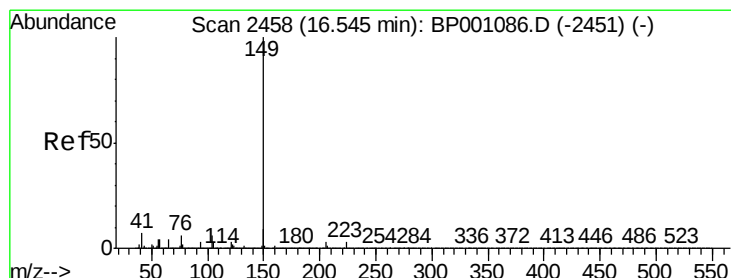
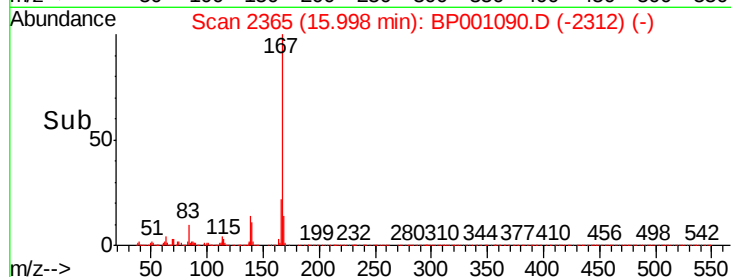
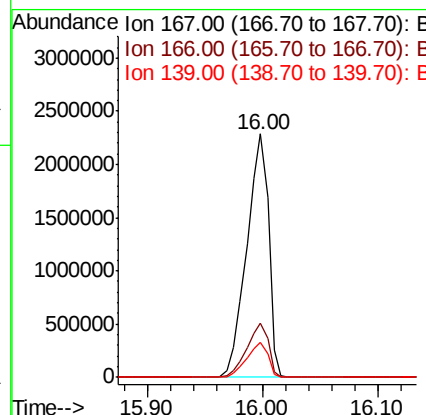
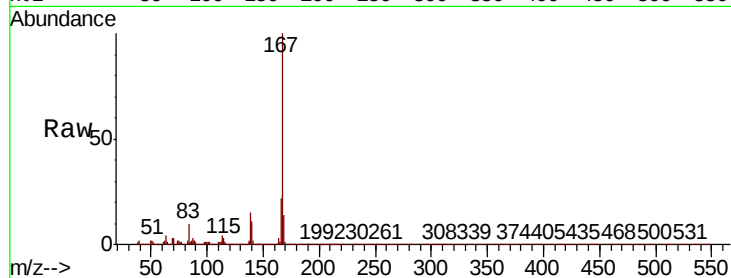




#73  
 Carbazole  
 Concen: 91.946 ng  
 RT: 16.00 min Scan# 2365  
 Delta R.T. 0.01 min  
 Lab File: BP001090.D  
 Acq: 27 Nov 2019 16:58

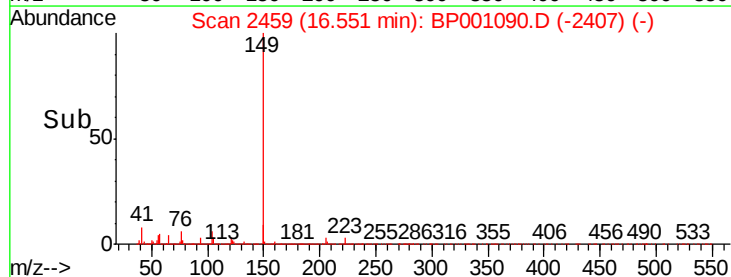
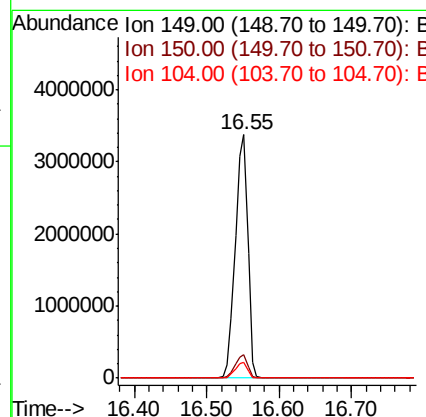
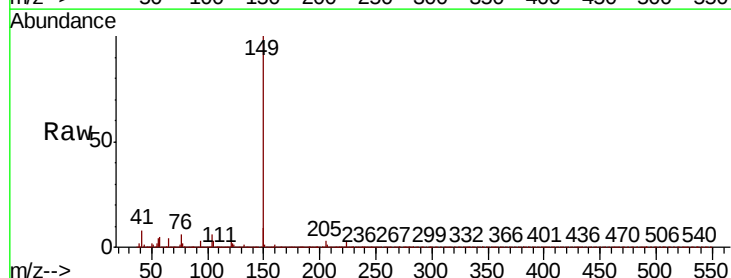
Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:167 Resp: 2992301  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.2 25.8  
 139 14.5 11.3 16.9



#74  
 Di-n-butylphthalate  
 Concen: 102.891 ng  
 RT: 16.55 min Scan# 2459  
 Delta R.T. 0.01 min  
 Lab File: BP001090.D  
 Acq: 27 Nov 2019 16:58

Tgt Ion:149 Resp: 4041225  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.2  
 104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 82.950 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

