

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\  
 Data File : BP002992.D  
 Acq On : 14 Aug 2020 19:19  
 Operator : CG/JU  
 Sample : L3662-10 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 17 01:09:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 11 17:14:14 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 444107   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.47 | 136  | 1563983  | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.33 | 164  | 709805   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.10 | 188  | 875176   | 20.00 | ng    | 0.01     |
| 76) Chrysene-d12          | 21.19 | 240  | 1414951  | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 23.44 | 264  | 1960538  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.30  | 112  | 942354   | 32.48 | ng    | 0.00     |
| 7) Phenol-d6                | 6.86  | 99   | 1128402  | 28.01 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.83  | 82   | 721226   | 24.98 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.83 | 330  | 314566   | 35.66 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.95 | 172  | 1656411  | 31.88 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.68 | 244  | 1402530  | 19.84 | ng    | 0.01     |

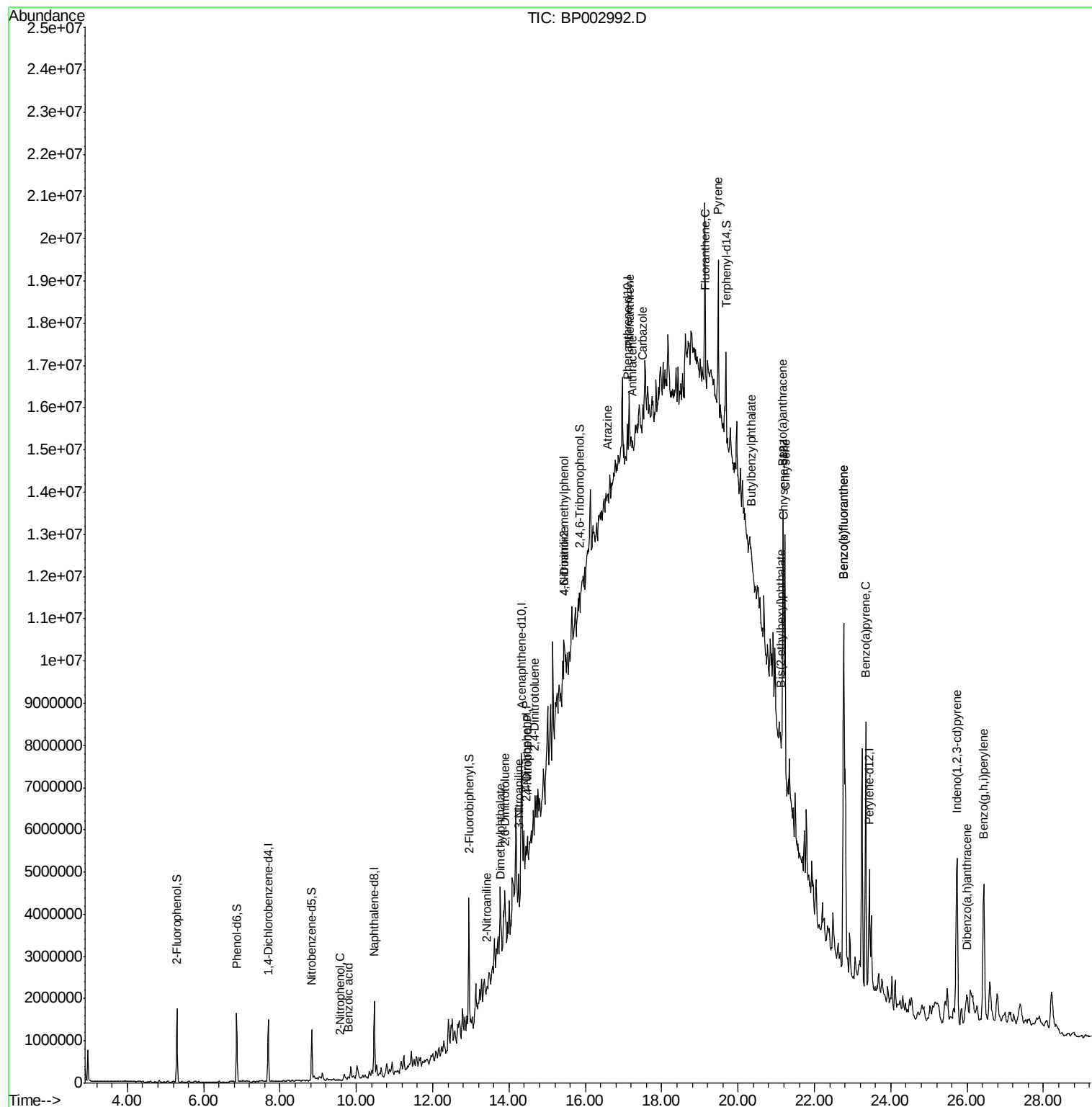
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 26) 2-Nitrophenol              | 9.58  | 139  | 260      | 4.538  | ng    | # 1    |
| 32) Benzoic acid               | 9.78  | 122  | 5902     | 8.027  | ng    | # 81   |
| 48) 2-Nitroaniline             | 13.42 | 65   | 693      | 4.027  | ng    | # 65   |
| 50) Dimethylphthalate          | 13.79 | 163  | 219651   | 3.957  | ng    | # 81   |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 176699   | 16.166 | ng    | # 41   |
| 53) 3-Nitroaniline             | 14.26 | 138  | 38349    | 5.993  | ng    | # 22   |
| 54) 2,4-Dinitrophenol          | 14.44 | 184  | 2121     | 8.419  | ng    | # 1    |
| 56) 4-Nitrophenol              | 14.49 | 139  | 25055    | 2.545  | ng    | # 1    |
| 57) 2,4-Dinitrotoluene         | 14.68 | 165  | 14631    | 4.623  | ng    | # 56   |
| 62) 4-Nitroaniline             | 15.43 | 138  | 7117     | 2.941  | ng    | # 1    |
| 65) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 15852    | 9.877  | ng    | # 1    |
| 69) Atrazine                   | 16.57 | 200  | 56516    | 5.755  | ng    | # 1    |
| 71) Phenanthrene               | 17.15 | 178  | 1165977  | 22.720 | ng    | # 84   |
| 72) Anthracene                 | 17.23 | 178  | 266370   | 5.311  | ng    | # 45   |
| 73) Carbazole                  | 17.50 | 167  | 280690   | 5.730  | ng    | # 49   |
| 75) Fluoranthene               | 19.13 | 202  | 4048424  | 68.468 | ng    | 92     |
| 78) Pyrene                     | 19.48 | 202  | 3834341  | 38.764 | ng    | 98     |
| 80) Butylbenzylphthalate       | 20.35 | 149  | 14008    | 3.384  | ng    | # 60   |
| 81) Benzo(a)anthracene         | 21.17 | 228  | 3050456  | 31.650 | ng    | 99     |
| 83) Chrysene                   | 21.23 | 228  | 4098803  | 45.083 | ng    | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 165099   | 3.016  | ng    | # 91   |
| 87) Indeno(1,2,3-cd)pyrene     | 25.73 | 276  | 3582025  | 22.814 | ng    | 94     |
| 88) Benzo(b)fluoranthene       | 22.76 | 252  | 7351282  | 53.135 | ng    | 98     |
| 89) Benzo(k)fluoranthene       | 22.76 | 252  | 7351282  | 56.217 | ng    | 98     |
| 90) Benzo(a)pyrene             | 23.34 | 252  | 4529859  | 36.236 | ng    | 99     |
| 91) Dibenzo(a,h)anthracene     | 25.99 | 278  | 545678   | 4.083  | ng    | 94     |
| 92) Benzo(g,h,i)perylene       | 26.43 | 276  | 4030154  | 31.187 | ng    | 99     |

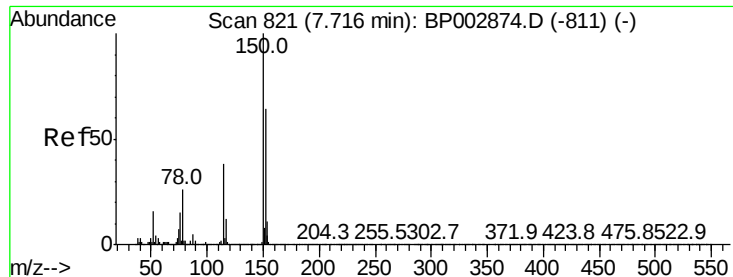
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_P  
ClientSampled :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 11 17:14:14 2020  
Response via : Initial Calibration



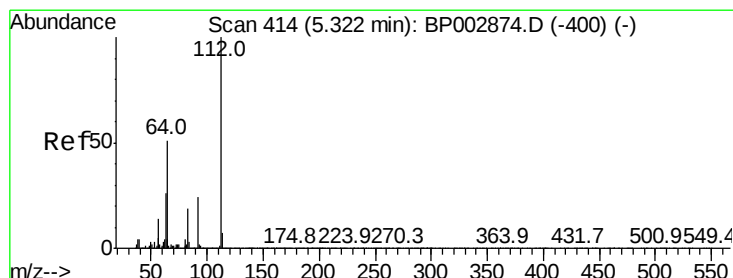
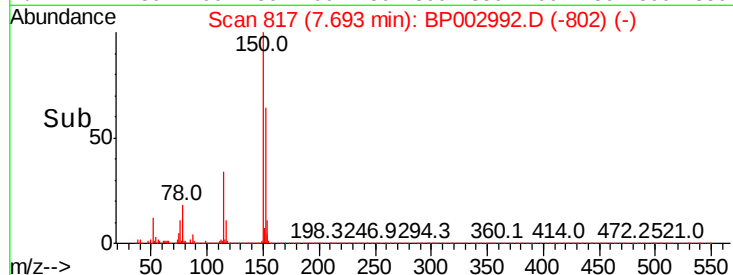
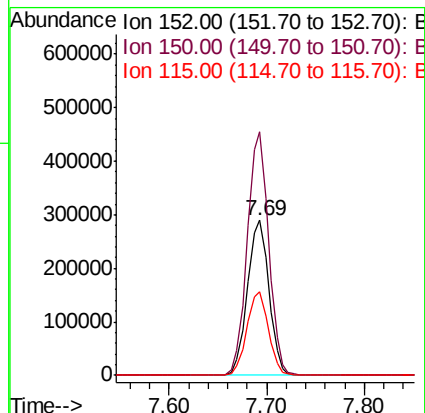
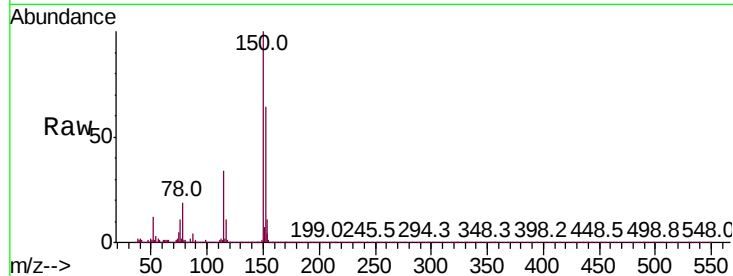


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.69 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

Instrument :  
BNA\_P  
ClientSampleId :

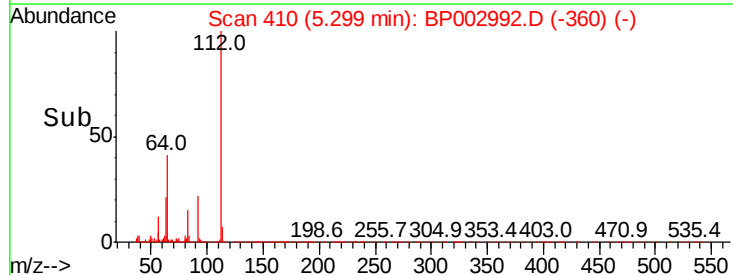
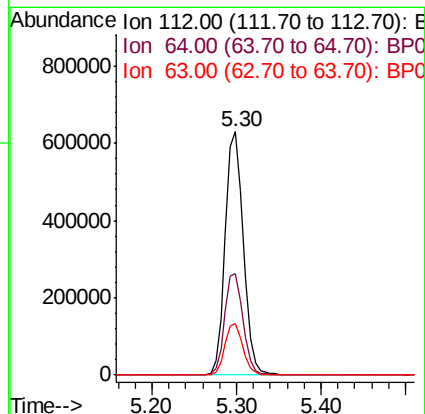
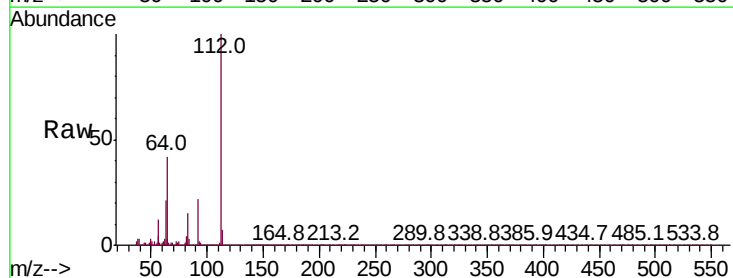
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 124.2 | 186.4 |
| 115     | 53.8  | 42.1  | 63.1  |

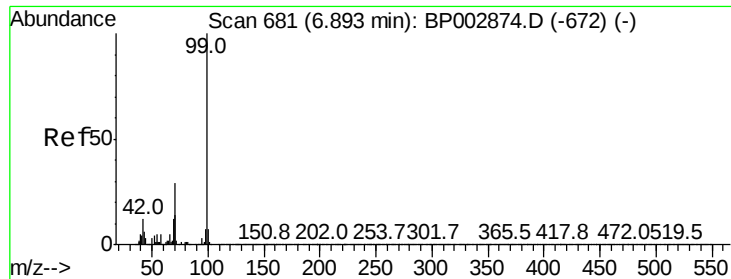


#5

2-Fluorophenol  
Concen: 32.476 ng  
RT: 5.30 min Scan# 410  
Delta R.T. -0.01 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 41.6  | 33.8  | 50.8  |
| 63      | 21.1  | 17.2  | 25.8  |





#7

Phenol-d6

Concen: 28.009 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

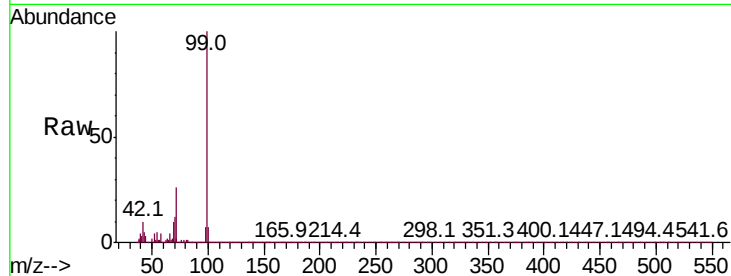
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 1128402

