

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\  
 Data File : BP002829.D  
 Acq On : 22 Jul 2020 17:32  
 Operator : CG/JU  
 Sample : L3362-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Jul 22 18:45:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 13 10:54:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 122948   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.32 | 136  | 470999   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.20 | 164  | 230768   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 16.98 | 188  | 200553   | 20.00 | ng    | 0.01     |
| 76) Chrysene-d12          | 21.11 | 240  | 175652   | 20.00 | ng    | 0.04     |
| 86) Perylene-d12          | 23.30 | 264  | 298462   | 20.00 | ng    | 0.04     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.18  | 112 | 566579 | 77.75 | ng | 0.00  |
| 7) Phenol-d6                | 6.75  | 99  | 730399 | 70.23 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.69  | 82  | 484488 | 55.02 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330 | 139243 | 57.80 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 12.81 | 172 | 937836 | 62.87 | ng | -0.01 |
| 79) Terphenyl-d14           | 19.59 | 244 | 459022 | 59.91 | ng | 0.03  |

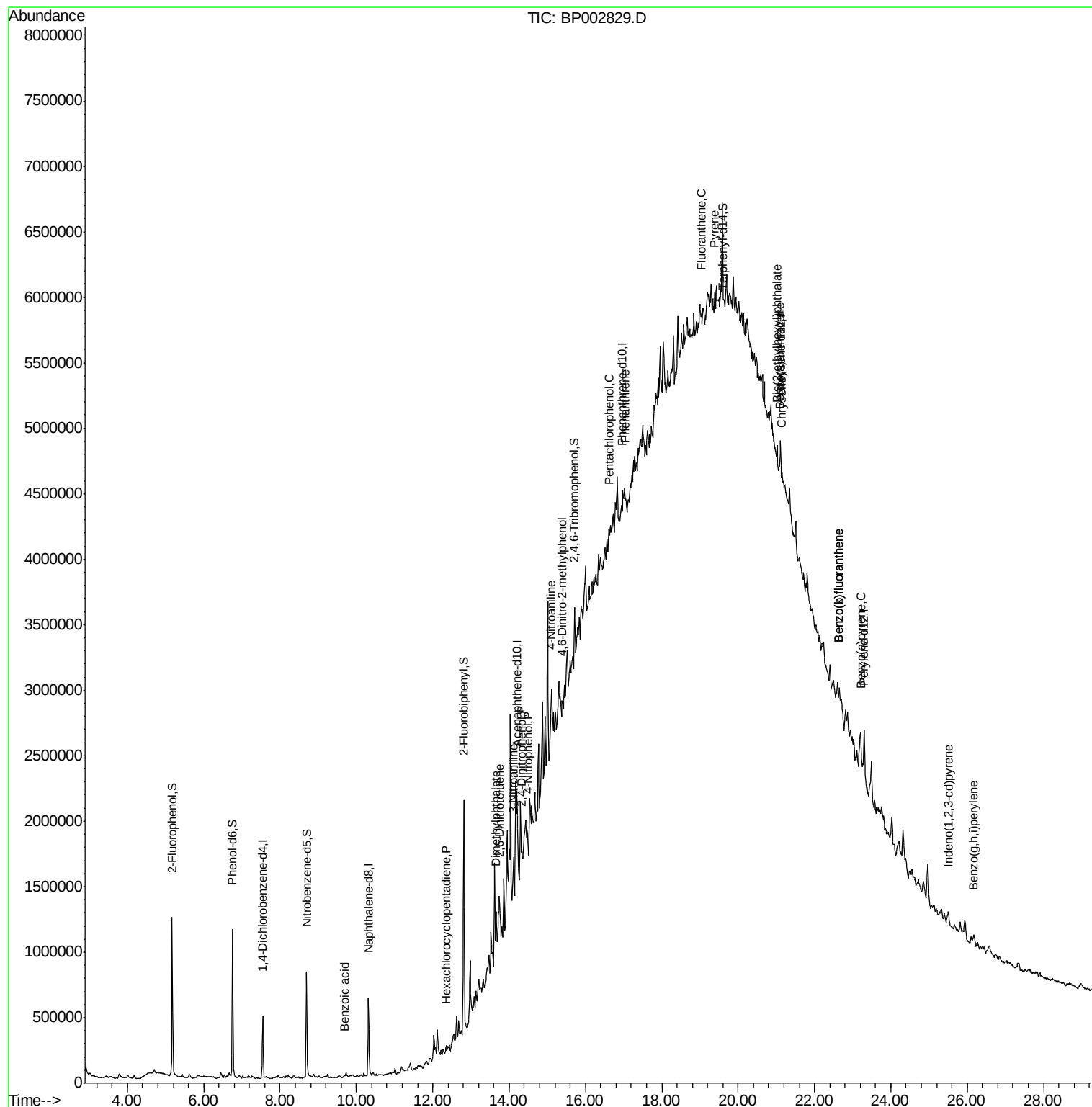
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 32) Benzoic acid               | 9.69  | 122 | 10414  | 8.779  | ng | 94   |
| 41) Hexachlorocyclopentadiene  | 12.33 | 237 | 16     | 7.439  | ng | 90   |
| 50) Dimethylphthalate          | 13.66 | 163 | 190414 | 10.819 | ng | # 94 |
| 51) 2,6-Dinitrotoluene         | 13.76 | 165 | 24787  | 6.579  | ng | # 32 |
| 53) 3-Nitroaniline             | 14.11 | 138 | 18754  | 4.449  | ng | # 13 |
| 54) 2,4-Dinitrophenol          | 14.33 | 184 | 171    | 11.444 | ng | # 1  |
| 56) 4-Nitrophenol              | 14.50 | 139 | 3469   | 5.935  | ng | # 1  |
| 62) 4-Nitroaniline             | 15.10 | 138 | 50826  | 12.361 | ng | 89   |
| 65) 4,6-Dinitro-2-methylphenol | 15.39 | 198 | 1489   | 6.372  | ng | # 1  |
| 70) Pentachlorophenol          | 16.62 | 266 | 571    | 7.907  | ng | # 1  |
| 71) Phenanthrene               | 17.02 | 178 | 56519  | 5.205  | ng | # 15 |
| 75) Fluoranthene               | 19.03 | 202 | 91387  | 7.263  | ng | # 55 |
| 78) Pyrene                     | 19.39 | 202 | 87953  | 7.252  | ng | # 58 |
| 81) Benzo(a)anthracene         | 21.10 | 228 | 46548  | 4.094  | ng | # 60 |
| 83) Chrysene                   | 21.14 | 228 | 56615  | 5.231  | ng | # 59 |
| 84) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 13938  | 2.094  | ng | # 65 |
| 87) Indeno(1,2,3-cd)pyrene     | 25.50 | 276 | 90969  | 4.217  | ng | 98   |
| 88) Benzo(b)fluoranthene       | 22.65 | 252 | 146995 | 7.932  | ng | # 67 |
| 89) Benzo(k)fluoranthene       | 22.65 | 252 | 146995 | 8.052  | ng | # 67 |
| 90) Benzo(a)pyrene             | 23.21 | 252 | 74672  | 4.252  | ng | # 59 |
| 92) Benzo(a,h,i)perylene       | 26.17 | 276 | 93047  | 5.275  | ng | # 89 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\  
Data File : BP002829.D  
Acq On : 22 Jul 2020 17:32  
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Sample : L3362-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :