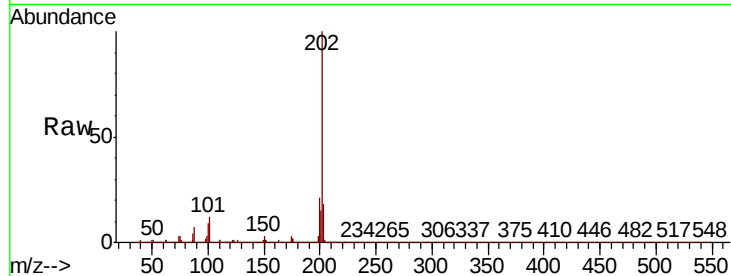
Tot Ion:202 Resp: 3411637

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.1

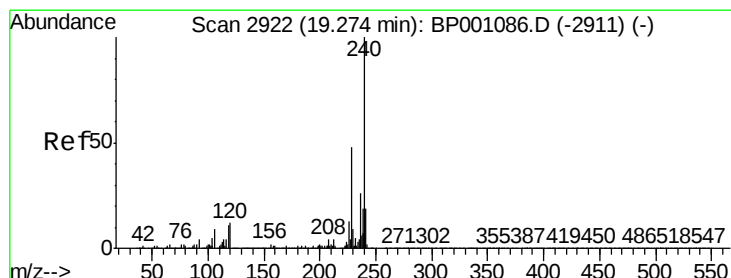
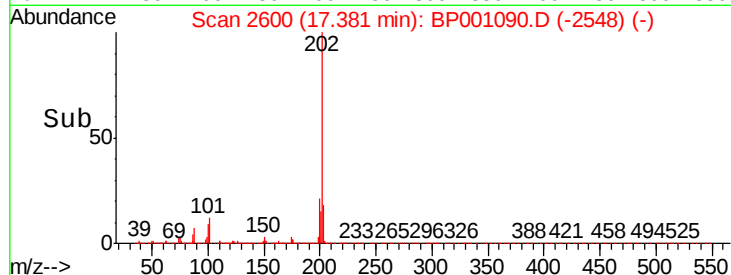
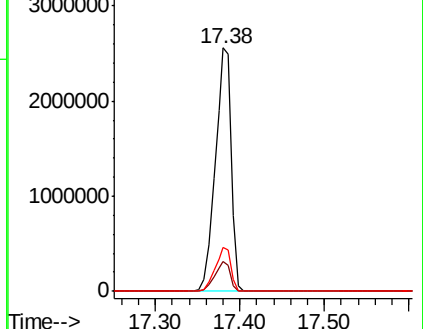
203 17.9 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.28 min Scan# 2923

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

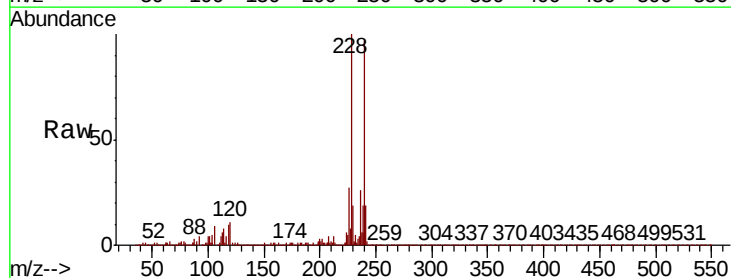
Tgt Ion:240 Resp: 420220

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

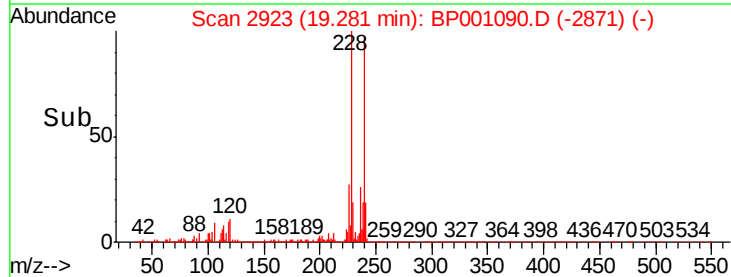
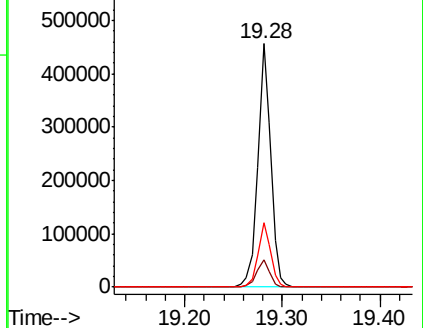
236 26.7 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

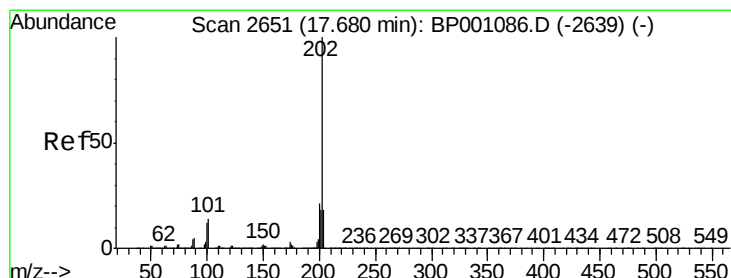
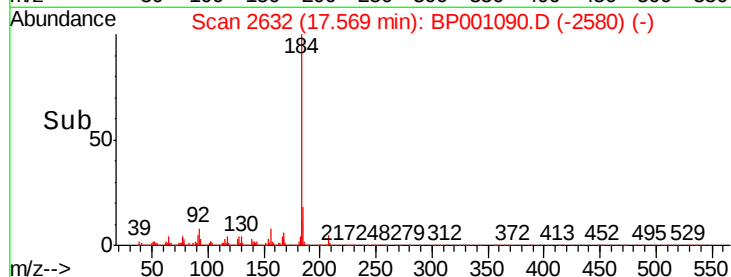
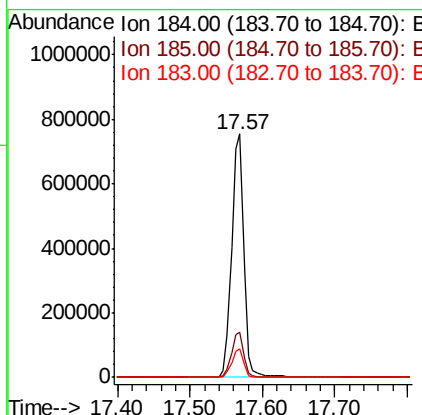
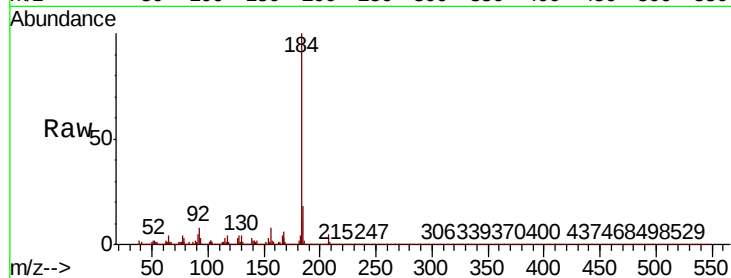




#77  
Benzidine  
Concen: 57.082 ng  
RT: 17.57 min Scan# 2632  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