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 10.5  | 8.1   | 12.1  |
| 71  | 26.4  | 21.0  | 31.4  |

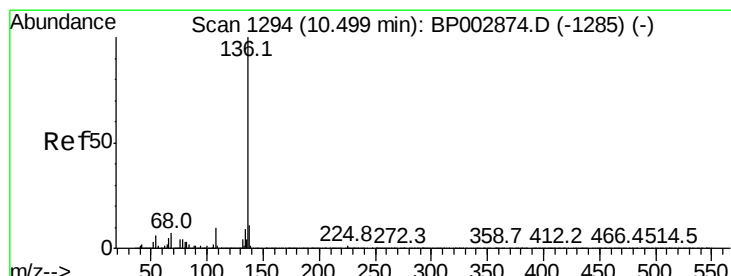
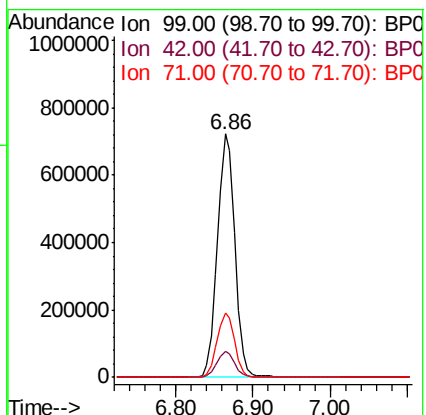
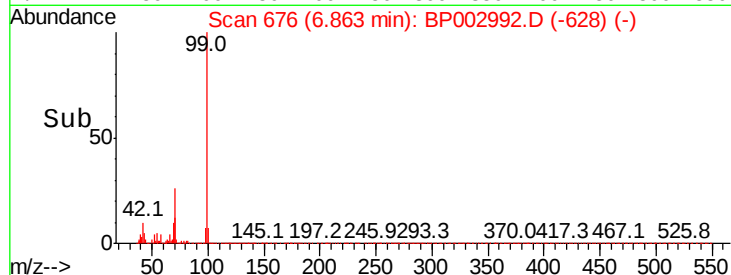


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

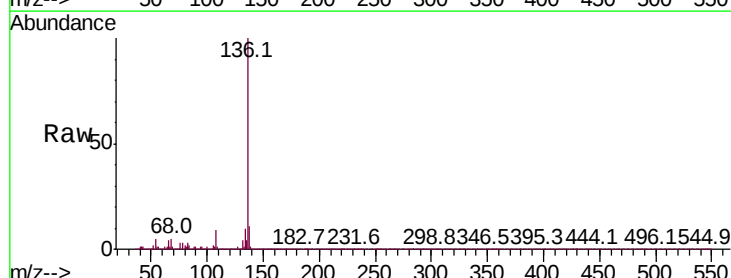
Delta R.T. -0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Tgt Ion: 136 Resp: 1563983

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.0   | 13.4  |
| 54  | 5.0   | 3.9   | 5.9   |
| 68  | 5.1   | 3.8   | 5.8   |



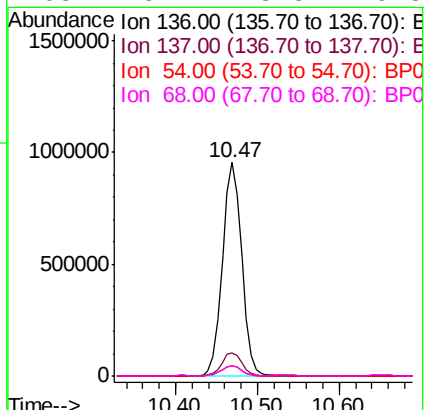
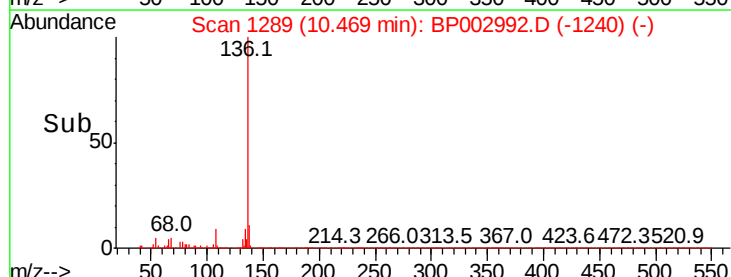
Abundance

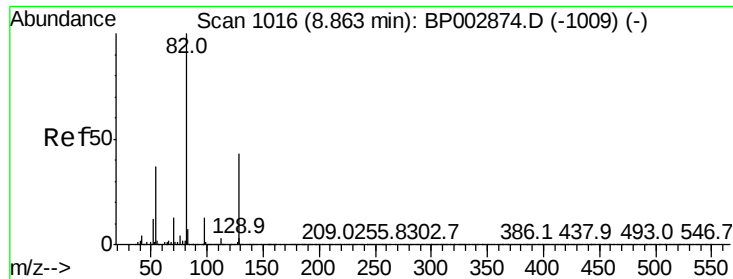
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0





#23

Nitrobenzene-d5

Concen: 24.977 ng

RT: 8.83 min Scan# 1011

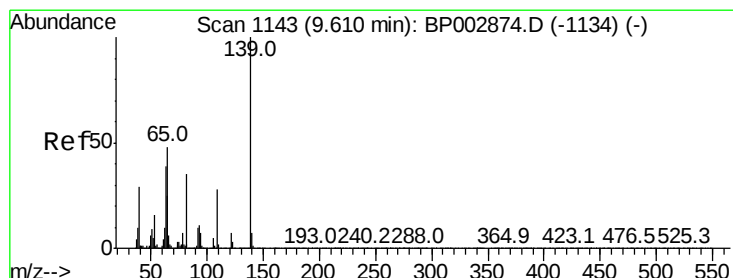
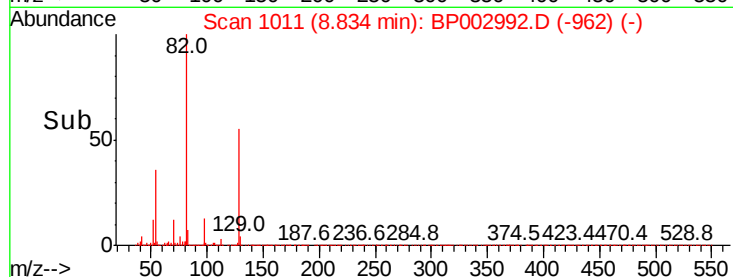
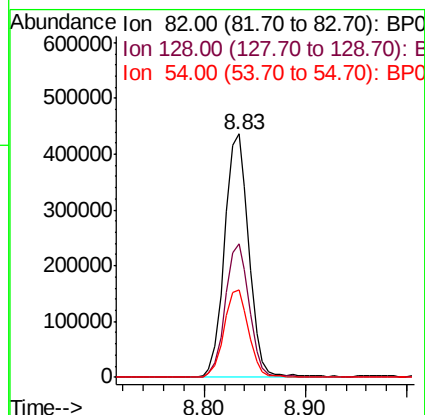
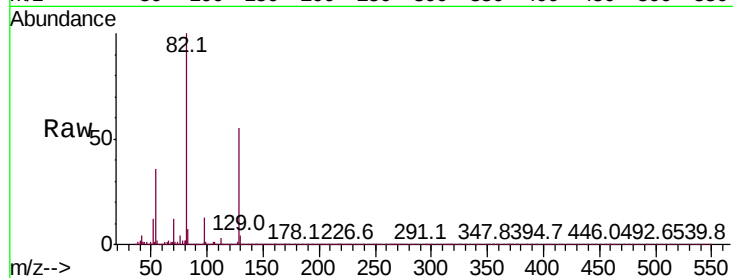
Delta R.T. -0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion   | 82   | Resp  | 721226 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 55.0 | 44.6  | 66.8   |
| 54        | 36.0 | 29.2  | 43.8   |



#26

2-Nitrophenol

Concen: 4.538 ng

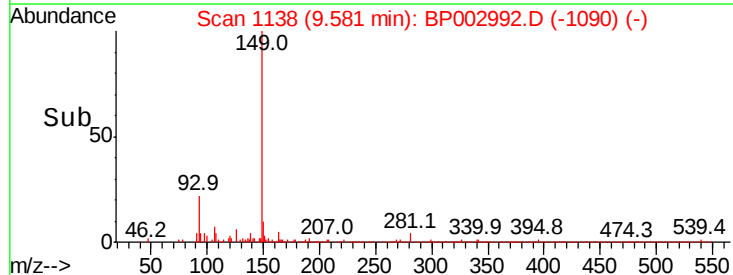
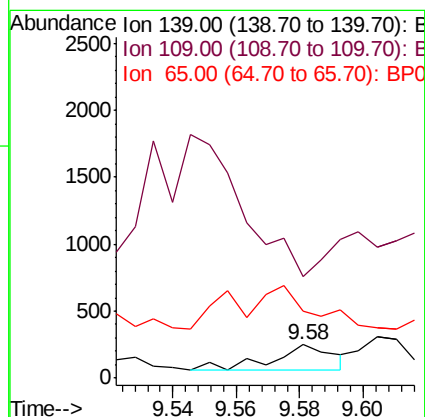
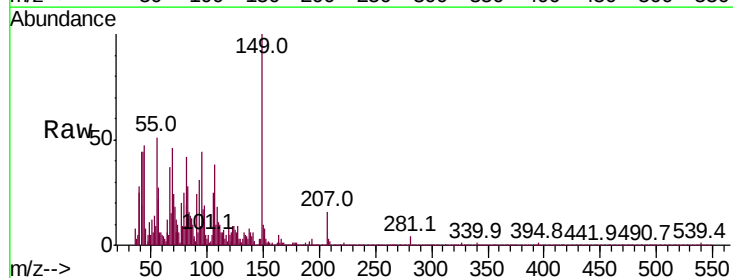
RT: 9.58 min Scan# 1138

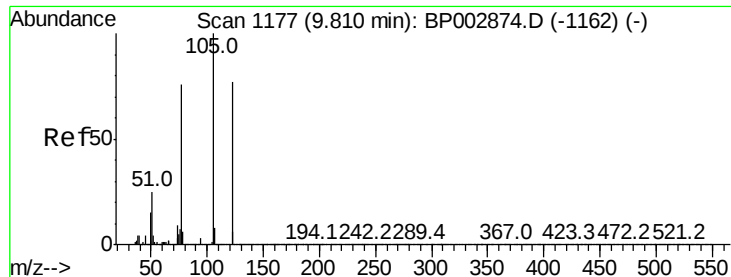
Delta R.T. -0.02 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

| Tgt Ion   | 139   | Resp  | 260   |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 109       | 305.6 | 19.5  | 29.3# |
| 65        | 202.0 | 26.6  | 40.0# |

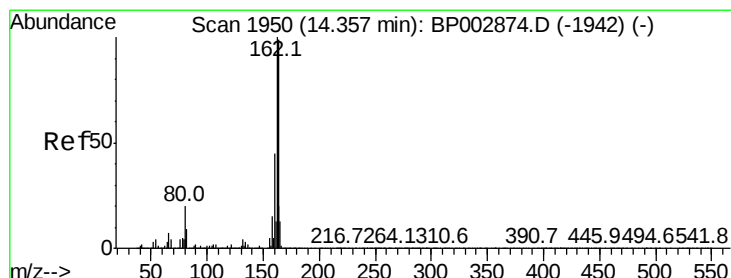
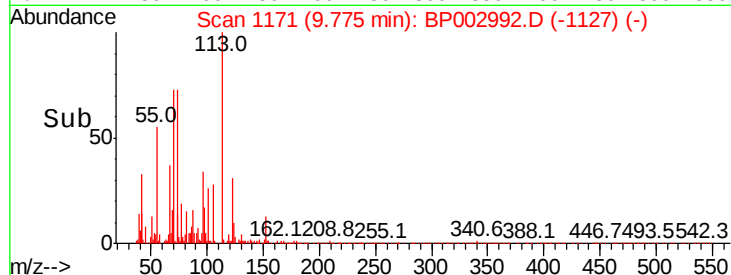
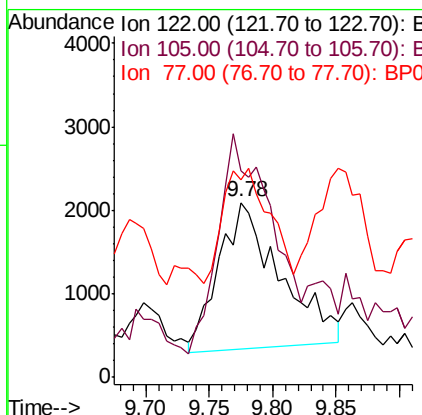
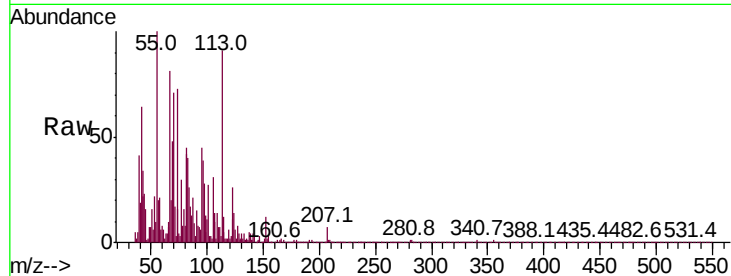




#32  
Benzoic acid  
Concen: 8.027 ng  
RT: 9.78 min Scan# 1171  
Delta R.T. -0.04 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

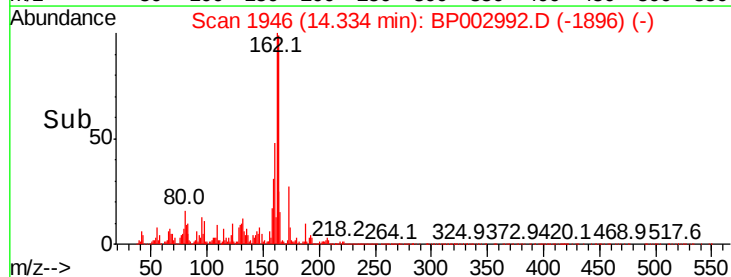
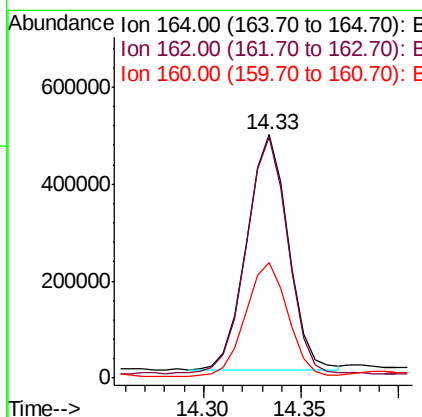
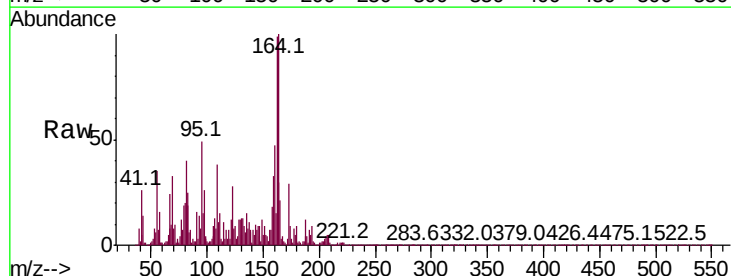
Instrument :  
BNA\_P  
ClientSampleId :

