

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\  
 Data File : BP000058.D  
 Acq On : 04 Sep 2019 11:45  
 Operator : HP/JU  
 Sample : K4554-44MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Sep 04 14:09:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 17:47:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 475270   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 1755147  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.94  | 164  | 939528   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.43 | 188  | 1650191  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.10 | 240  | 1304261  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 1462367  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 3779700 | 126.82 | ng | 0.01 |
| 7) Phenol-d6             | 6.52  | 99  | 4950610 | 131.58 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.45  | 82  | 2698493 | 94.34  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 1124646 | 142.01 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.26  | 172 | 4839008 | 86.01  | ng | 0.00 |
| 79) Terphenyl-d14        | 13.04 | 244 | 5174383 | 86.47  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.72 | 88  | 527313  | 38.464 | ng | 97     |
| 3) Pyridine                    | 3.49 | 79  | 1309899 | 35.464 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.43 | 42  | 490597  | 41.134 | ng | 91     |
| 6) Aniline                     | 6.56 | 93  | 1669285 | 30.655 | ng | 98     |
| 8) 2-Chlorophenol              | 6.68 | 128 | 1488879 | 48.312 | ng | 98     |
| 9) Benzaldehyde                | 6.44 | 77  | 970613  | 41.833 | ng | 96     |
| 10) Phenol                     | 6.53 | 94  | 2053879 | 49.132 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 1498807 | 45.387 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 1623317 | 45.159 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.91 | 146 | 1653881 | 46.204 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 1504851 | 45.756 | ng | 97     |
| 15) Benzyl Alcohol             | 7.03 | 79  | 1260659 | 45.698 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 1471333 | 41.432 | ng | 97     |
| 17) 2-Methylphenol             | 7.14 | 107 | 1248921 | 47.186 | ng | 99     |
| 18) Hexachloroethane           | 7.41 | 117 | 600836  | 45.257 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 946219  | 44.188 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 1598998 | 48.440 | ng | 95     |
| 22) Acetophenone               | 7.30 | 105 | 2093686 | 49.802 | ng | 98     |
| 24) Nitrobenzene               | 7.47 | 77  | 1506801 | 48.625 | ng | 96     |
| 25) Isophorone                 | 7.71 | 82  | 2841732 | 47.019 | ng | 98     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 707564  | 58.633 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122 | 1294750 | 53.169 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 1833431 | 46.651 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 1294290 | 51.689 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 1377599 | 48.259 | ng | 99     |
| 31) Naphthalene                | 8.20 | 128 | 4089771 | 50.787 | ng | 98     |
| 32) Benzoic acid               | 7.92 | 122 | 751463  | 46.405 | ng | 98     |
| 33) 4-Chloroaniline            | 8.24 | 127 | 470333  | 12.384 | ng | 95     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 769006  | 47.810 | ng | 99     |
| 35) Caprolactam                | 8.60 | 113 | 243968  | 27.397 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 1352499 | 49.504 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 2885150 | 51.268 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 2667215 | 50.302 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 1315864 | 49.481 | ng | 99     |

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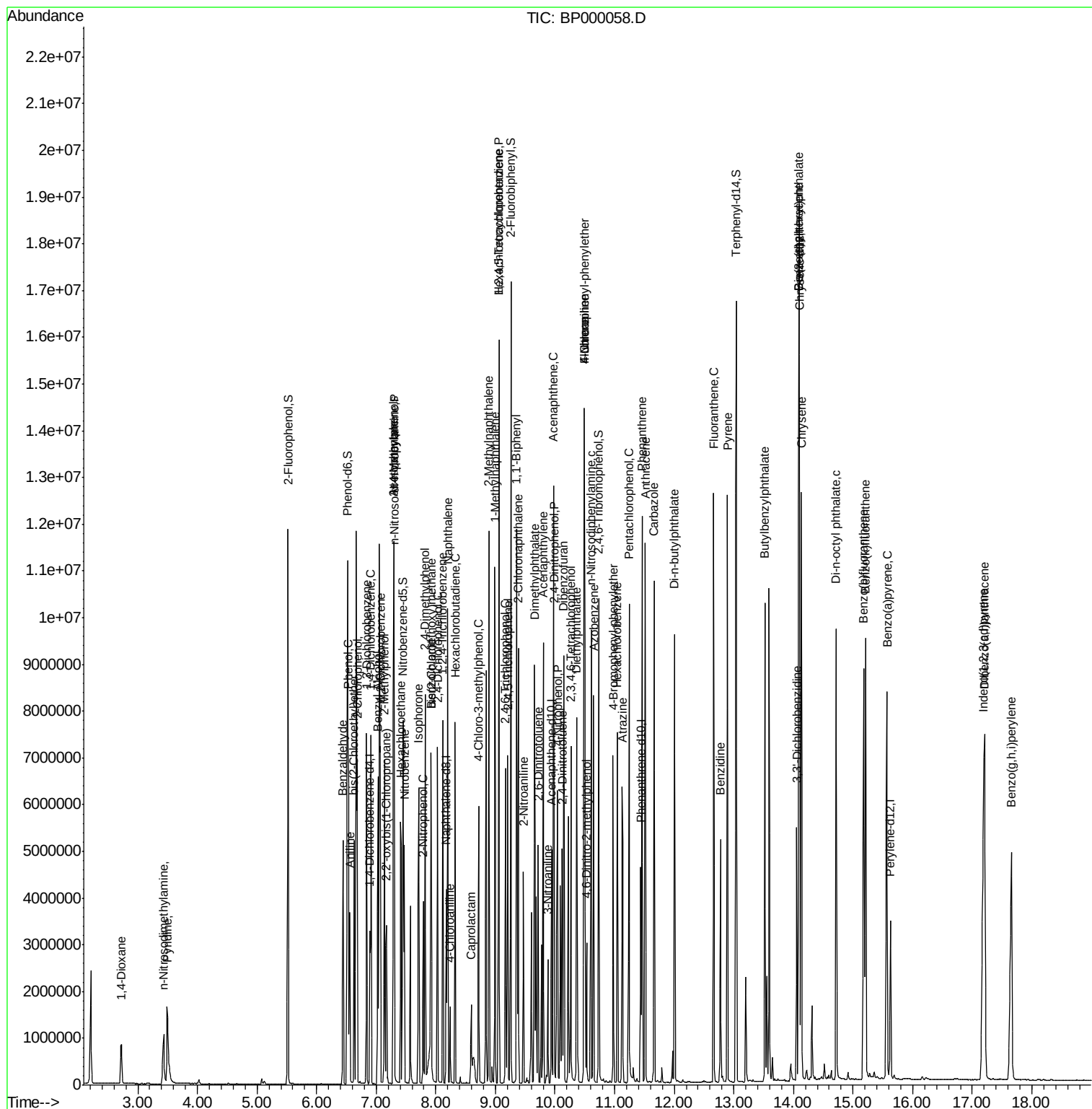
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.06  | 237  | 1565586  | 106.920 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 888717   | 48.460  | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 964137   | 50.247  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 3324038  | 50.116  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 2644925  | 48.039  | ng    | 99       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 684729   | 46.043  | ng    | 88       |
| 49) Acenaphthylene             | 9.80  | 152  | 4083889  | 49.989  | ng    | 99       |
| 50) Dimethylphthalate          | 9.66  | 163  | 3467757  | 54.164  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 709661   | 52.221  | ng    | 96       |
| 52) Acenaphthene               | 9.97  | 154  | 2743705  | 53.522  | ng    | 98       |
| 53) 3-Nitroaniline             | 9.88  | 138  | 396987   | 24.453  | ng    | 92       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 548624   | 104.700 | ng    | # 39     |
| 55) Dibenzofuran               | 10.15 | 168  | 3656228  | 50.227  | ng    | 98       |
| 56) 4-Nitrophenol              | 10.04 | 139  | 1218454  | 105.004 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 941109   | 54.245  | ng    | # 84     |
| 58) Fluorene                   | 10.49 | 166  | 2736941  | 49.957  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 776322   | 53.435  | ng    | 96       |
| 60) Diethylphthalate           | 10.36 | 149  | 3057851  | 47.716  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.49 | 204  | 1416140  | 49.732  | ng    | 98       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 746906   | 48.234  | ng    | 96       |
| 63) Azobenzene                 | 10.65 | 77   | 2897581  | 47.216  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 379515   | 57.868  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.60 | 169  | 2557261  | 52.161  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.98 | 248  | 860444   | 51.307  | ng    | 96       |
| 68) Hexachlorobenzene          | 11.05 | 284  | 883633   | 48.357  | ng    | # 86     |
| 69) Atrazine                   | 11.13 | 200  | 772584   | 62.008  | ng    | 98       |
| 70) Pentachlorophenol          | 11.24 | 266  | 1095960  | 110.688 | ng    | 99       |
| 71) Phenanthrene               | 11.46 | 178  | 4182855  | 50.856  | ng    | 99       |
| 72) Anthracene                 | 11.52 | 178  | 4227367  | 52.030  | ng    | 99       |
| 73) Carbazole                  | 11.66 | 167  | 3962054  | 51.663  | ng    | 99       |
| 74) Di-n-butylphthalate        | 12.00 | 149  | 4671964  | 50.240  | ng    | 99       |
| 75) Fluoranthene               | 12.66 | 202  | 4682400  | 52.388  | ng    | 97       |
| 77) Benzidine                  | 12.78 | 184  | 2013592  | 44.747  | ng    | 98       |
| 78) Pyrene                     | 12.89 | 202  | 4668321  | 48.654  | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.52 | 149  | 2131169  | 49.850  | ng    | # 91     |
| 81) Benzo(a)anthracene         | 14.10 | 228  | 4128728  | 48.851  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.06 | 252  | 1153387  | 36.993  | ng    | 98       |
| 83) Chrysene                   | 14.13 | 228  | 3984487  | 49.843  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 2779906  | 49.967  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.72 | 149  | 4932836  | 50.315  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.19 | 276  | 5040011  | 50.314  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.18 | 252  | 4319919  | 48.362  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.21 | 252  | 4158949  | 50.879  | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.57 | 252  | 4205685  | 52.158  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.21 | 278  | 4103646  | 50.891  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.66 | 276  | 4100719  | 51.380  | ng    | 98       |

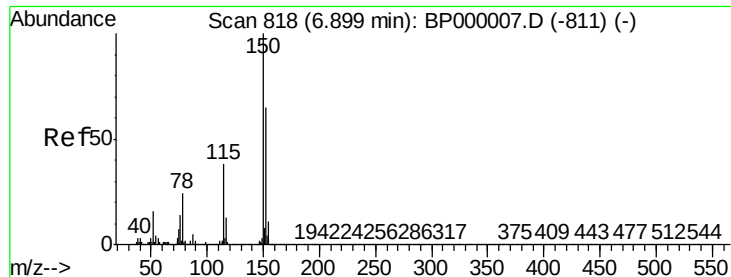
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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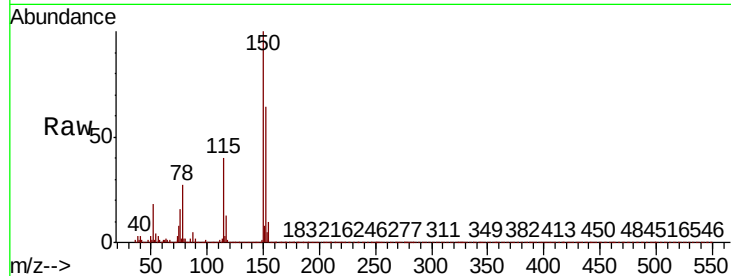


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.5 | 123.0 | 184.6 |
| 115     | 62.3  | 46.7  | 70.1  |

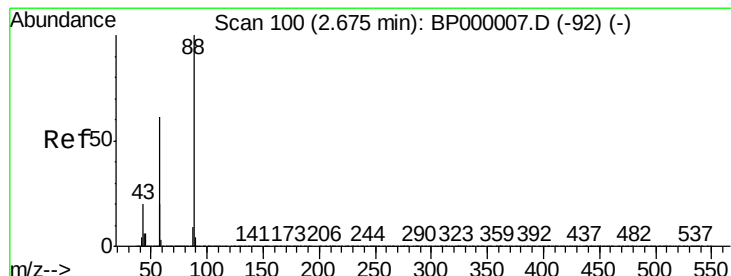
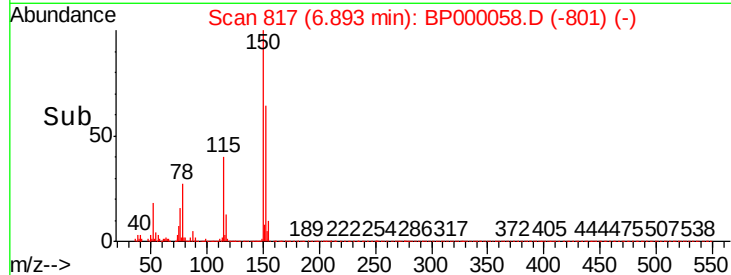
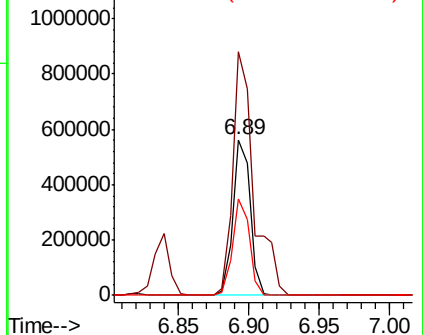


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

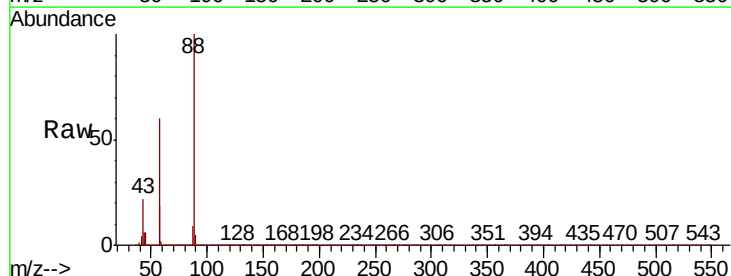
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 38.464 ng  
RT: 2.72 min Scan# 108  
Delta R.T. 0.05 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 60.2  | 49.8  | 74.8  |
| 43      | 19.8  | 16.9  | 25.3  |

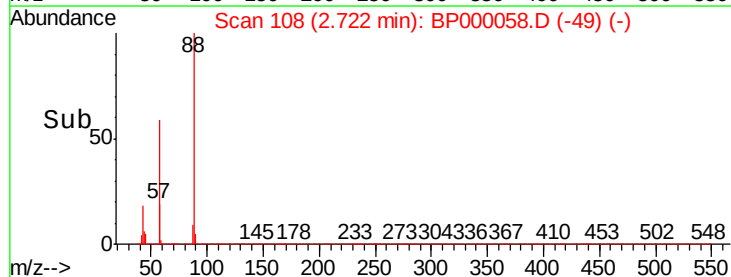
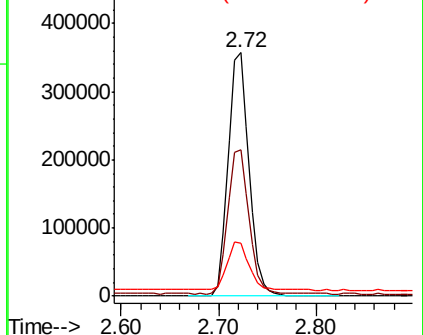


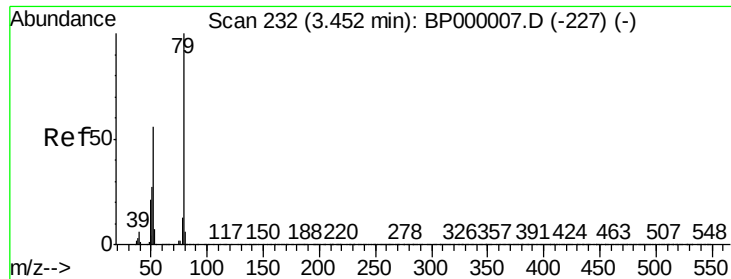
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 35.464 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA\_P

ClientSampleId :

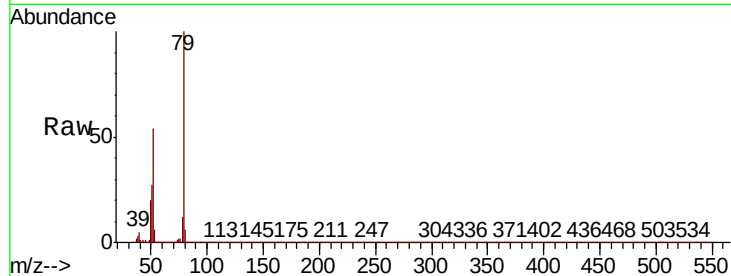
Tot Ion: 79 Resp: 1309899

Ion Ratio Lower Upper

79 100

52 53.9 44.5 66.7

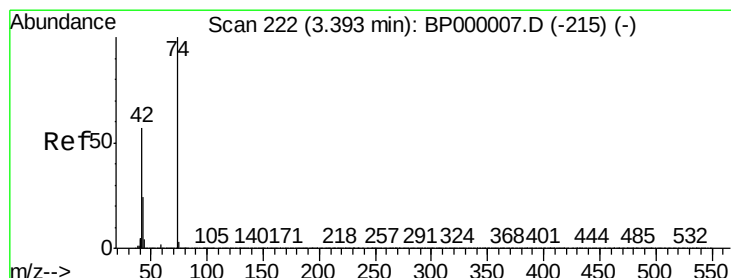
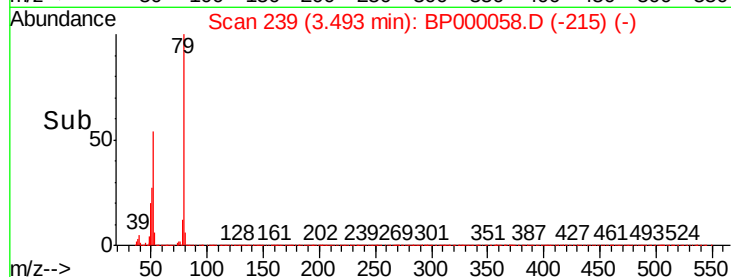
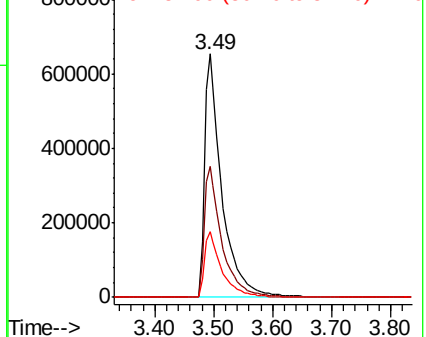
51 26.8 21.8 32.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 41.134 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.04 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

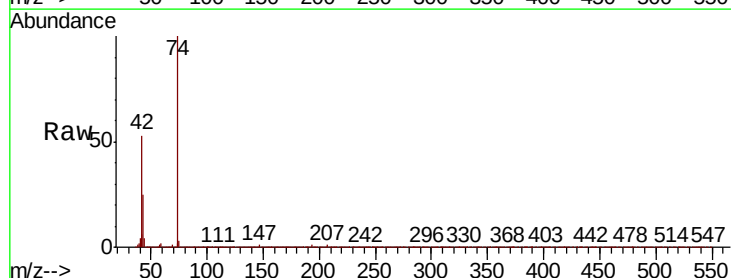
Tgt Ion: 42 Resp: 490597

Ion Ratio Lower Upper

42 100

74 187.3 139.9 209.9

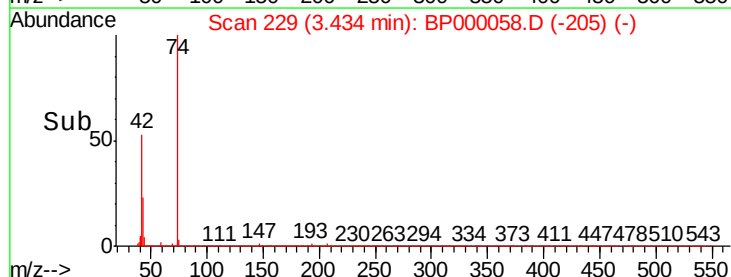
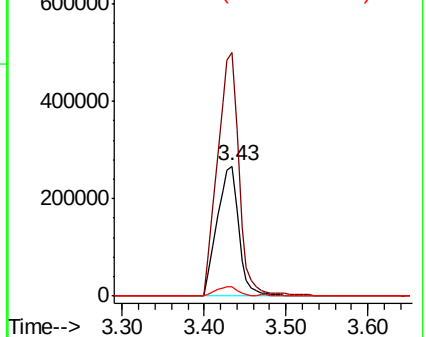
44 7.2 6.9 10.3

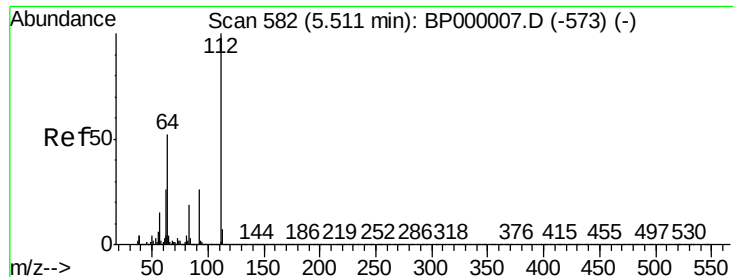


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 126.816 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

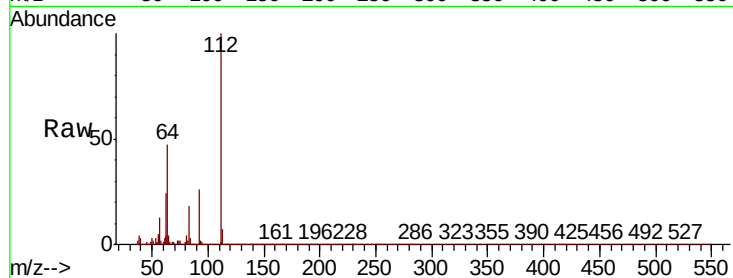
Instrument :

BNA\_P

ClientSampled :

Tot Ion:112 Resp: 3779700

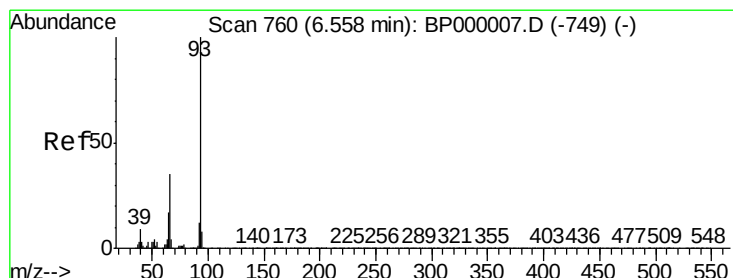
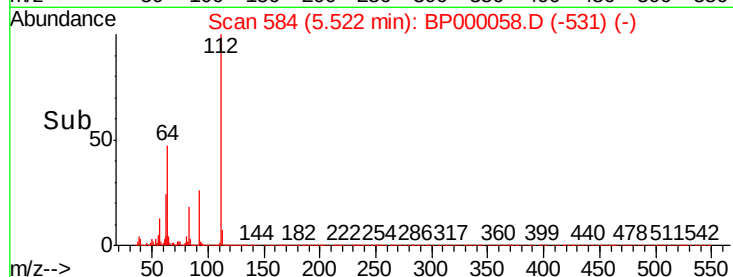
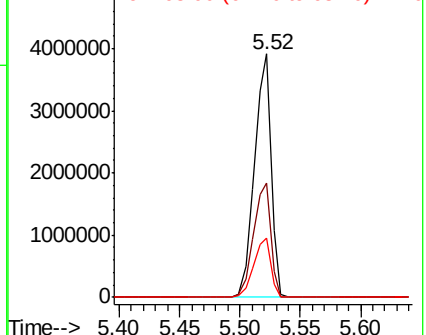
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 47.1  | 41.8  | 62.8  |
| 63  | 24.2  | 21.0  | 31.4  |



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 30.655 ng

RT: 6.56 min Scan# 760

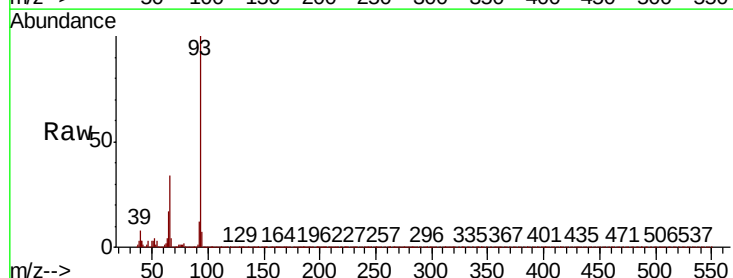
Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion: 93 Resp: 1669285

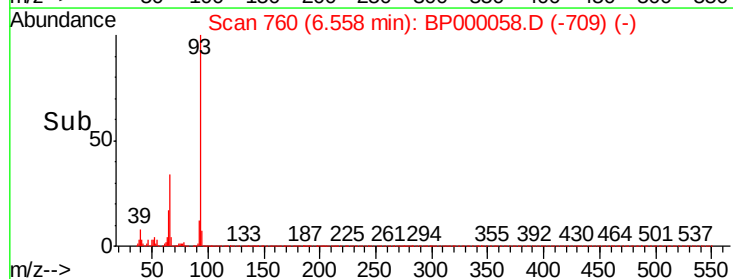
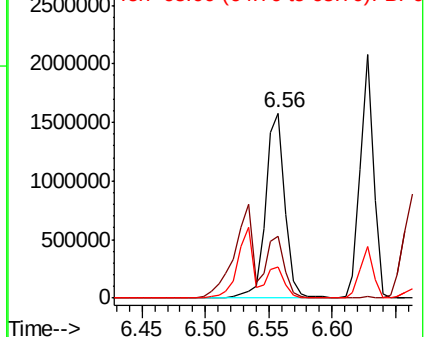
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 66  | 33.5  | 27.8  | 41.8  |
| 65  | 16.9  | 13.9  | 20.9  |

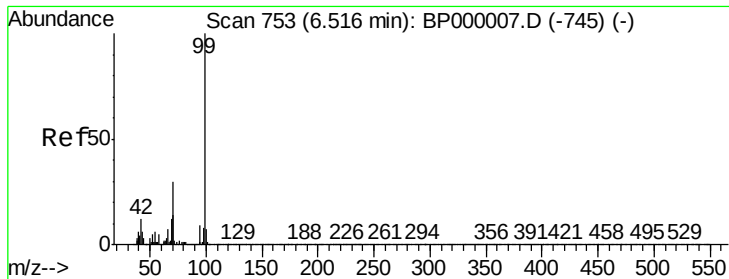


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 131.575 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

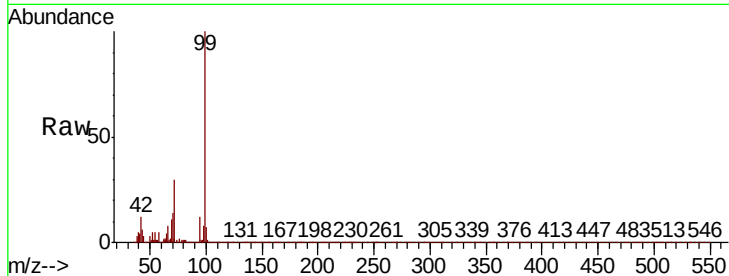
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 4950610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 11.5  | 9.8   | 14.8  |
| 71  | 29.9  | 23.8  | 35.8  |

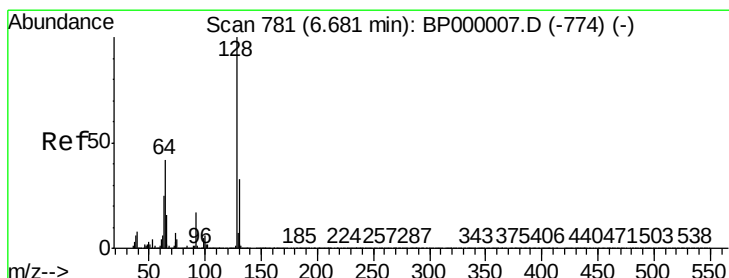
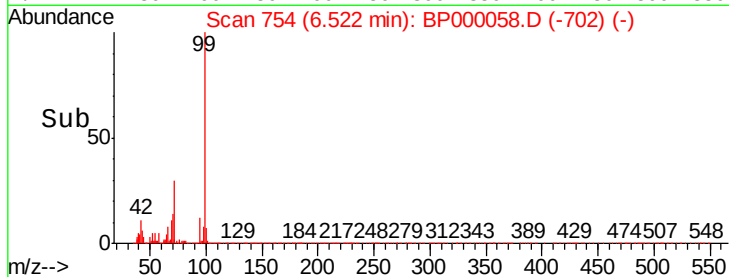
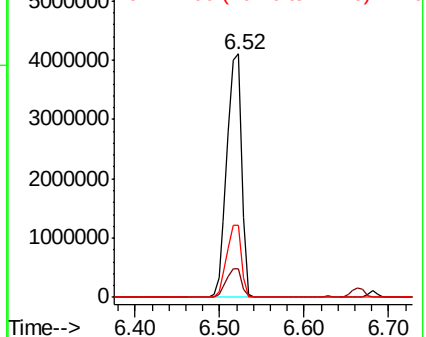


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 48.312 ng

RT: 6.68 min Scan# 781

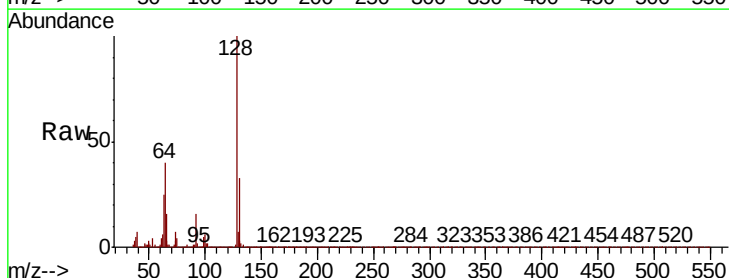
Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:128 Resp: 1488879

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 13.0  | 53.0  |
| 64  | 40.4  | 22.0  | 62.0  |

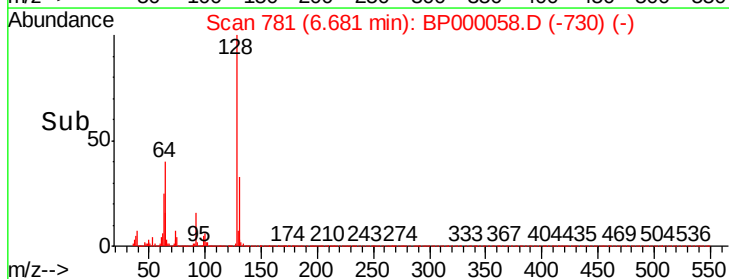
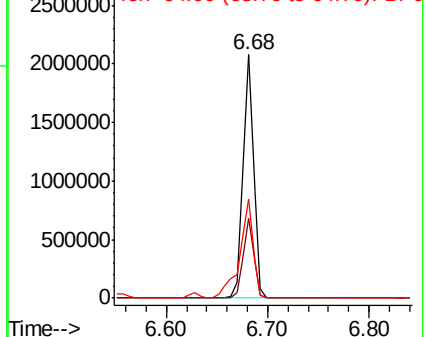


Abundance

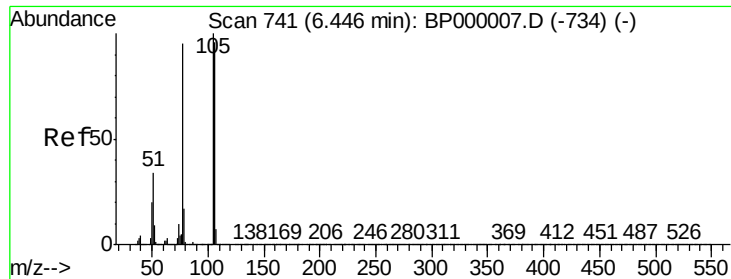
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0







#9

Benzaldehyde

Concen: 41.833 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA\_P

ClientSampleId :