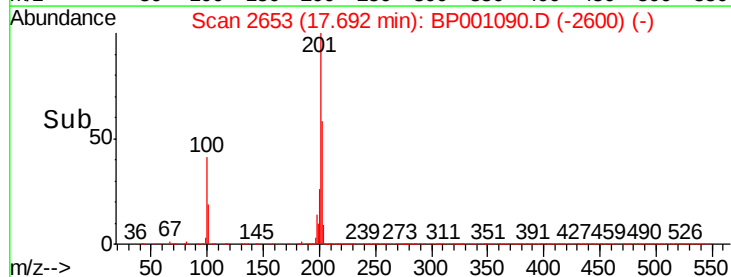
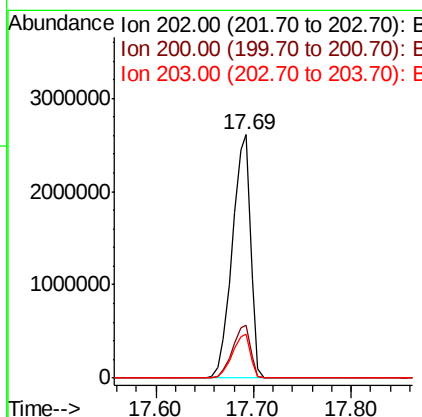
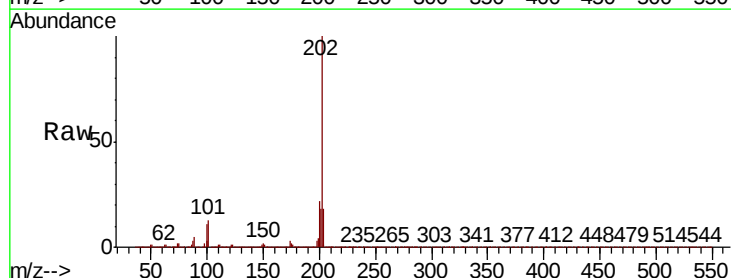
Instrument :  
BNA\_P  
ClientSampleId :

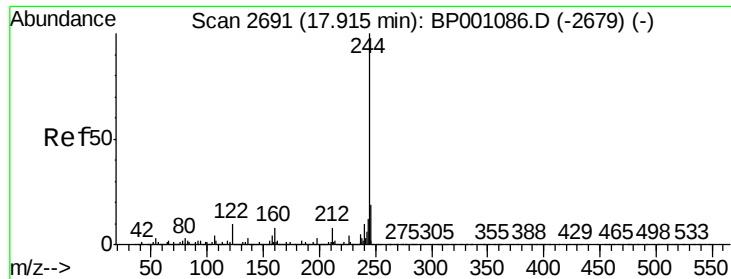
Tot Ion:184 Resp: 883336  
Ion Ratio Lower Upper  
184 100  
185 18.4 12.2 18.4#  
183 11.8 9.3 13.9



#78  
Pyrene  
Concen: 113.861 ng  
RT: 17.69 min Scan# 2653  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:202 Resp: 3381361  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.0 25.6  
203 17.8 14.1 21.1

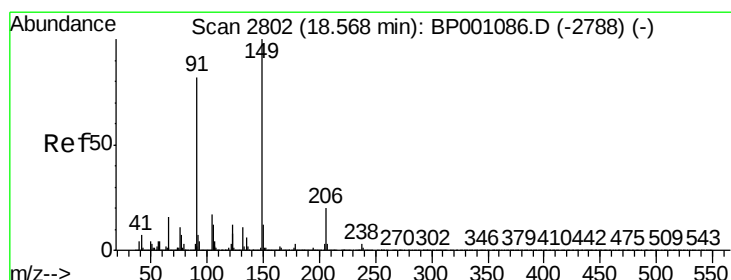
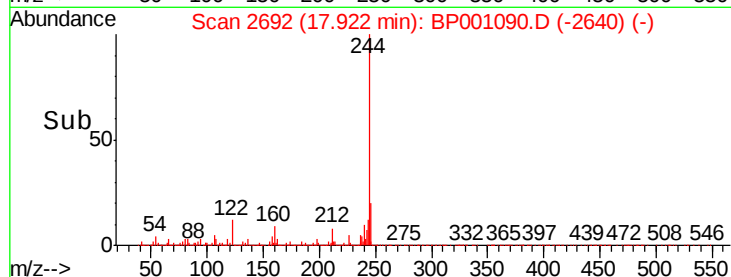
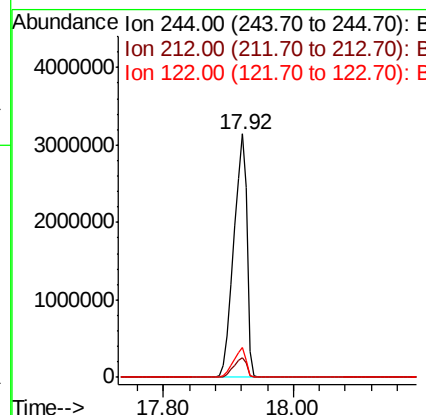
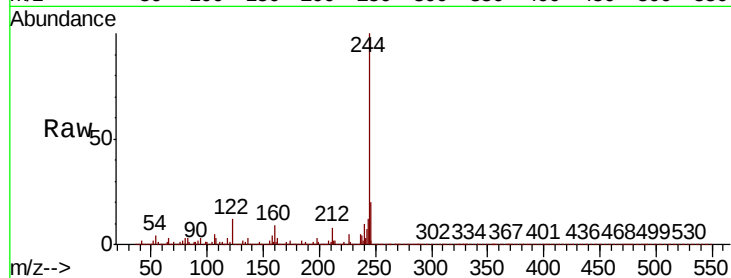




#79  
 Terphenyl-d14  
 Concen: 207.453 ng  
 RT: 17.92 min Scan# 2692  
 Delta R.T. 0.01 min  
 Lab File: BP001090.D  
 Acq: 27 Nov 2019 16:58

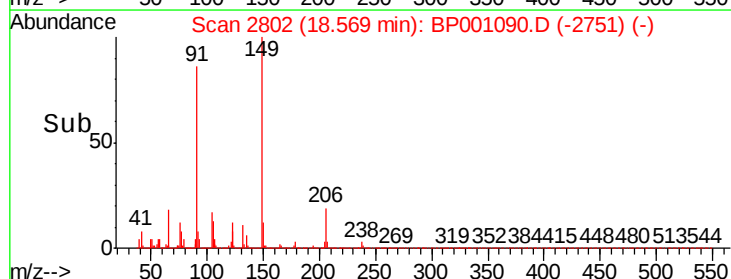
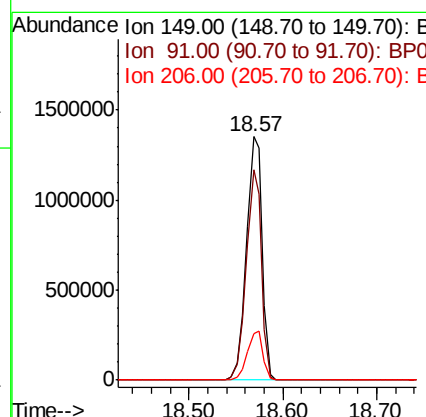
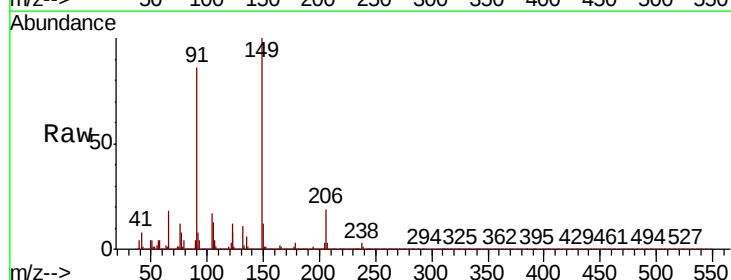
Instrument :  
 BNA\_P  
 ClientSampleId :