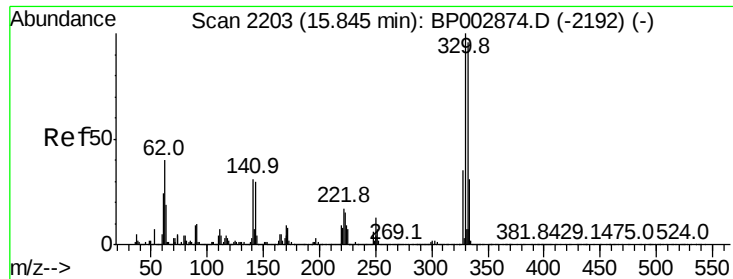
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 117.9 | 95.8  | 135.8 |
| 77      | 112.9 | 54.7  | 94.7  |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.33 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.8  | 81.0  | 121.4 |
| 160     | 47.3  | 36.2  | 54.4  |

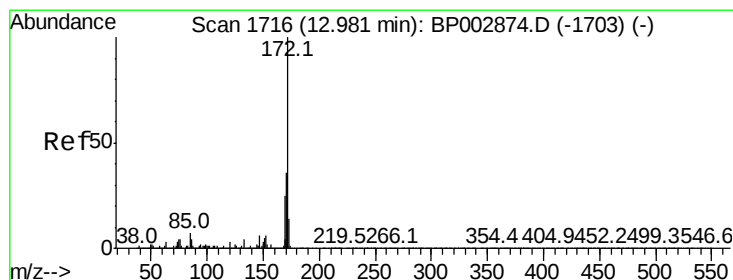
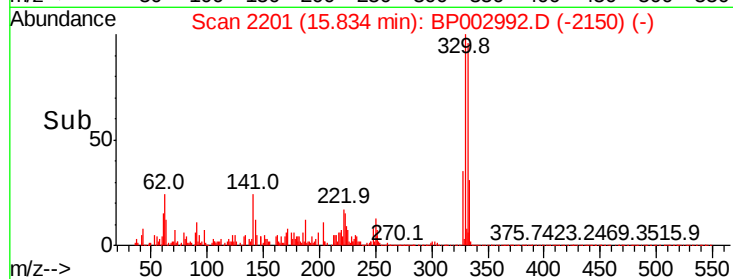
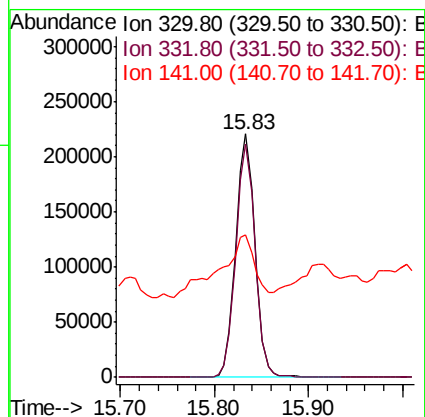
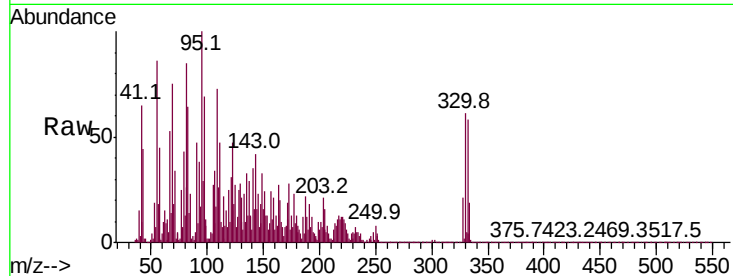




#42  
 2,4,6-Tribromophenol  
 Concen: 35.657 ng  
 RT: 15.83 min Scan# 2201  
 Delta R.T. -0.00 min  
 Lab File: BP002992.D  
 Acq: 14 Aug 2020 19:19

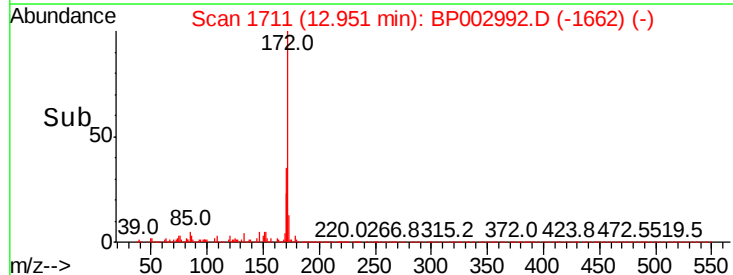
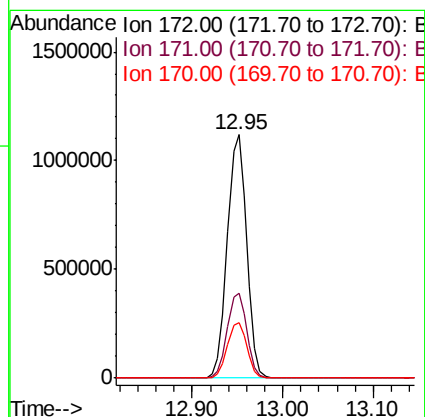
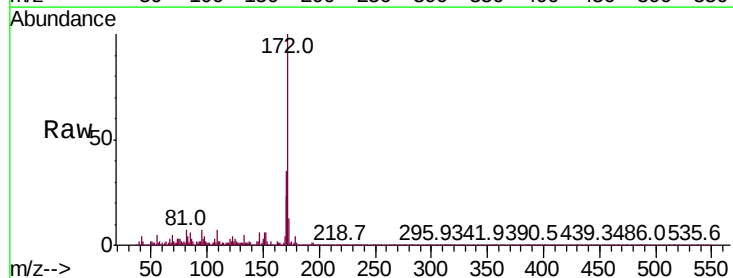
Instrument :  
 BNA\_P  
 ClientSampled :

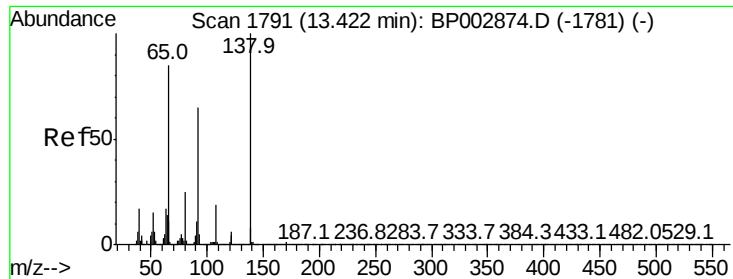
Tot Ion:330 Resp: 314566  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 77.0 115.4  
 141 46.7 28.6 43.0#



#45  
 2-Fluorobiphenyl  
 Concen: 31.884 ng  
 RT: 12.95 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BP002992.D  
 Acq: 14 Aug 2020 19:19

Tgt Ion:172 Resp: 1656411  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 29.6 44.4  
 170 22.9 19.6 29.4

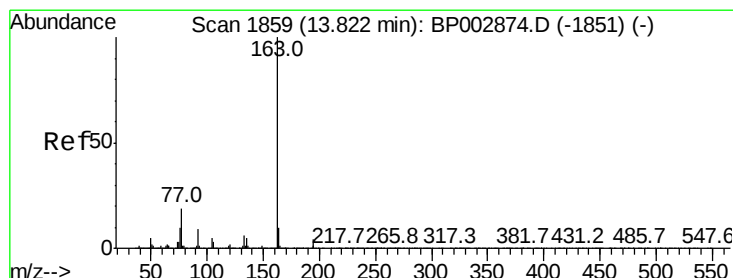
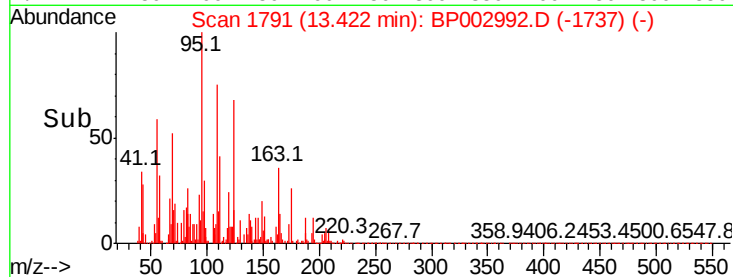
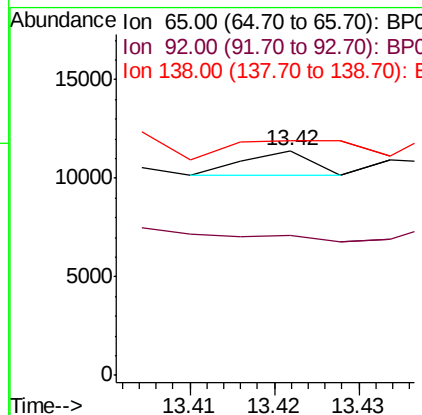
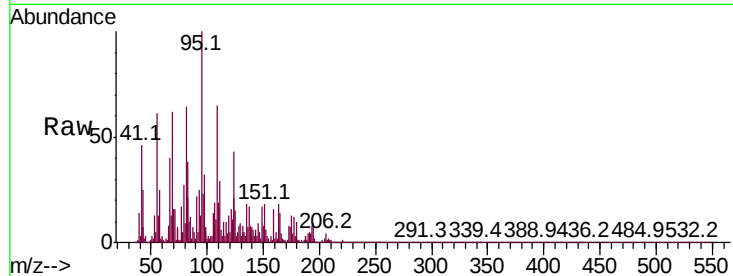




#48  
2-Nitroaniline  
Concen: 4.027 ng  
RT: 13.42 min Scan# 1791  
Delta R.T. 0.02 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

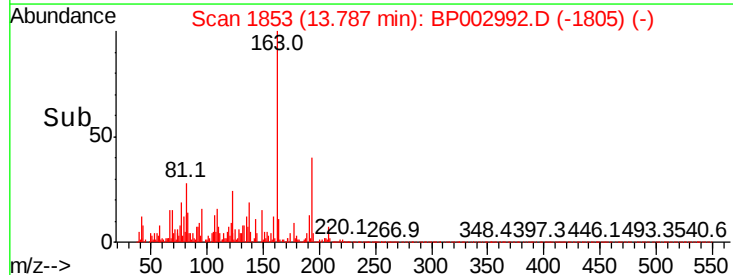
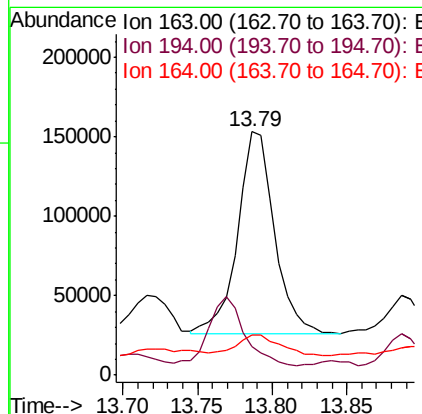
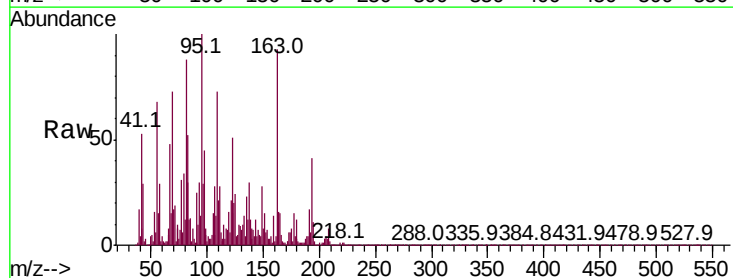
Instrument :  
BNA\_P  
ClientSampleId :

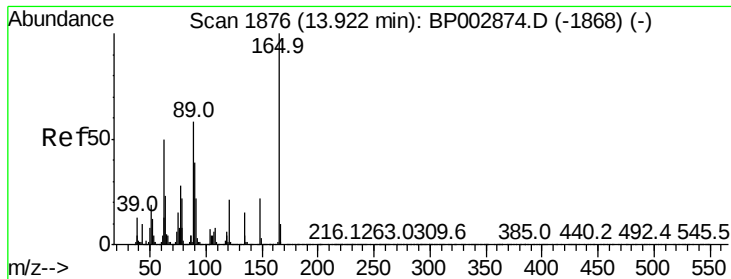
Tot Ion: 65 Resp: 693  
Ion Ratio Lower Upper  
65 100  
92 62.1 69.6 104.4#  
138 104.8 125.6 188.4#



#50  
Dimethylphthalate  
Concen: 3.957 ng  
RT: 13.79 min Scan# 1853  
Delta R.T. -0.02 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

Tgt Ion: 163 Resp: 219651  
Ion Ratio Lower Upper  
163 100  
194 11.9 3.4 5.0#  
164 16.7 8.2 12.4#





#51

2,6-Dinitrotoluene

Concen: 16.166 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Instrument :

BNA\_P

ClientSampleId :