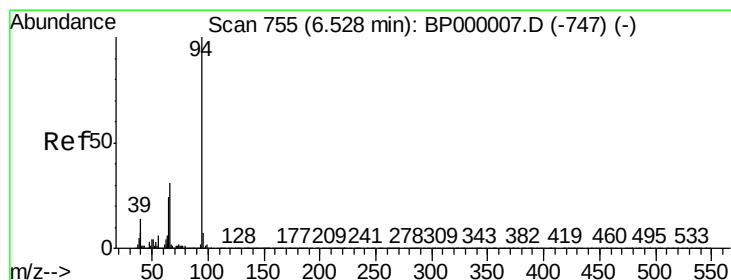
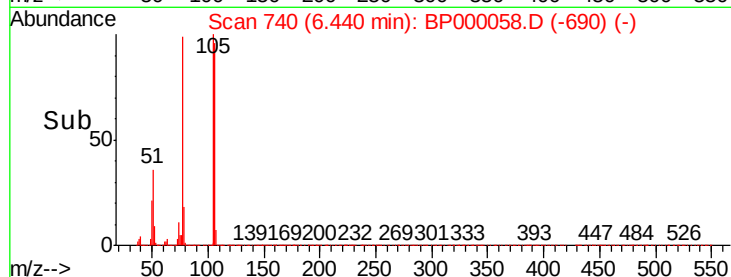
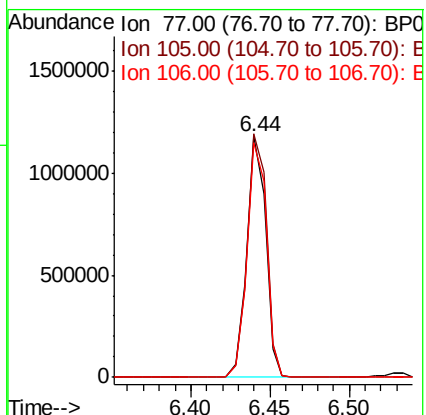
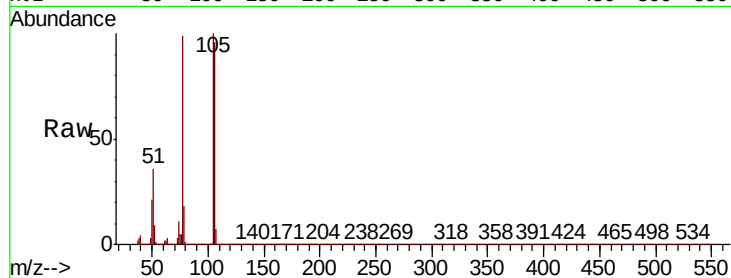
Tot Ion: 77 Resp: 970613

Ion Ratio Lower Upper

77 100

105 101.3 85.1 125.1

106 97.4 80.8 120.8



#10

Phenol

Concen: 49.132 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

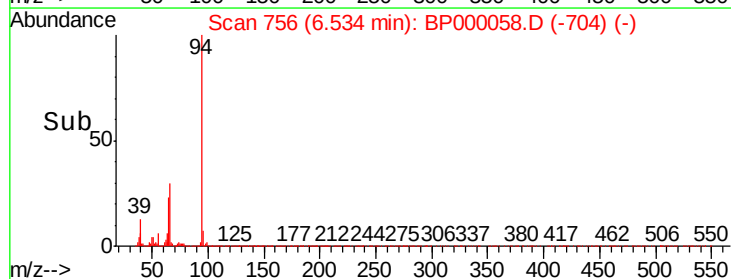
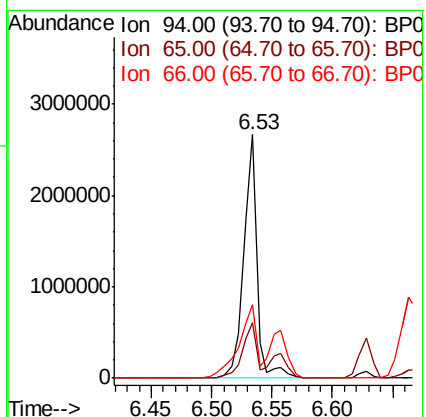
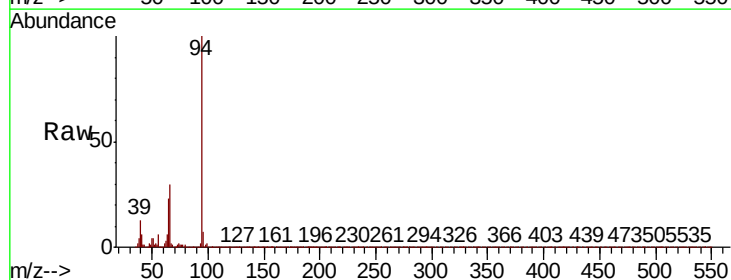
Tgt Ion: 94 Resp: 2053879

Ion Ratio Lower Upper

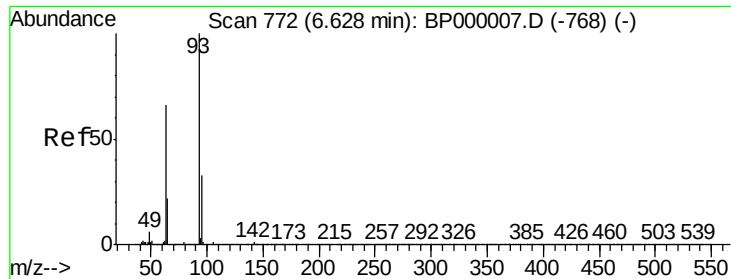
94 100

65 22.9 4.1 44.1

66 30.1 11.4 51.4



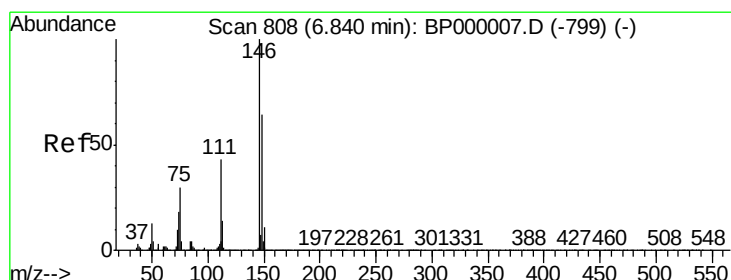
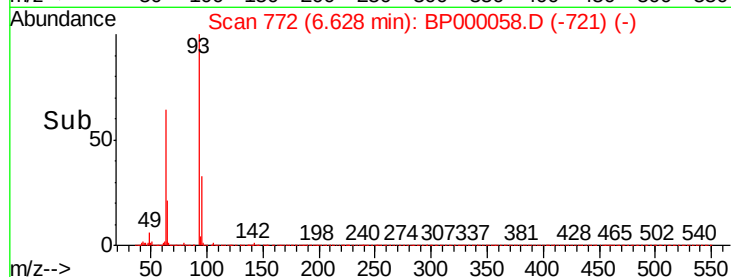
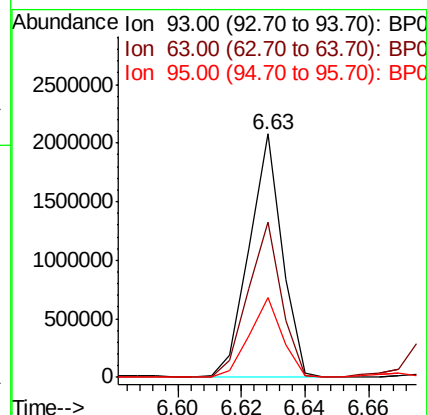
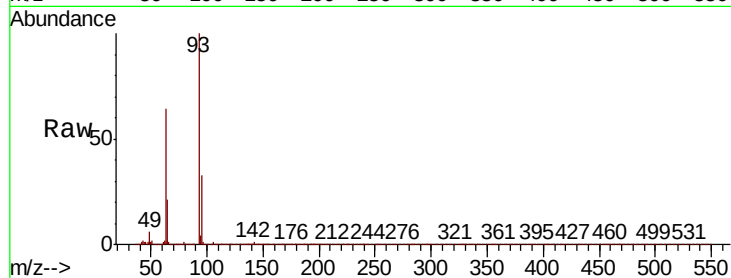




#11  
bis(2-Chloroethyl)ether  
Concen: 45.387 ng  
RT: 6.63 min Scan# 772  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

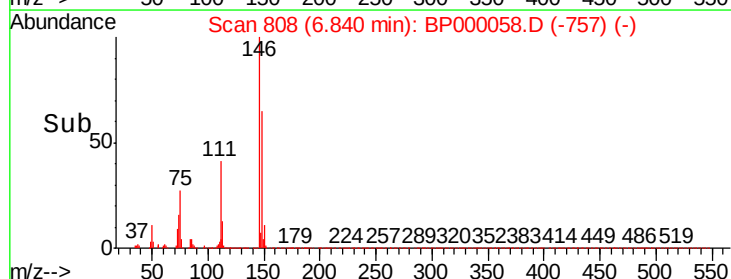
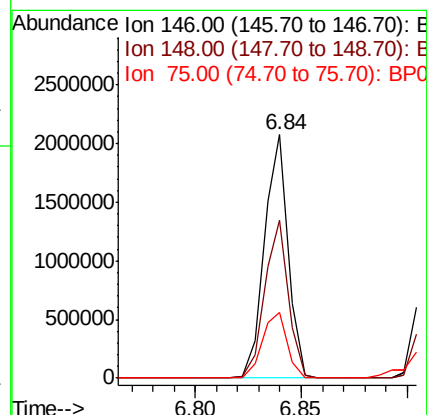
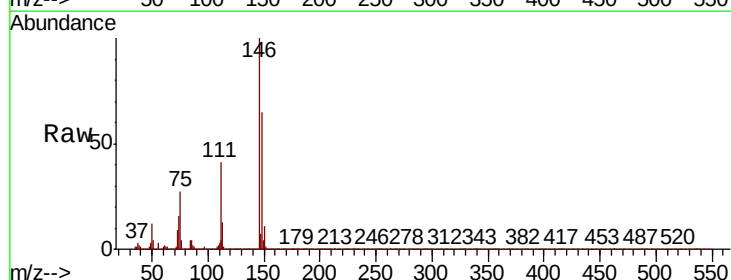
Instrument :  
BNA\_P  
ClientSampleId :

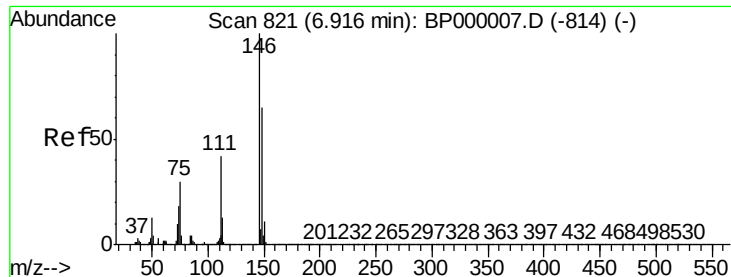
Tot Ion: 93 Resp: 1498807  
Ion Ratio Lower Upper  
93 100  
63 63.7 46.0 86.0  
95 32.7 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 45.159 ng  
RT: 6.84 min Scan# 808  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion: 146 Resp: 1623317  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.4 77.2  
75 27.1 24.0 36.0

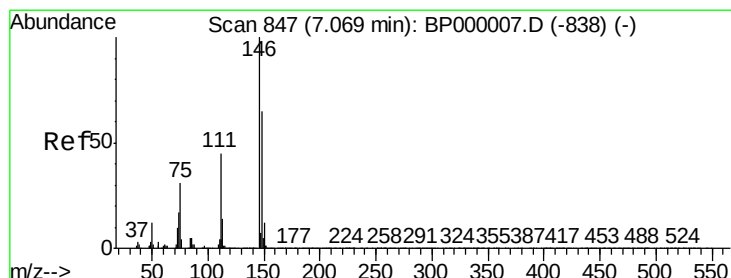
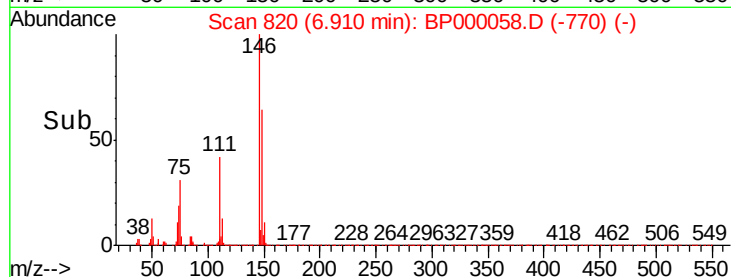
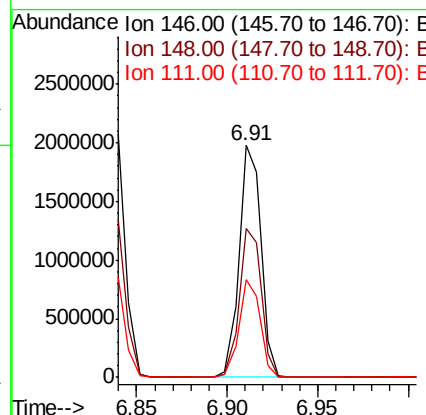
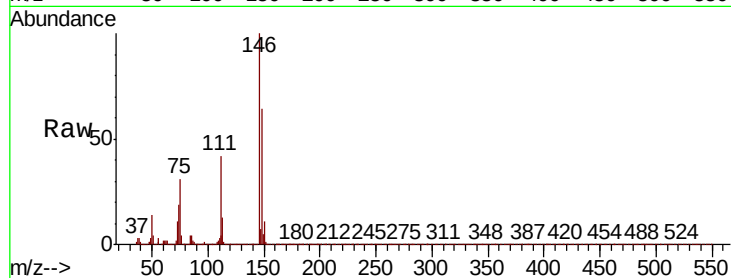




#13  
1,4-Dichlorobenzene  
Concen: 46.204 ng  
RT: 6.91 min Scan# 820  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

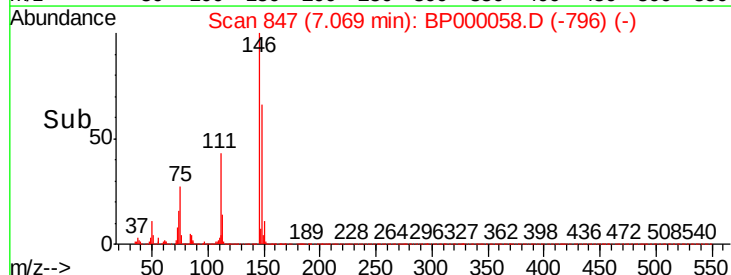
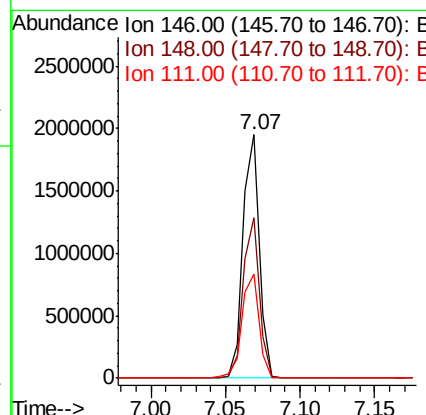
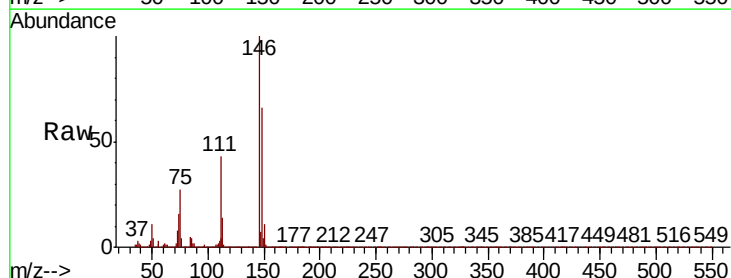
Instrument :  
BNA\_P  
ClientSampleId :

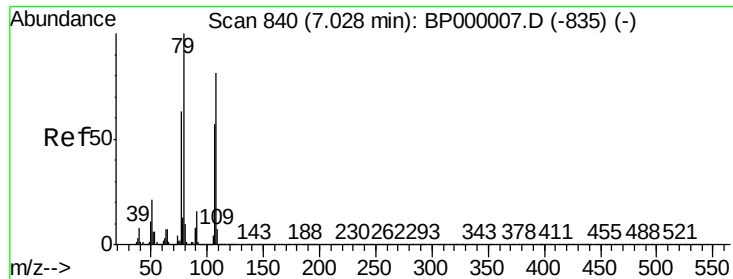
Tot Ion:146 Resp: 1653881  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.6 77.4  
111 42.3 33.4 50.0



#14  
1,2-Dichlorobenzene  
Concen: 45.756 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:146 Resp: 1504851  
Ion Ratio Lower Upper  
146 100  
148 65.8 51.8 77.8  
111 42.6 36.4 54.6





#15

Benzyl Alcohol

Concen: 45.698 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

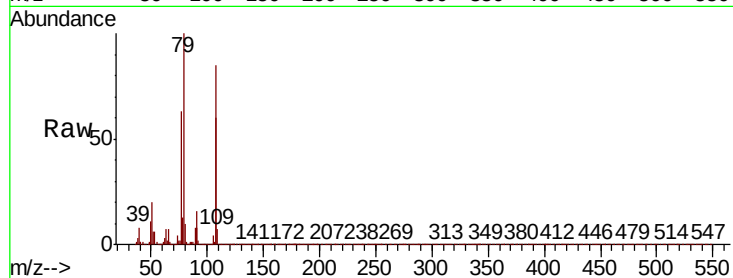
Instrument :

BNA\_P

ClientSampled :

Tot Ion: 79 Resp: 1260659

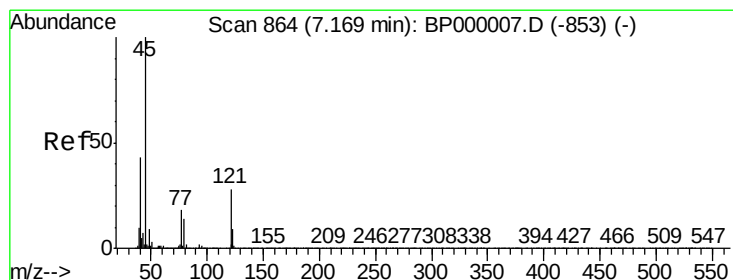
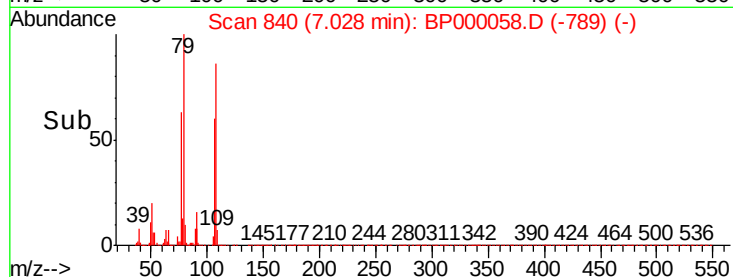
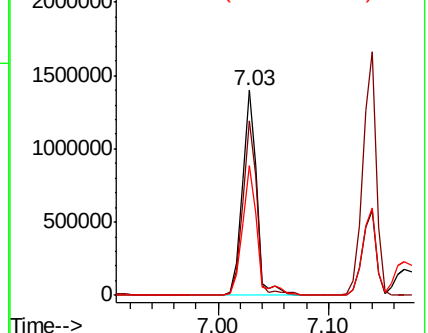
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 85.5  | 64.5  | 96.7  |
| 77  | 63.3  | 50.3  | 75.5  |



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.432 ng

RT: 7.17 min Scan# 864

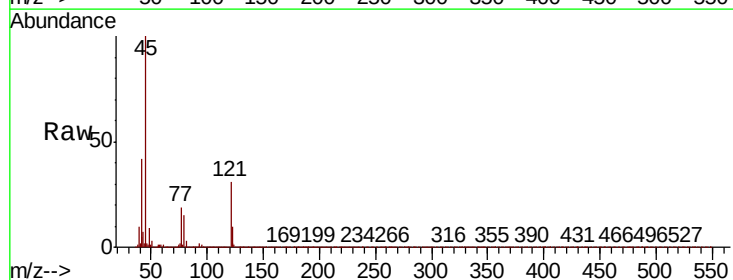
Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion: 45 Resp: 1471333

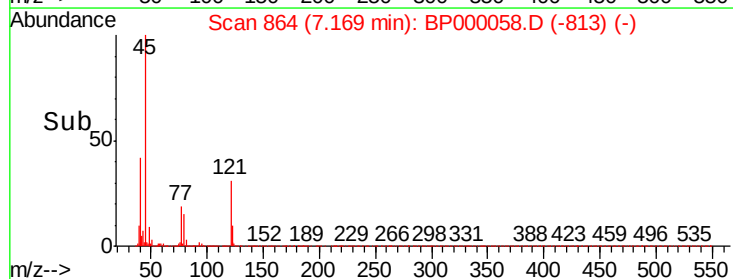
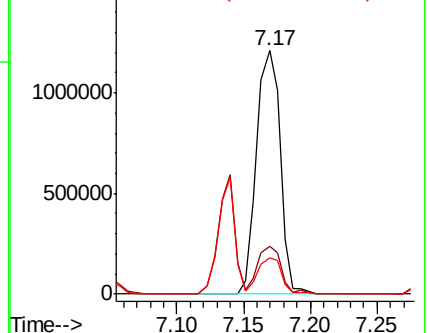
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 19.4  | 0.0   | 38.0  |
| 79  | 14.8  | 0.0   | 33.9  |

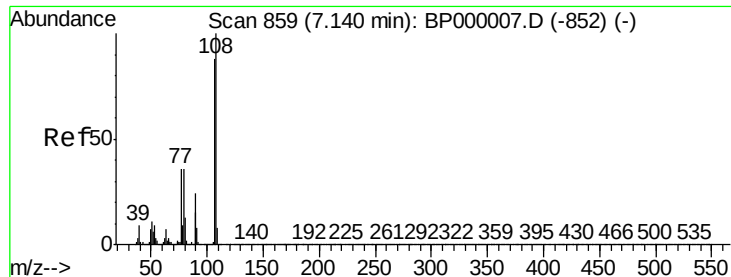


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

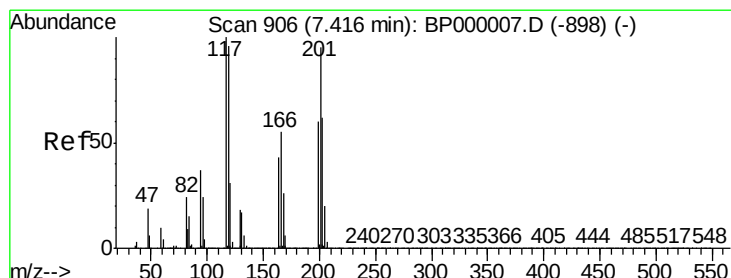
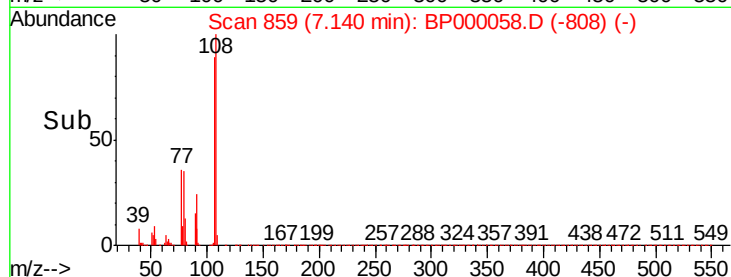
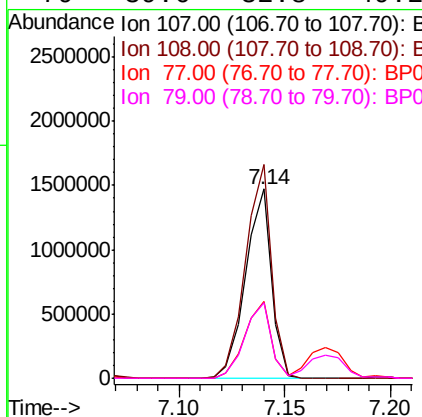
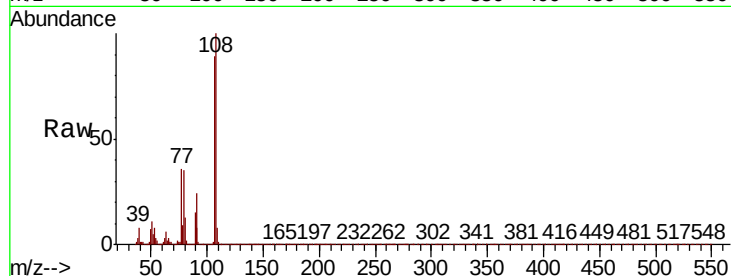




#17  
2-Methylphenol  
Concen: 47.186 ng  
RT: 7.14 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

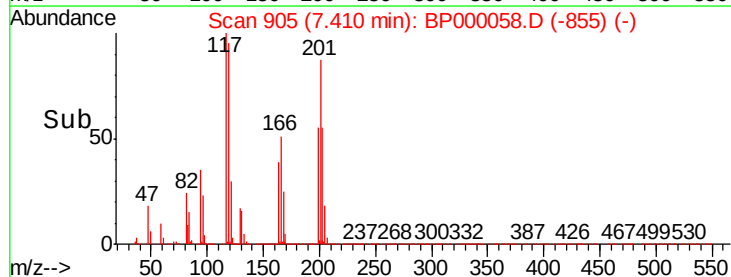
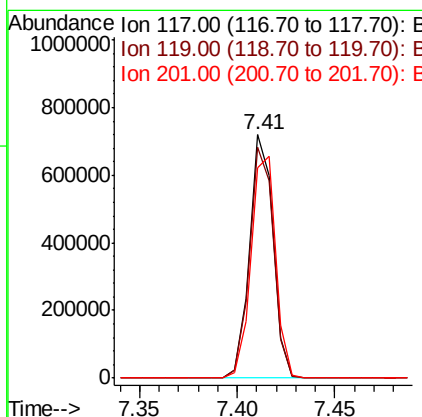
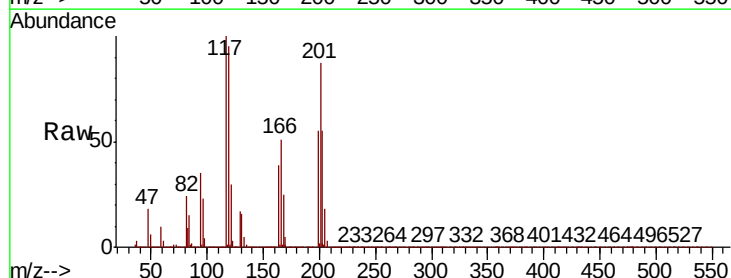
Instrument :  
BNA\_P  
ClientSampleId :

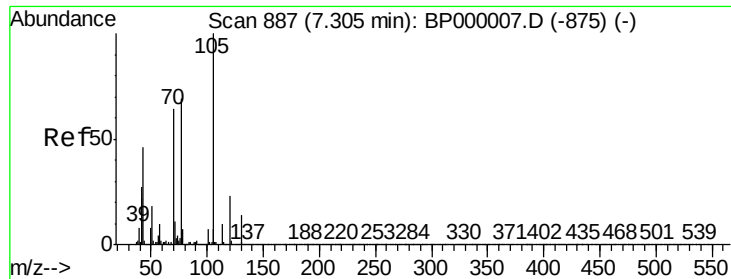
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 107   | Resp: | 1248921 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 112.9 | 90.9  | 136.3   |
| 77       | 40.4  | 33.2  | 49.8    |
| 79       | 39.6  | 32.8  | 49.2    |



#18  
Hexachloroethane  
Concen: 45.257 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 600836 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.6  | 77.0  | 115.6  |
| 201      | 86.5  | 76.2  | 114.4  |

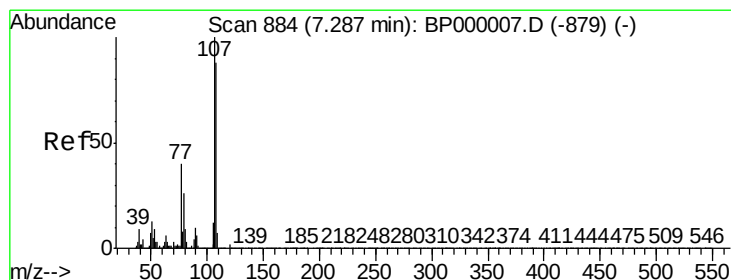
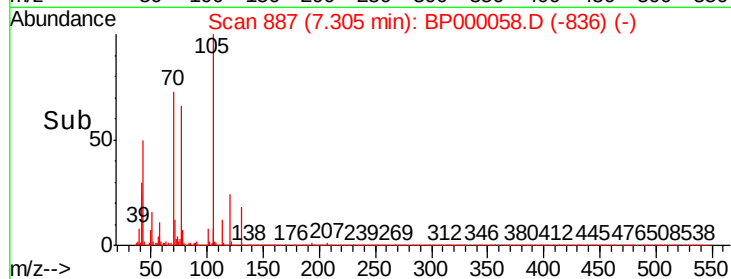
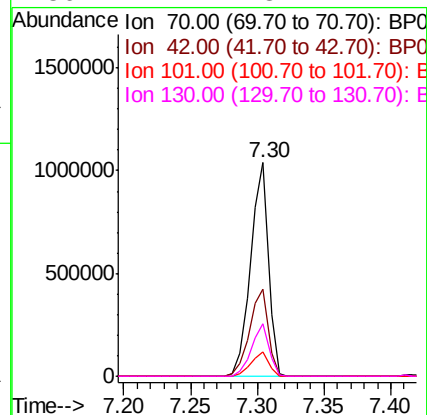
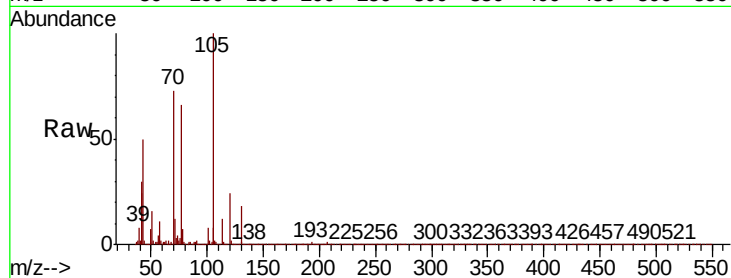




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.188 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

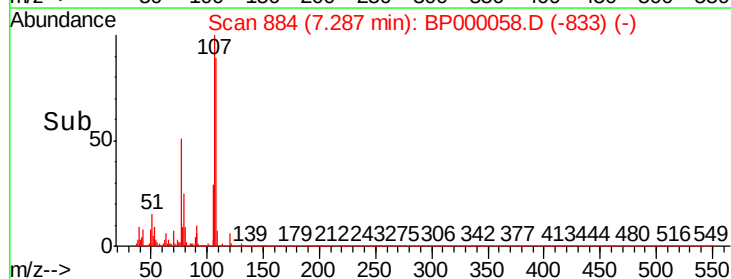
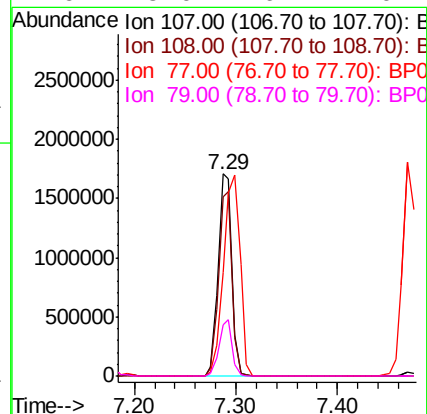
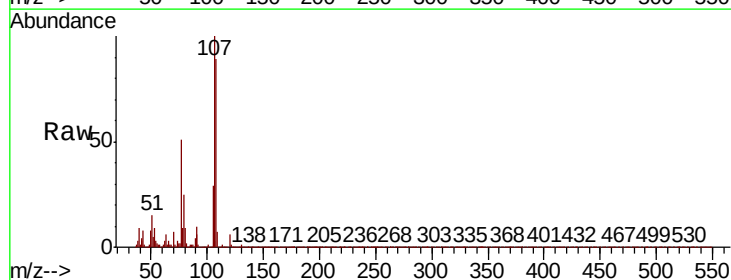
Instrument :  
BNA\_P  
ClientSampleId :

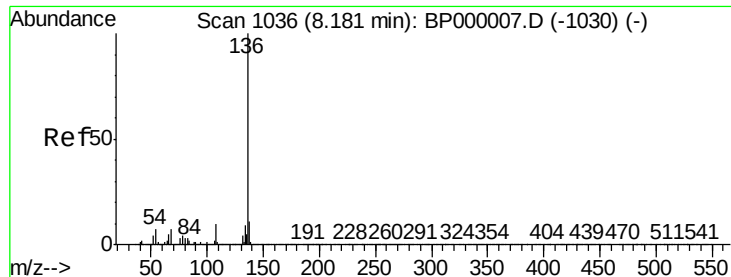
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 946219 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 40.7  | 33.8  | 50.6   |
| 101      | 11.2  | 8.7   | 13.1   |
| 130      | 24.7  | 18.1  | 27.1   |



#20  
3+4-Methylphenols  
Concen: 48.440 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1598998 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 88.5  | 68.1  | 108.1   |
| 77       | 51.1  | 19.8  | 59.8    |
| 79       | 25.0  | 6.1   | 46.1    |