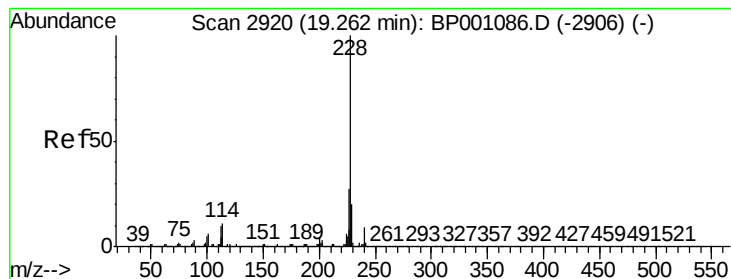
Tot Ion:244 Resp: 4382579  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.2 9.2  
 122 12.5 8.2 12.2#



#80  
 Butylbenzylphthalate  
 Concen: 132.551 ng  
 RT: 18.57 min Scan# 2802  
 Delta R.T. 0.00 min  
 Lab File: BP001090.D  
 Acq: 27 Nov 2019 16:58

Tgt Ion:149 Resp: 1558667  
 Ion Ratio Lower Upper  
 149 100  
 91 86.2 65.4 98.2  
 206 18.9 16.0 24.0





#81

Benzo(a)anthracene

Concen: 100.038 ng

RT: 19.27 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

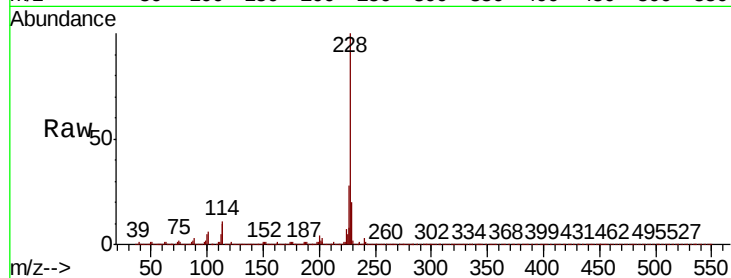
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:228 Resp: 2831232

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.8  | 21.8  | 32.6  |
| 229 | 19.7  | 15.8  | 23.6  |

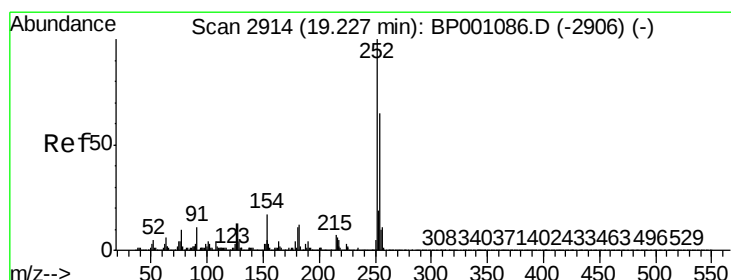
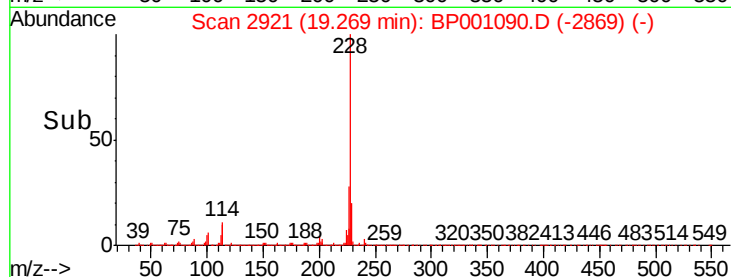
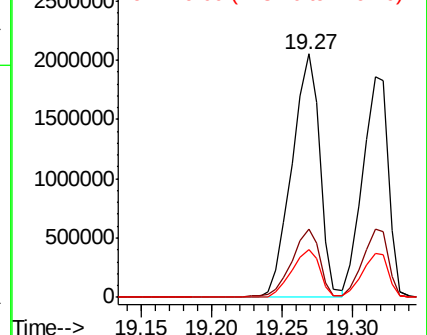


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 83.279 ng

RT: 19.24 min Scan# 2916

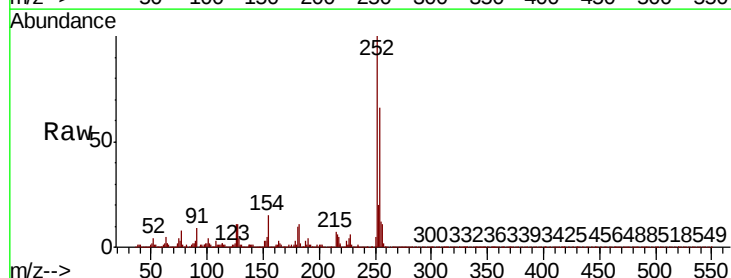
Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Tgt Ion:252 Resp: 859343

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.6  | 51.7  | 77.5  |
| 126 | 10.8  | 10.2  | 15.4  |

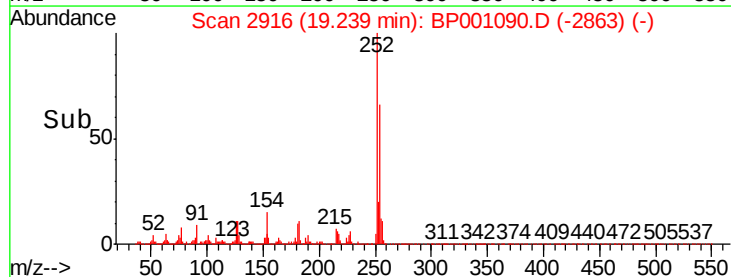
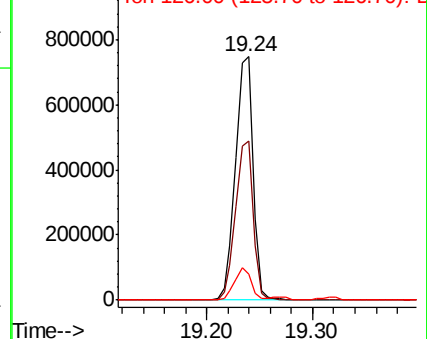