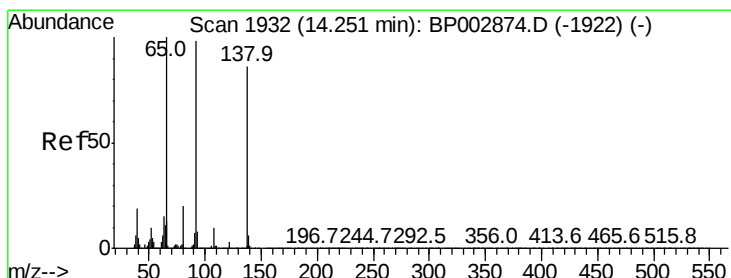
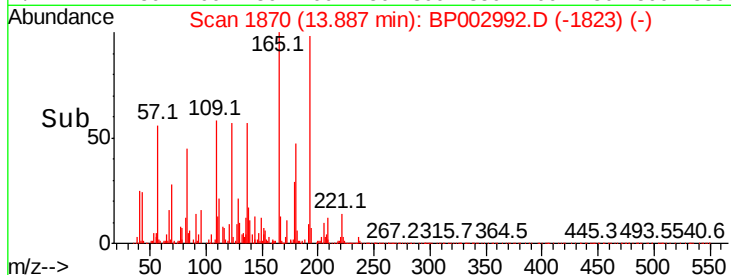
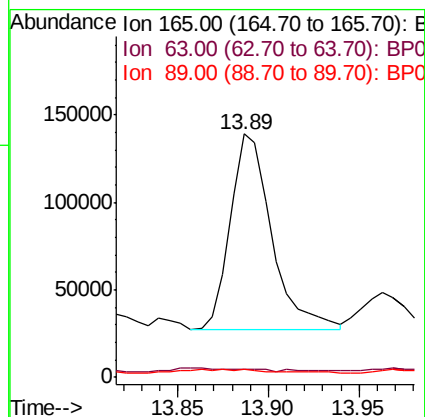
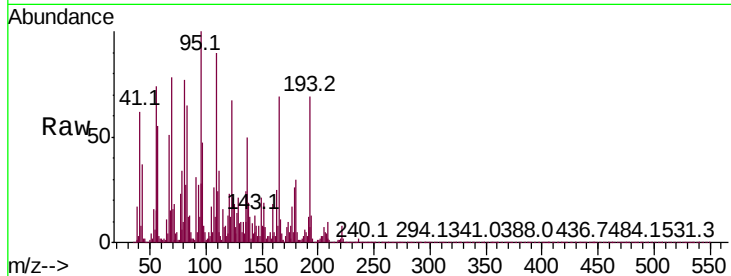
Tot Ion:165 Resp: 176699

Ion Ratio Lower Upper

165 100

63 3.1 27.5 41.3#

89 3.3 35.3 52.9#



#53

3-Nitroaniline

Concen: 5.993 ng

RT: 14.26 min Scan# 1933

Delta R.T. 0.02 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

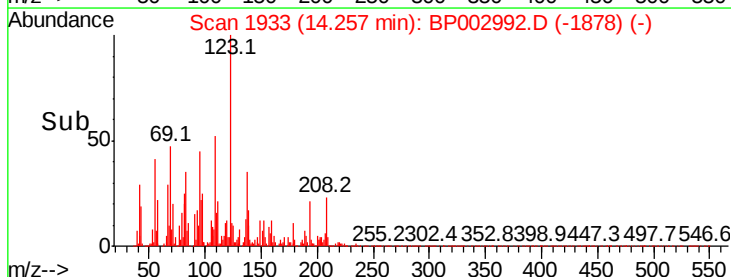
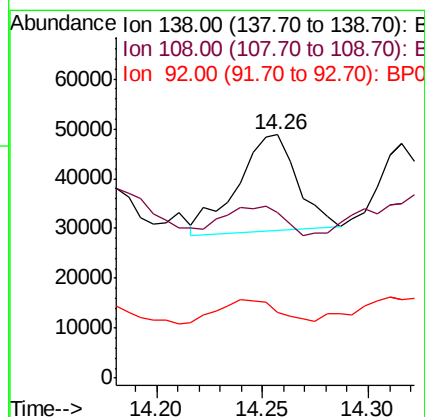
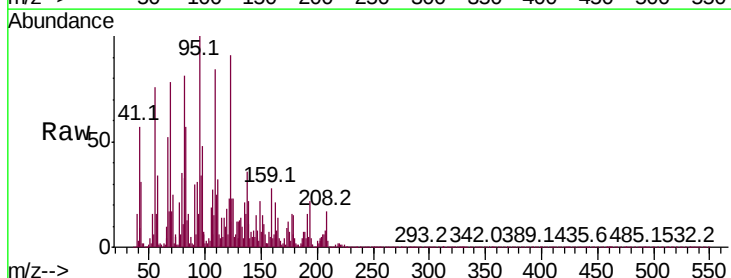
Tgt Ion:138 Resp: 38349

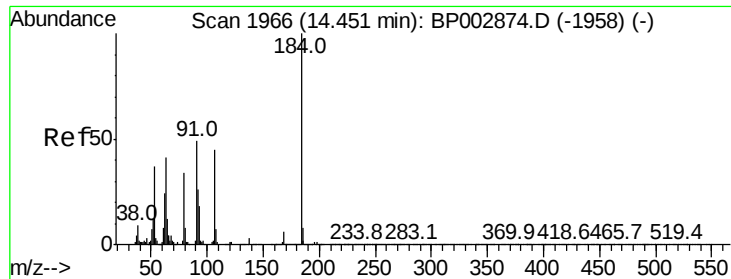
Ion Ratio Lower Upper

138 100

108 68.1 7.2 10.8#

92 27.0 75.8 113.6#

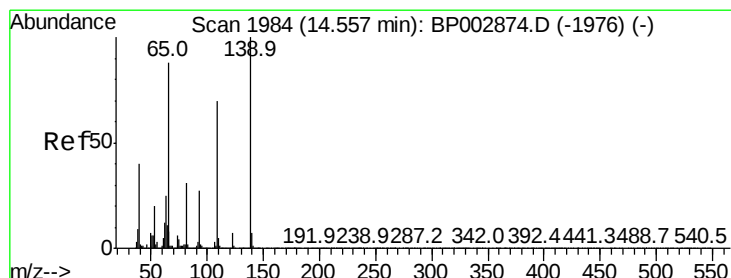
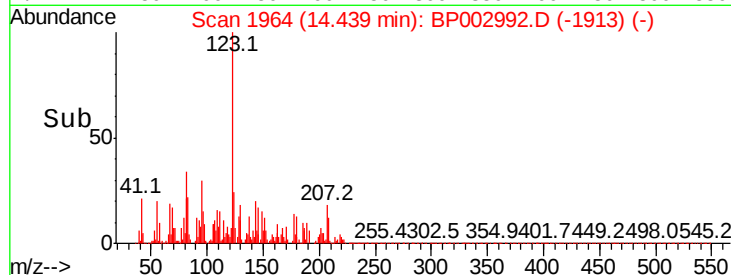
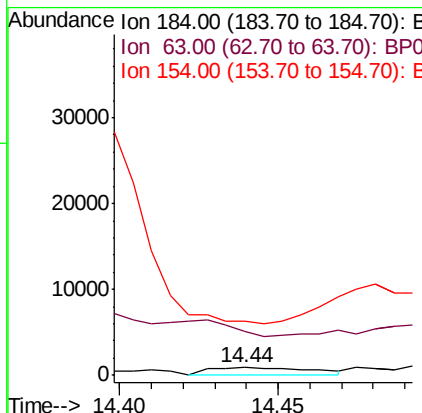
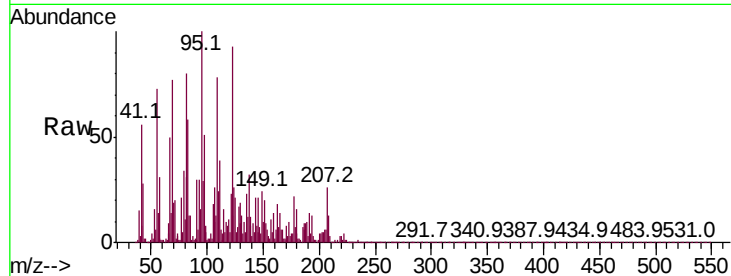




#54  
 2,4-Dinitrophenol  
 Concen: 8.419 ng  
 RT: 14.44 min Scan# 1964  
 Delta R.T. -0.00 min  
 Lab File: BP002992.D  
 Acq: 14 Aug 2020 19:19

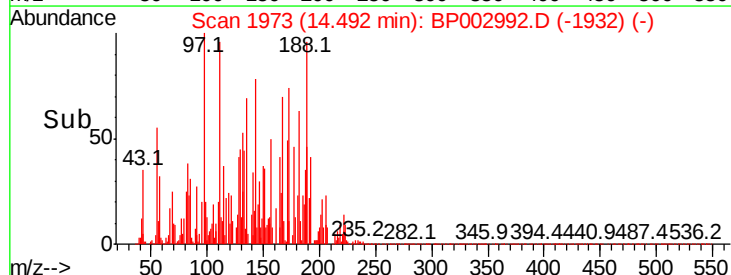
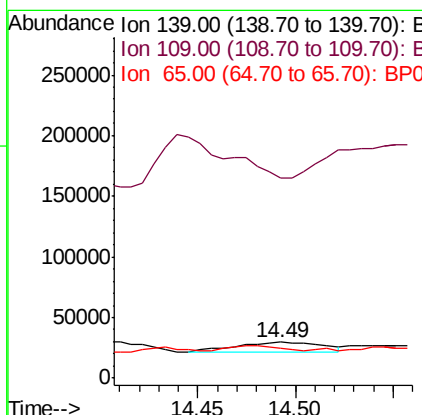
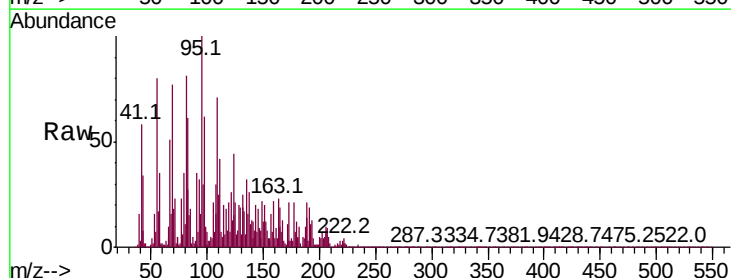
Instrument :  
 BNA\_P  
 ClientSampleId :

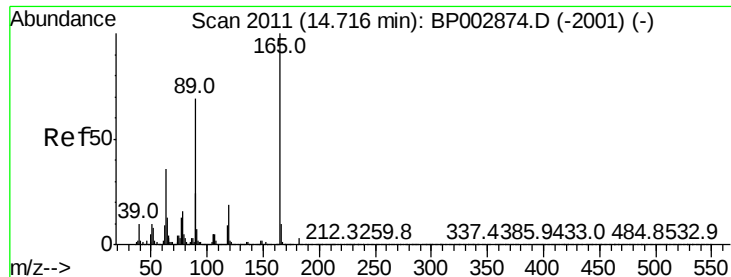
Tot Ion:184 Resp: 2121  
 Ion Ratio Lower Upper  
 184 100  
 63 568.0 36.4 54.6#  
 154 691.6 46.6 69.8#



#56  
 4-Nitrophenol  
 Concen: 2.545 ng  
 RT: 14.49 min Scan# 1973  
 Delta R.T. -0.06 min  
 Lab File: BP002992.D  
 Acq: 14 Aug 2020 19:19

Tgt Ion:139 Resp: 25055  
 Ion Ratio Lower Upper  
 139 100  
 109 556.2 37.6 77.6#  
 65 82.0 43.0 83.0

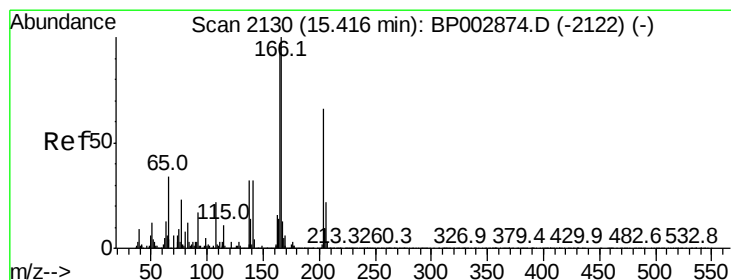
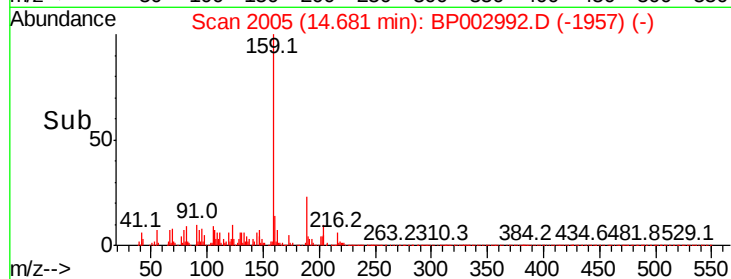
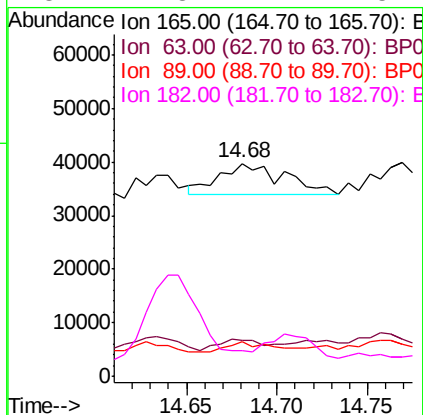
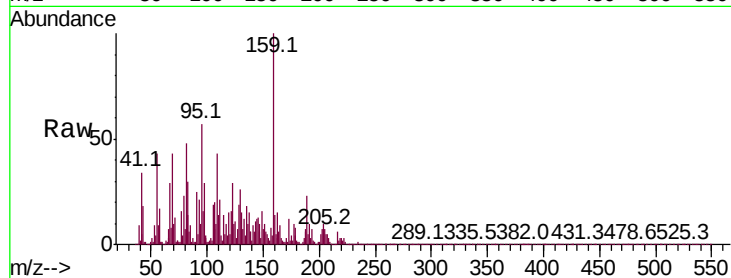




#57  
 2,4-Dinitrotoluene  
 Concen: 4.623 ng  
 RT: 14.68 min Scan# 2005  
 Delta R.T. -0.02 min  
 Lab File: BP002992.D  
 Acq: 14 Aug 2020 19:19

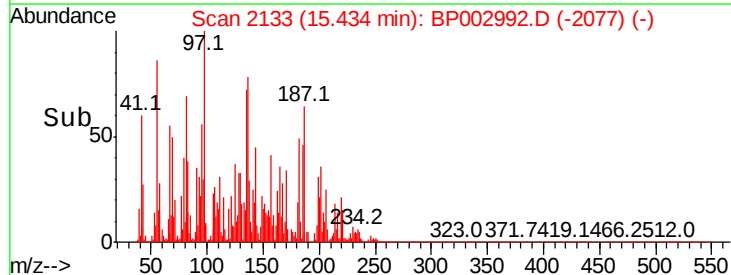
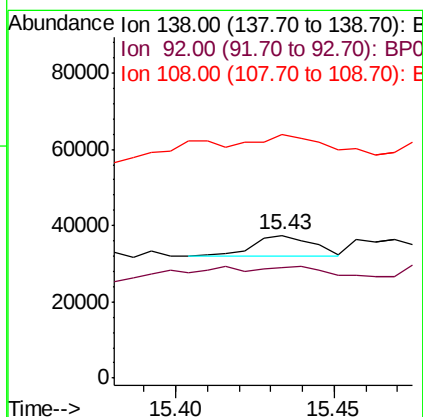
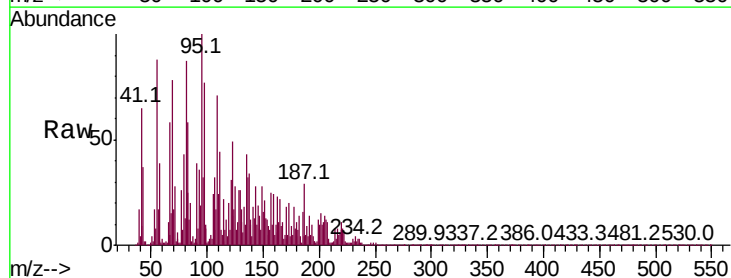
Instrument :  
 BNA\_P  
 ClientSampleId :