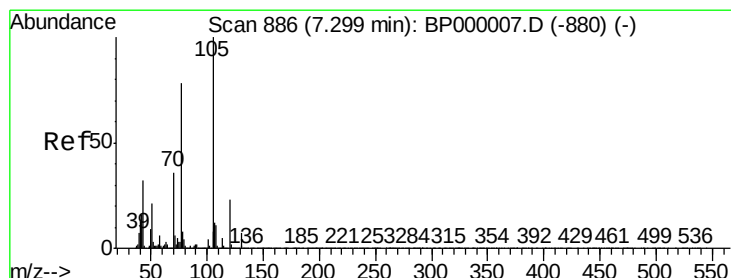
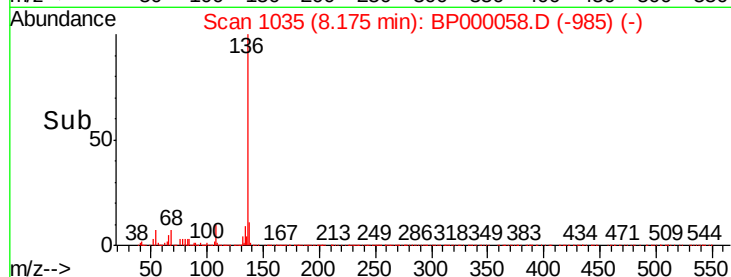
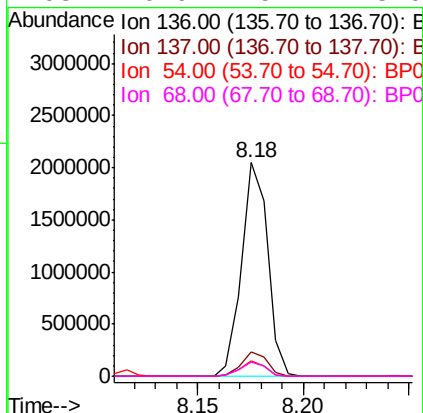
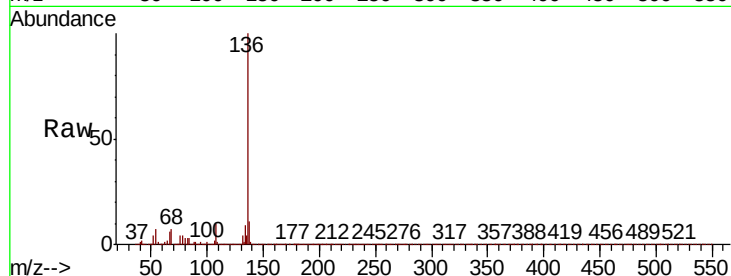




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

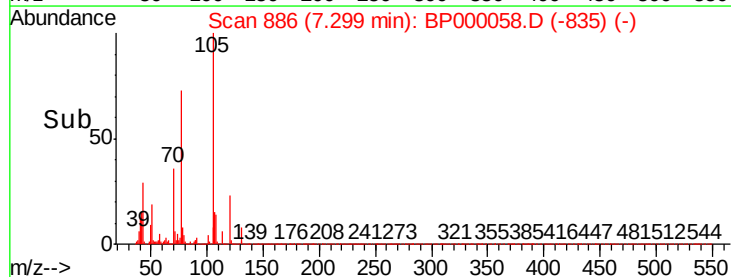
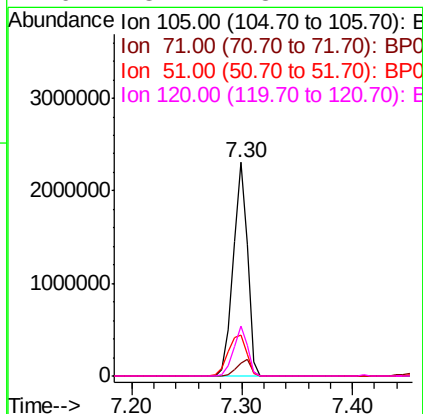
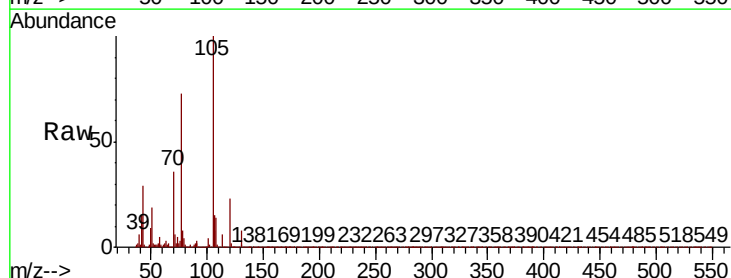
Instrument :  
BNA\_P  
ClientSampleId :

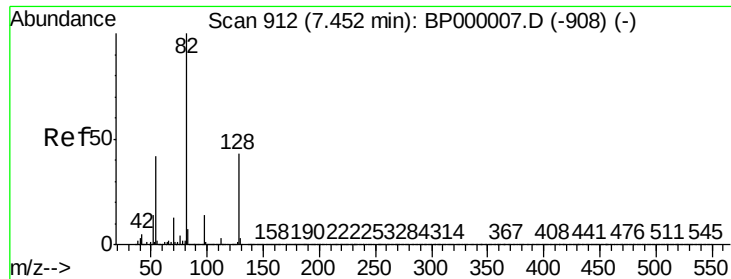
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1755147 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.3    | 8.6 13.0      |
| 54 7.0      | 5.4 8.2       |
| 68 6.9      | 5.4 8.0       |



#22  
Acetophenone  
Concen: 49.802 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 2093686 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 6.1     | 4.8   | 7.2     |
| 51  | 19.4    | 17.0  | 25.4    |
| 120 | 23.4    | 18.1  | 27.1    |

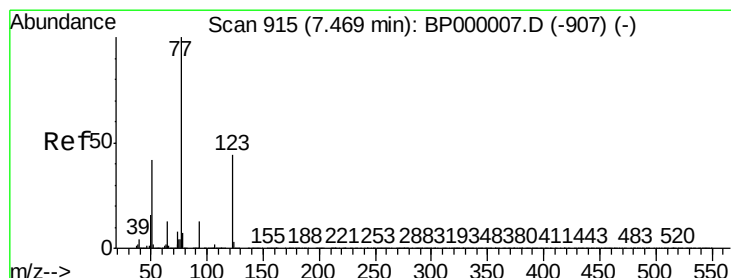
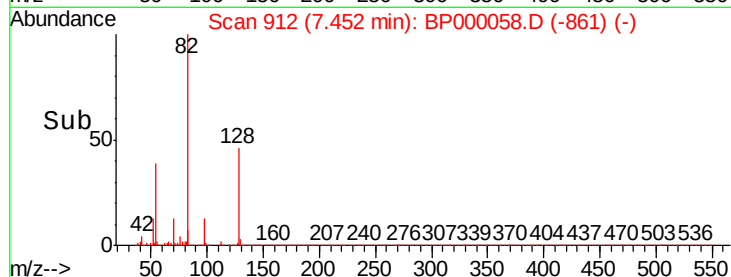
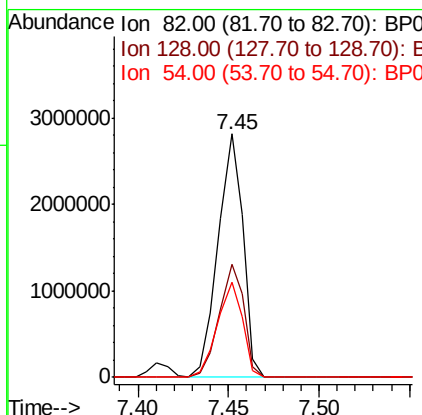
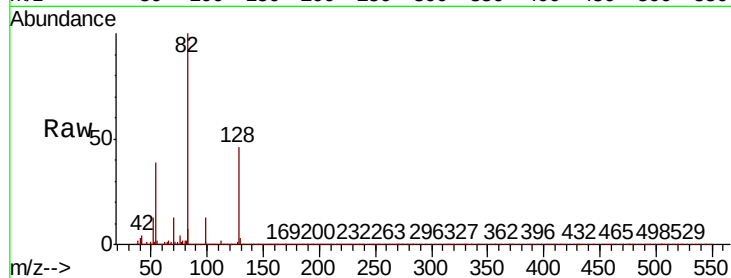




#23  
 Nitrobenzene-d5  
 Concen: 94.339 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

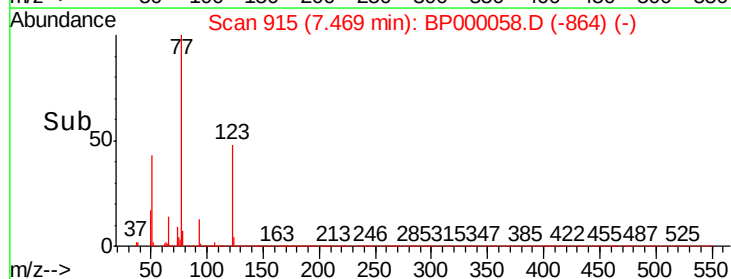
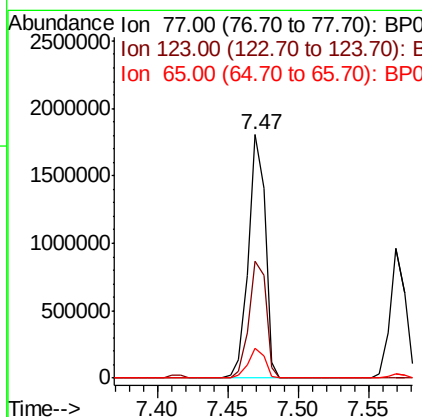
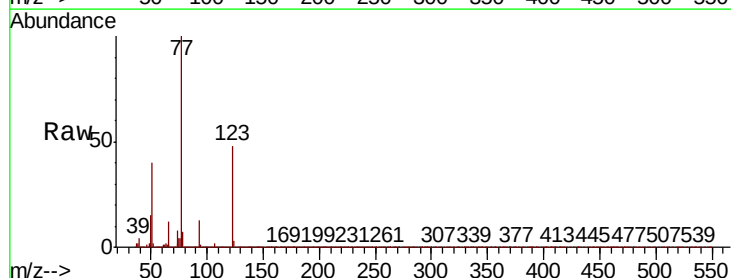
Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion: 82 Resp: 2698493  
 Ion Ratio Lower Upper  
 82 100  
 128 46.5 34.5 51.7  
 54 39.3 33.2 49.8

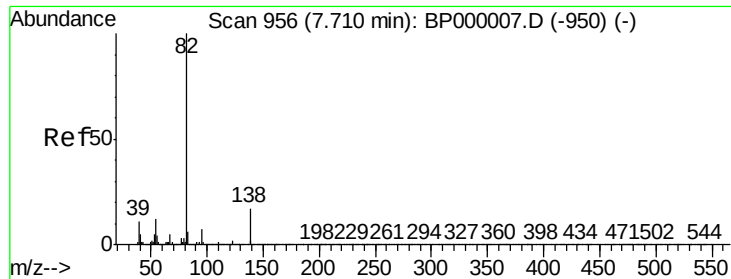


#24  
 Nitrobenzene  
 Concen: 48.625 ng  
 RT: 7.47 min Scan# 915  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

Tgt Ion: 77 Resp: 1506801  
 Ion Ratio Lower Upper  
 77 100  
 123 48.2 35.8 53.8  
 65 12.4 10.1 15.1







#25

Isophorone

Concen: 47.019 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA\_P

ClientSampleId :

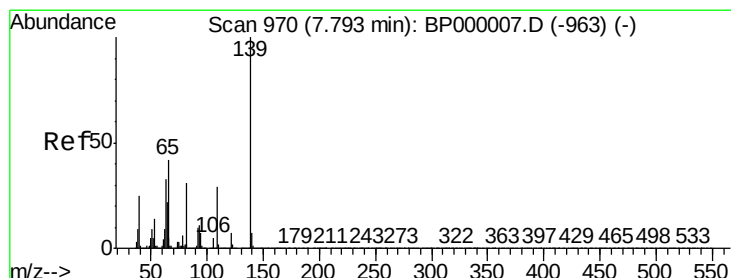
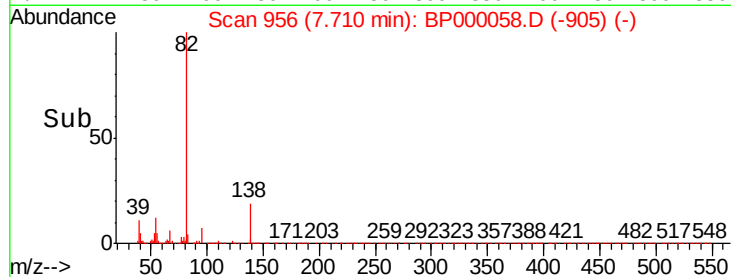
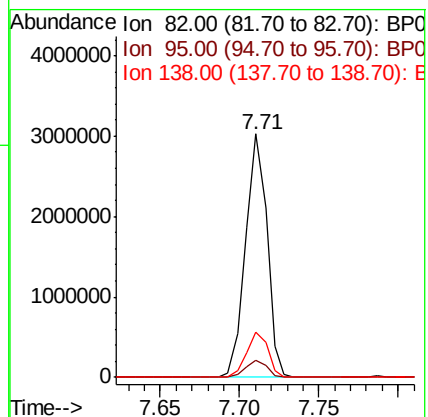
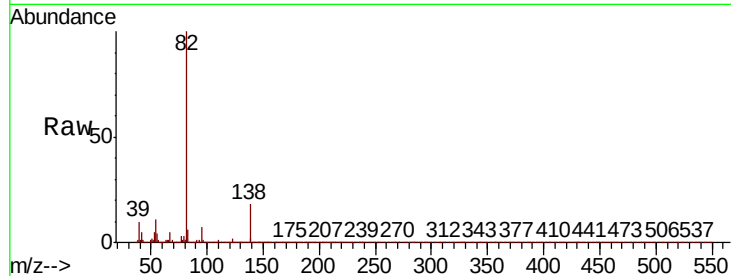
Tot Ion: 82 Resp: 2841732

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 18.4 13.8 20.6



#26

2-Nitrophenol

Concen: 58.633 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

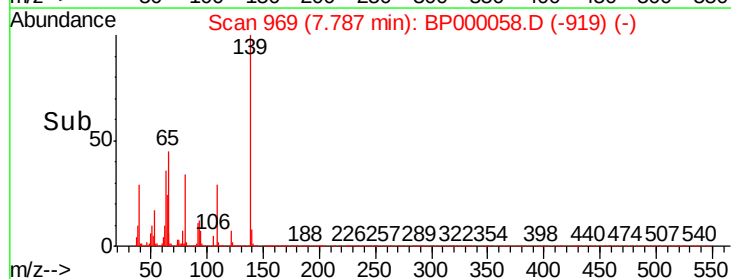
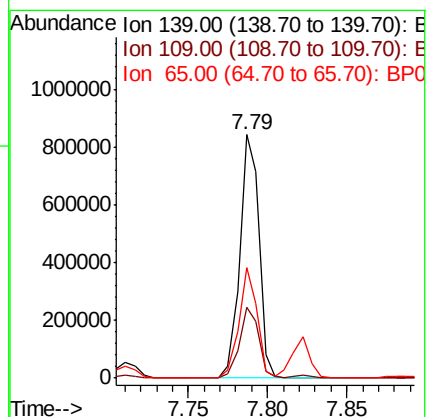
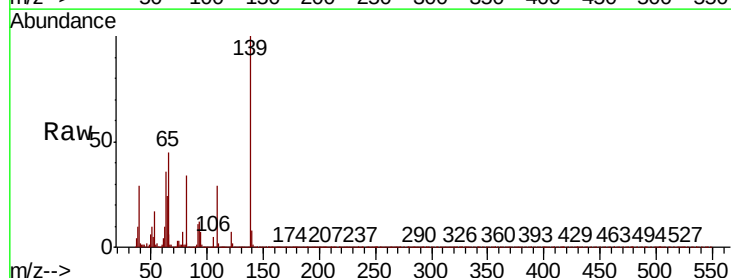
Tgt Ion: 139 Resp: 707564

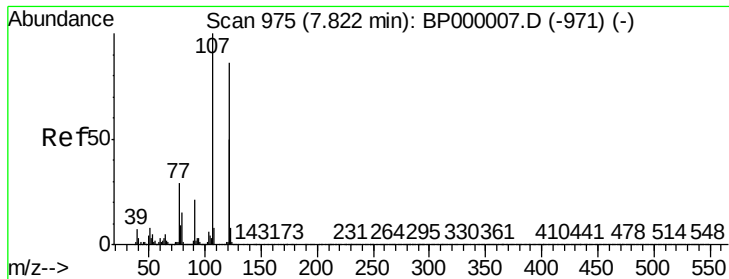
Ion Ratio Lower Upper

139 100

109 29.1 23.4 35.0

65 45.5 33.4 50.0

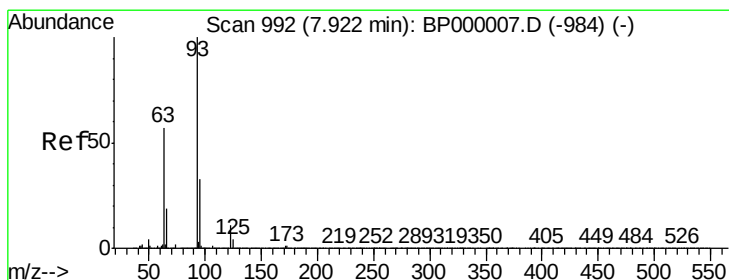
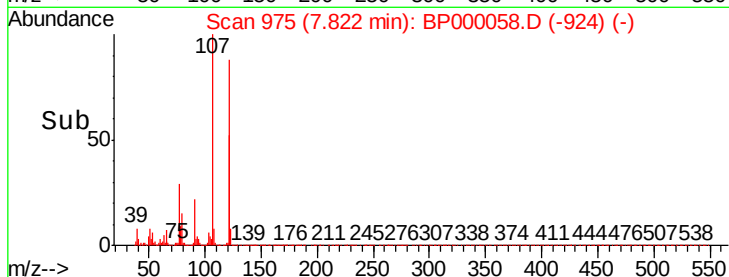
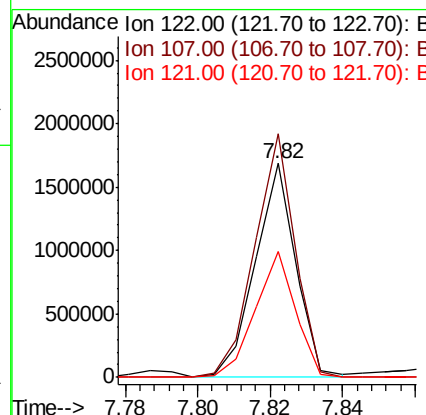
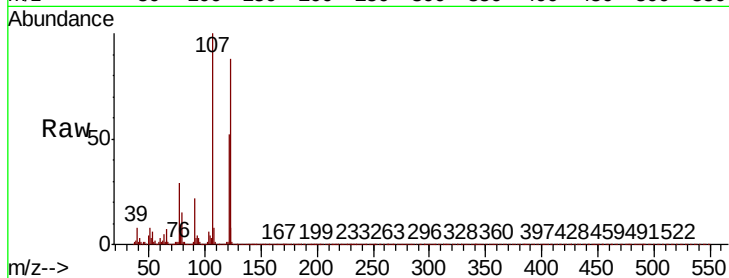




#27  
 2,4-Dimethylphenol  
 Concen: 53.169 ng  
 RT: 7.82 min Scan# 975  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

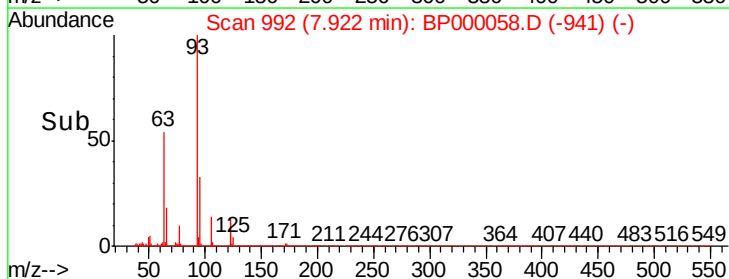
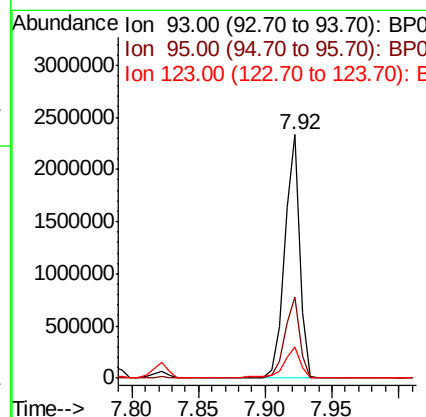
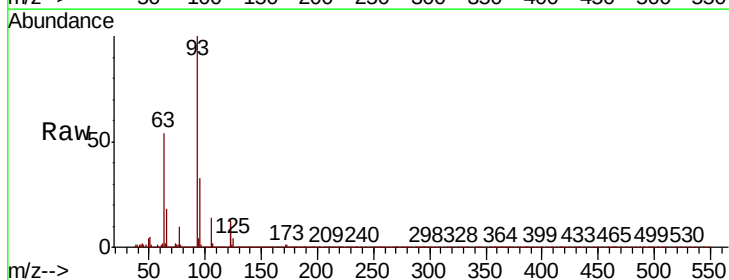
Instrument :  
 BNA\_P  
 ClientSampled :

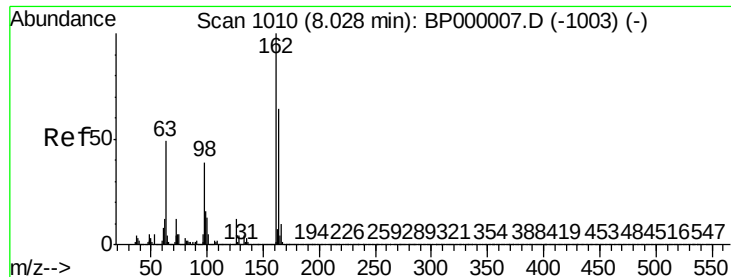
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.9 | 92.9  | 139.3 |
| 121     | 58.7  | 46.8  | 70.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.651 ng  
 RT: 7.92 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.1  | 39.1  |
| 123     | 12.8  | 9.0   | 13.4  |

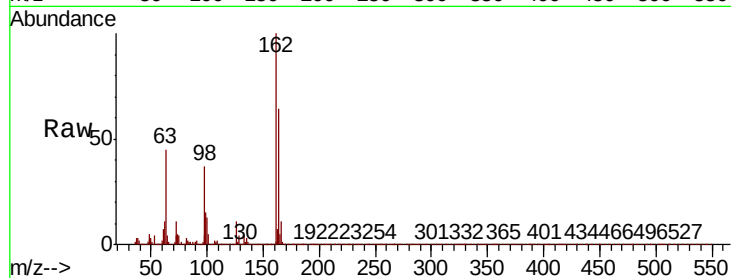




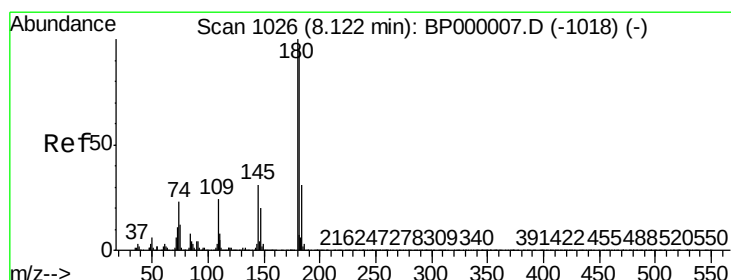
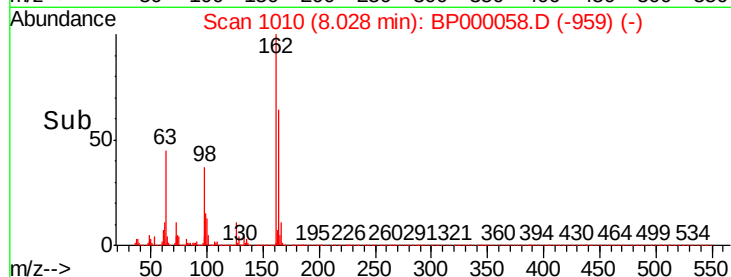
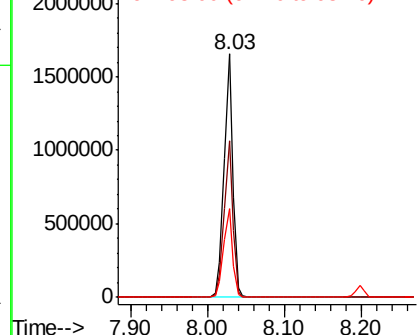
#29  
2,4-Dichlorophenol  
Concen: 51.689 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:162 Resp: 1294290  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.2 84.2  
98 36.6 18.7 58.7

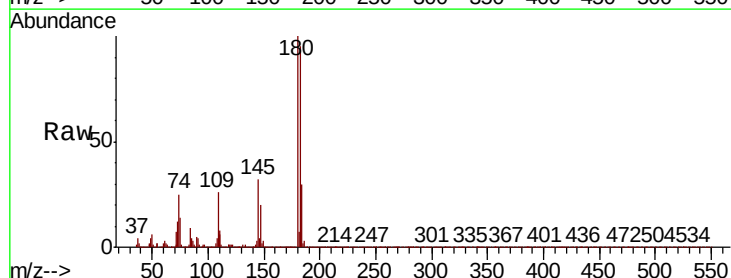


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

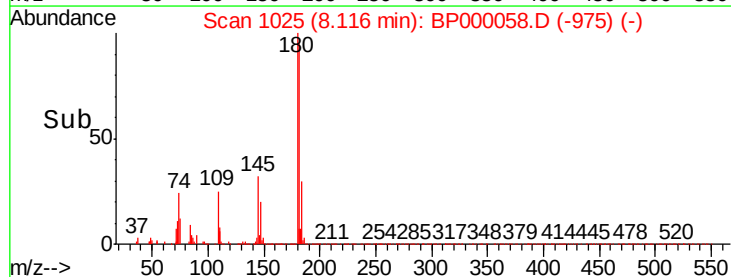
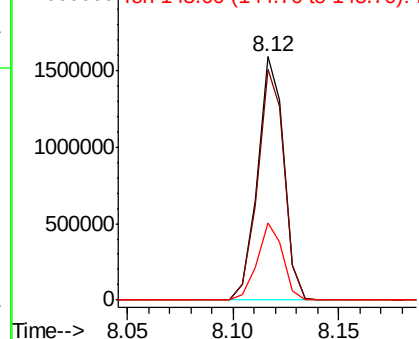


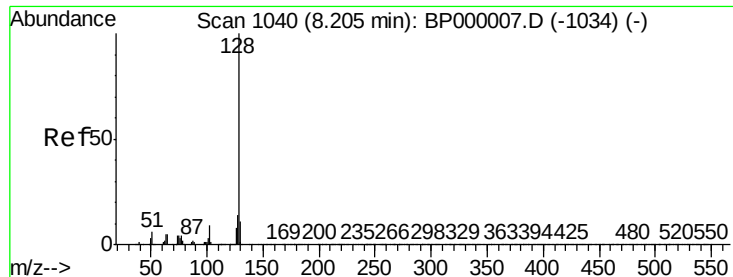
#30  
1,2,4-Trichlorobenzene  
Concen: 48.259 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:180 Resp: 1377599  
Ion Ratio Lower Upper  
180 100  
182 95.0 76.7 115.1  
145 31.8 24.8 37.2



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

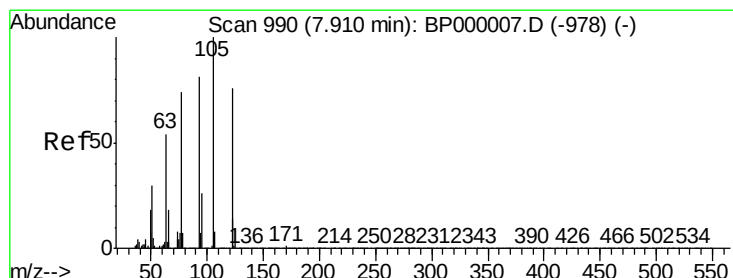
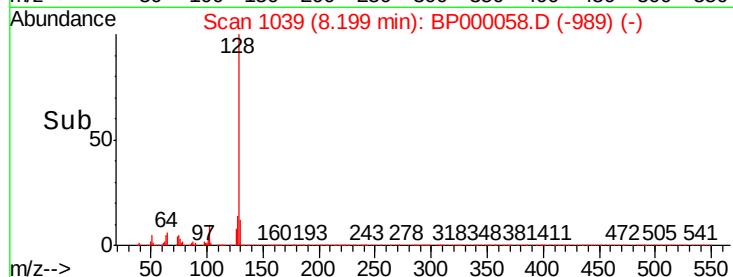
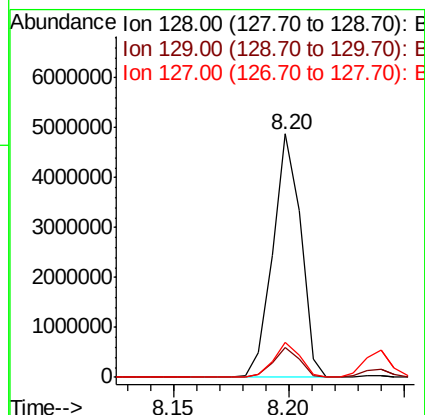
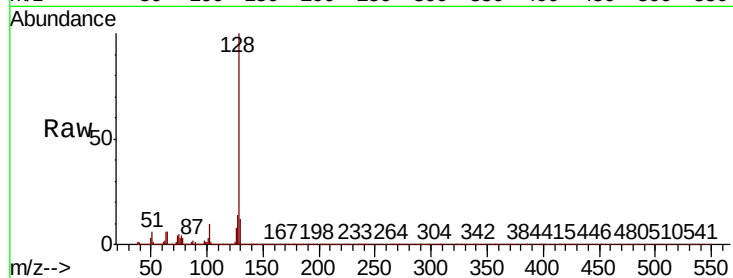




#31  
Naphthalene  
Concen: 50.787 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

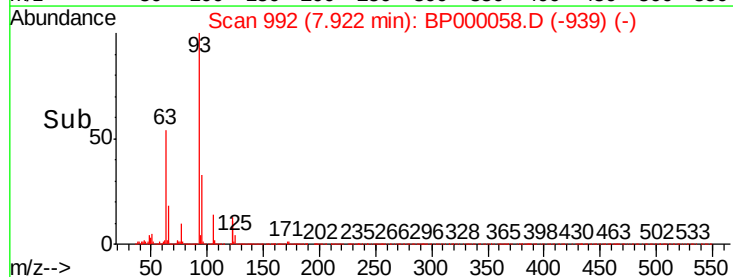
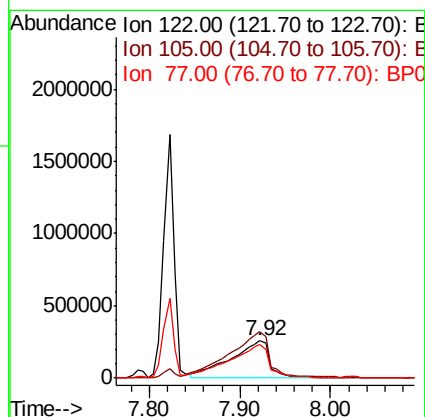
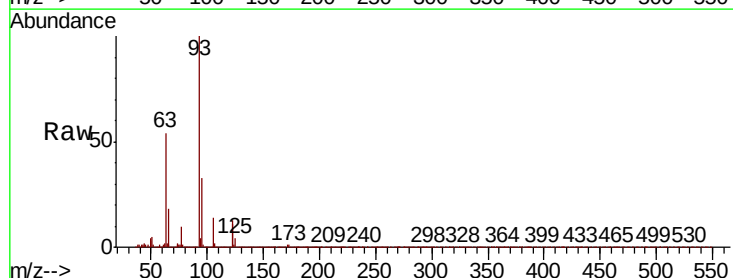
Instrument :  
BNA\_P  
ClientSampleId :

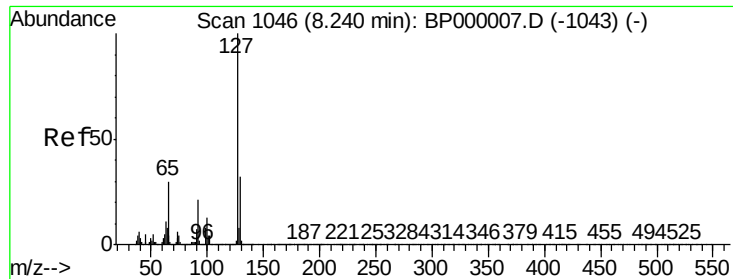
Tot Ion:128 Resp: 4089771  
Ion Ratio Lower Upper  
128 100  
129 12.2 9.0 13.6  
127 14.4 11.0 16.6