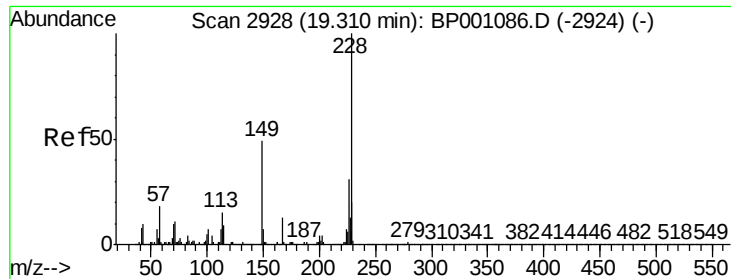
Abundance

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: 94.785 ng

RT: 19.32 min Scan# 2929

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

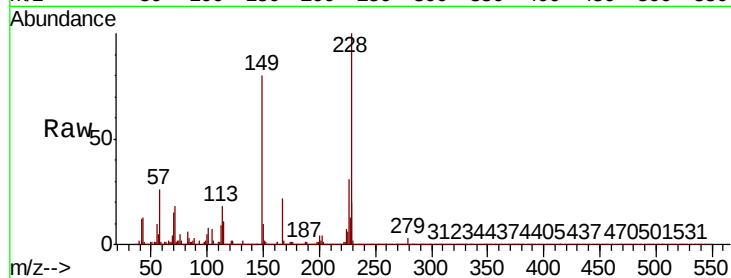
Instrument :

BNA\_P

ClientSampled :

Tot Ion:228 Resp: 2355137

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.0  | 24.4  | 36.6  |
| 229 | 19.9  | 15.7  | 23.5  |

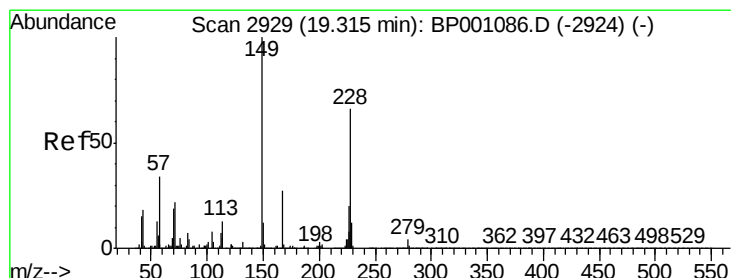
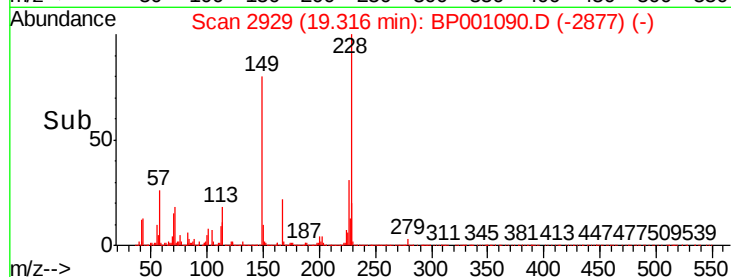
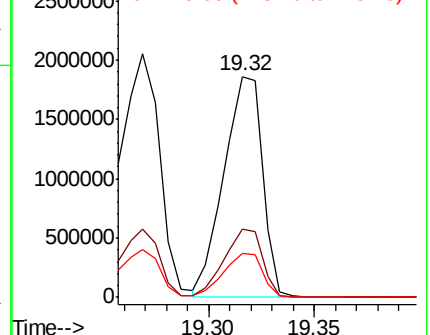


Abundance

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: 127.885 ng

RT: 19.32 min Scan# 2930

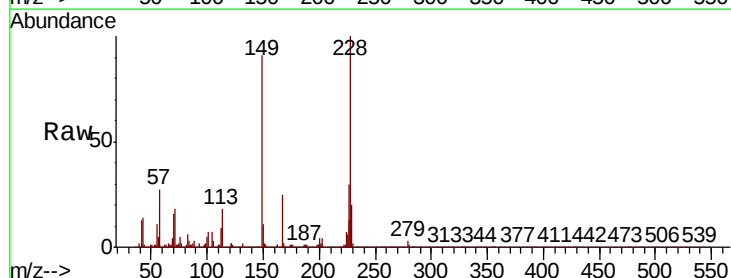
Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Tgt Ion:149 Resp: 1912024

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.2  | 21.3  | 31.9  |
| 279 | 3.8   | 2.8   | 4.2   |

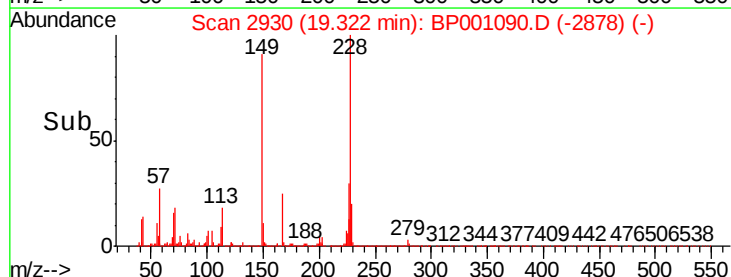
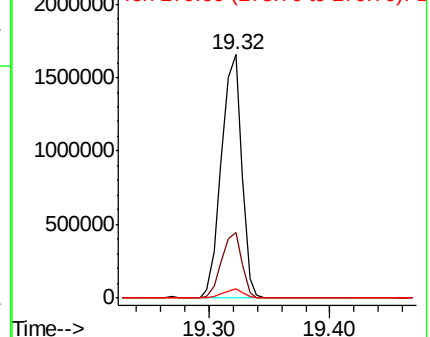