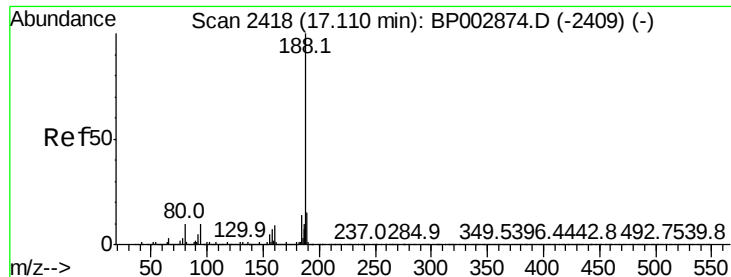
Tot Ion:165 Resp: 14631  
 Ion Ratio Lower Upper  
 165 100  
 63 16.8 22.6 34.0#  
 89 16.5 46.2 69.2#  
 182 11.8 2.2 3.4#



#62  
 4-Nitroaniline  
 Concen: 2.941 ng  
 RT: 15.43 min Scan# 2133  
 Delta R.T. 0.03 min  
 Lab File: BP002992.D  
 Acq: 14 Aug 2020 19:19

Tgt Ion:138 Resp: 7117  
 Ion Ratio Lower Upper  
 138 100  
 92 77.6 21.2 61.2#  
 108 170.3 40.5 80.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. 0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Instrument :

BNA\_P

ClientSampleId :

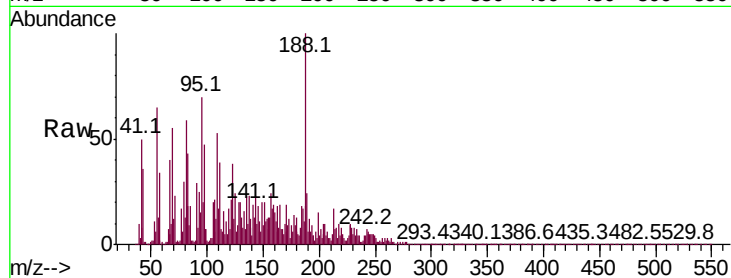
Tot Ion:188 Resp: 875176

Ion Ratio Lower Upper

188 100

94 15.3 7.0 10.6#

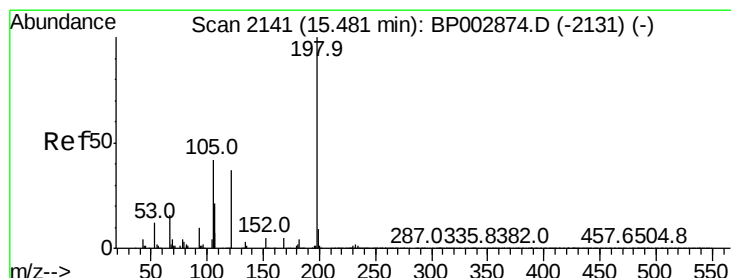
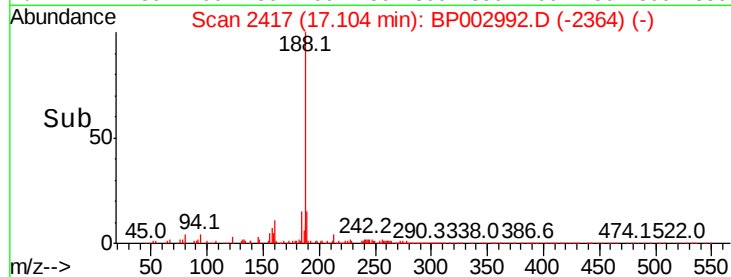
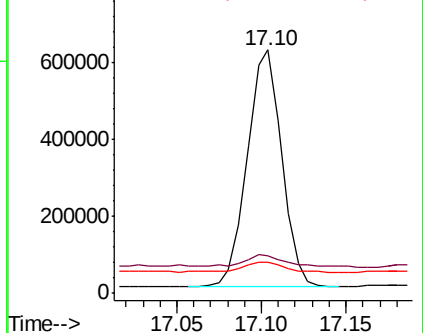
80 13.0 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 9.877 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.03 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

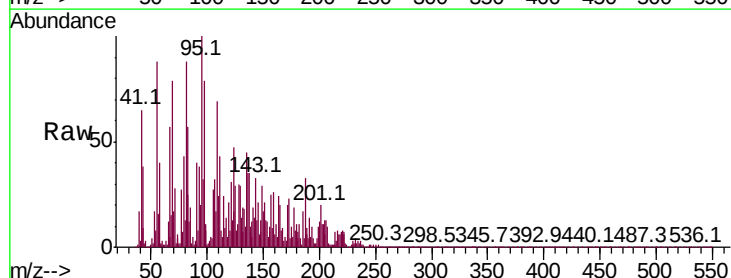
Tgt Ion:198 Resp: 15852

Ion Ratio Lower Upper

198 100

51 106.9 6.5 46.5#

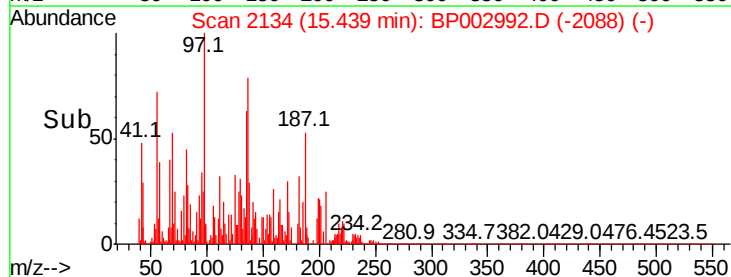
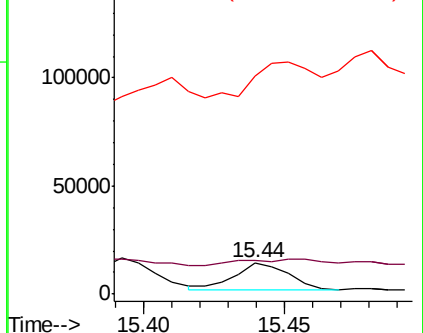
105 686.7 20.4 60.4#

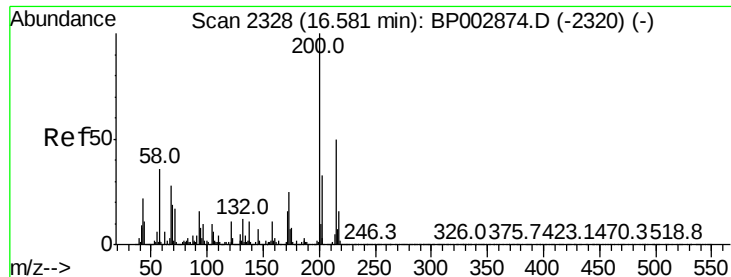


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

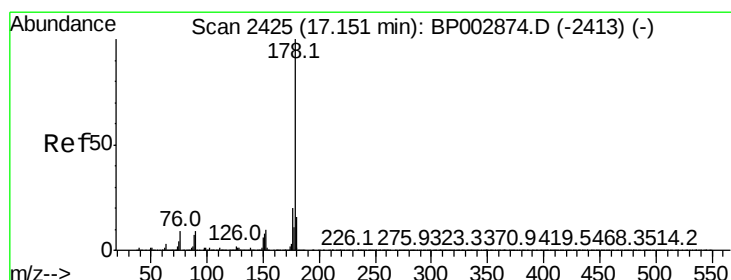
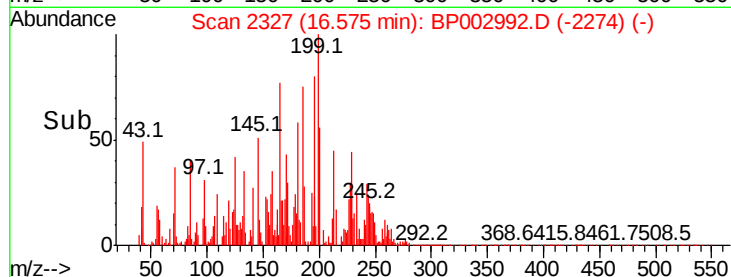
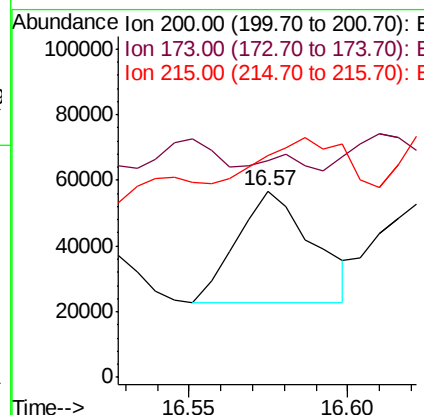
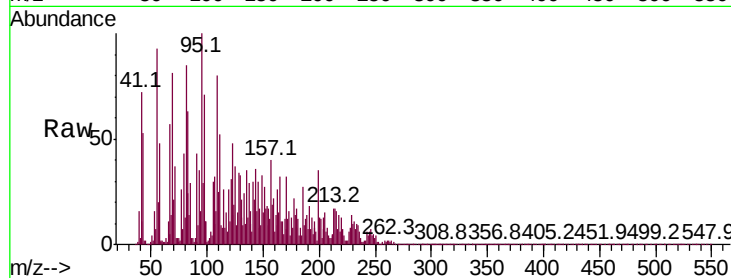




#69  
Atrazine  
Concen: 5.755 ng  
RT: 16.57 min Scan# 2327  
Delta R.T. 0.01 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

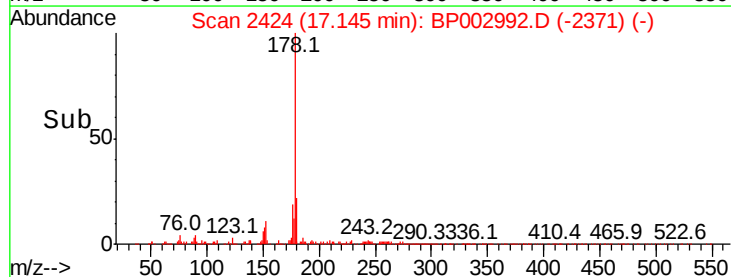
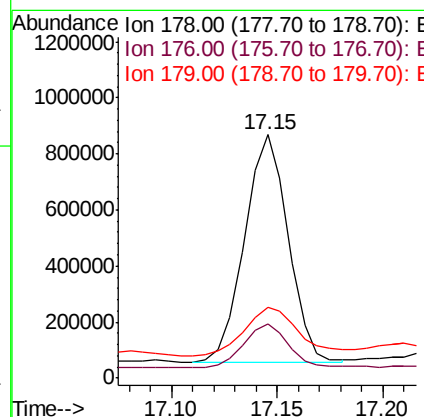
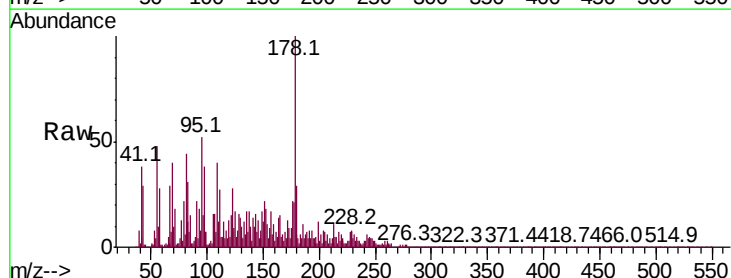
Instrument :  
BNA\_P  
ClientSampled :

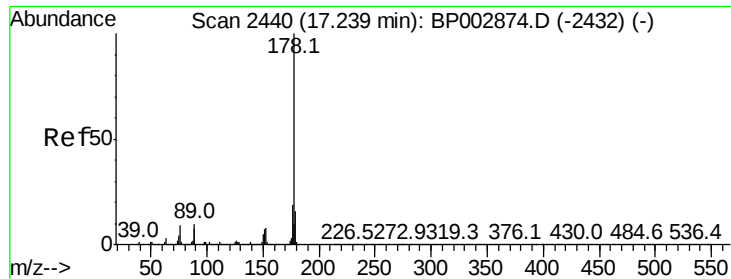
Tot Ion:200 Resp: 56516  
Ion Ratio Lower Upper  
200 100  
173 116.3 7.7 47.7#  
215 119.0 27.9 67.9#



#71  
Phenanthrene  
Concen: 22.720 ng  
RT: 17.15 min Scan# 2424  
Delta R.T. 0.01 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

Tgt Ion:178 Resp: 1165977  
Ion Ratio Lower Upper  
178 100  
176 22.2 16.2 24.2  
179 29.3 13.0 19.4#





#72

Anthracene

Concen: 5.311 ng

RT: 17.23 min Scan# 2439

Delta R.T. 0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Instrument :

BNA\_P

ClientSampleId :