#32  
Benzoic acid  
Concen: 46.405 ng  
RT: 7.92 min Scan# 992  
Delta R.T. 0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:122 Resp: 751463  
Ion Ratio Lower Upper  
122 100  
105 126.5 104.6 144.6  
77 91.2 74.1 114.1

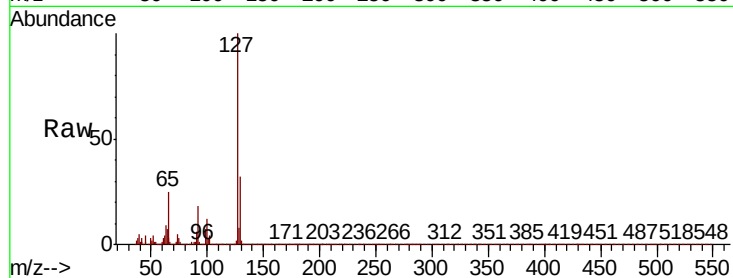




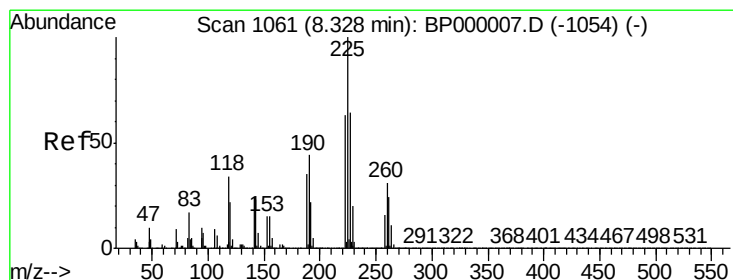
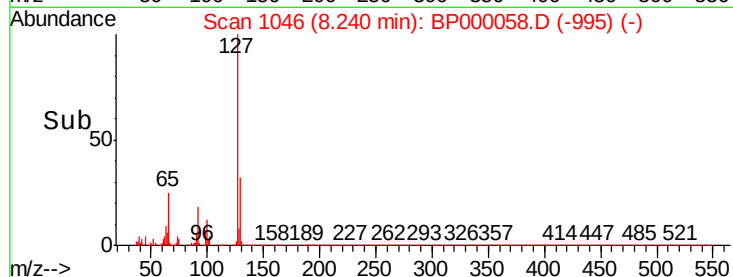
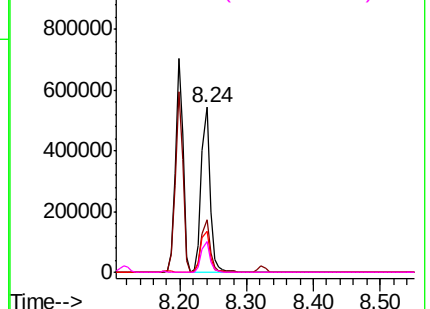
#33  
4-Chloroaniline  
Concen: 12.384 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 470333 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.8  | 38.6   |
| 65       | 25.2  | 24.2  | 36.2   |
| 92       | 18.4  | 16.5  | 24.7   |

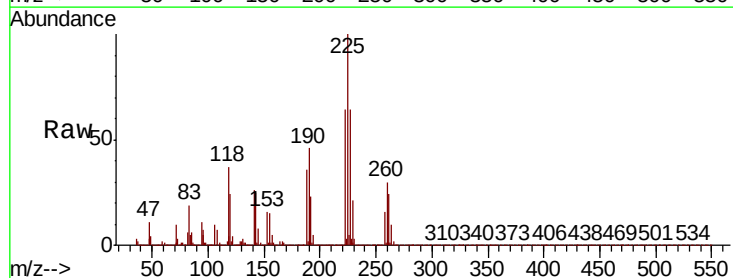


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BP0  
Ion 92.00 (91.70 to 92.70): BP0

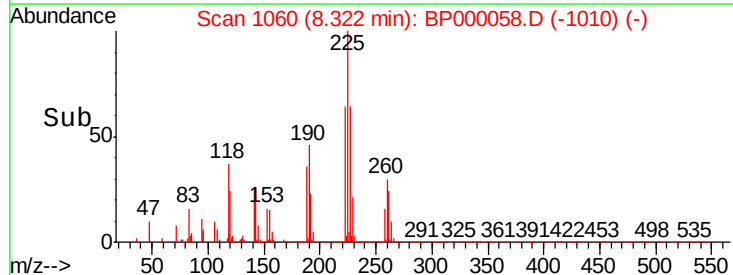
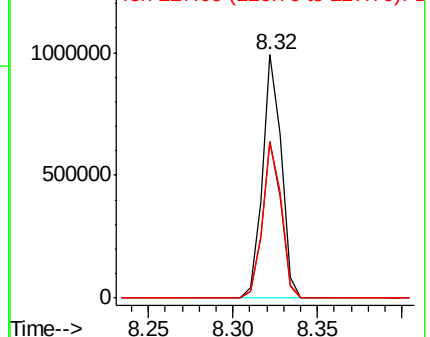


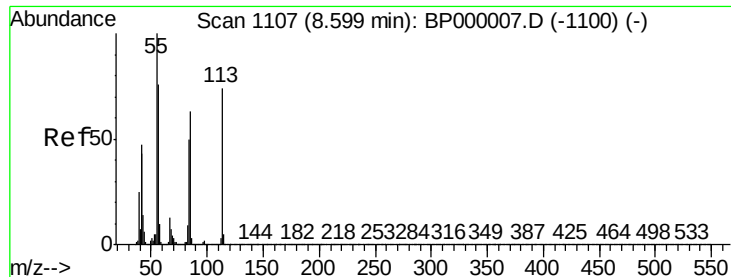
#34  
Hexachlorobutadiene  
Concen: 47.810 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 769006 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 50.6  | 76.0   |
| 227      | 64.1  | 51.0  | 76.4   |



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

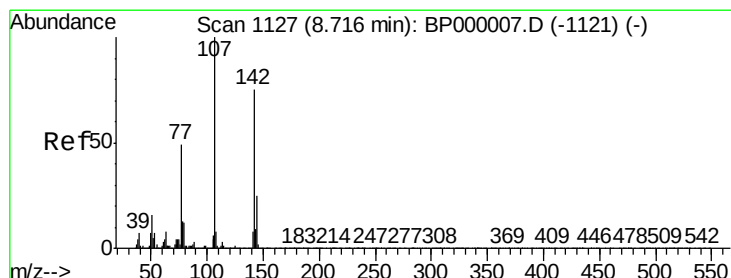
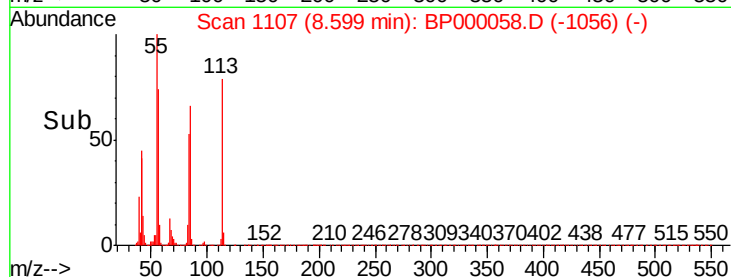
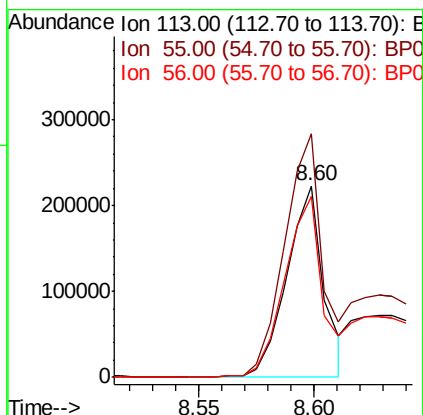
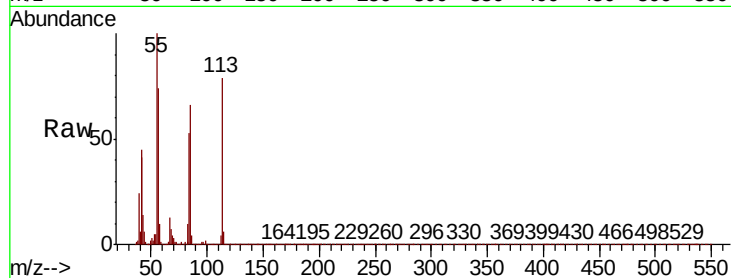




#35  
 Caprolactam  
 Concen: 27.397 ng  
 RT: 8.60 min Scan# 1107  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

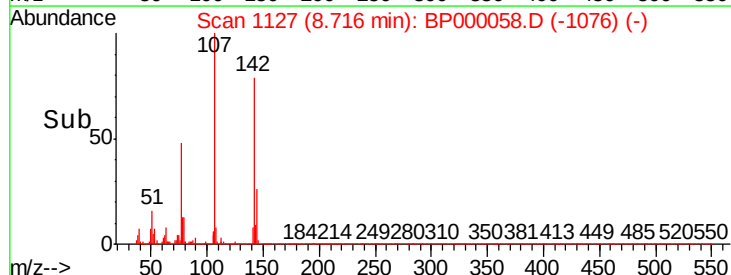
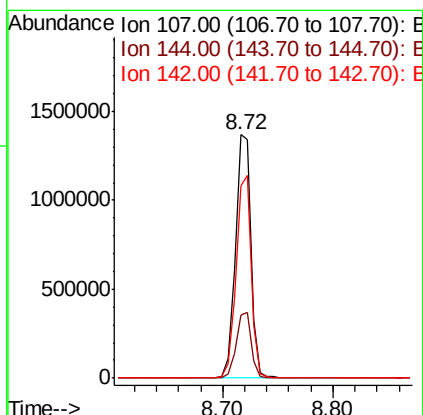
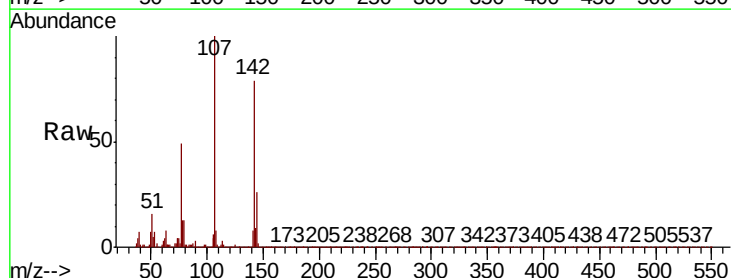
Instrument :  
 BNA\_P  
 ClientSampleId :

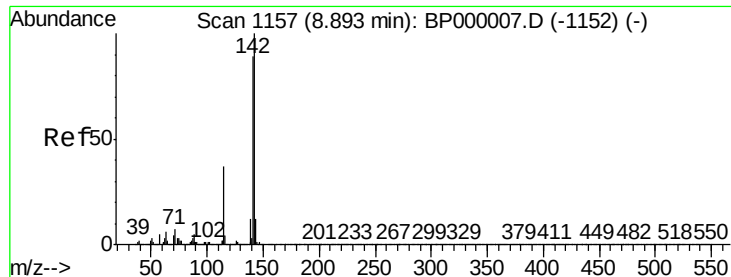
Tot Ion:113 Resp: 243968  
 Ion Ratio Lower Upper  
 113 100  
 55 127.3 114.6 154.6  
 56 94.3 82.1 122.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.504 ng  
 RT: 8.72 min Scan# 1127  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

Tgt Ion:107 Resp: 1352499  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 19.8 29.6  
 142 79.3 60.4 90.6

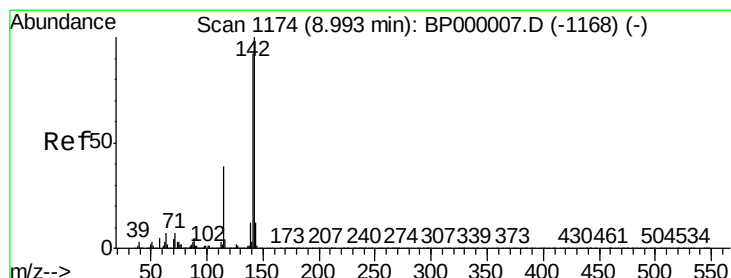
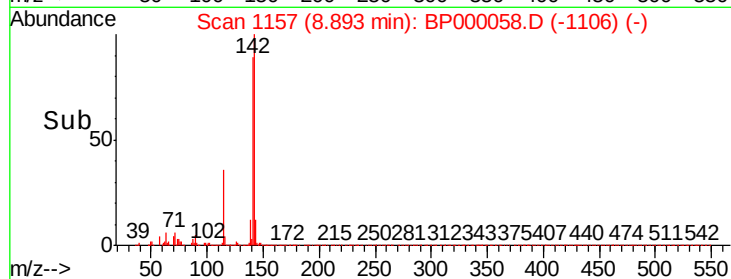
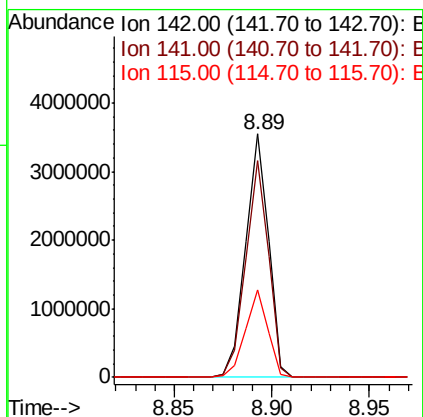
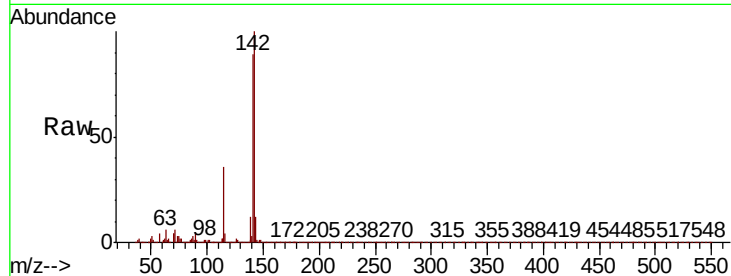




#37  
2-Methylnaphthalene  
Concen: 51.268 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

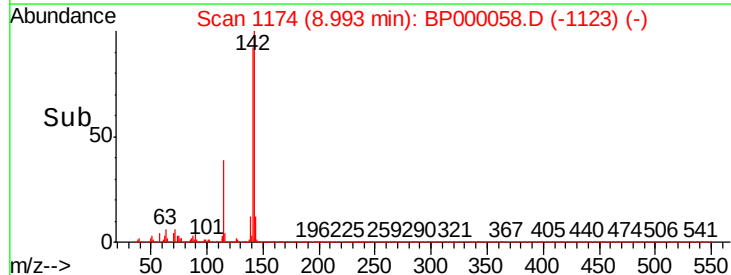
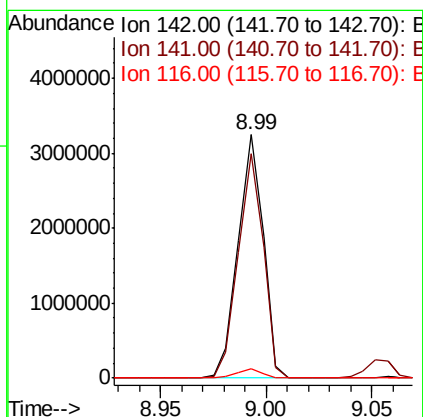
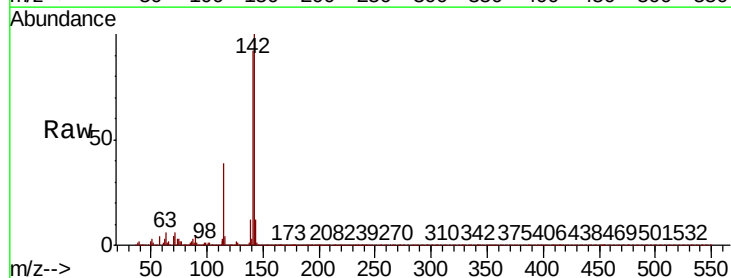
Instrument :  
BNA\_P  
ClientSampleId :

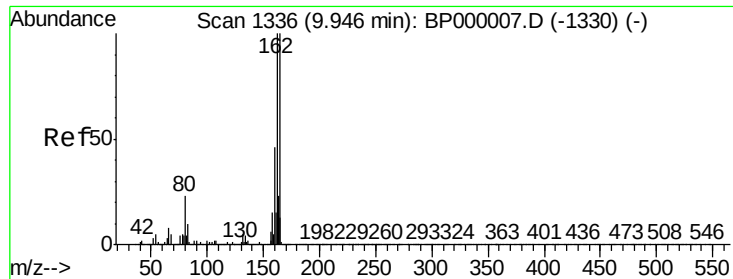
Tot Ion:142 Resp: 2885150  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.0 106.4  
115 36.0 29.4 44.2



#38  
1-Methylnaphthalene  
Concen: 50.302 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:142 Resp: 2667215  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.6 110.4  
116 4.1 3.4 5.0

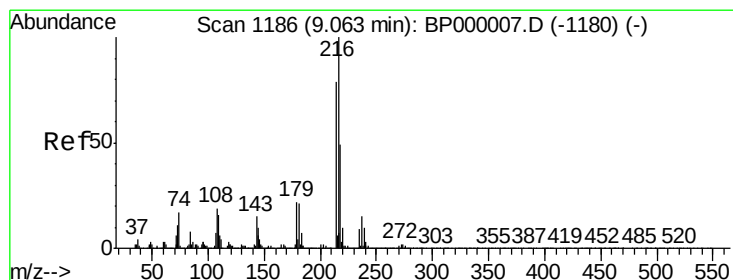
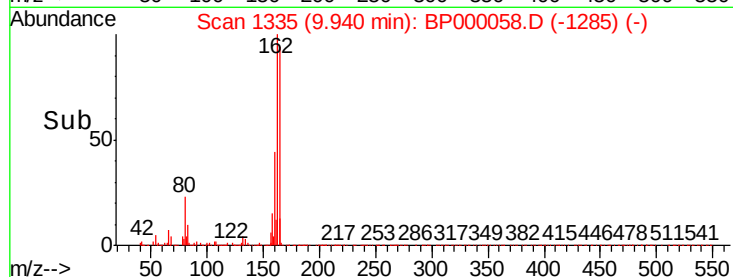
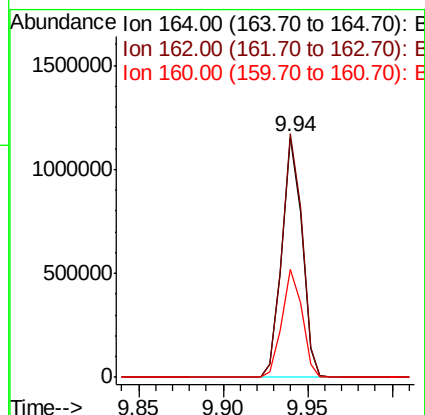
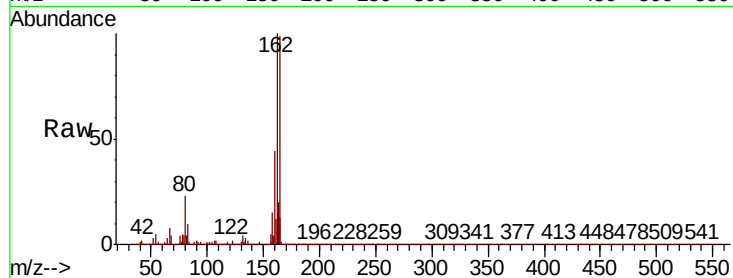




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

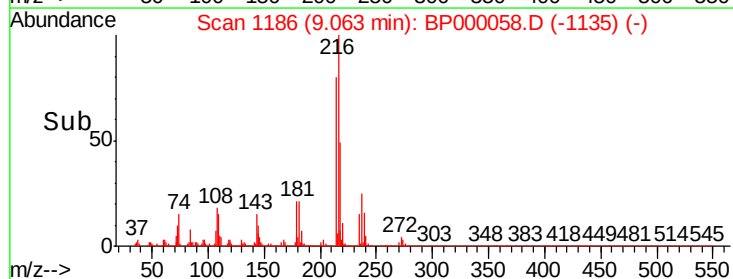
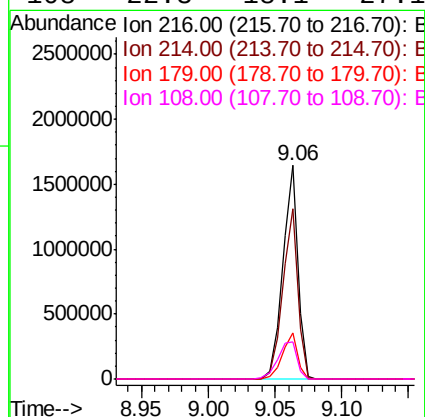
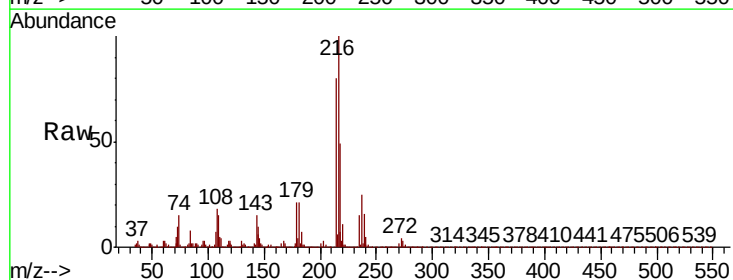
Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.4 | 80.2  | 120.4 |
| 160     | 44.8  | 36.6  | 55.0  |

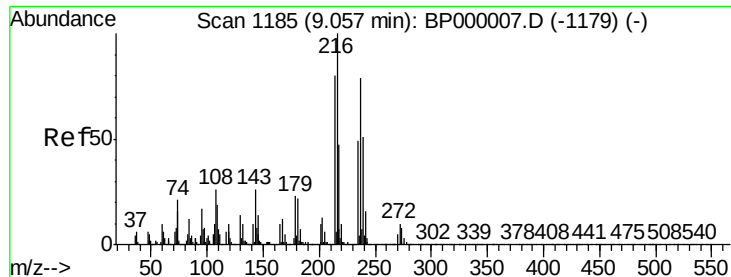


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.481 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 63.4  | 95.2  |
| 179     | 21.6  | 17.8  | 26.6  |
| 108     | 22.3  | 18.1  | 27.1  |







#41

Hexachlorocyclopentadiene

Concen: 106.920 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA\_P

ClientSampled :

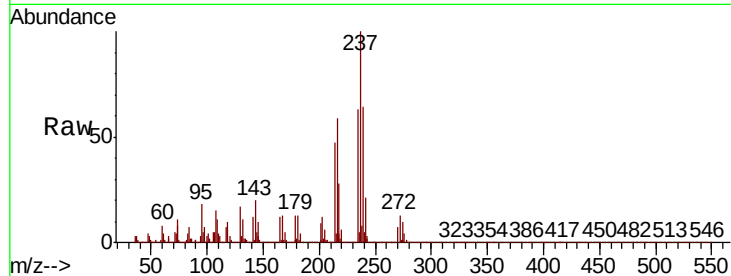
Tot Ion:237 Resp: 1565586

Ion Ratio Lower Upper

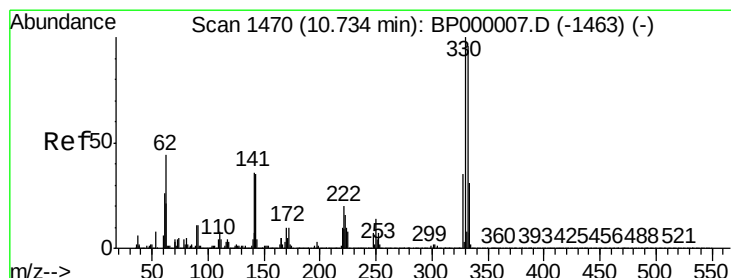
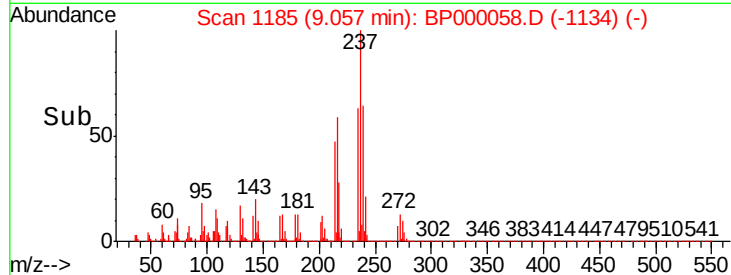
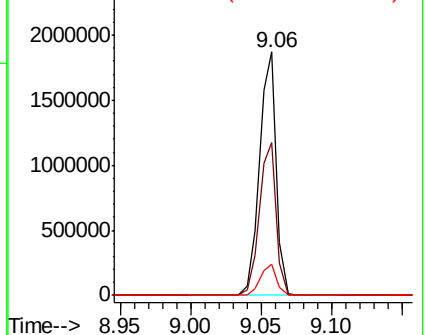
237 100

235 62.6 42.0 82.0

272 12.8 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.014 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

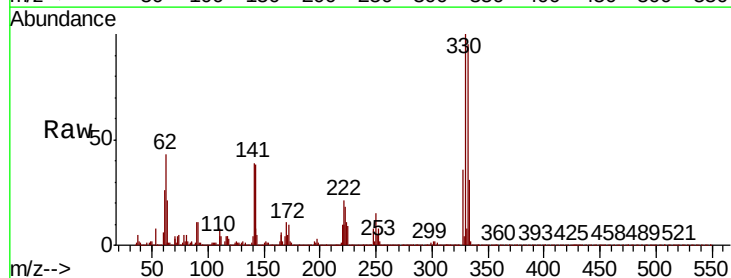
Tgt Ion:330 Resp: 1124646

Ion Ratio Lower Upper

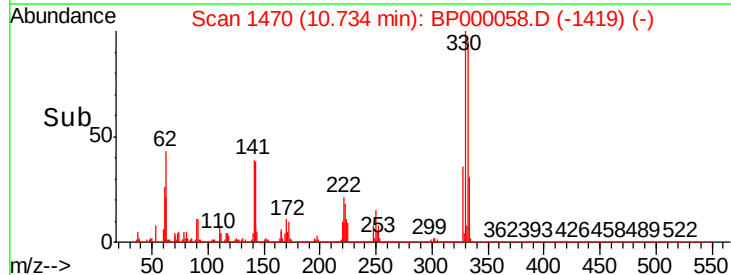
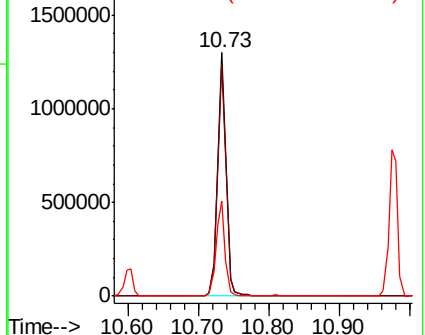
330 100

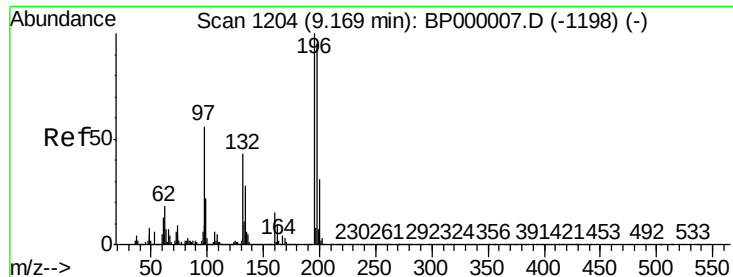
332 95.7 76.8 115.2

141 39.9 33.6 50.4



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

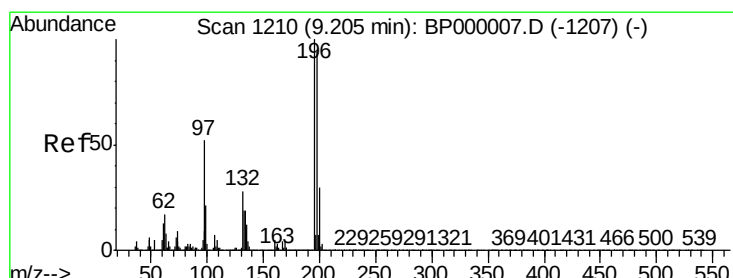
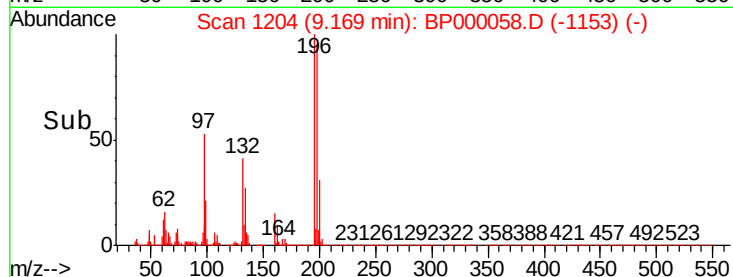
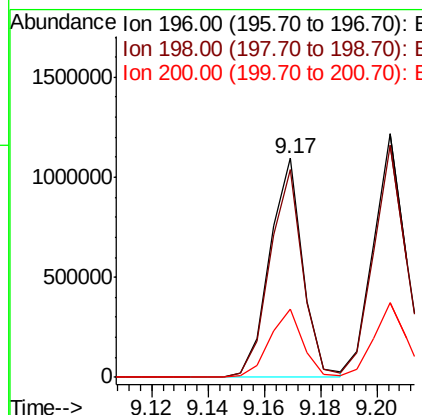
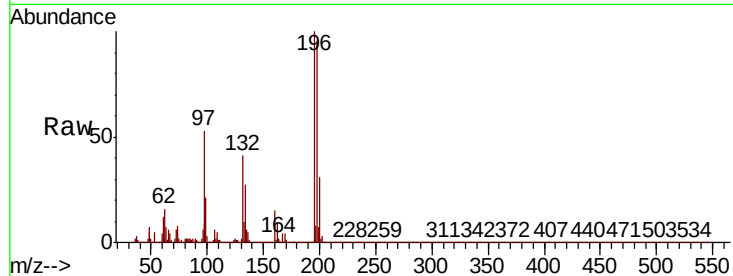




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.460 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

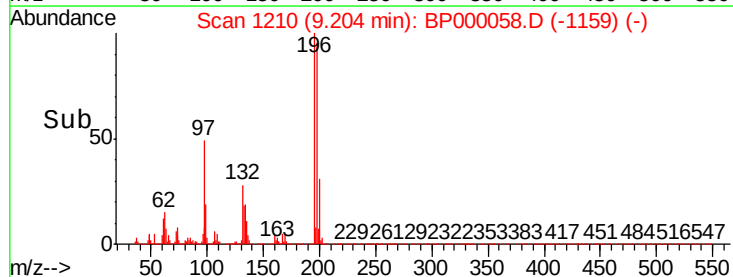
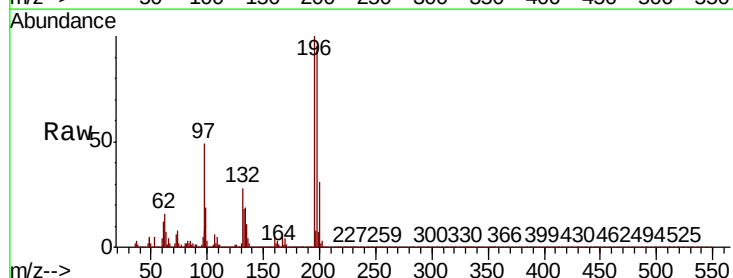
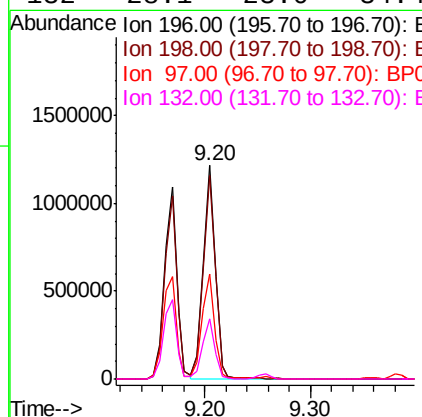
Instrument :  
 BNA\_P  
 ClientSampleId :