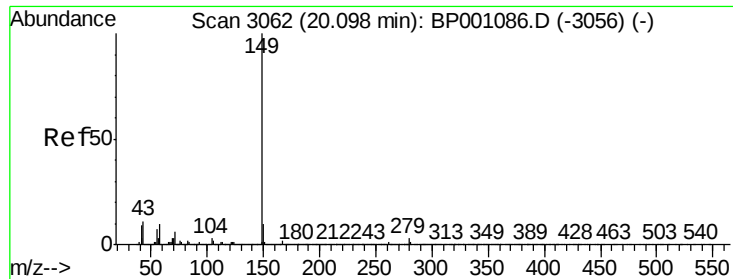
Abundance

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: 131.310 ng

RT: 20.10 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

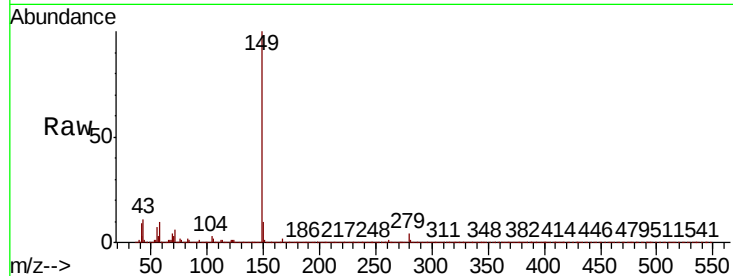
Tot Ion:149 Resp: 3534310

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

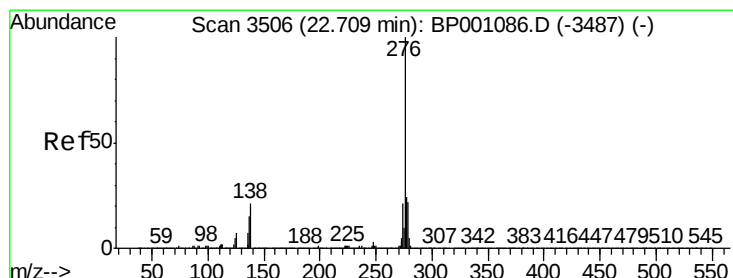
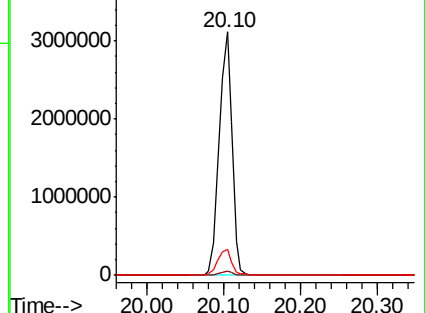
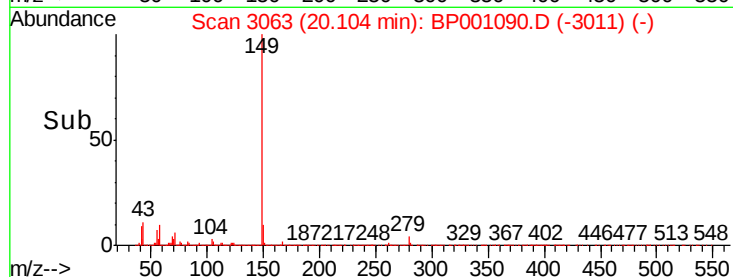
43 11.7 8.5 12.7



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): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 95.528 ng

RT: 22.73 min Scan# 3509

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

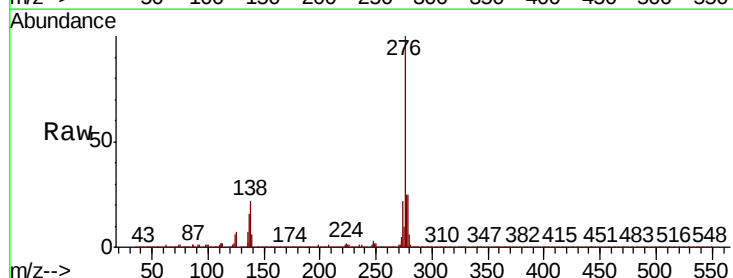
Tgt Ion:276 Resp: 3247708

Ion Ratio Lower Upper

276 100

138 25.0 20.6 30.8

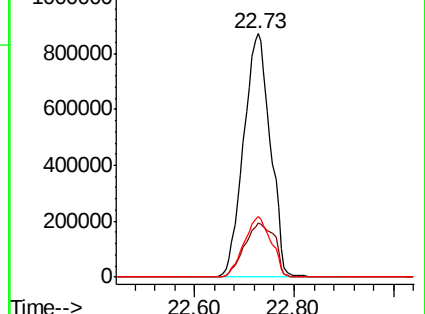
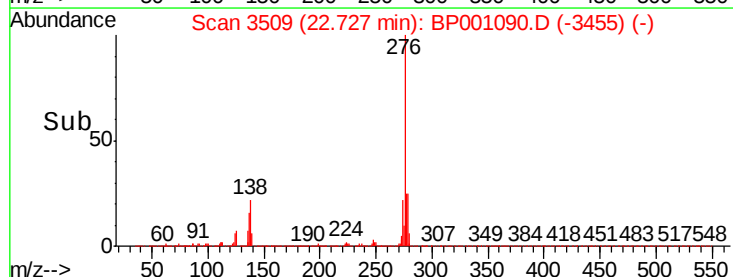
277 25.3 20.0 30.0

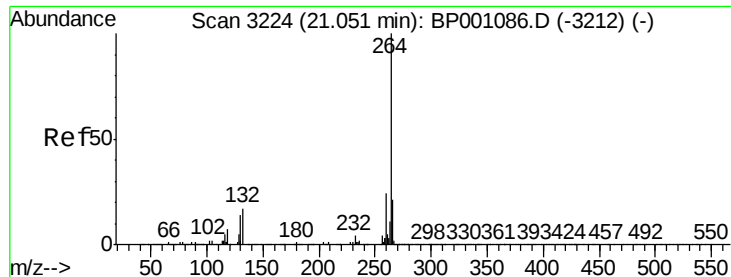


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Instrument :

BNA\_P

ClientSampleId :