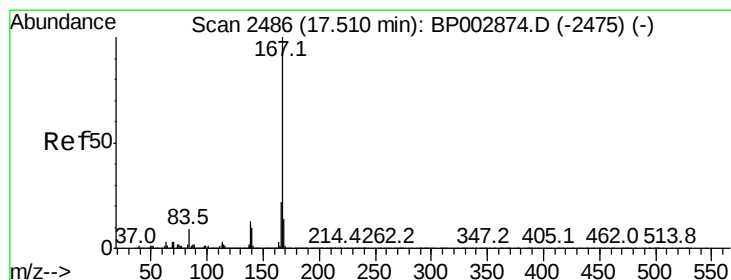
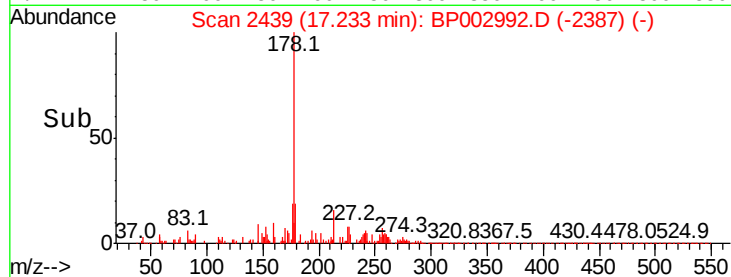
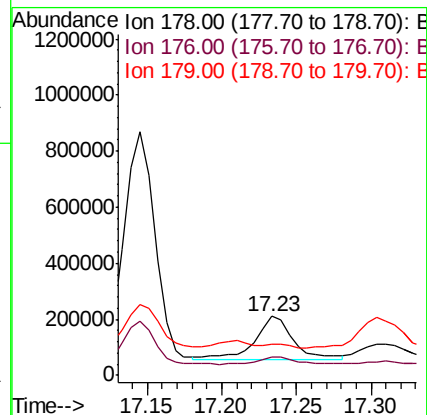
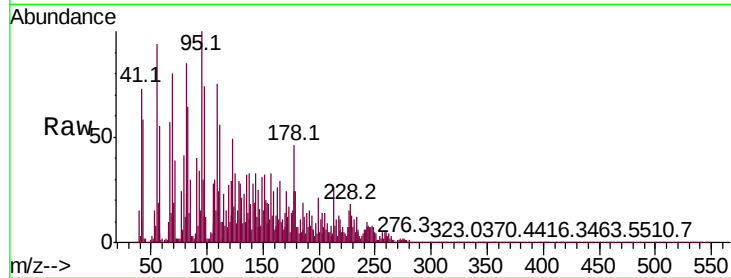
Tot Ion:178 Resp: 266370

Ion Ratio Lower Upper

178 100

176 32.1 15.4 23.2#

179 52.7 12.8 19.2#



#73

Carbazole

Concen: 5.730 ng

RT: 17.50 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

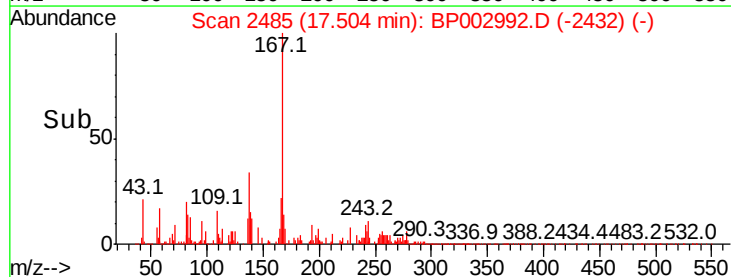
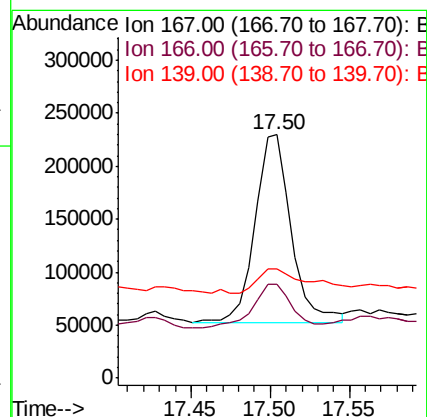
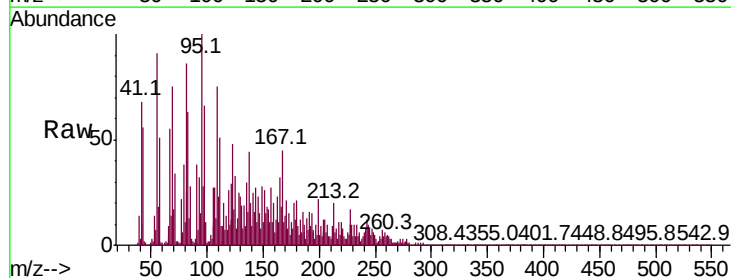
Tgt Ion:167 Resp: 280690

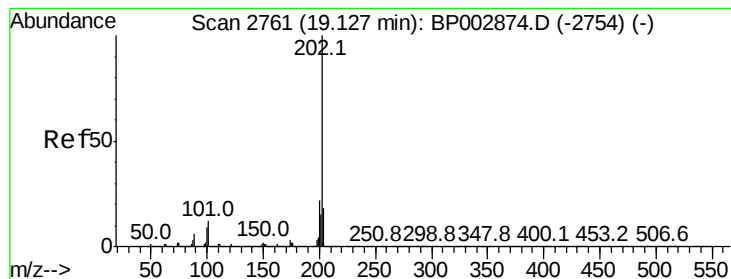
Ion Ratio Lower Upper

167 100

166 38.5 17.8 26.8#

139 44.7 10.5 15.7#





#75

Fluoranthene

Concen: 68.468 ng

RT: 19.13 min Scan# 2762

Delta R.T. 0.02 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Instrument :

BNA\_P

ClientSampleId :

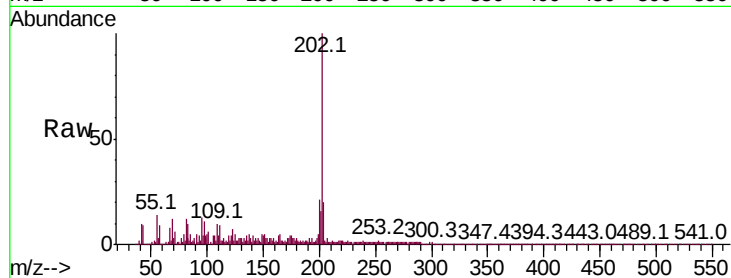
Tot Ion:202 Resp: 4048424

Ion Ratio Lower Upper

202 100

101 6.0 0.0 32.0

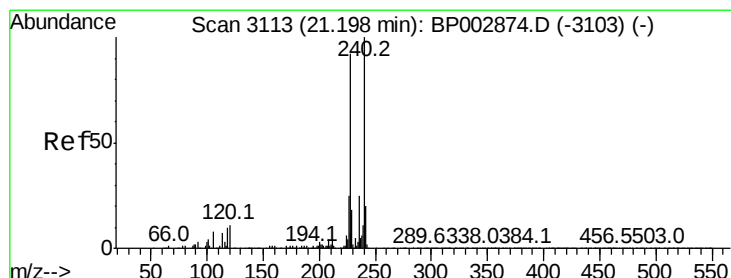
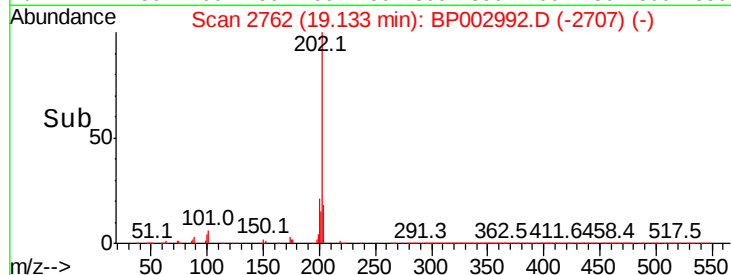
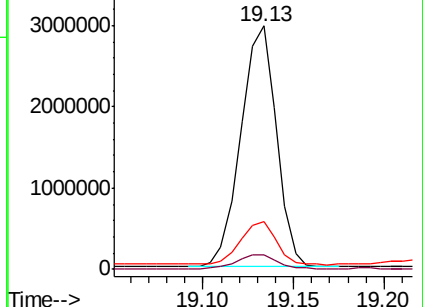
203 19.7 0.0 38.5



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: 21.19 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

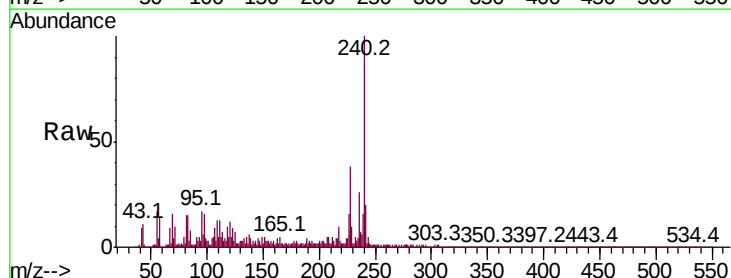
Tgt Ion:240 Resp: 1414951

Ion Ratio Lower Upper

240 100

120 11.6 10.6 16.0

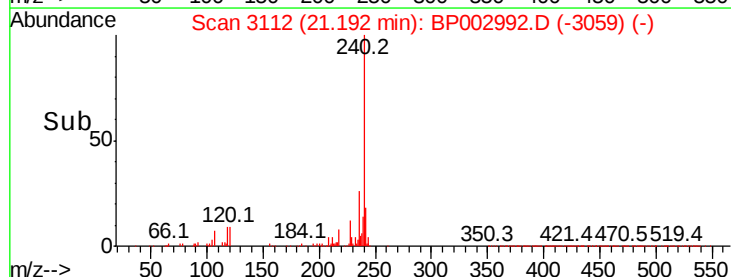
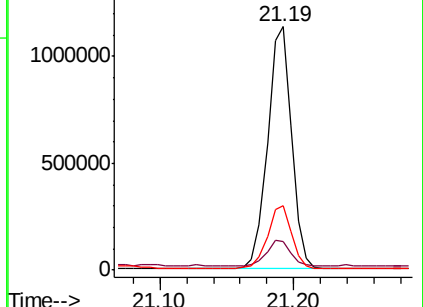
236 26.4 20.7 31.1

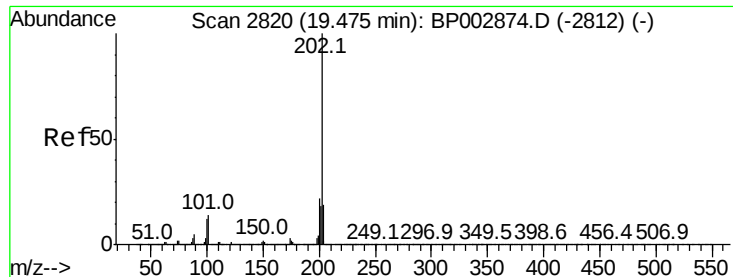


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

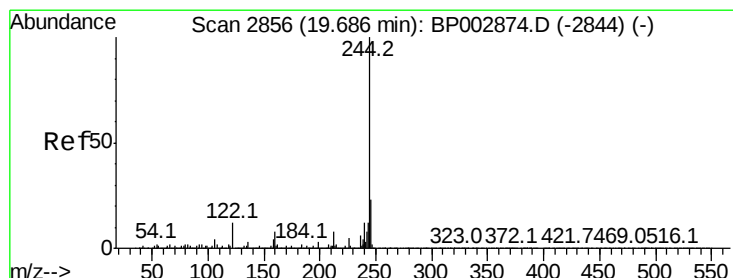
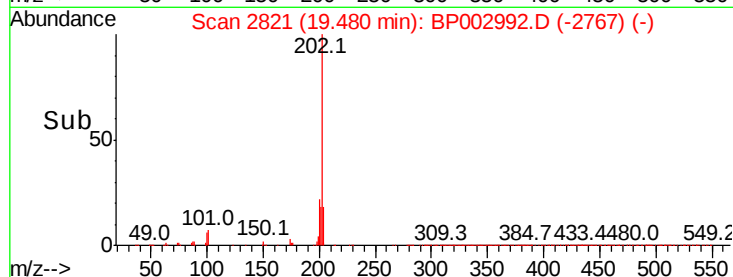
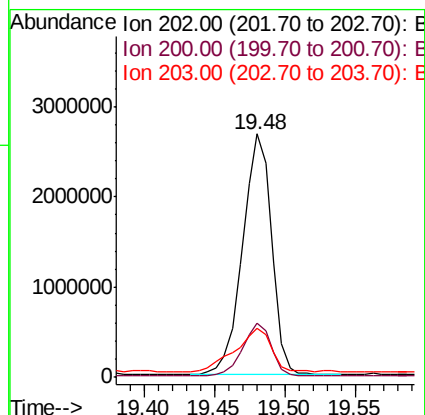
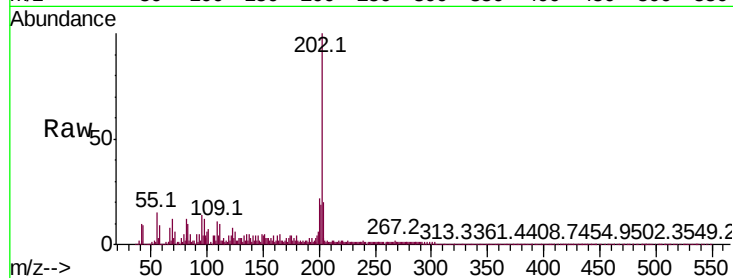




#78  
Pvrene  
Concen: 38.764 ng  
RT: 19.48 min Scan# 2821  
Delta R.T. 0.02 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

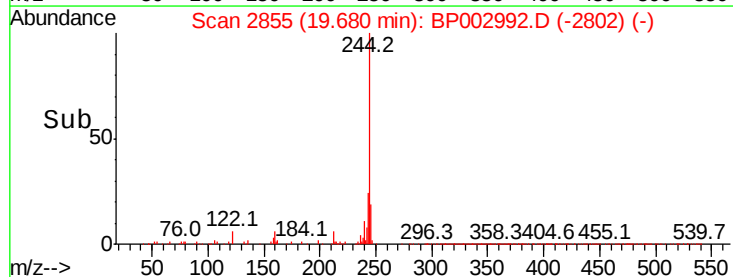
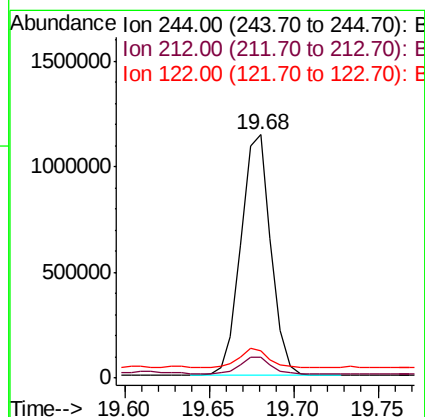
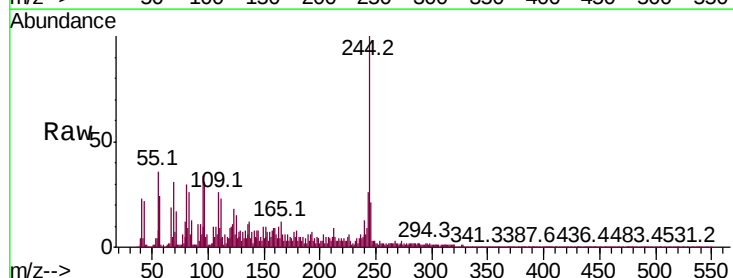
Instrument :  
BNA\_P  
ClientSampleId :