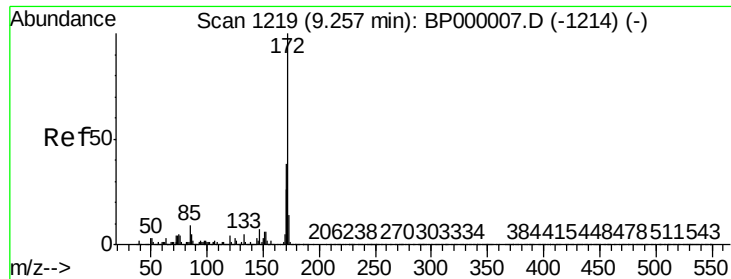
| Tot Ion   | 196   | Resp  | 888717 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.9  | 76.2  | 114.2  |
| 200       | 31.2  | 25.0  | 37.4   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 50.247 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

| Tgt Ion   | 196   | Resp  | 964137 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.2  | 74.9  | 112.3  |
| 97        | 48.9  | 42.2  | 63.2   |
| 132       | 28.1  | 23.0  | 34.4   |

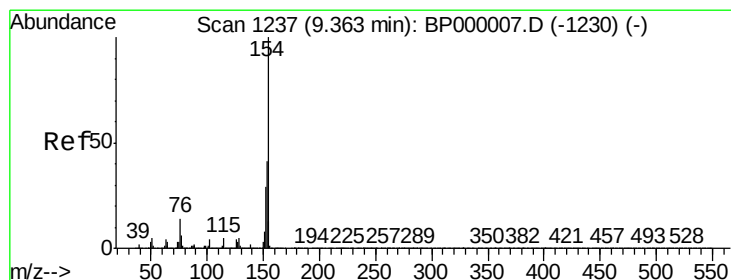
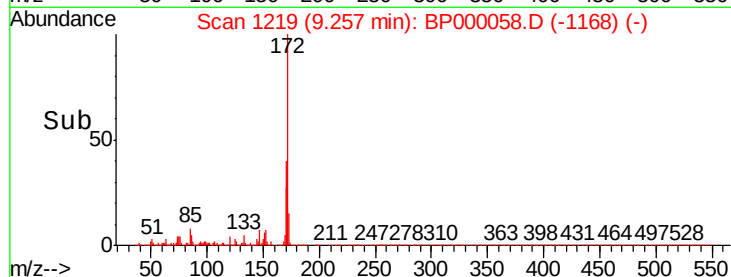
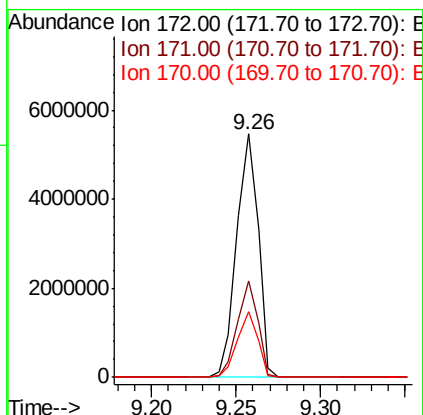
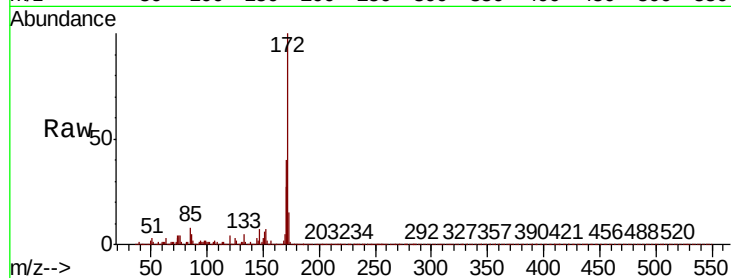




#45  
2-Fluorobiphenyl  
Concen: 86.013 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

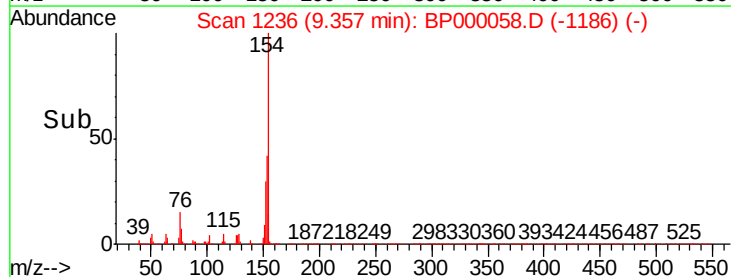
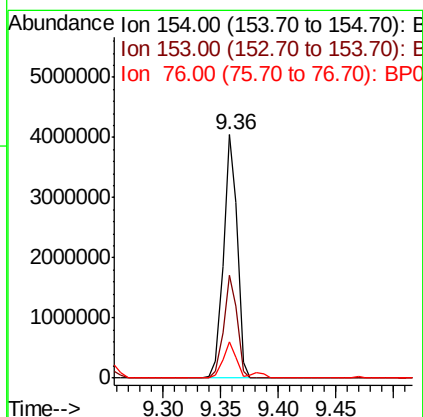
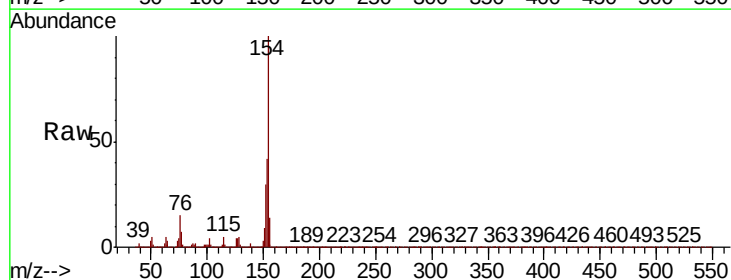
Instrument :  
BNA\_P  
ClientSampleId :

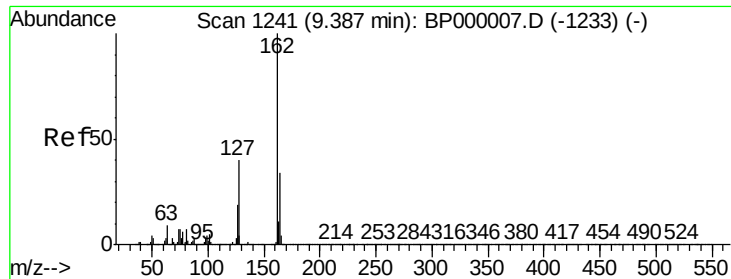
Tot Ion:172 Resp: 4839008  
Ion Ratio Lower Upper  
172 100  
171 39.7 30.7 46.1  
170 26.9 20.7 31.1



#46  
1,1'-Biphenyl  
Concen: 50.116 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:154 Resp: 3324038  
Ion Ratio Lower Upper  
154 100  
153 42.4 21.1 61.1  
76 15.1 0.0 33.7

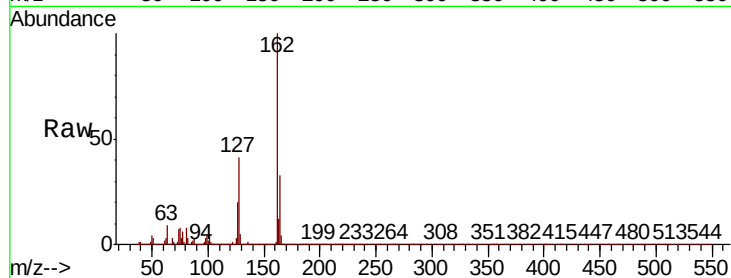




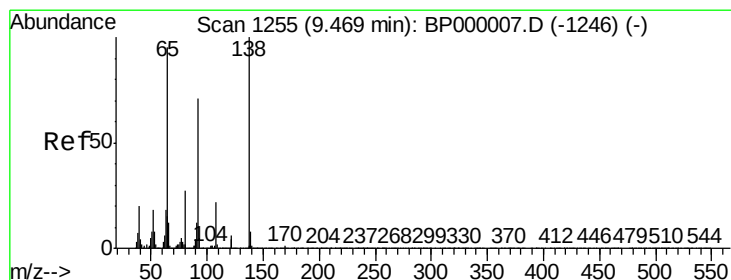
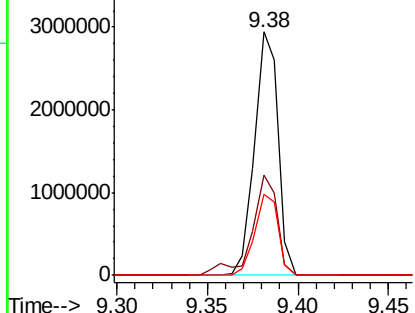
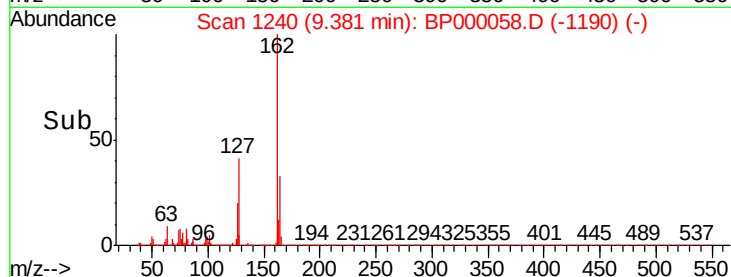
#47  
2-Chloronaphthalene  
Concen: 48.039 ng  
RT: 9.38 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:162 Resp: 2644925  
Ion Ratio Lower Upper  
162 100  
127 41.4 32.2 48.4  
164 33.4 26.9 40.3

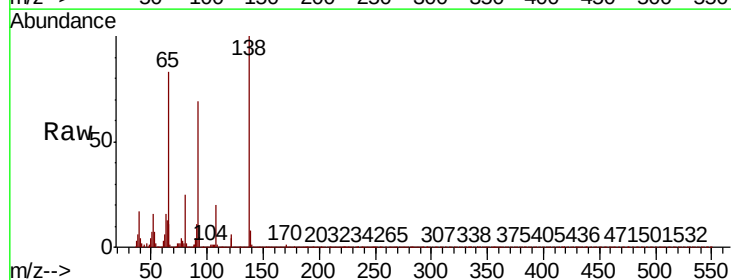


Abundance Ion 162.00 (161.70 to 162.70): E  
4000000  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

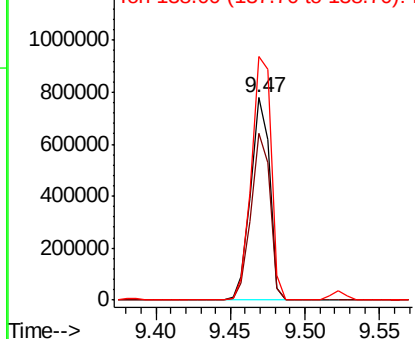
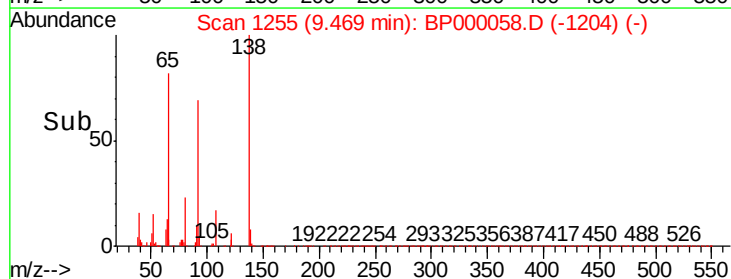


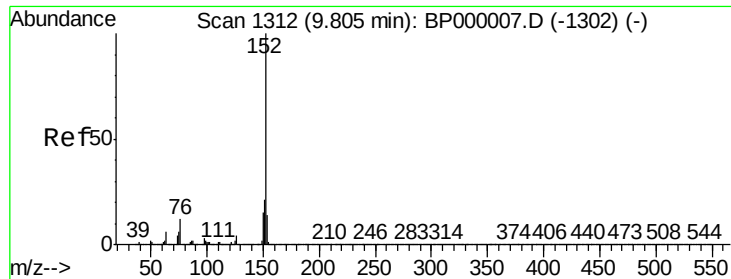
#48  
2-Nitroaniline  
Concen: 46.043 ng  
RT: 9.47 min Scan# 1255  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion: 65 Resp: 684729  
Ion Ratio Lower Upper  
65 100  
92 82.6 60.3 90.5  
138 120.3 84.5 126.7



Abundance Ion 65.00 (64.70 to 65.70): BP0  
1200000  
Ion 92.00 (91.70 to 92.70): BP0  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.989 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

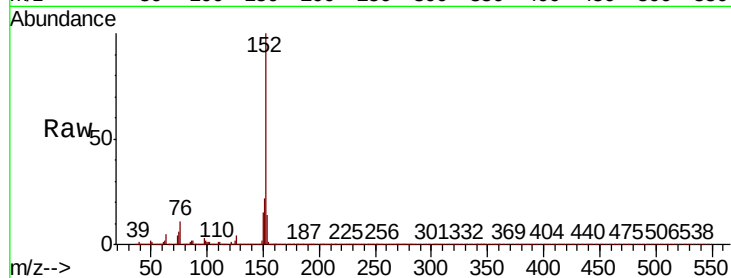
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:152 Resp: 4083889

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.8  | 17.0  | 25.6  |
| 153 | 14.0  | 11.0  | 16.6  |

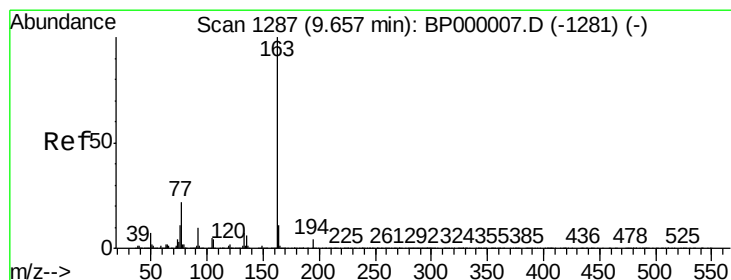
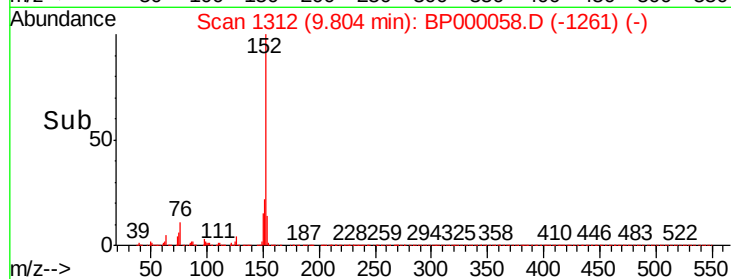
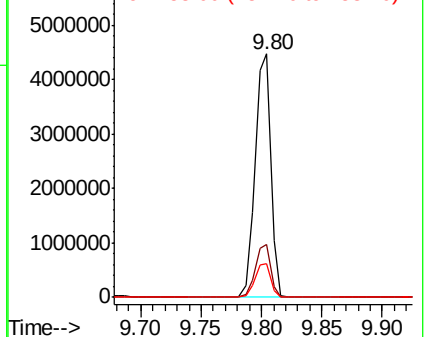


Abundance

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: 54.164 ng

RT: 9.66 min Scan# 1287

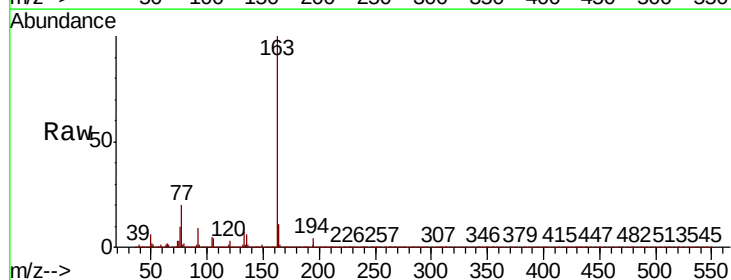
Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:163 Resp: 3467757

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.3   | 4.9   |
| 164 | 10.9  | 8.4   | 12.6  |

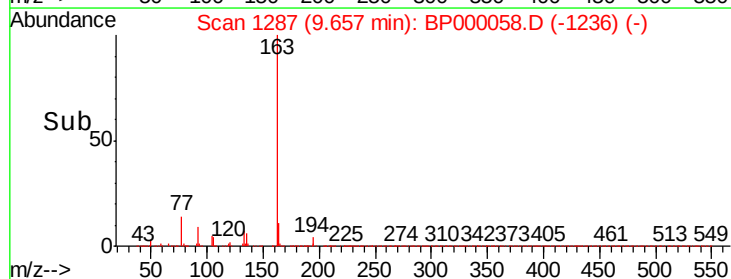
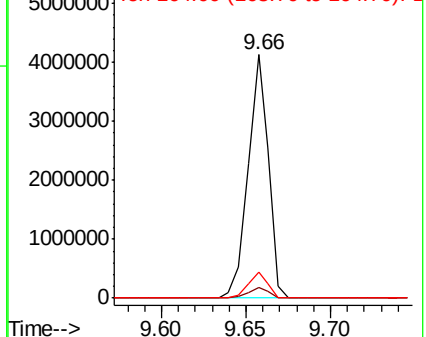


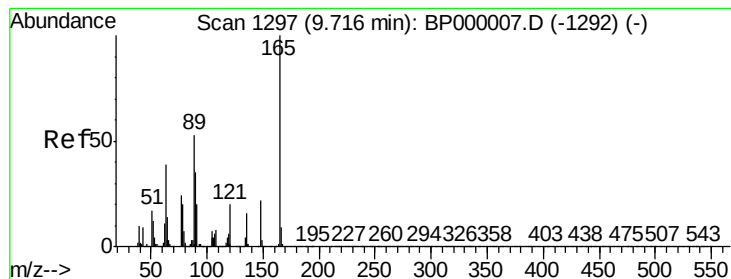
Abundance

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: 52.221 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA\_P

ClientSampled :

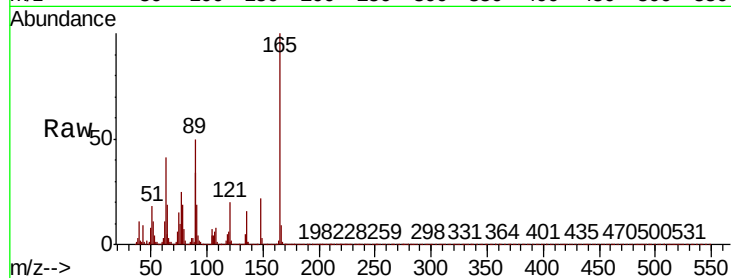
Tot Ion:165 Resp: 709661

Ion Ratio Lower Upper

165 100

63 41.4 35.8 53.6

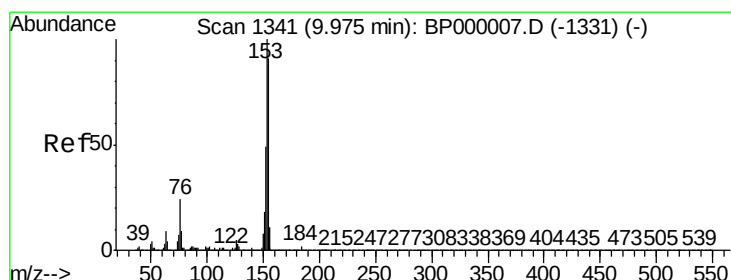
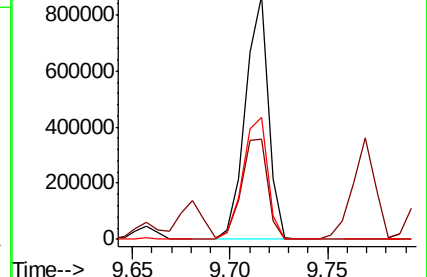
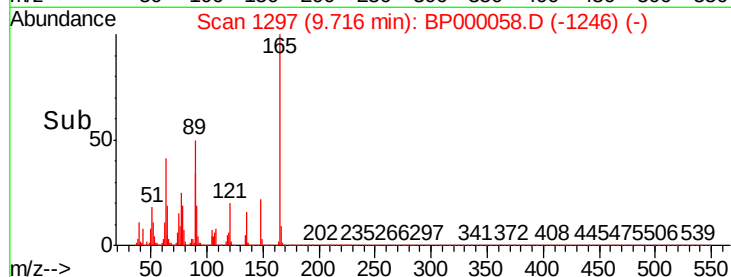
89 50.3 42.2 63.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 53.522 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

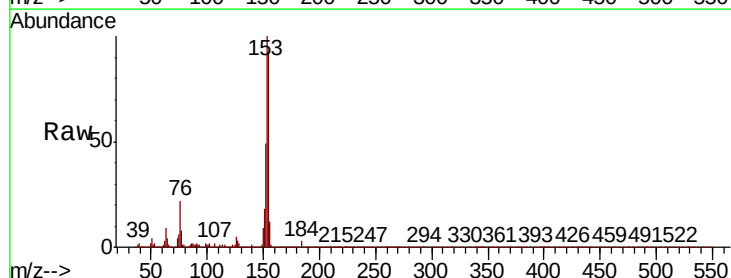
Tgt Ion:154 Resp: 2743705

Ion Ratio Lower Upper

154 100

153 107.8 88.2 132.2

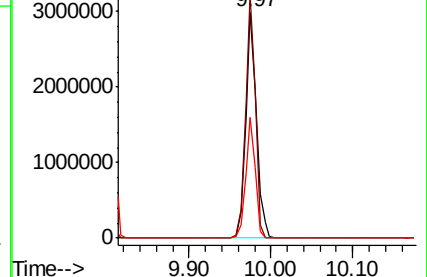
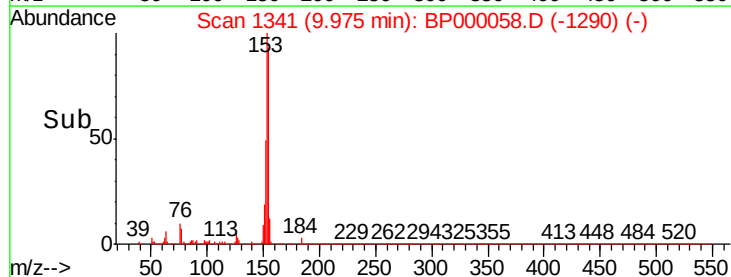
152 53.2 42.9 64.3

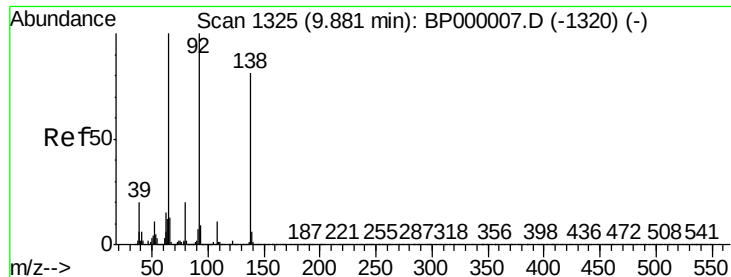


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

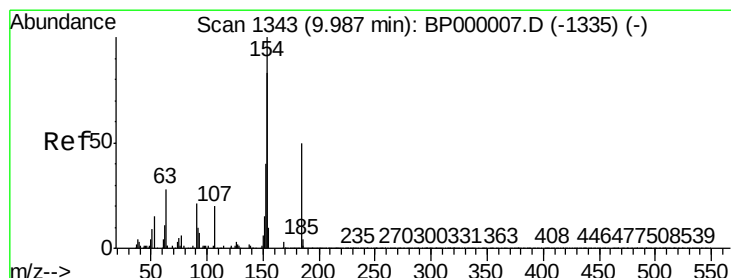
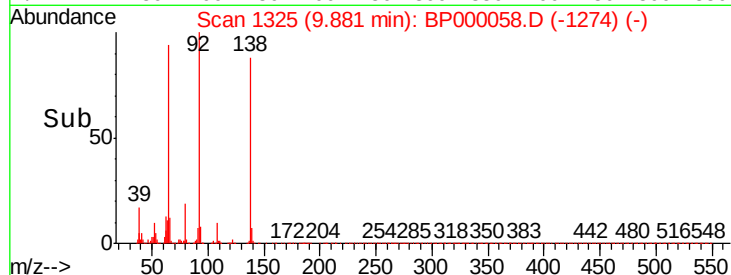
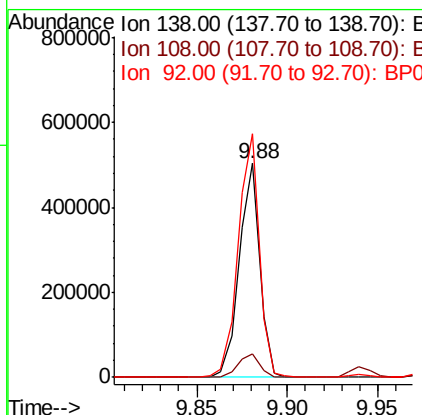
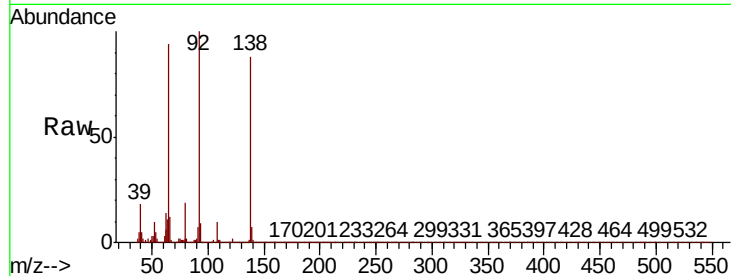




#53  
 3-Nitroaniline  
 Concen: 24.453 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

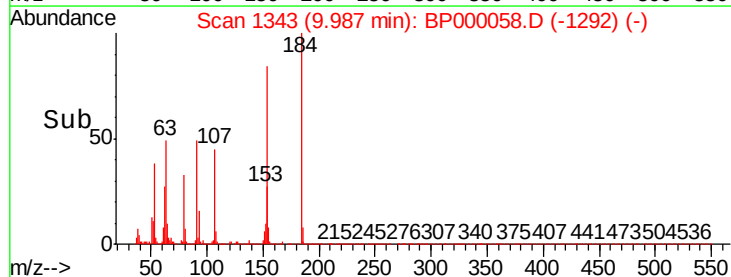
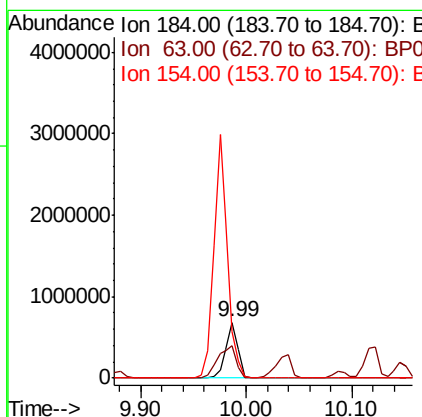
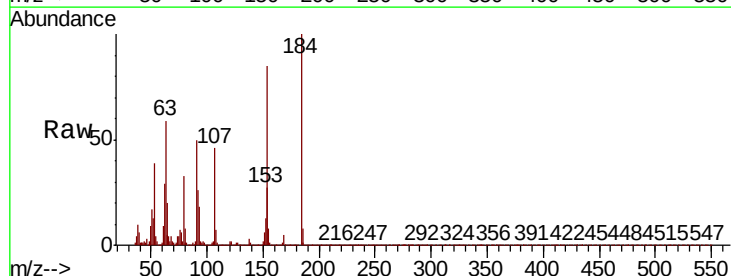
Instrument :  
 BNA\_P  
 ClientSampleId :

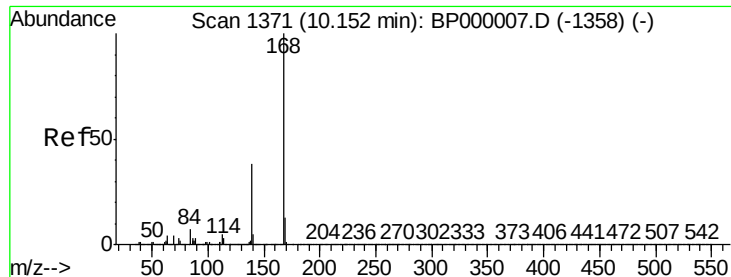
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.2  | 11.0  | 16.4  |
| 92      | 113.9 | 98.2  | 147.4 |



#54  
 2,4-Dinitrophenol  
 Concen: 104.700 ng  
 RT: 9.99 min Scan# 1343  
 Delta R.T. 0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 58.8  | 46.0  | 69.0   |
| 154     | 84.5  | 161.9 | 242.9# |





#55

Dibenzofuran

Concen: 50.227 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

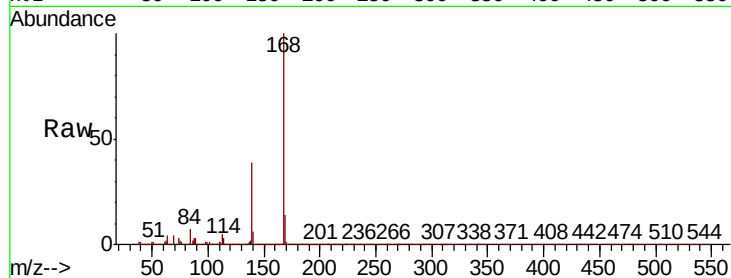
Instrument :

BNA\_P

ClientSampled :

Tot Ion:168 Resp: 3656228

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 39.0  | 30.2  | 45.2  |
| 169 | 14.0  | 10.7  | 16.1  |

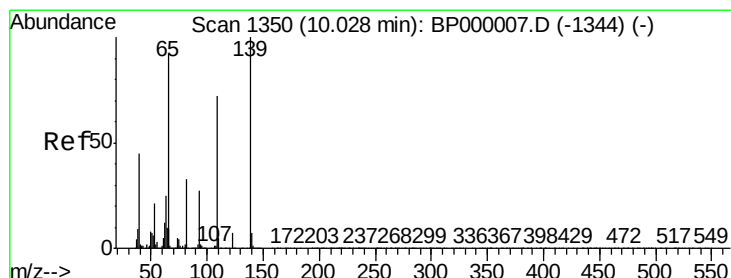
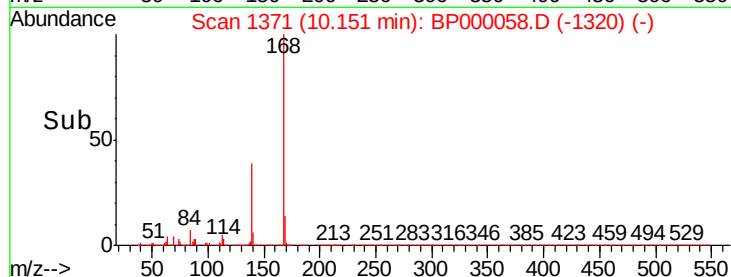
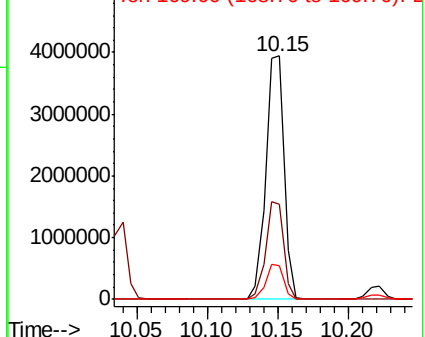


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 105.004 ng

RT: 10.04 min Scan# 1352

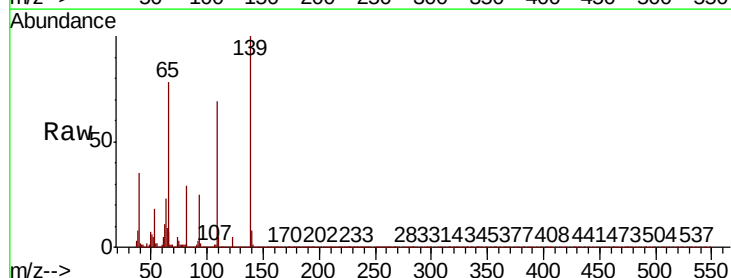
Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:139 Resp: 1218454

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 69.3  | 52.4  | 92.4  |
| 65  | 77.8  | 72.2  | 112.2 |

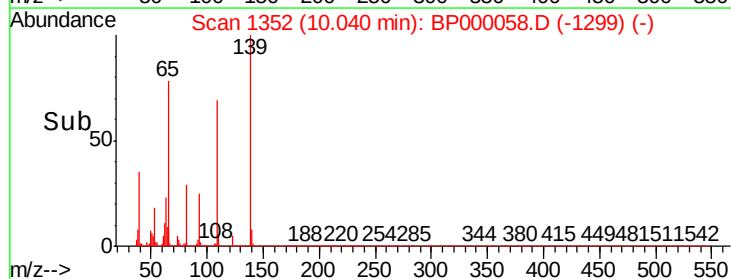
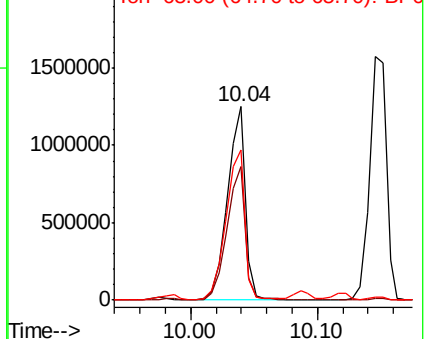