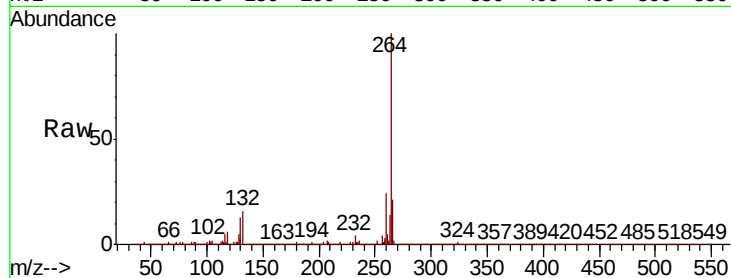
Tot Ion:264 Resp: 475448

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

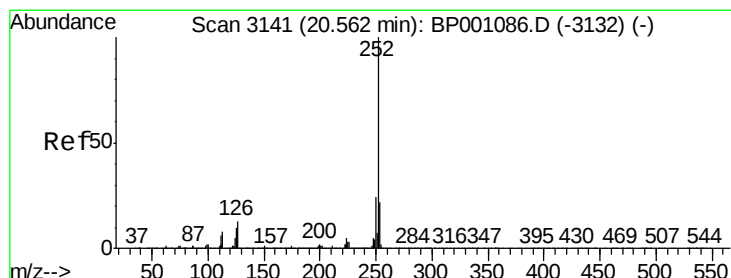
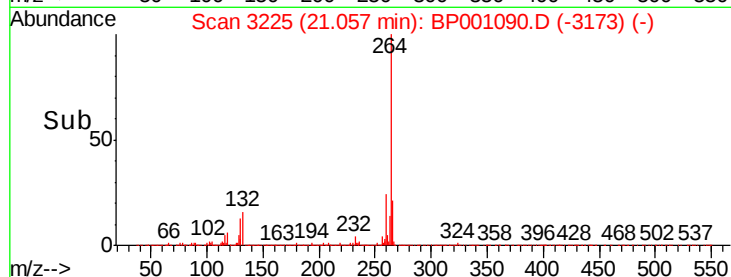
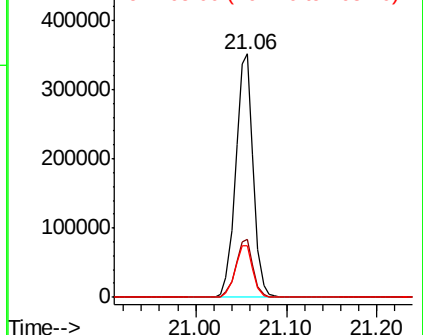
265 21.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 96.161 ng

RT: 20.57 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

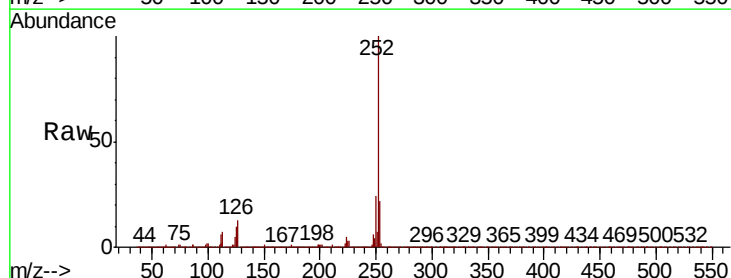
Tgt Ion:252 Resp: 2725277

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

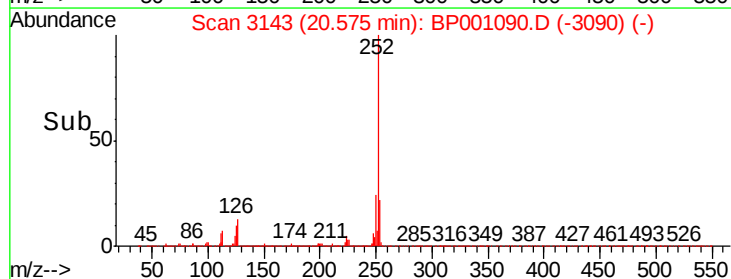
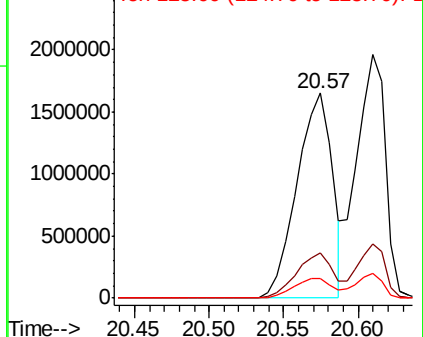
125 9.6 8.1 12.1

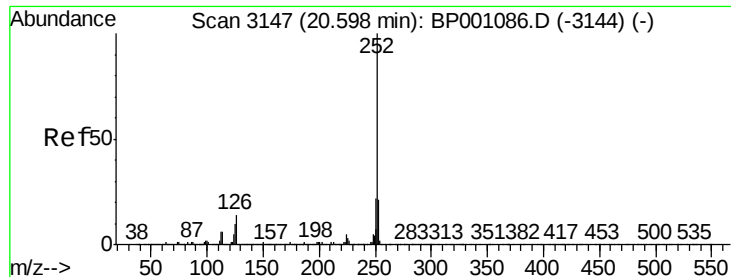


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

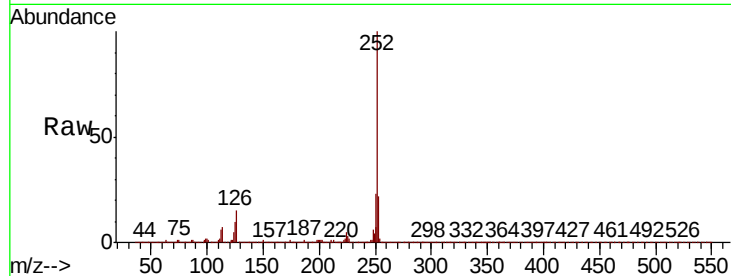




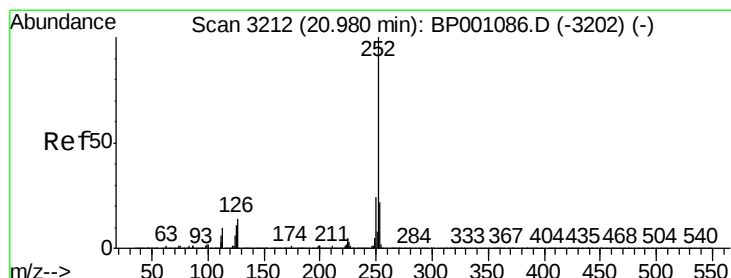
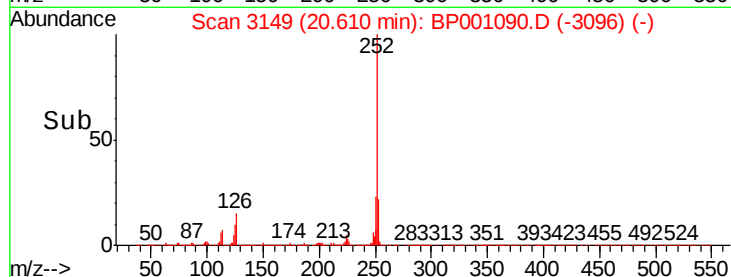
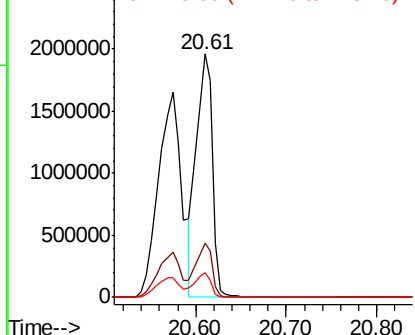
#89  
Benzo(k)fluoranthene  
Concen: 90.447 ng  
RT: 20.61 min Scan# 3149  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:252 Resp: 2412952  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.1 25.7  
125 10.2 8.2 12.2