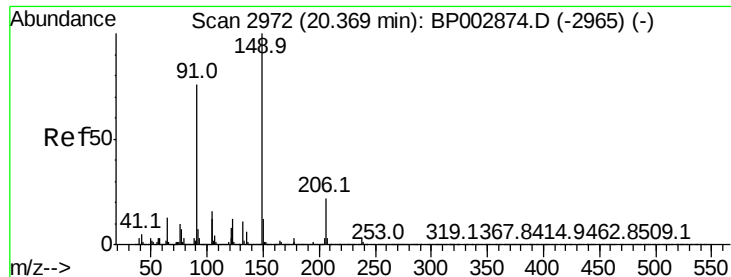
Tot Ion:202 Resp: 3834341  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.9 26.9  
203 20.0 14.8 22.2



#79  
Terphenyl-d14  
Concen: 19.844 ng  
RT: 19.68 min Scan# 2855  
Delta R.T. 0.01 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

Tgt Ion:244 Resp: 1402530  
Ion Ratio Lower Upper  
244 100  
212 8.8 6.3 9.5  
122 11.1 9.9 14.9

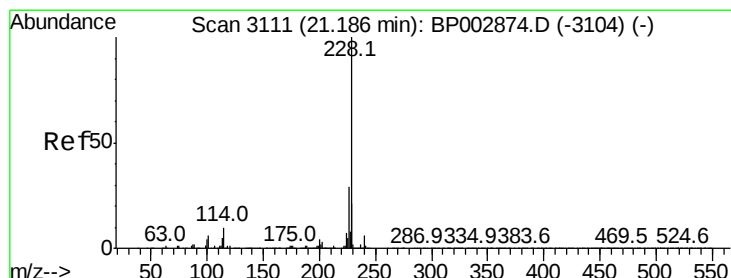
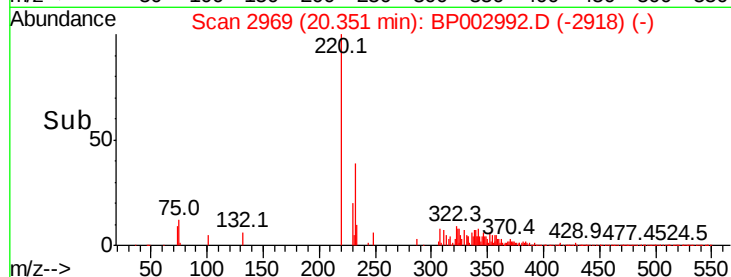
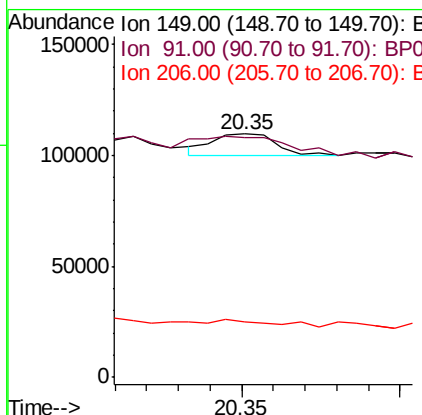
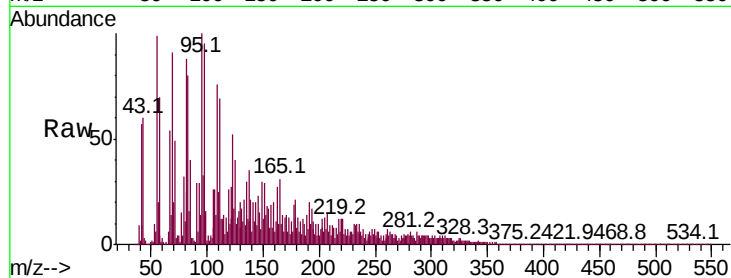




#80  
Butylbenzylphthalate  
Concen: 3.384 ng  
RT: 20.35 min Scan# 2969  
Delta R.T. -0.00 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

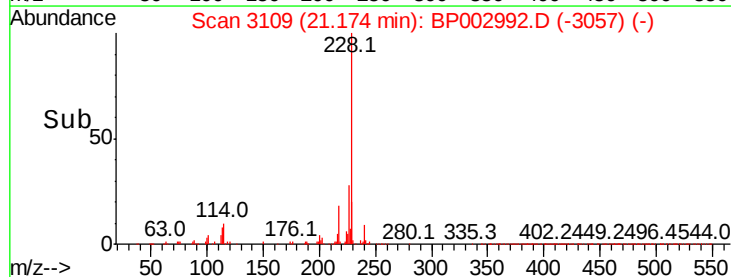
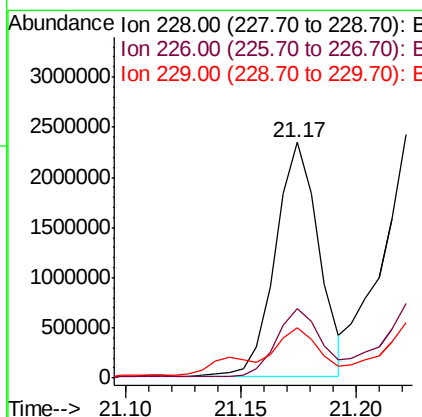
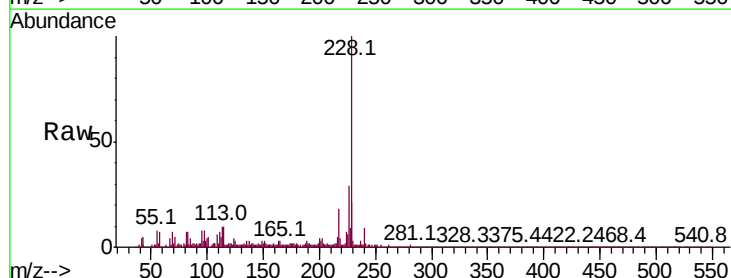
Instrument :  
BNA\_P  
ClientSampleId :

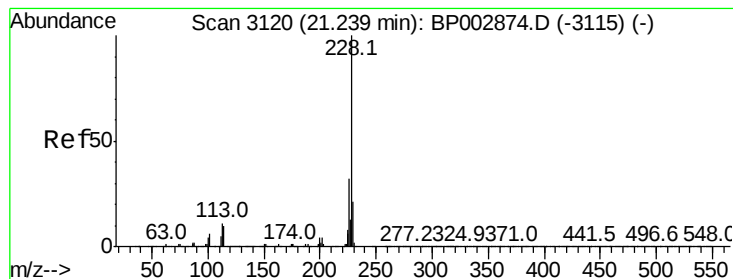
Tot Ion:149 Resp: 14008  
Ion Ratio Lower Upper  
149 100  
91 98.3 46.5 69.7#  
206 22.8 17.2 25.8



#81  
Benzo(a)anthracene  
Concen: 31.650 ng  
RT: 21.17 min Scan# 3109  
Delta R.T. 0.01 min  
Lab File: BP002992.D  
Acq: 14 Aug 2020 19:19

Tgt Ion:228 Resp: 3050456  
Ion Ratio Lower Upper  
228 100  
226 29.4 22.9 34.3  
229 21.3 16.6 25.0





#83

Chrysene

Concen: 45.083 ng

RT: 21.23 min Scan# 3118

Delta R.T. 0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Instrument :

BNA\_P

ClientSampleId :

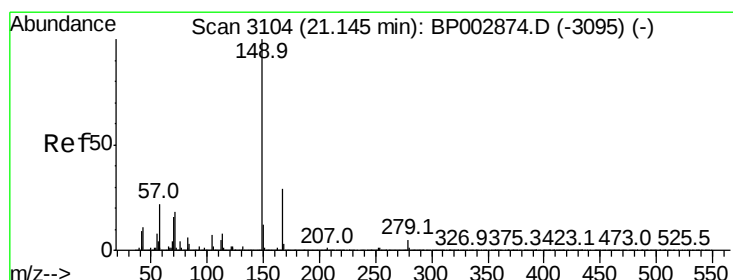
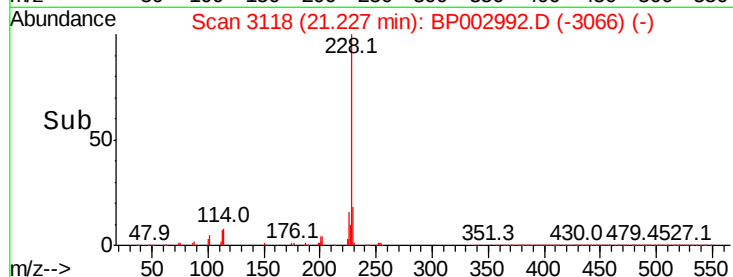
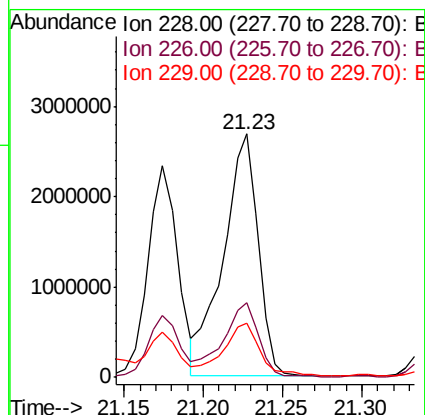
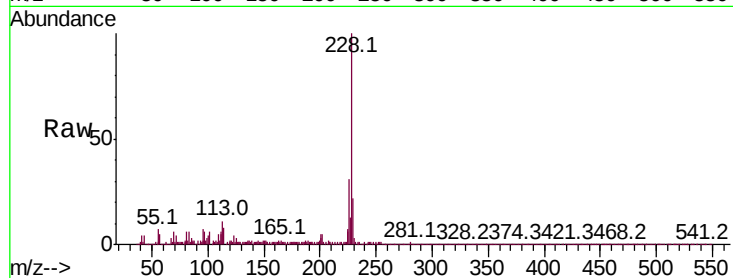
Tot Ion:228 Resp: 4098803

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.4

229 22.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.016 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

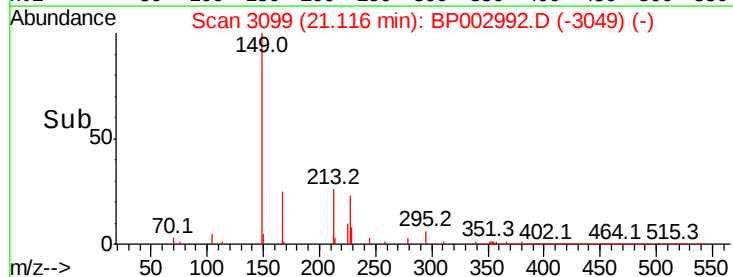
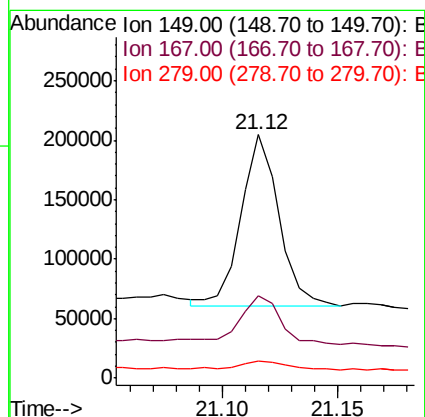
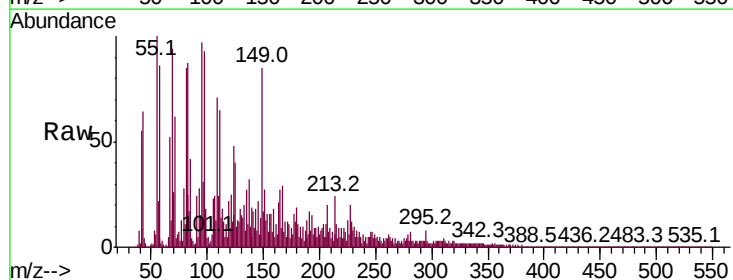
Tgt Ion:149 Resp: 165099

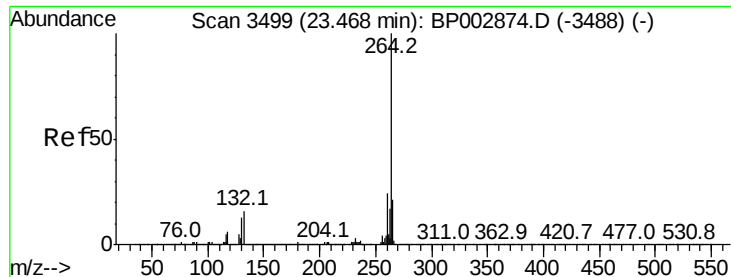
Ion Ratio Lower Upper

149 100

167 33.9 23.0 34.6

279 6.9 3.8 5.6#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.44 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

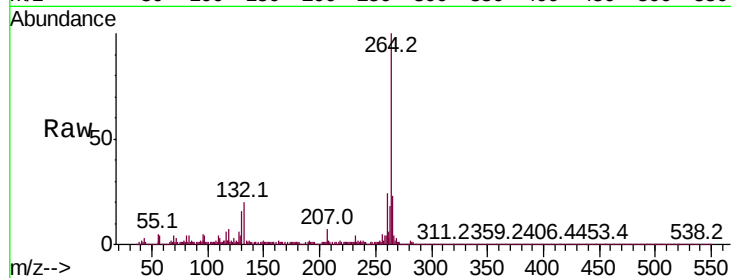
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:264 Resp: 1960538

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.4  | 18.7  | 28.1  |
| 265 | 22.6  | 17.6  | 26.4  |

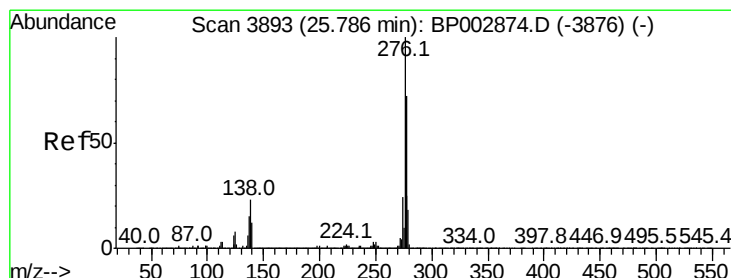
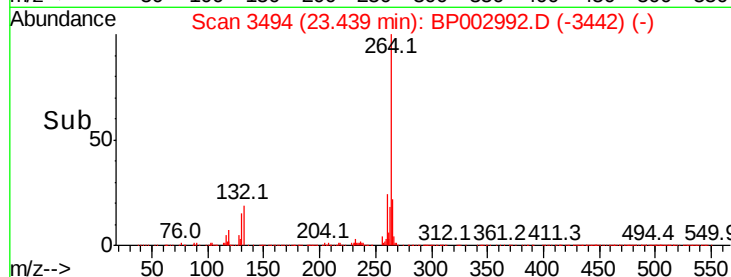
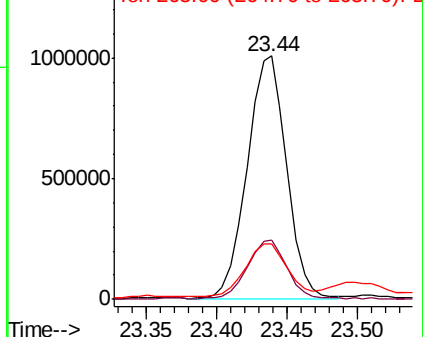