Abundance

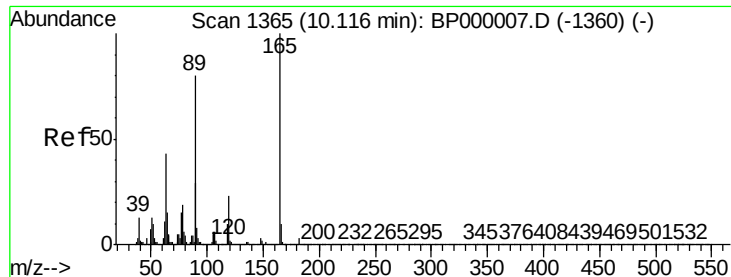
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO



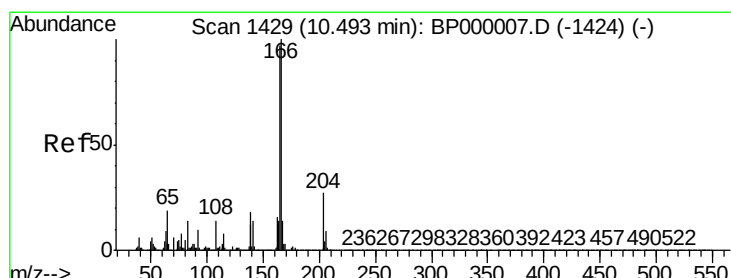
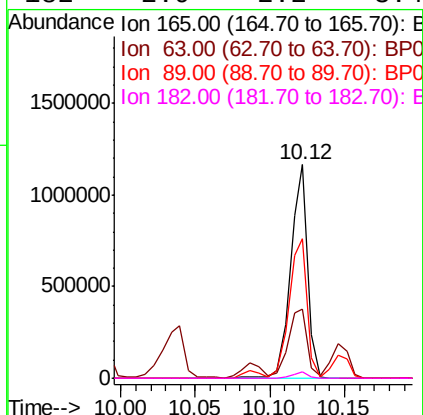
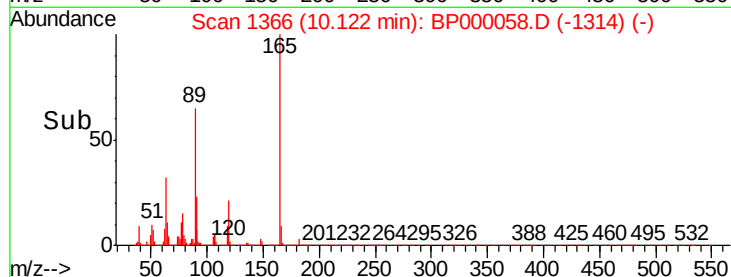
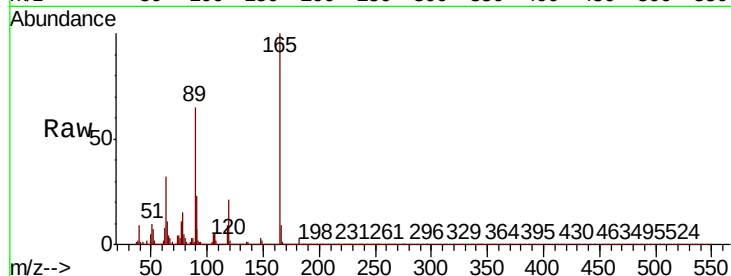




#57  
2,4-Dinitrotoluene  
Concen: 54.245 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

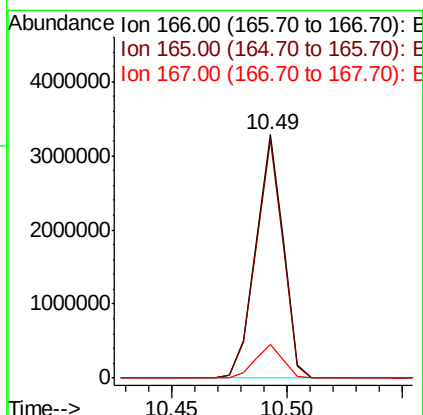
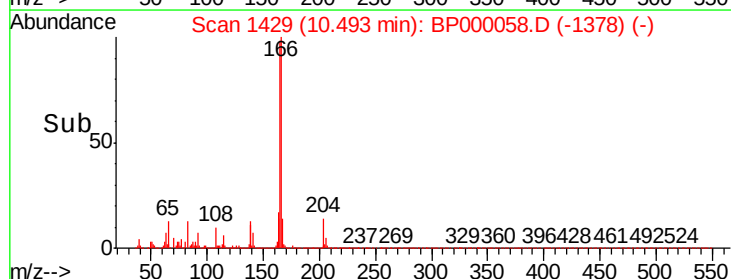
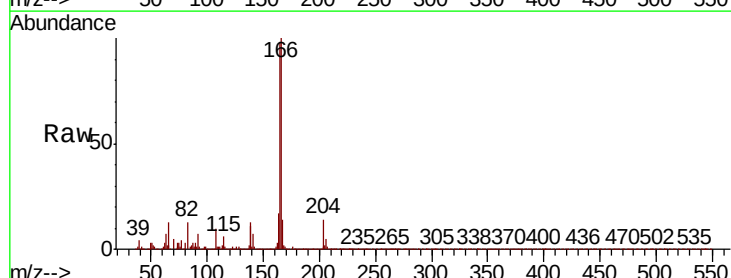
Instrument :  
BNA\_P  
ClientSampleId :

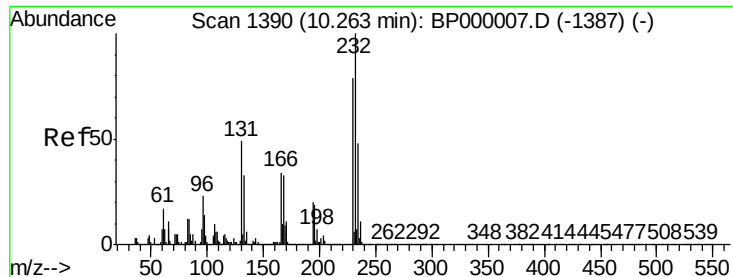
Tot Ion:165 Resp: 941109  
Ion Ratio Lower Upper  
165 100  
63 32.5 34.4 51.6#  
89 65.4 64.3 96.5  
182 2.9 2.2 3.4



#58  
Fluorene  
Concen: 49.957 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:166 Resp: 2736941  
Ion Ratio Lower Upper  
166 100  
165 98.1 77.3 115.9  
167 13.9 11.0 16.6

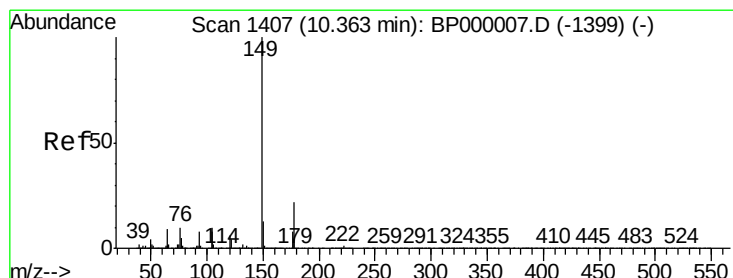
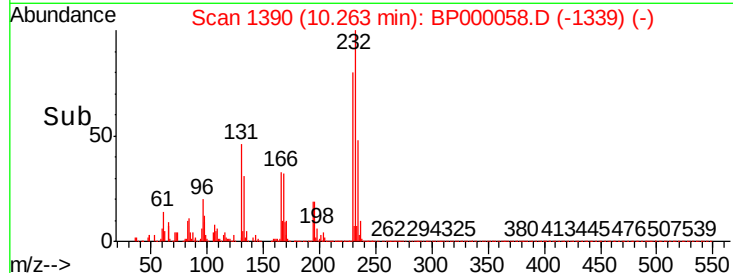
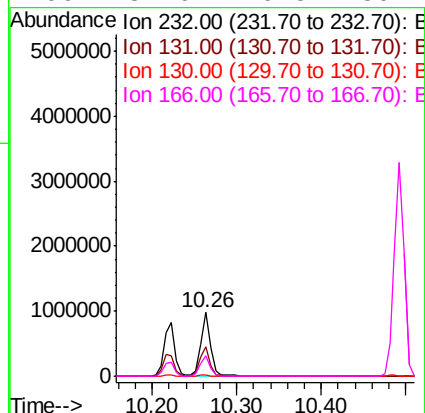
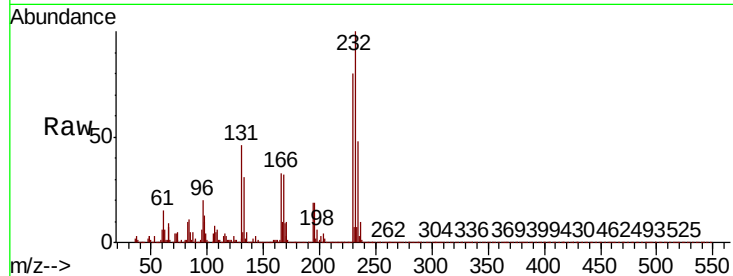




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.435 ng  
 RT: 10.26 min Scan# 1390  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

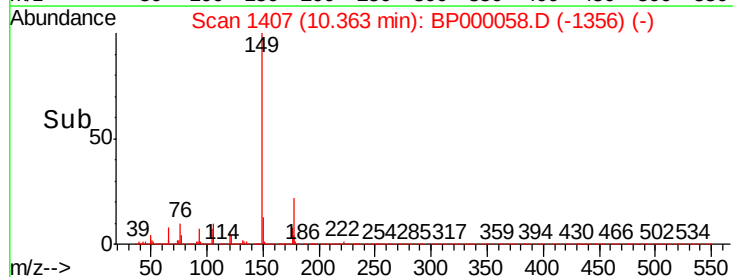
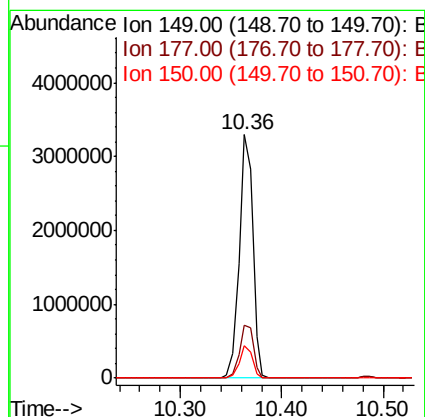
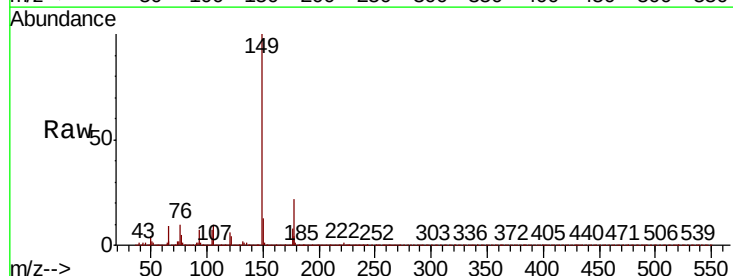
Instrument :  
 BNA\_P  
 ClientSampled :

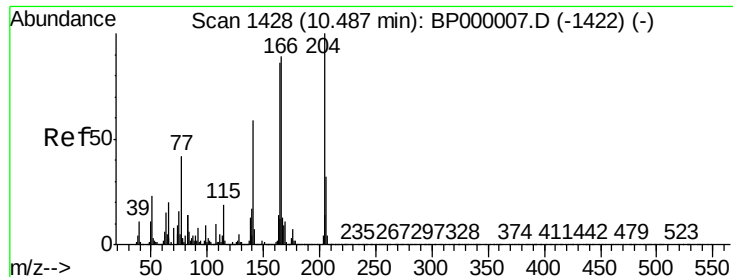
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 776322 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 45.8  | 39.3  | 58.9   |
| 130      | 2.4   | 2.1   | 3.1    |
| 166      | 31.6  | 26.5  | 39.7   |



#60  
 Diethylphthalate  
 Concen: 47.716 ng  
 RT: 10.36 min Scan# 1407  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 3057851 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.0  | 17.3  | 25.9    |
| 150      | 13.2  | 10.3  | 15.5    |

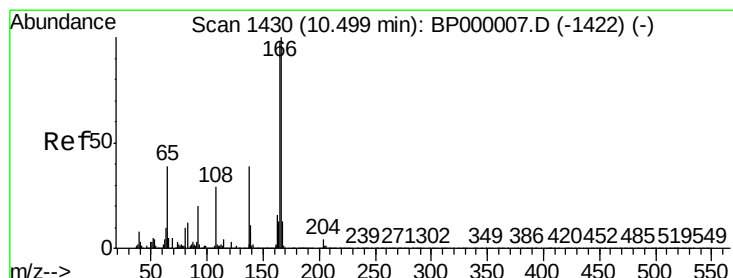
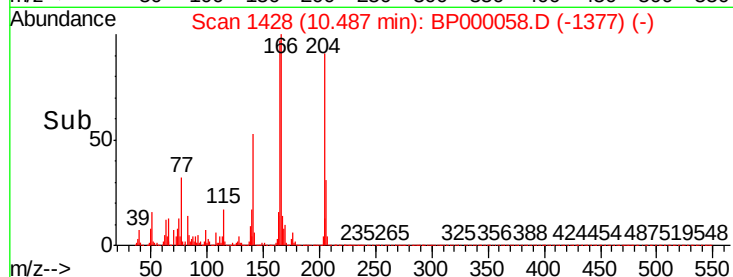
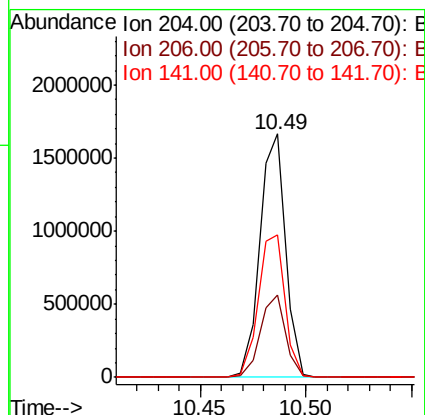
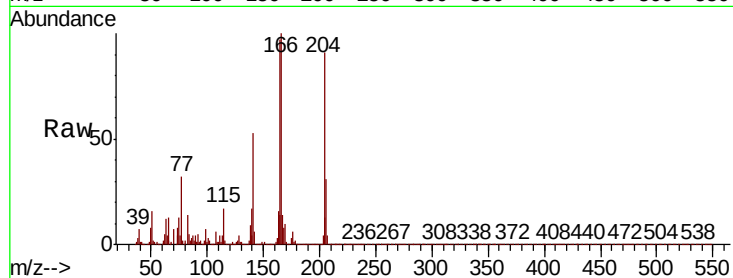




#61  
4-Chlorophenyl-phenylether  
Concen: 49.732 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

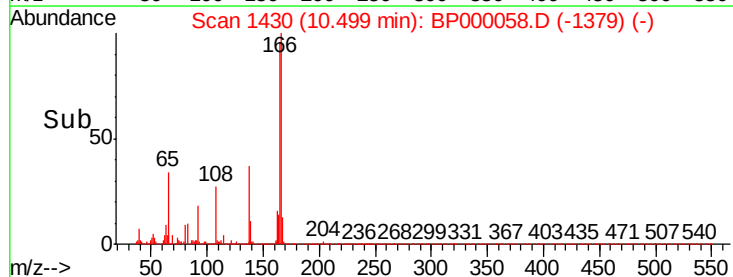
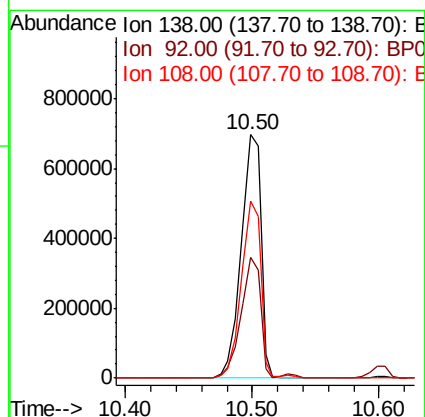
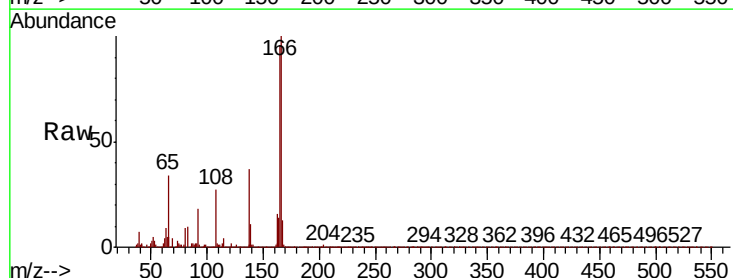
Instrument :  
BNA\_P  
ClientSampled :

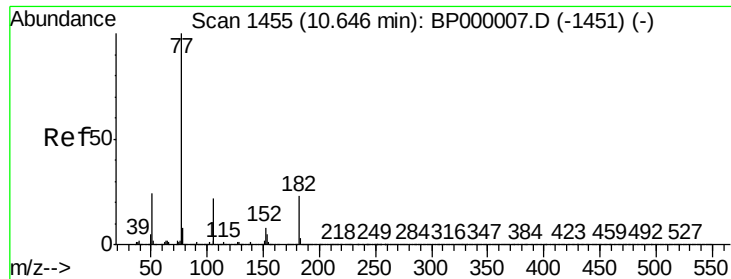
Tot Ion:204 Resp: 1416140  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.0 39.0  
141 58.6 47.6 71.4



#62  
4-Nitroaniline  
Concen: 48.234 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:138 Resp: 746906  
Ion Ratio Lower Upper  
138 100  
92 49.7 32.8 72.8  
108 72.8 55.7 95.7



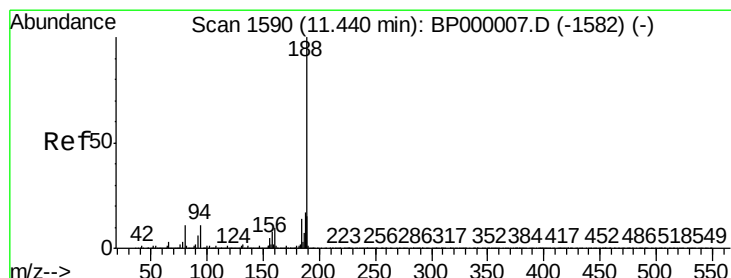
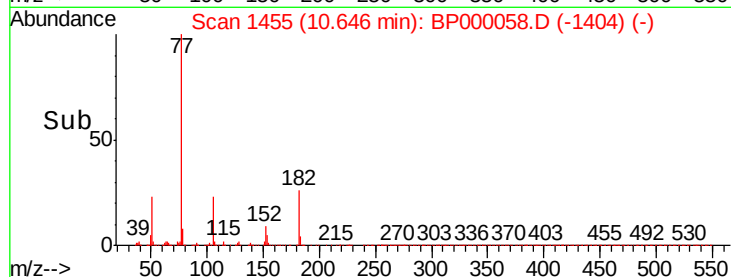
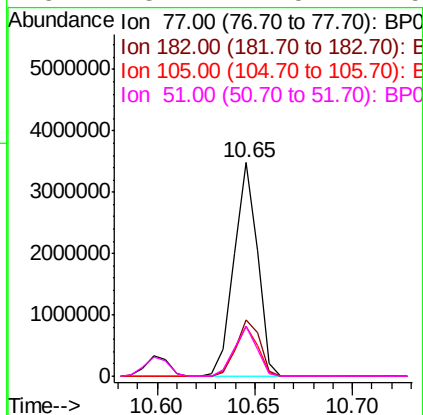
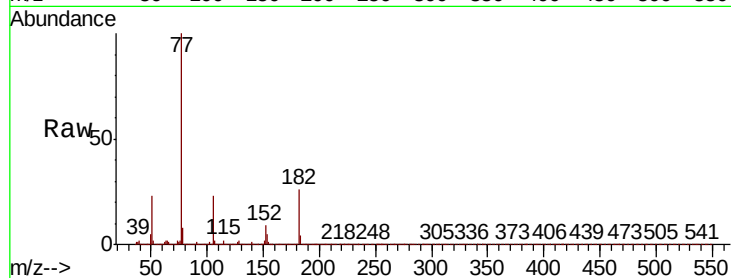


#63  
Azobenzene  
Concen: 47.216 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion: 77 Resp: 2897581

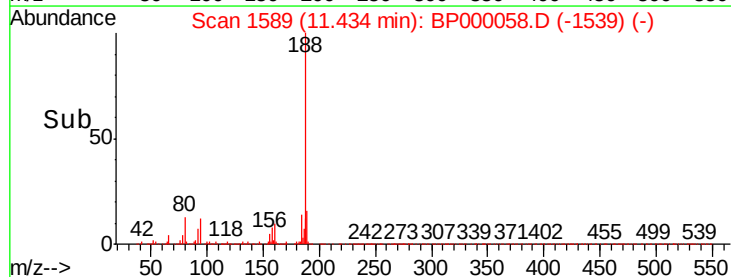
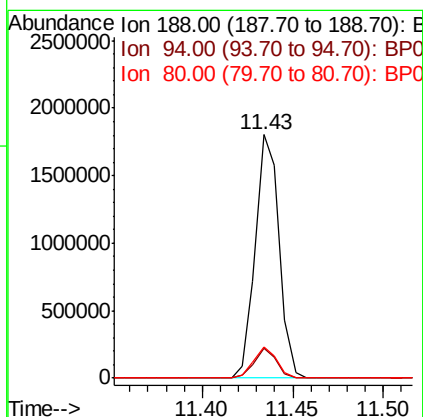
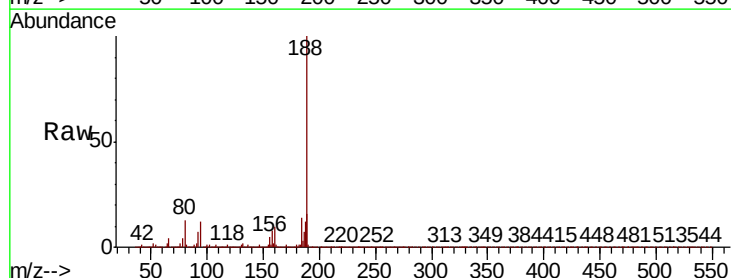
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.4  | 2.6   | 42.6  |
| 105 | 23.4  | 2.3   | 42.3  |
| 51  | 23.2  | 4.5   | 44.5  |

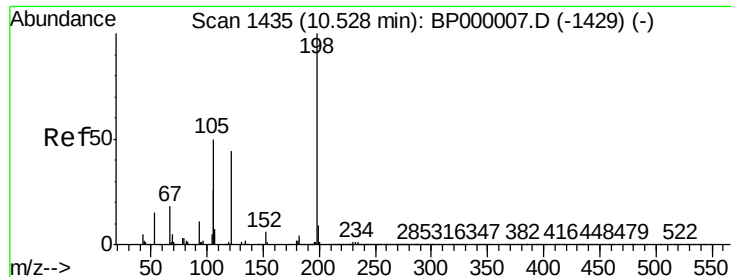


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.43 min Scan# 1589  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion: 188 Resp: 1650191

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 12.2  | 8.8   | 13.2  |
| 80  | 12.8  | 9.0   | 13.6  |

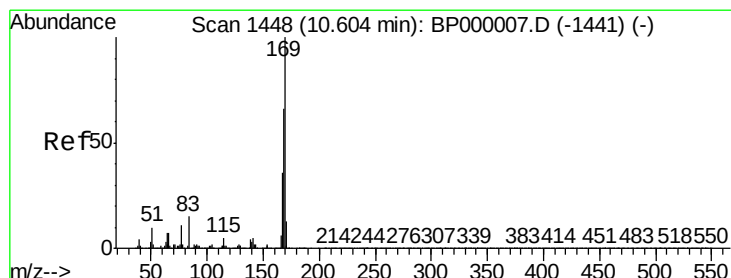
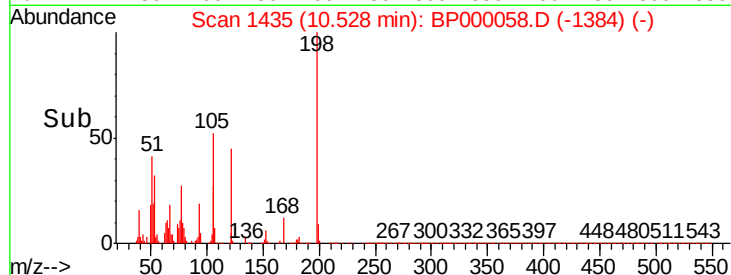
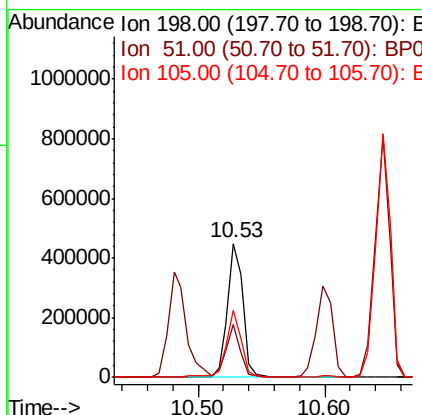
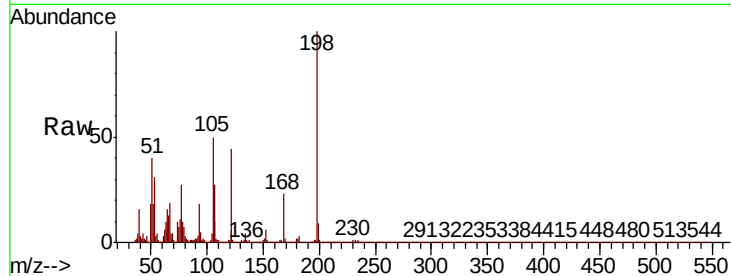




#65  
4,6-Dinitro-2-methylphenol  
Concen: 57.868 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

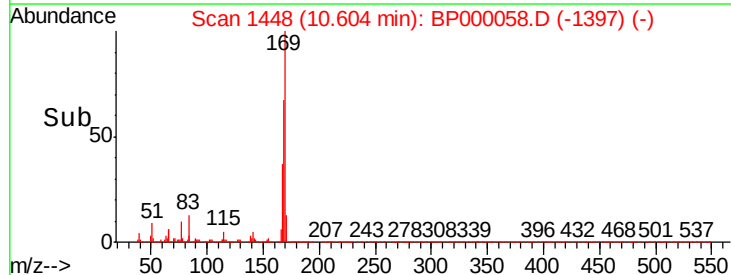
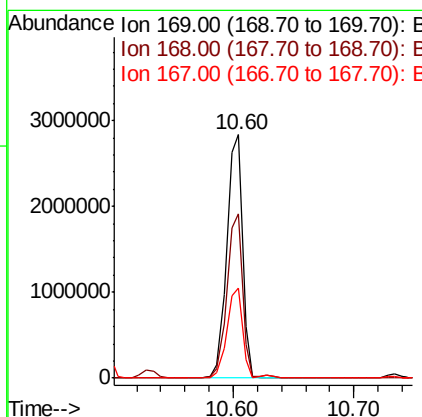
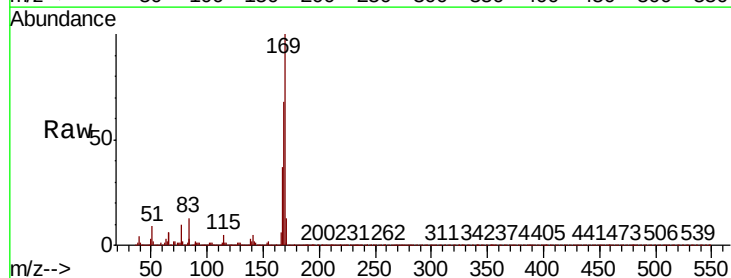
Instrument :  
BNA\_P  
ClientSampled :

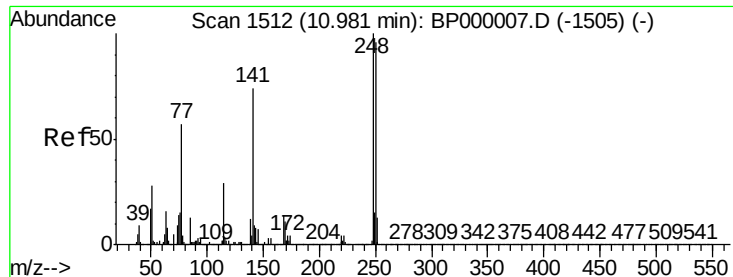
Tot Ion:198 Resp: 379515  
Ion Ratio Lower Upper  
198 100  
51 39.5 22.1 62.1  
105 50.5 32.0 72.0



#66  
n-Nitrosodiphenylamine  
Concen: 52.161 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:169 Resp: 2557261  
Ion Ratio Lower Upper  
169 100  
168 67.5 52.9 79.3  
167 37.0 29.2 43.8

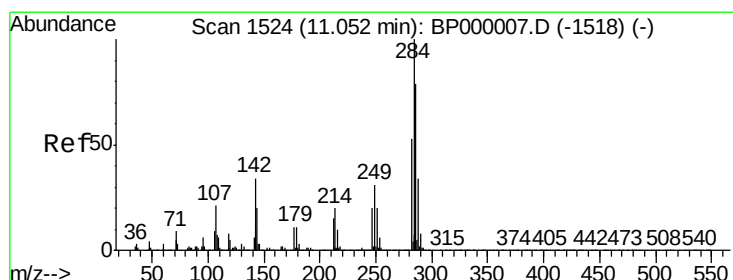
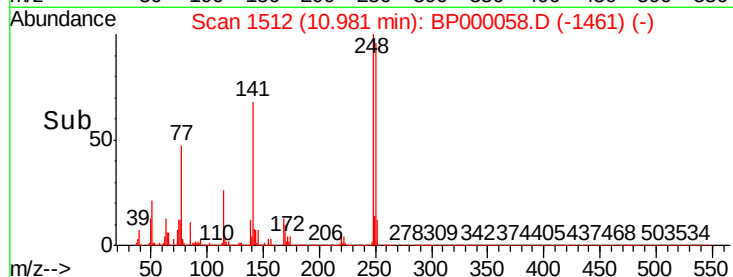
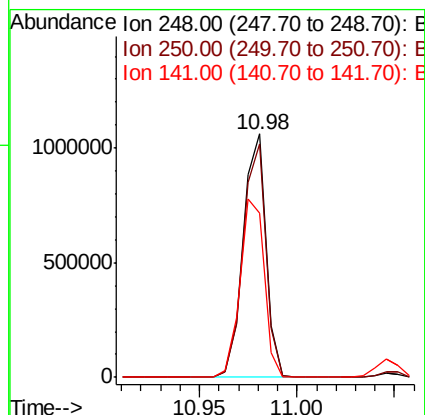
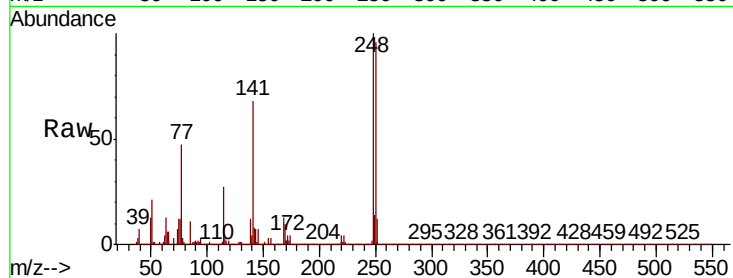




#67  
4-Bromophenyl-phenylether  
Concen: 51.307 ng  
RT: 10.98 min Scan# 1512  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