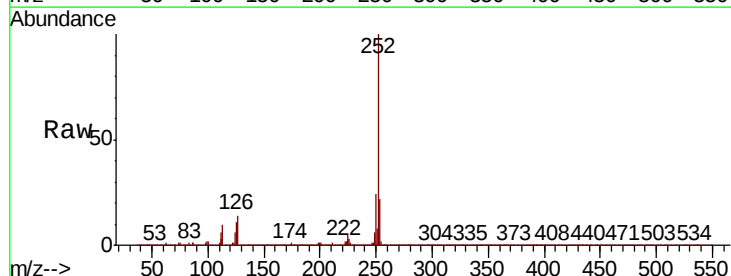


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

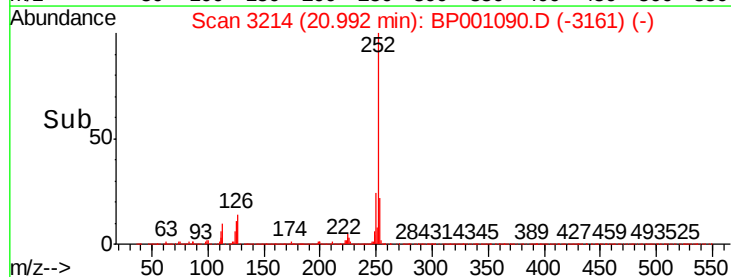
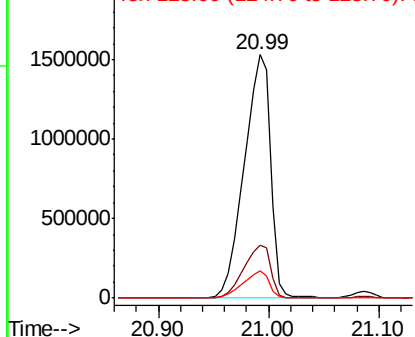


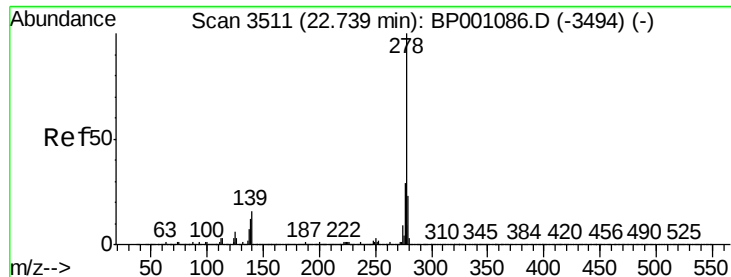
#90  
Benzo(a)pyrene  
Concen: 98.829 ng  
RT: 20.99 min Scan# 3214  
Delta R.T. 0.01 min  
Lab File: BP001090.D  
Acq: 27 Nov 2019 16:58

Tgt Ion:252 Resp: 2575499  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 11.3 8.7 13.1



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: 97.393 ng

RT: 22.76 min Scan# 3515

Delta R.T. 0.02 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

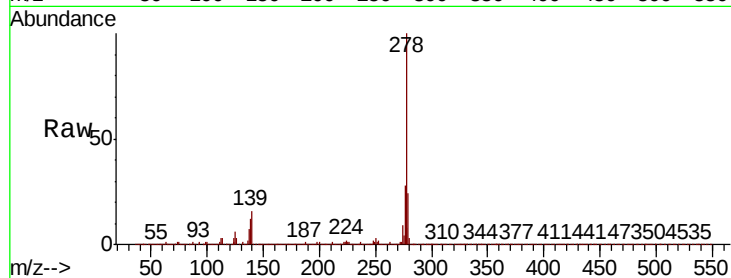
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:278 Resp: 2590427

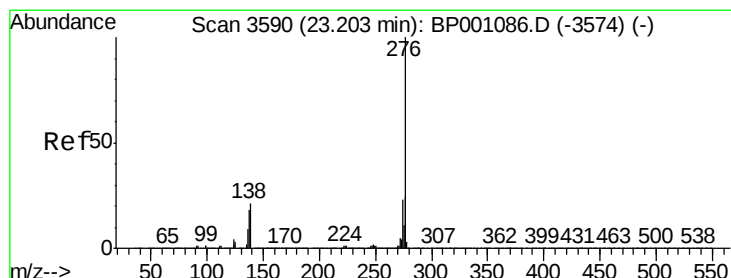
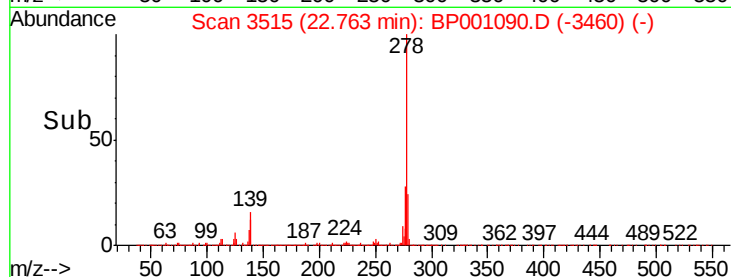
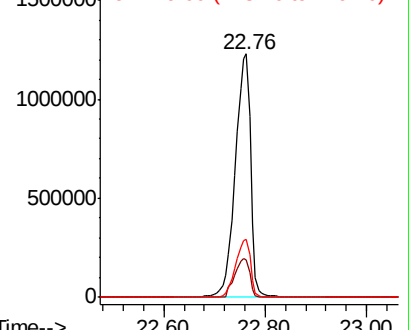
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.5  | 13.0  | 19.4  |
| 279 | 23.8  | 18.7  | 28.1  |



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 100.343 ng

RT: 23.23 min Scan# 3595

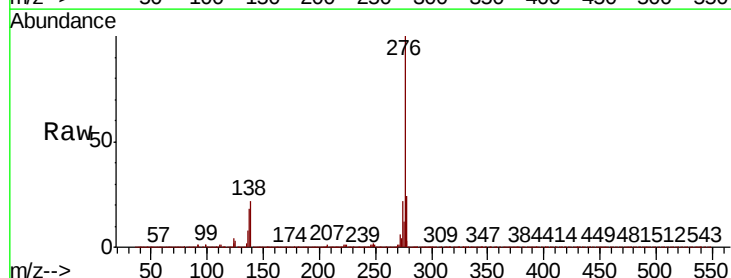
Delta R.T. 0.03 min

Lab File: BP001090.D

Acq: 27 Nov 2019 16:58

Tgt Ion:276 Resp: 2687375

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.7  | 19.2  | 28.8  |
| 138 | 21.7  | 17.2  | 25.8  |



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