Abundance

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



#87

Indeno(1,2,3-cd)pyrene

Concen: 22.814 ng

RT: 25.73 min Scan# 3884

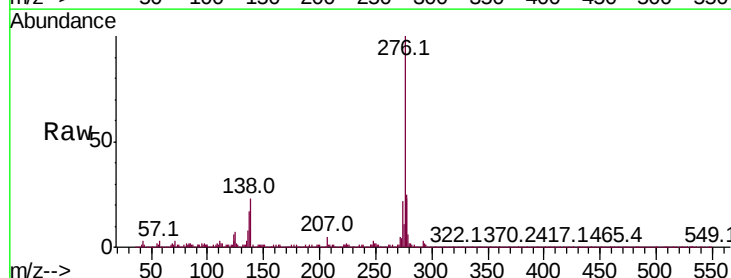
Delta R.T. -0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Tgt Ion:276 Resp: 3582025

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 23.5  | 23.4  | 35.0  |
| 277 | 25.0  | 20.3  | 30.5  |

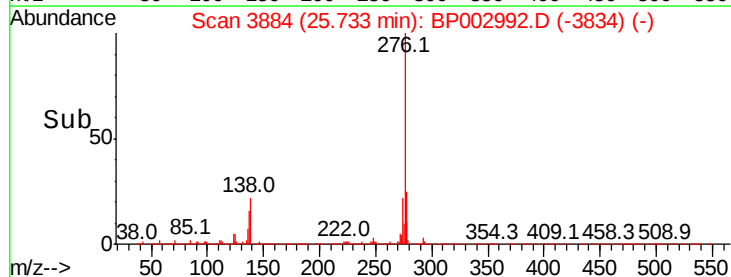
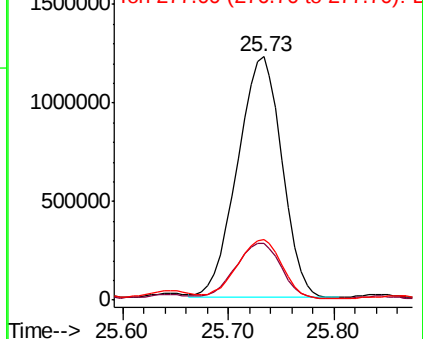


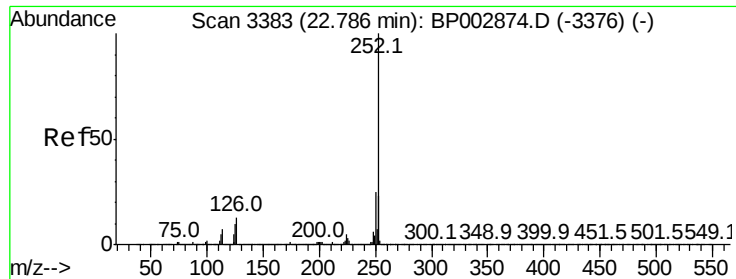
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 53.135 ng

RT: 22.76 min Scan# 3379

Delta R.T. 0.01 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Instrument :

BNA\_P

ClientSampleId :

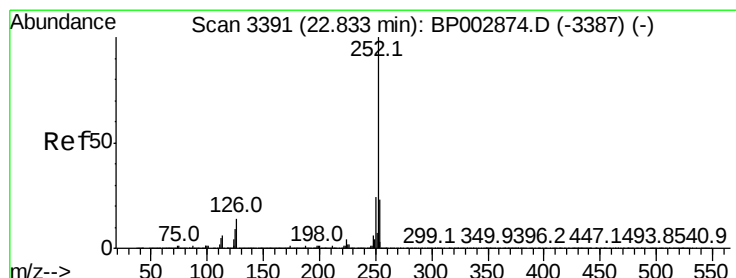
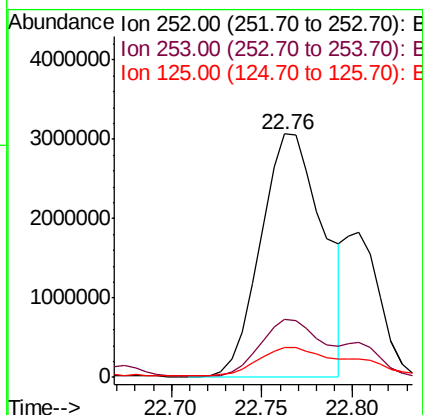
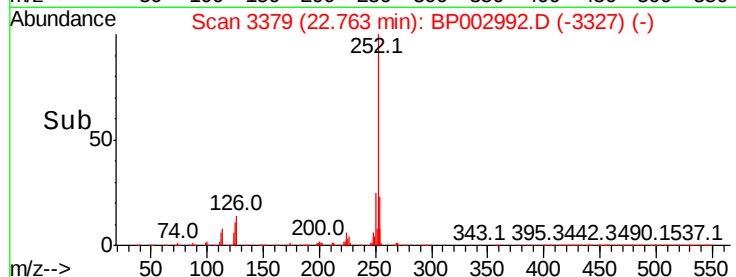
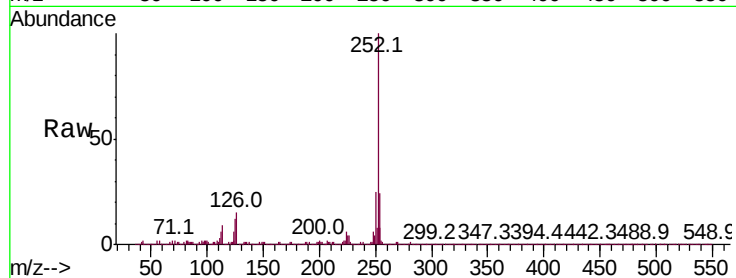
Tot Ion:252 Resp: 7351282

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

125 12.2 9.3 13.9



#89

Benzo(k)fluoranthene

Concen: 56.217 ng

RT: 22.76 min Scan# 3379

Delta R.T. -0.04 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

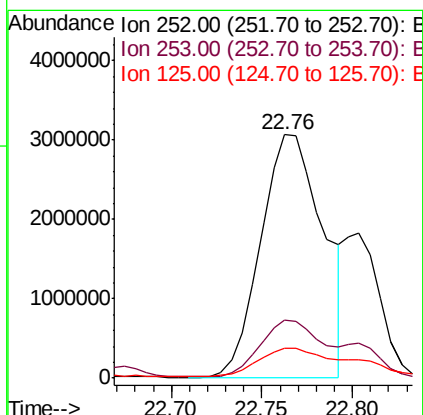
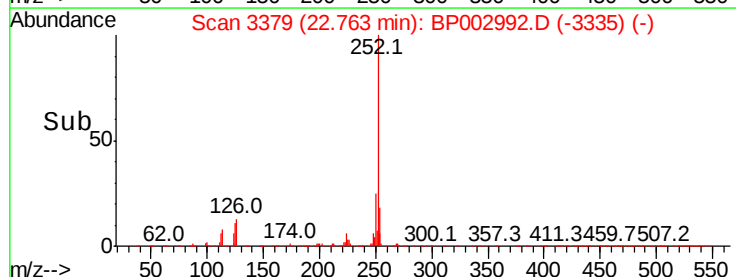
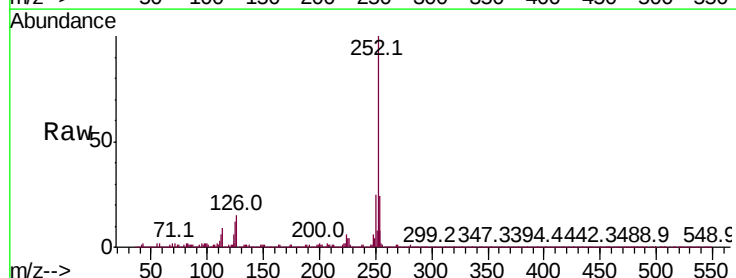
Tgt Ion:252 Resp: 7351282

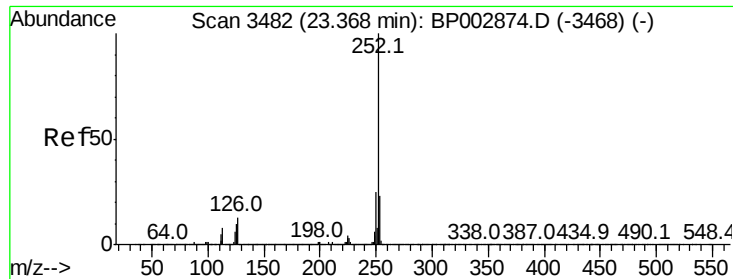
Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

125 12.2 9.5 14.3





#90

Benzo(a)pyrene

Concen: 36.236 ng

RT: 23.34 min Scan# 3477

Delta R.T. -0.00 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

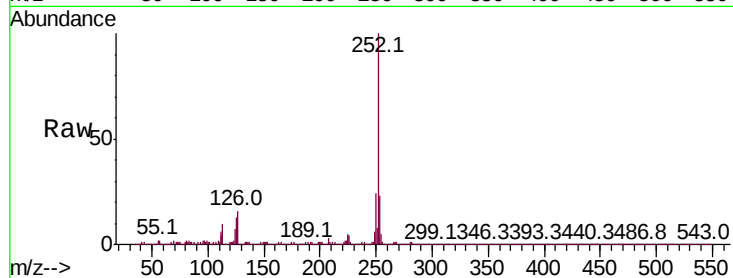
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:252 Resp: 4529859

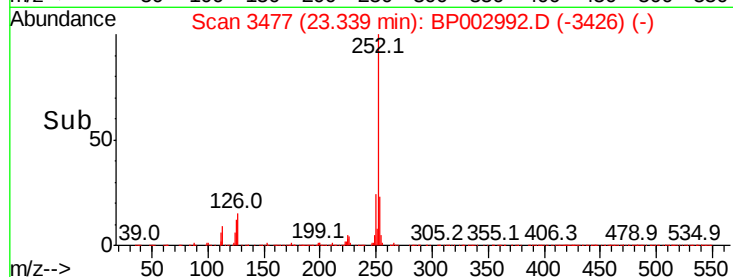
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.2  | 17.8  | 26.8  |
| 125 | 13.0  | 10.2  | 15.2  |



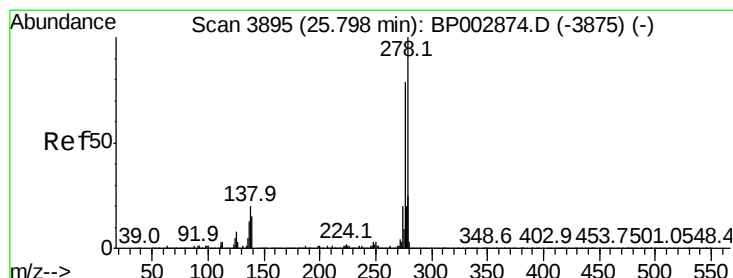
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Dibenzo(a,h)anthracene

Concen: 4.083 ng

RT: 25.99 min Scan# 3928

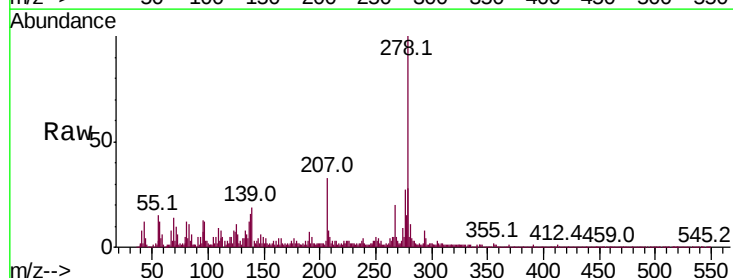
Delta R.T. 0.24 min

Lab File: BP002992.D

Acq: 14 Aug 2020 19:19

Tgt Ion:278 Resp: 545678

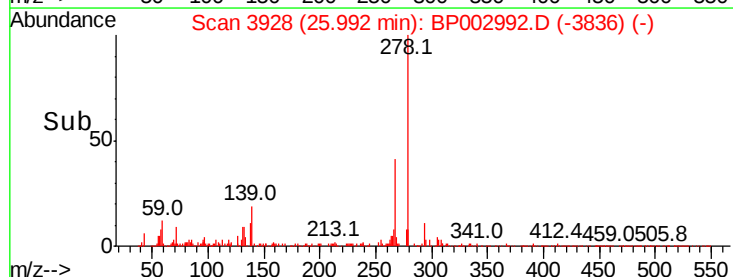
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 18.7  | 15.3  | 22.9  |
| 279 | 28.5  | 19.1  | 28.7  |



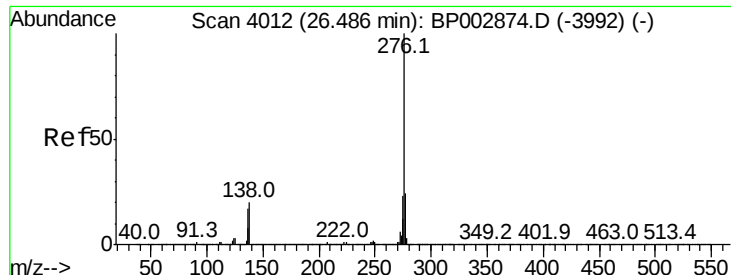
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



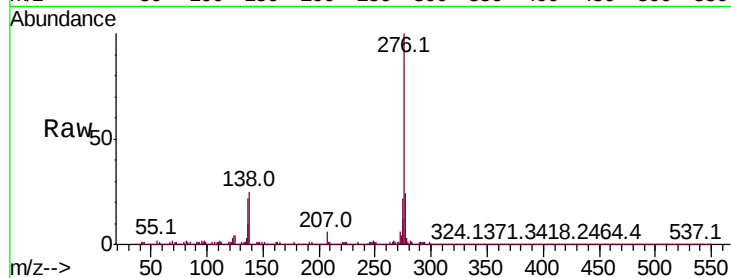
Time-->



#92  
 Benzo(a,h,i)perylene  
 Concen: 31.187 ng  
 RT: 26.43 min Scan# 4003  
 Delta R.T. -0.00 min  
 Lab File: BP002992.D  
 Acq: 14 Aug 2020 19:19

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:276 Resp: 4030154  
 Ion Ratio Lower Upper  
 276 100  
 277 23.8 19.2 28.8  
 138 25.3 19.9 29.9



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