Quant Time: Jul 22 18:45:40 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 13 10:54:03 2020  
Response via : Initial Calibration



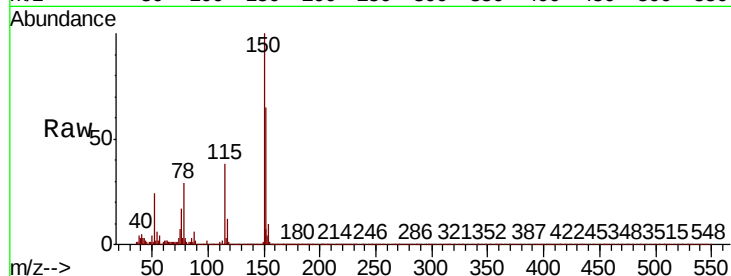


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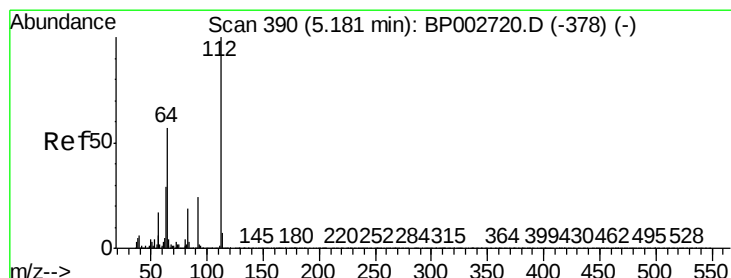
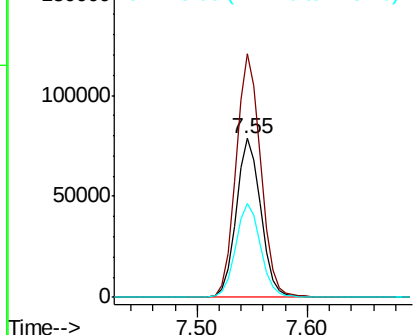
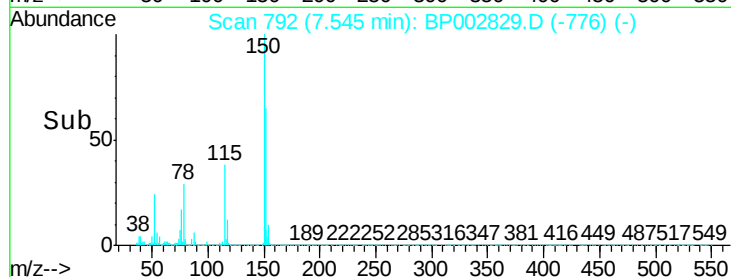
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.55 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