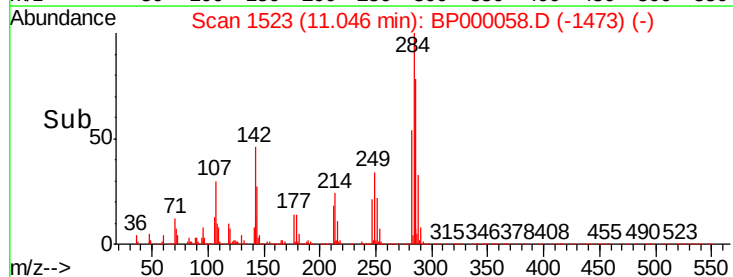
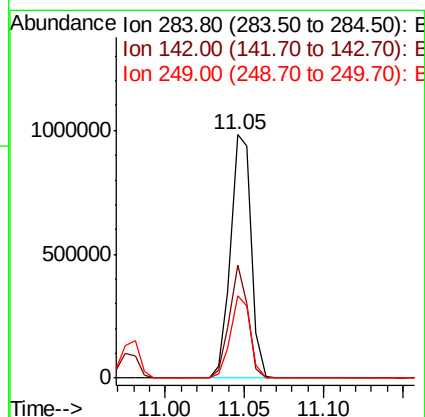
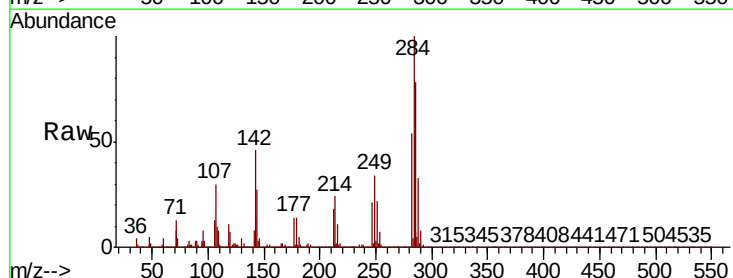
Instrument :  
BNA\_P  
ClientSampleId :

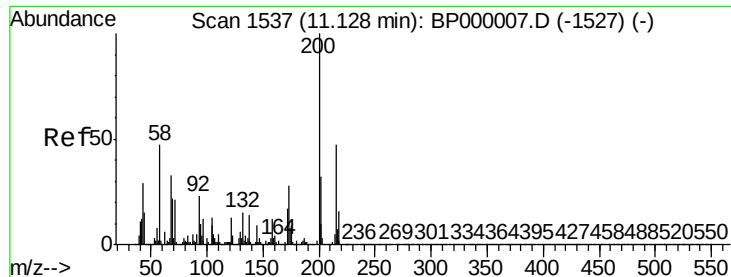
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.0  | 77.1  | 115.7 |
| 141     | 67.7  | 59.5  | 89.3  |



#68  
Hexachlorobenzene  
Concen: 48.357 ng  
RT: 11.05 min Scan# 1523  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 46.2  | 27.0  | 40.4# |
| 249     | 33.6  | 24.9  | 37.3  |





#69

Atrazine

Concen: 62.008 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA\_P

ClientSampleId :

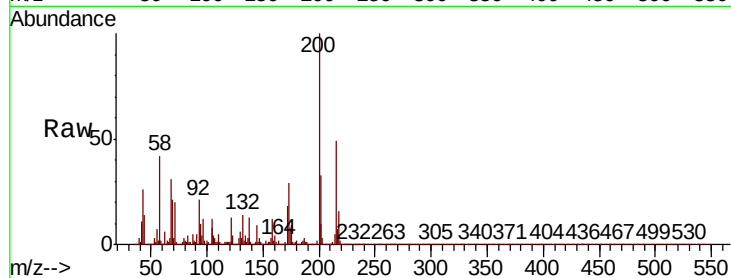
Tot Ion:200 Resp: 772584

Ion Ratio Lower Upper

200 100

173 28.7 8.1 48.1

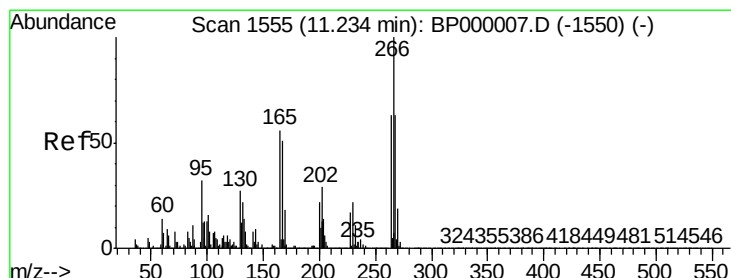
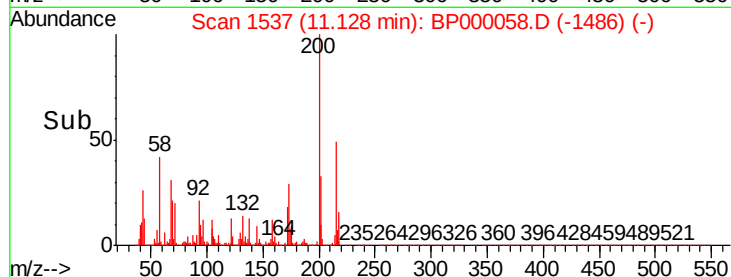
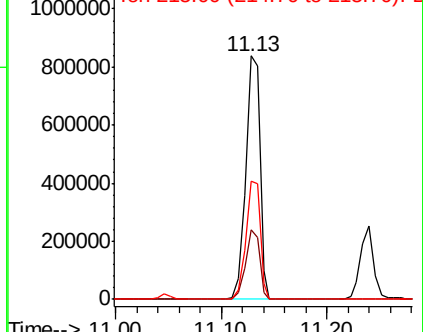
215 48.6 26.7 66.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.688 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

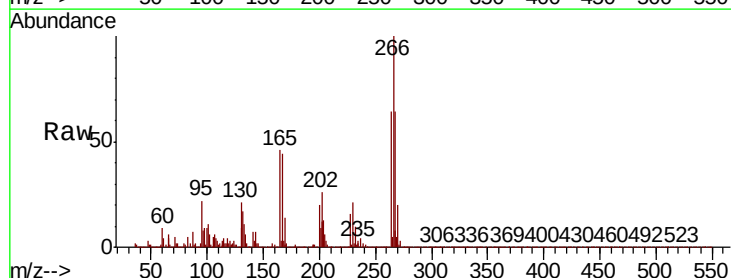
Tgt Ion:266 Resp: 1095960

Ion Ratio Lower Upper

266 100

268 63.6 50.1 75.1

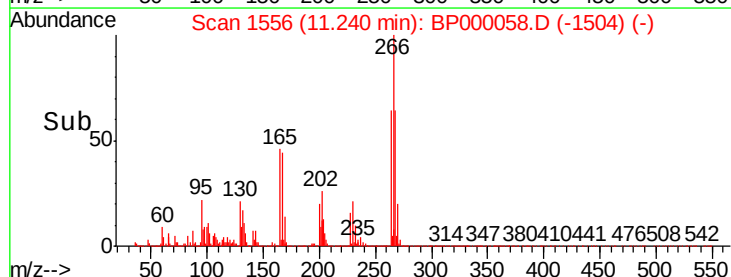
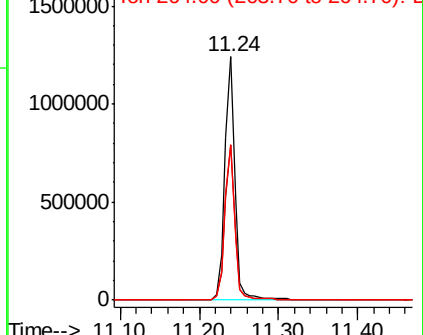
264 63.8 50.6 76.0

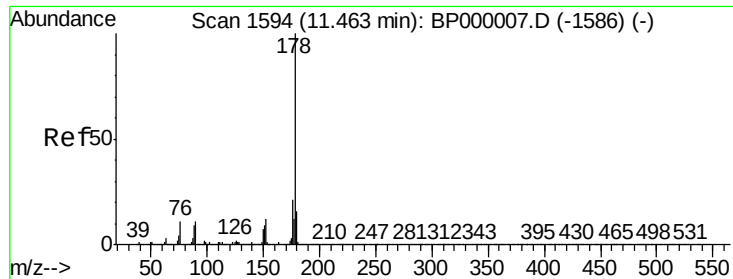


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

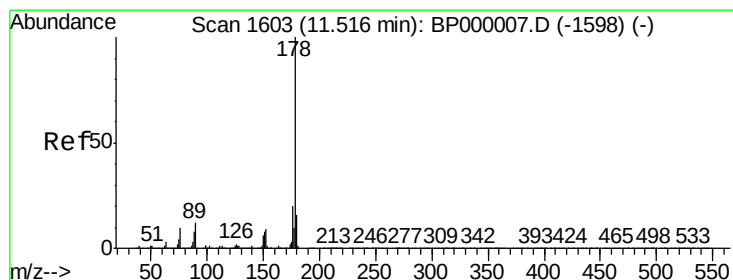
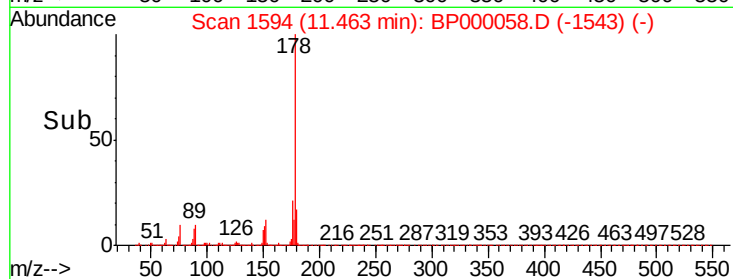
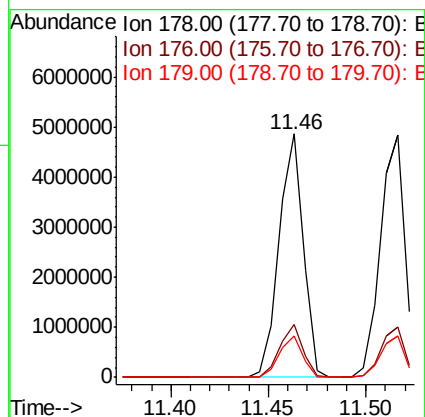
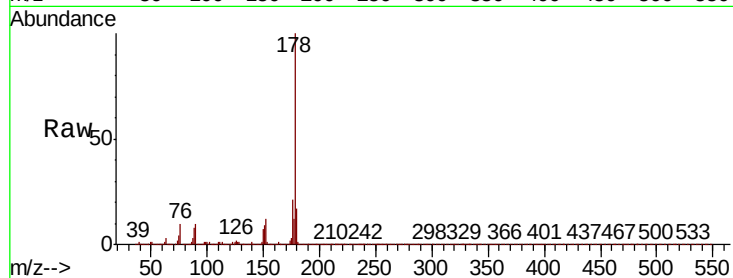




#71  
Phenanthrene  
Concen: 50.856 ng  
RT: 11.46 min Scan# 1594  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

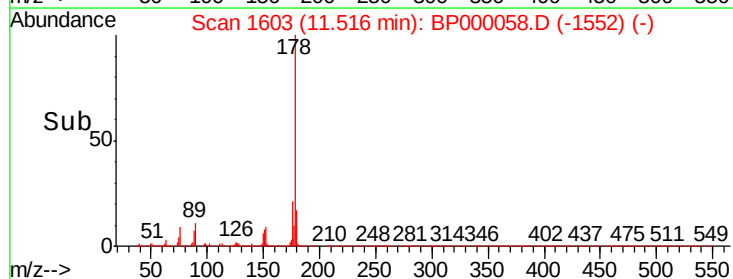
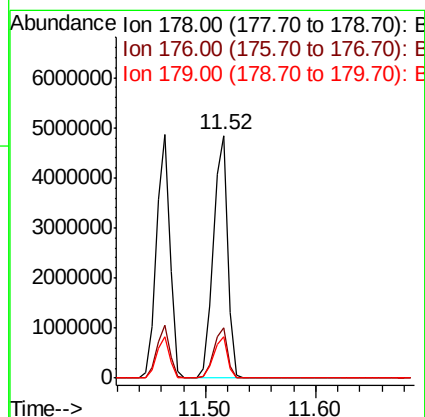
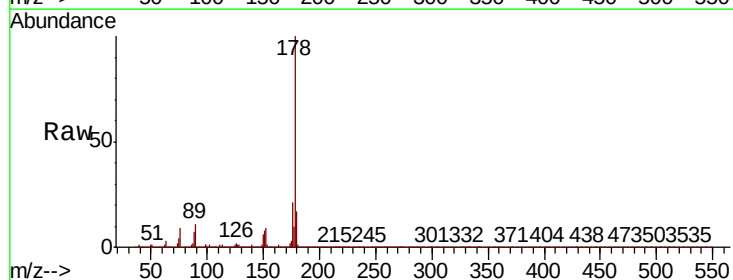
Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:178 Resp: 4182855  
Ion Ratio Lower Upper  
178 100  
176 21.5 16.7 25.1  
179 17.0 13.1 19.7

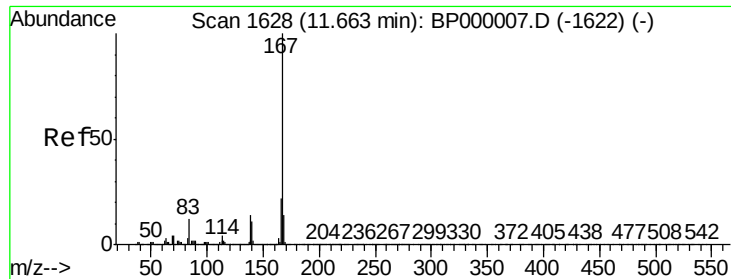


#72  
Anthracene  
Concen: 52.030 ng  
RT: 11.52 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:178 Resp: 4227367  
Ion Ratio Lower Upper  
178 100  
176 20.5 15.9 23.9  
179 16.8 13.0 19.6



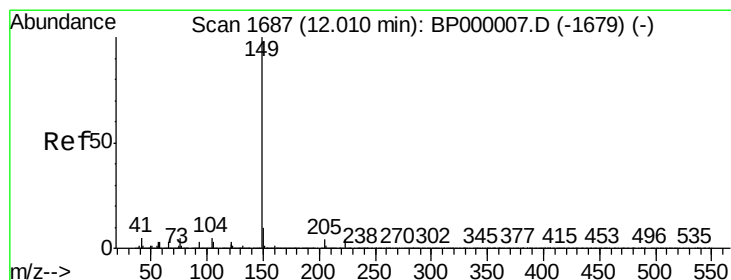
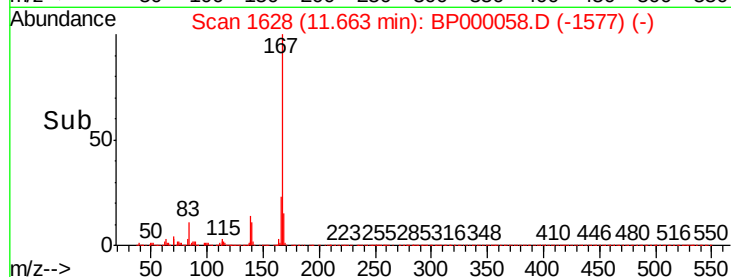
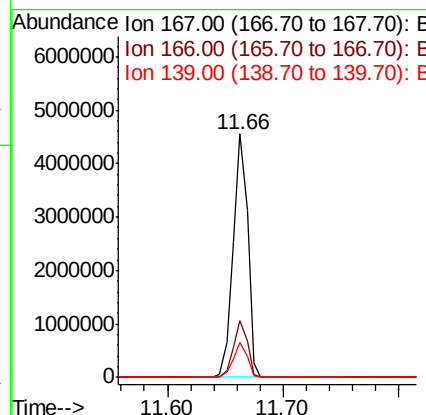
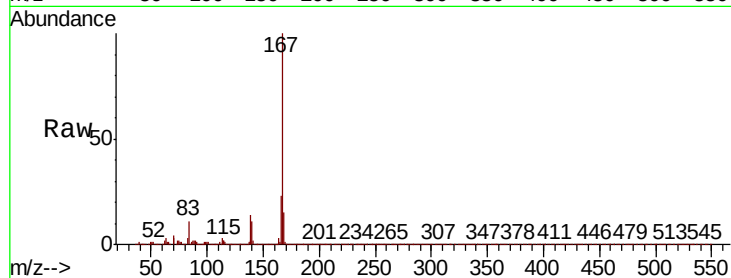




#73  
 Carbazole  
 Concen: 51.663 ng  
 RT: 11.66 min Scan# 1628  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

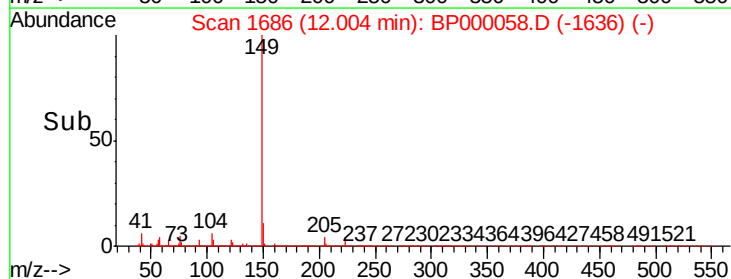
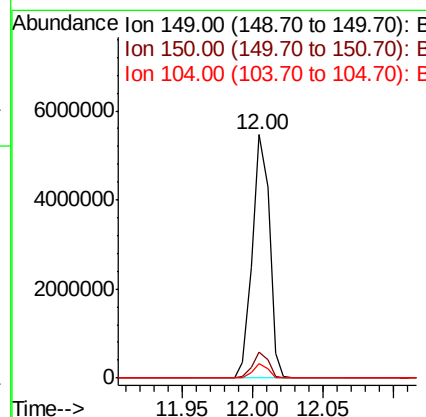
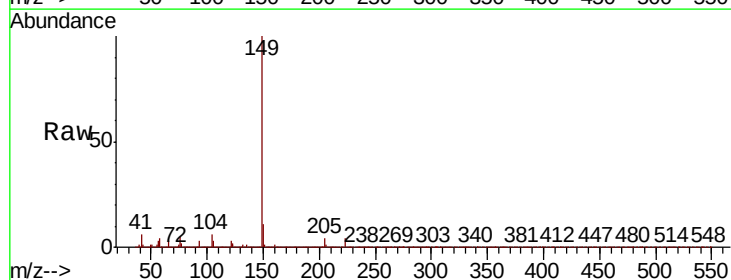
Instrument :  
 BNA\_P  
 ClientSampleId :

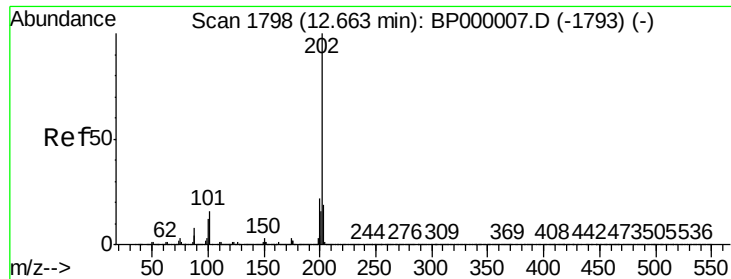
Tot Ion:167 Resp: 3962054  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 17.9 26.9  
 139 14.3 11.4 17.2



#74  
 Di-n-butylphthalate  
 Concen: 50.240 ng  
 RT: 12.00 min Scan# 1686  
 Delta R.T. -0.01 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

Tgt Ion:149 Resp: 4671964  
 Ion Ratio Lower Upper  
 149 100  
 150 10.6 8.0 12.0  
 104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 52.388 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

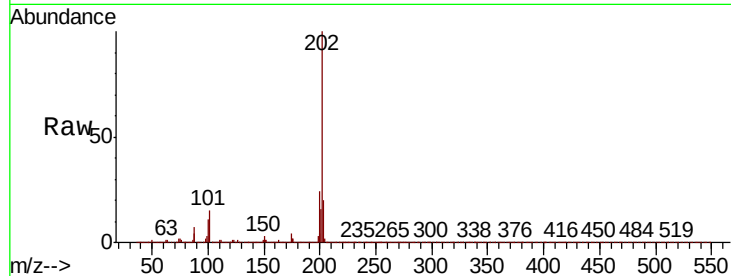
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:202 Resp: 4682400

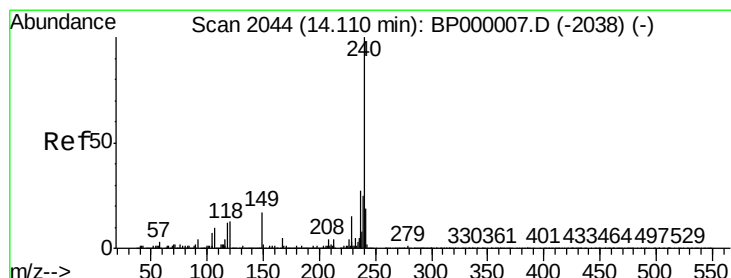
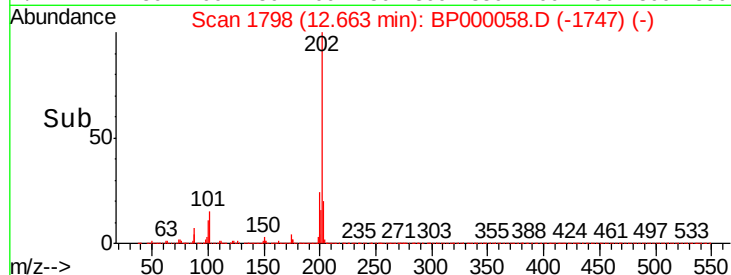
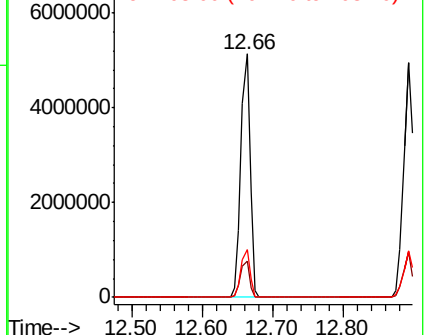
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 14.9  | 0.0   | 36.4  |
| 203 | 19.6  | 0.0   | 38.7  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

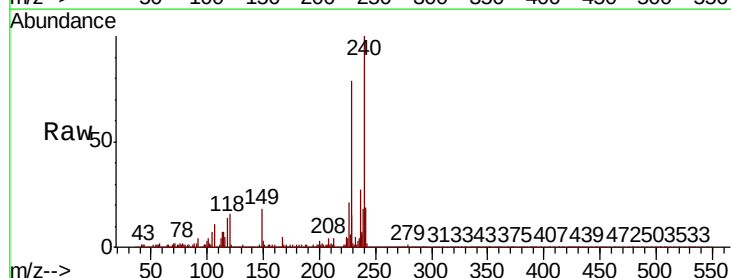
Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:240 Resp: 1304261

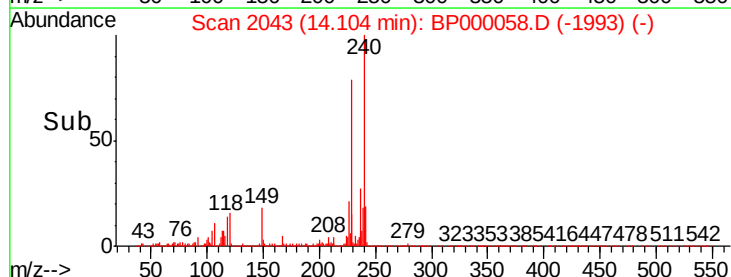
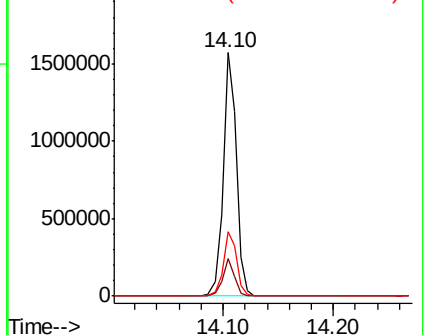
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 15.5  | 10.5  | 15.7  |
| 236 | 26.6  | 21.5  | 32.3  |

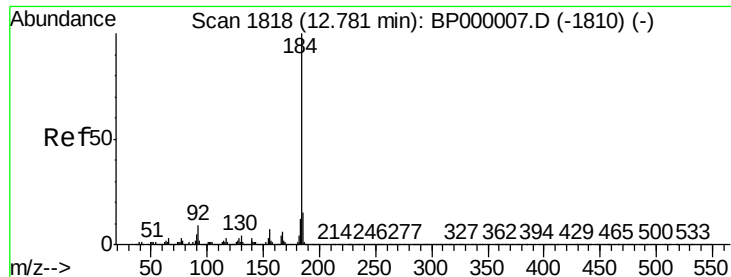


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.747 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

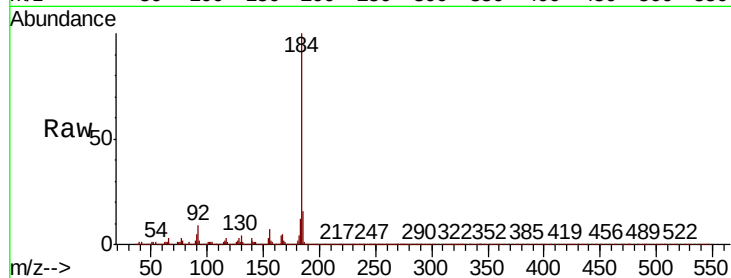
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:184 Resp: 2013592

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.1  | 11.8  | 17.8  |
| 183 | 11.9  | 9.4   | 14.0  |

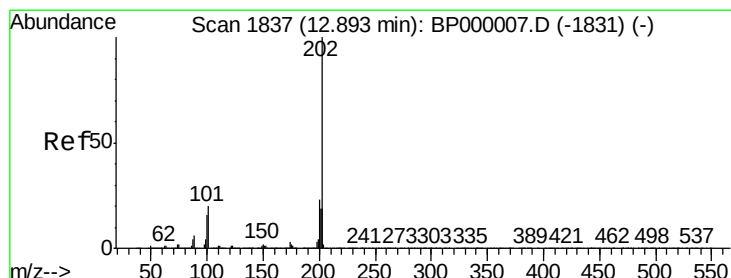
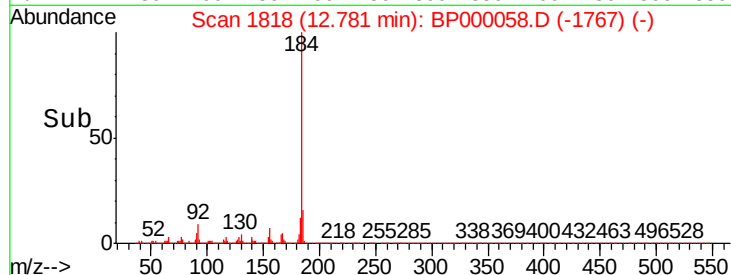
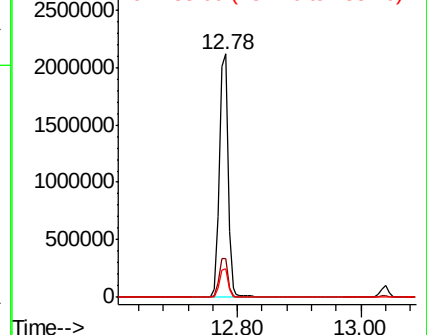


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.654 ng

RT: 12.89 min Scan# 1837

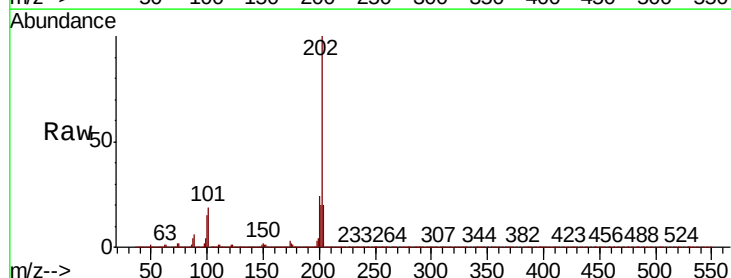
Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:202 Resp: 4668321

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.4  | 18.5  | 27.7  |
| 203 | 19.9  | 15.1  | 22.7  |

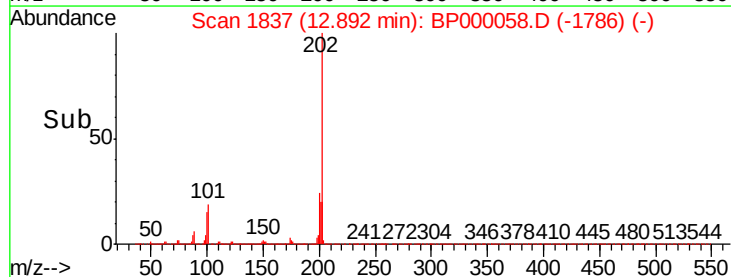
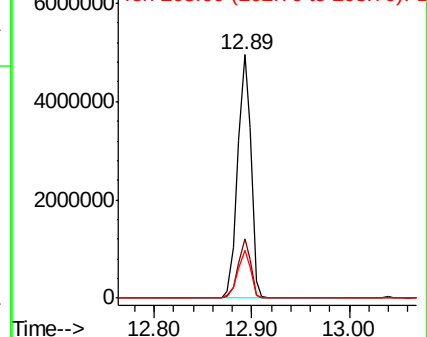


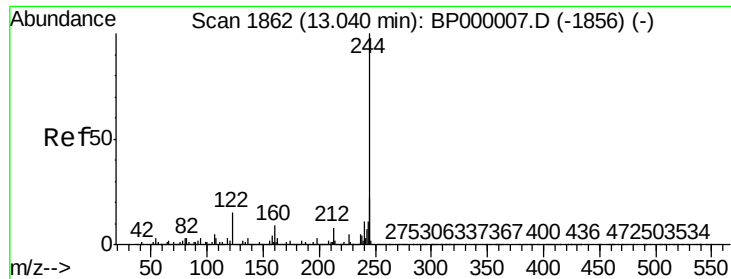
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



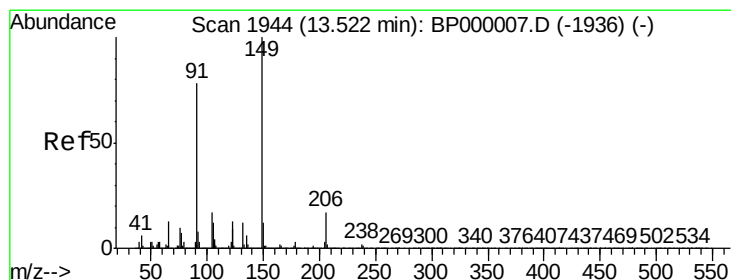
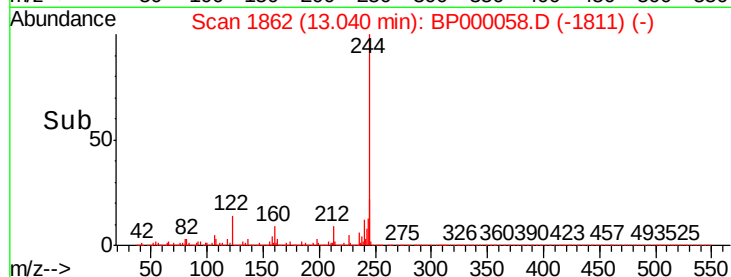
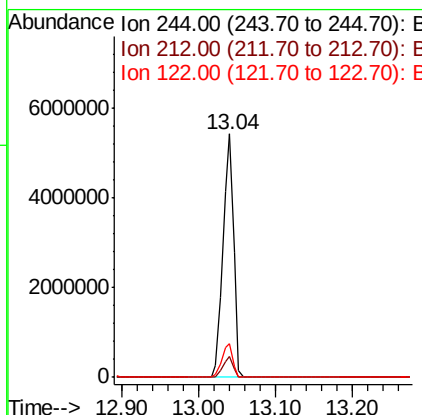
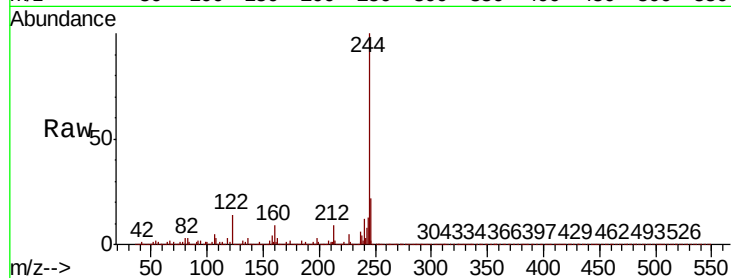


#79  
 Terphenyl-d14  
 Concen: 86.471 ng  
 RT: 13.04 min Scan# 1862  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:244 Resp: 5174383  

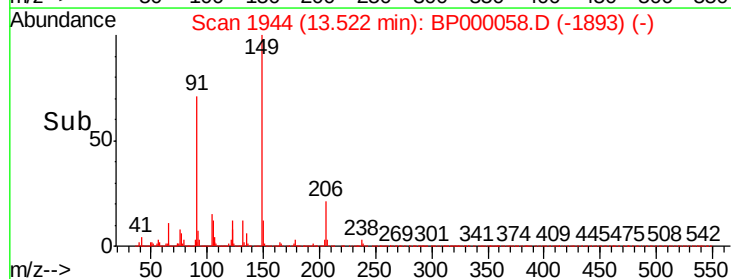
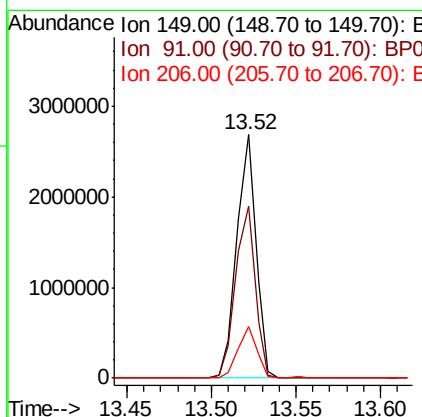
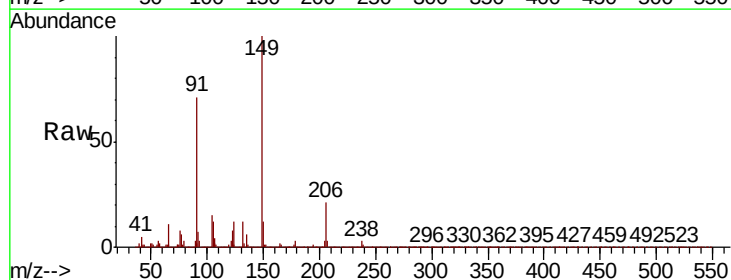
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.8   | 6.6   | 10.0  |
| 122 | 14.0  | 12.3  | 18.5  |

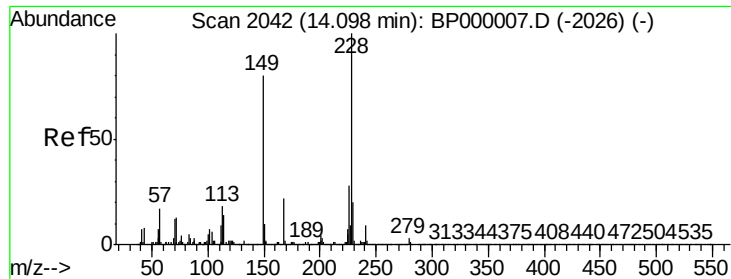


#80  
 Butylbenzylphthalate  
 Concen: 49.850 ng  
 RT: 13.52 min Scan# 1944  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

Tgt Ion:149 Resp: 2131169  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.7  | 62.7  | 94.1  |
| 206 | 21.1  | 13.8  | 20.6  |





#81

Benzo(a)anthracene

Concen: 48.851 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

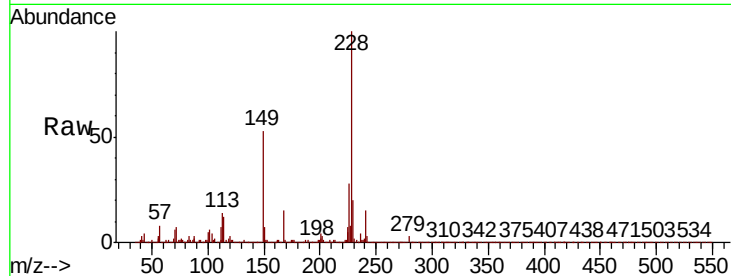
Instrument :

BNA\_P

ClientSampled :

Tot Ion:228 Resp: 4128728

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.5  | 22.5  | 33.7  |
| 229 | 20.3  | 16.2  | 24.2  |

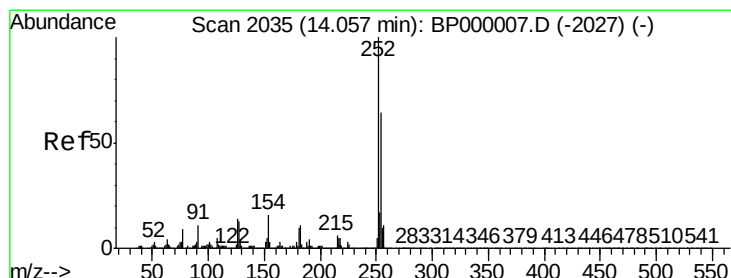
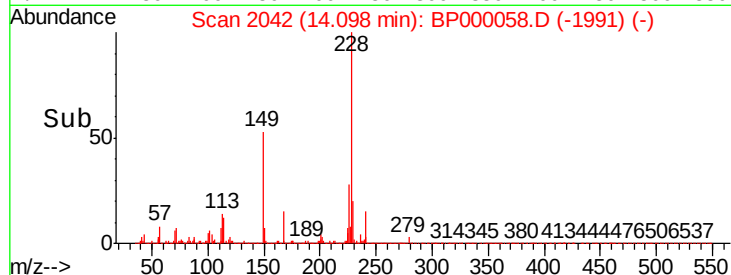
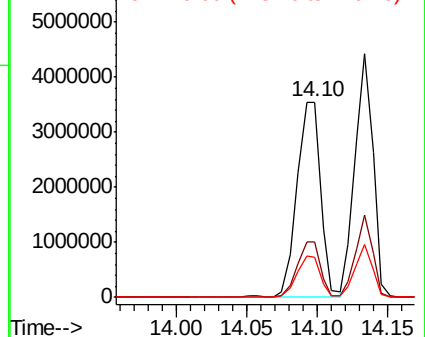


Abundance

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: 36.993 ng

RT: 14.06 min Scan# 2035

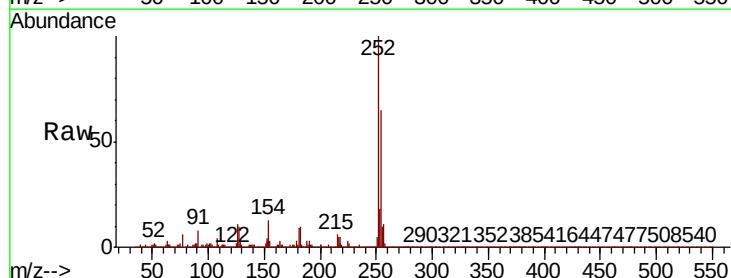
Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:252 Resp: 1153387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.3  | 51.4  | 77.0  |
| 126 | 11.2  | 11.1  | 16.7  |

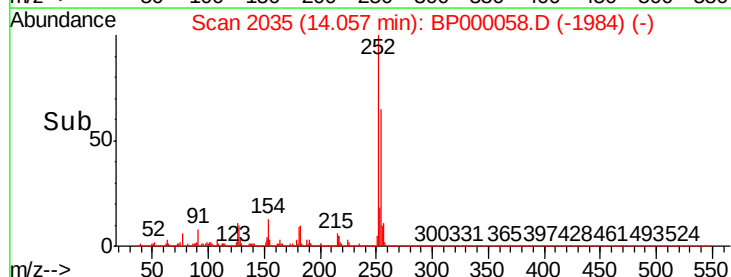
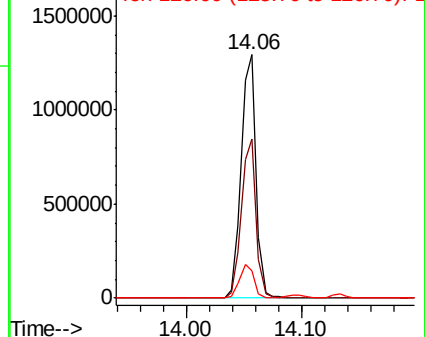


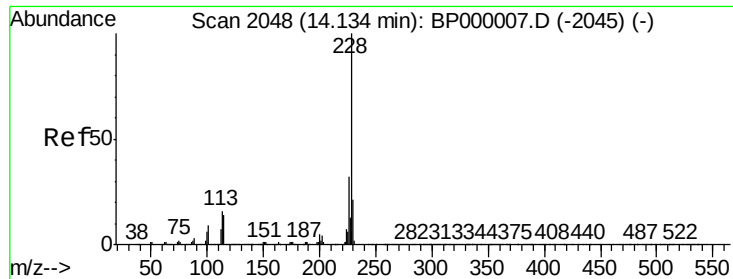
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

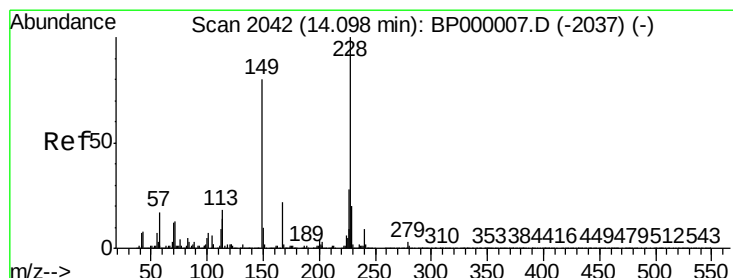
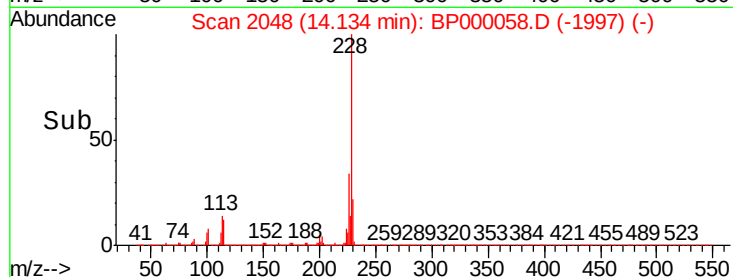
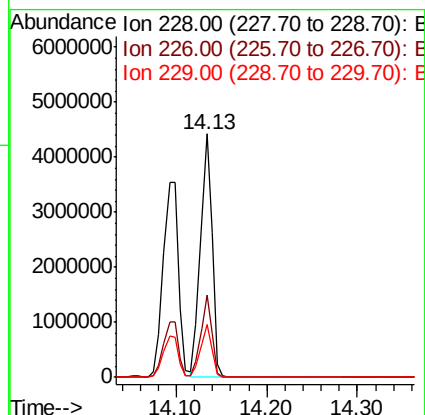
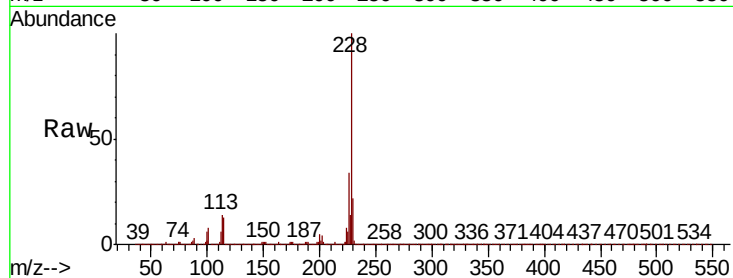




#83  
 Chrysene  
 Concen: 49.843 ng  
 RT: 14.13 min Scan# 2048  
 Delta R.T. -0.00 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

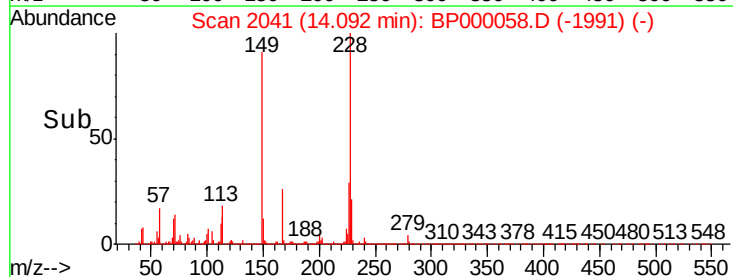
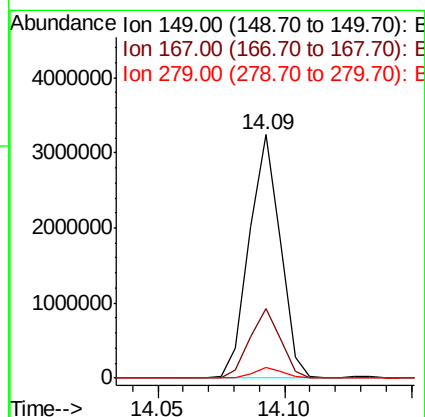
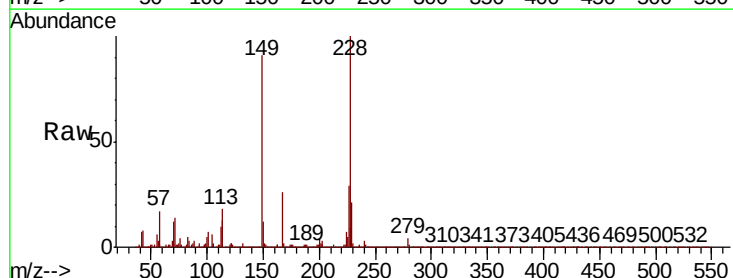
Instrument :  
 BNA\_P  
 ClientSampled :

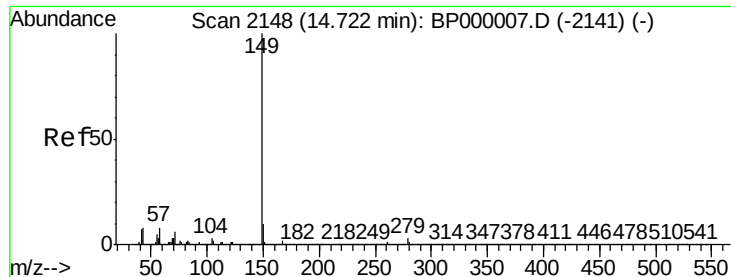
Tot Ion:228 Resp: 3984487  
 Ion Ratio Lower Upper  
 228 100  
 226 33.8 25.5 38.3  
 229 21.7 16.5 24.7



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.967 ng  
 RT: 14.09 min Scan# 2041  
 Delta R.T. -0.01 min  
 Lab File: BP000058.D  
 Acq: 04 Sep 2019 11:45

Tgt Ion:149 Resp: 2779906  
 Ion Ratio Lower Upper  
 149 100  
 167 28.4 22.4 33.6  
 279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 50.315 ng

RT: 14.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA\_P

ClientSampleId :

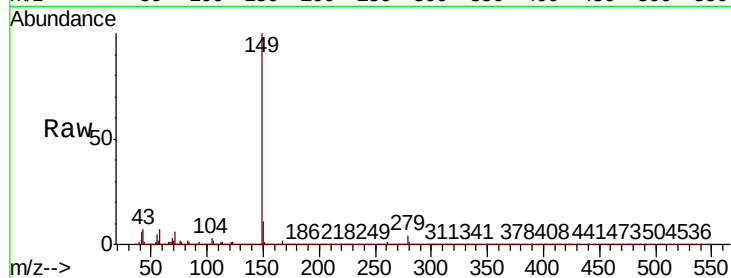
Tot Ion:149 Resp: 4932836

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

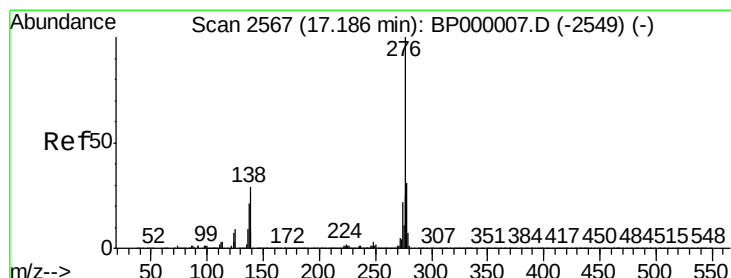
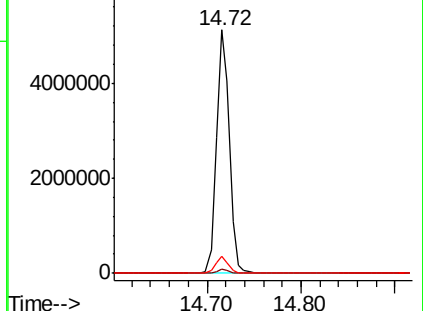
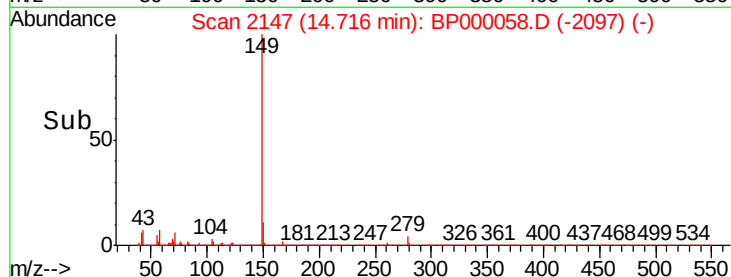
43 6.9 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.314 ng

RT: 17.19 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

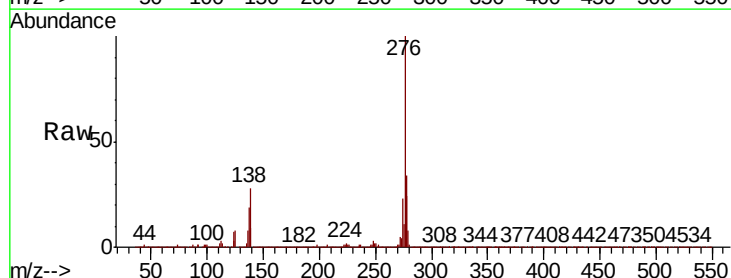
Tgt Ion:276 Resp: 5040011

Ion Ratio Lower Upper

276 100

138 31.0 26.5 39.7

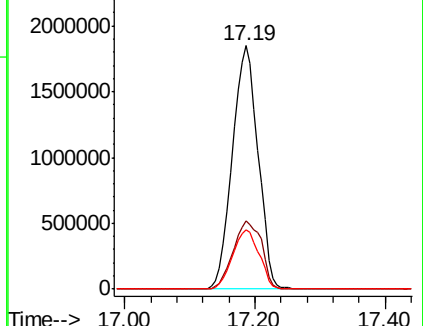
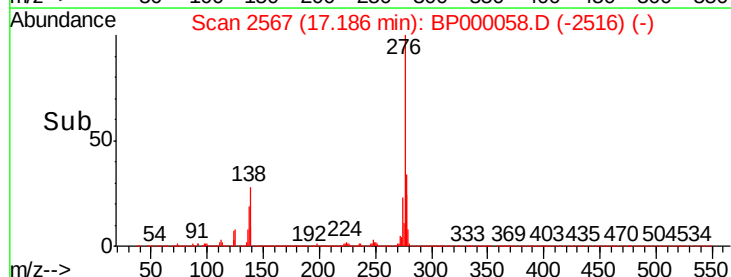
277 25.4 20.3 30.5

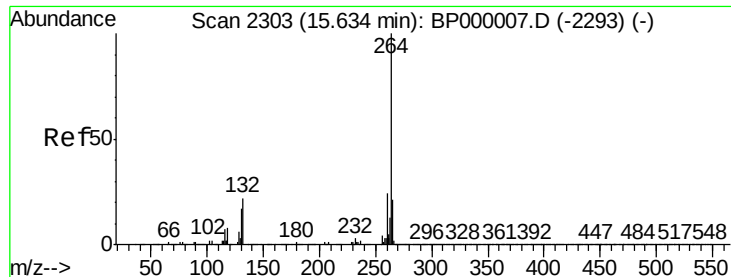


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

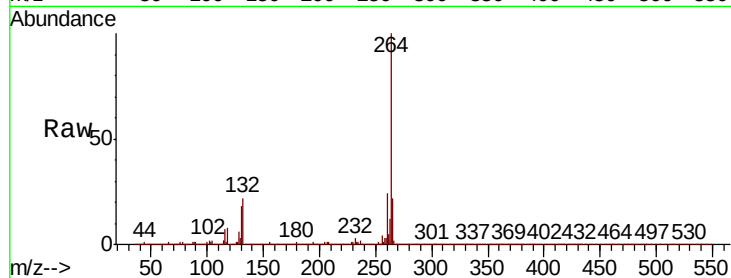
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:264 Resp: 1462367

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 19.1  | 28.7  |
| 265 | 21.8  | 17.1  | 25.7  |

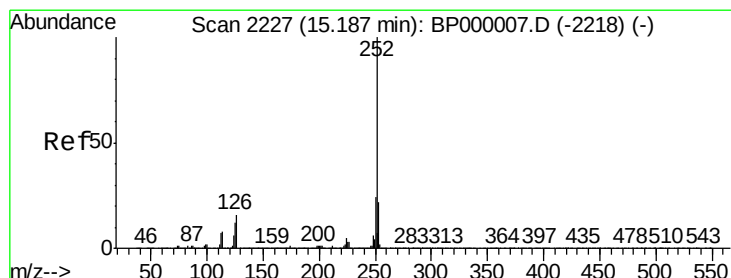
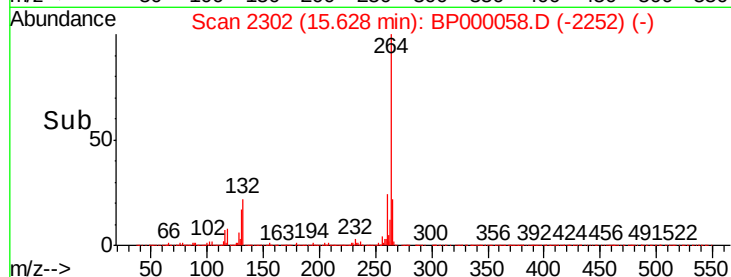
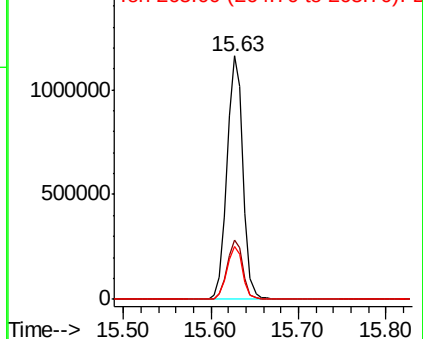


Abundance

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: 48.362 ng

RT: 15.18 min Scan# 2226

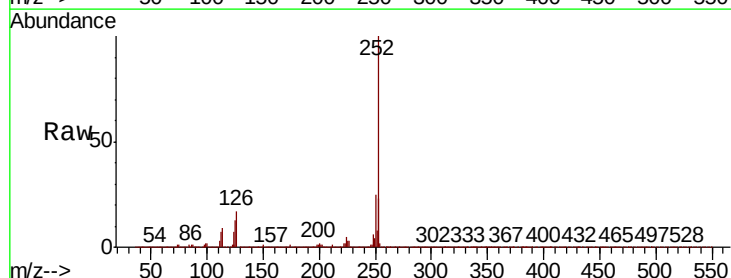
Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:252 Resp: 4319919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.8  | 26.6  |
| 125 | 12.8  | 9.4   | 14.2  |

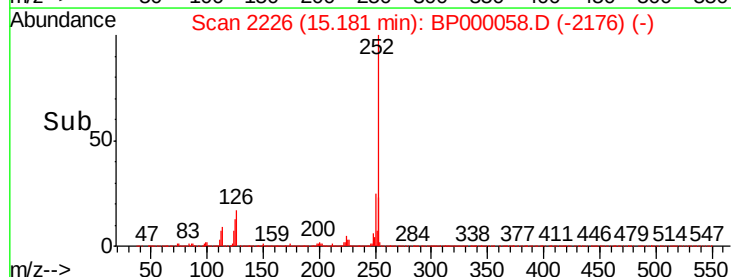
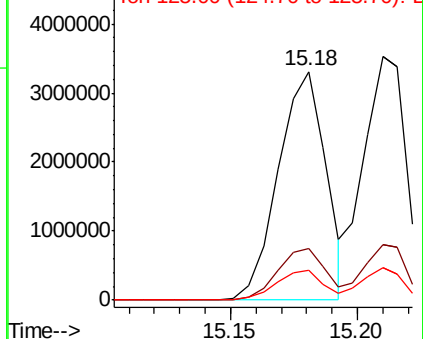


Abundance

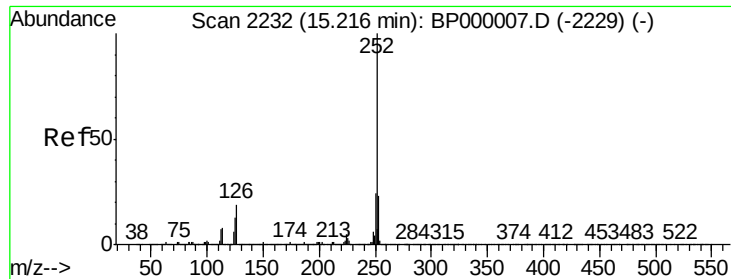
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



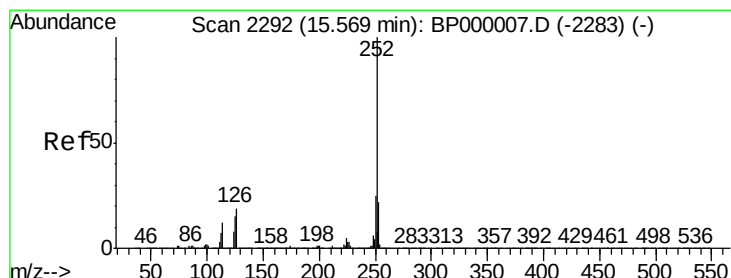
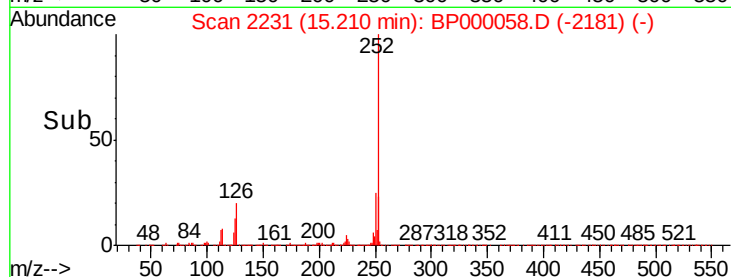
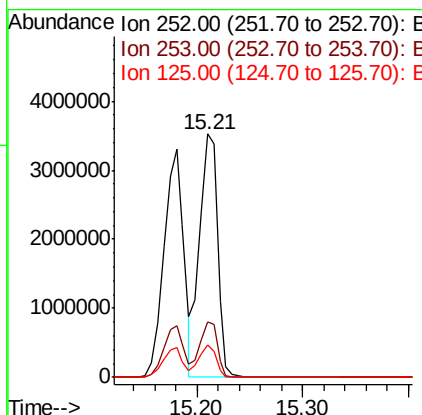
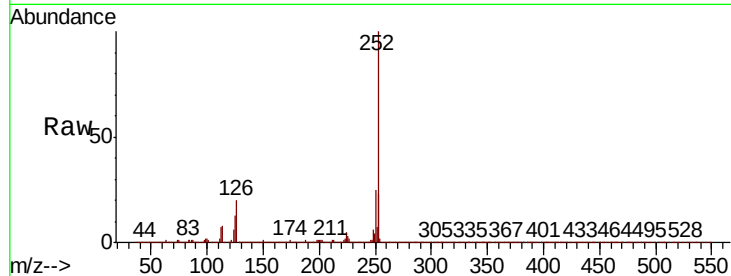




#89  
Benzo(k)fluoranthene  
Concen: 50.879 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. -0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

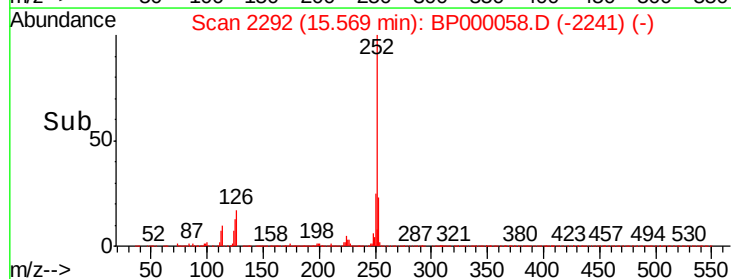
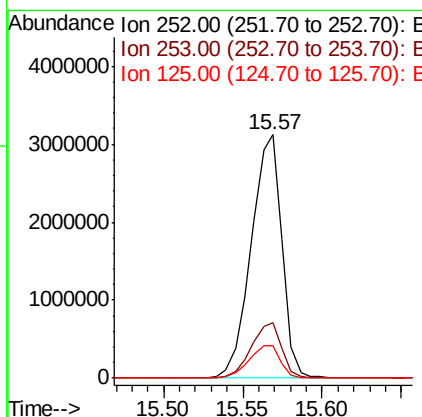
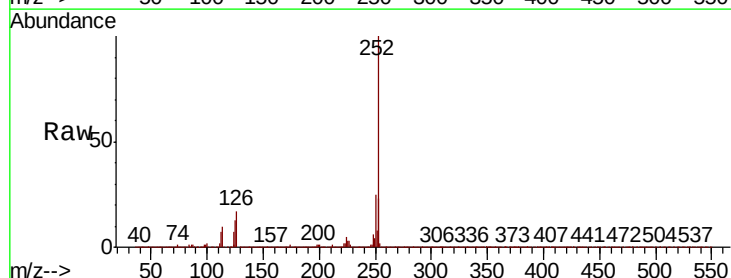
Instrument :  
BNA\_P  
ClientSampleId :

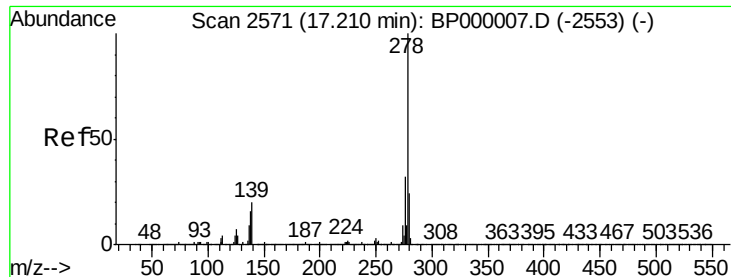
Tot Ion:252 Resp: 4158949  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 13.4 10.3 15.5



#90  
Benzo(a)pyrene  
Concen: 52.158 ng  
RT: 15.57 min Scan# 2292  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:252 Resp: 4205685  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.5 26.3  
125 13.3 11.7 17.5



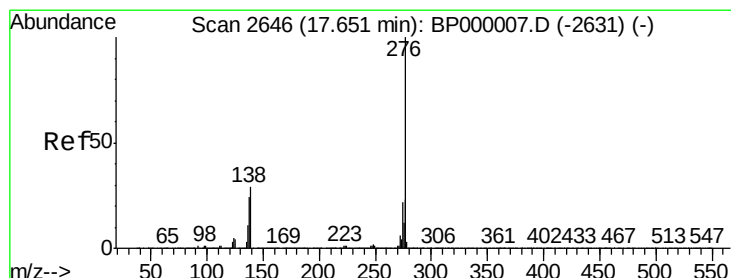
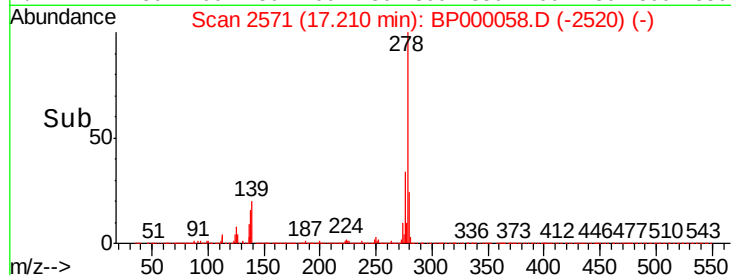
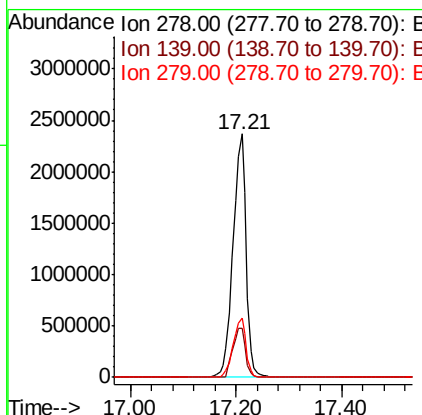
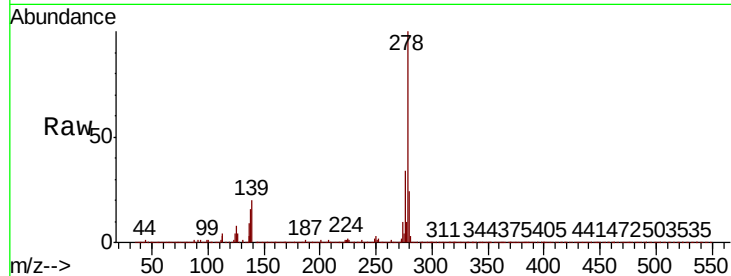


#91  
Dibenzo(a,h)anthracene  
Concen: 50.891 ng  
RT: 17.21 min Scan# 2571  
Delta R.T. -0.00 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:278 Resp: 4103646  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 20.3  | 16.4  | 24.6  |
| 279 | 24.3  | 19.2  | 28.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 51.380 ng  
RT: 17.66 min Scan# 2647  
Delta R.T. 0.01 min  
Lab File: BP000058.D  
Acq: 04 Sep 2019 11:45

Tgt Ion:276 Resp: 4100719  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 18.6  | 28.0  |
| 138 | 26.9  | 23.0  | 34.4  |