Instrument :  
BNA\_P  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.4 | 123.7 | 185.5 |
| 115     | 58.8  | 47.2  | 70.8  |



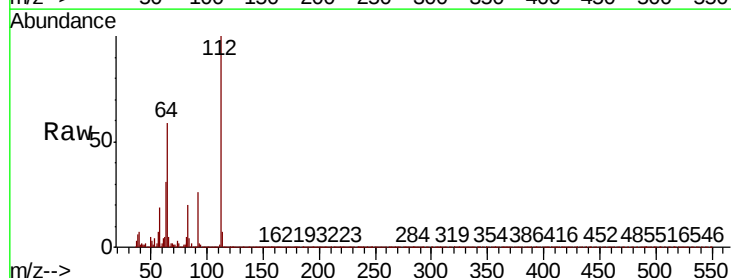
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



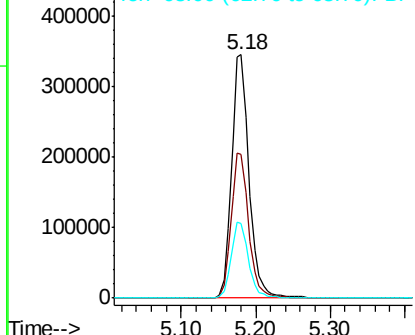
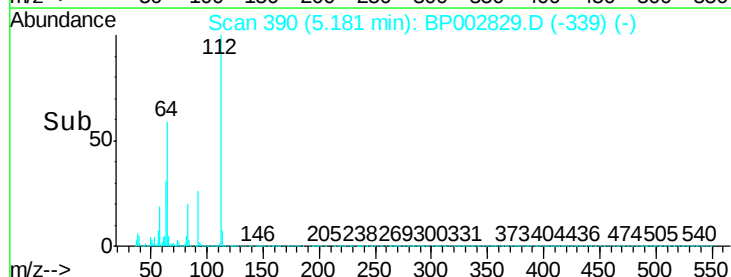
#5

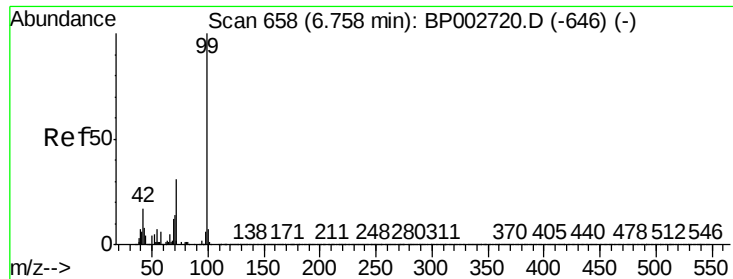
2-Fluorophenol  
Concen: 77.750 ng  
RT: 5.18 min Scan# 390  
Delta R.T. -0.00 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 58.9  | 45.6  | 68.4  |
| 63      | 30.6  | 23.5  | 35.3  |



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





#7

Phenol-d6

Concen: 70.231 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampled :

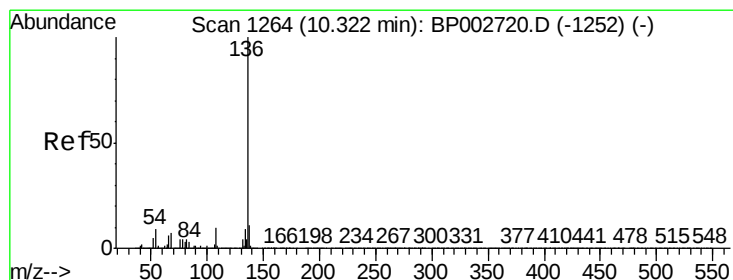
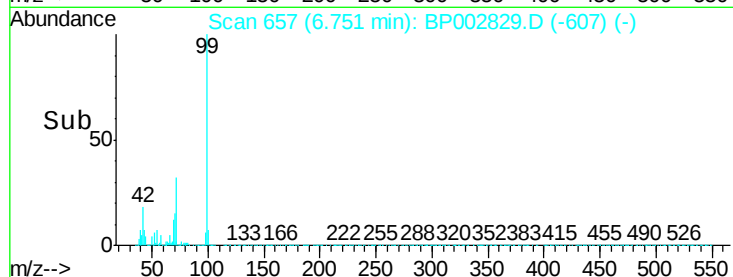
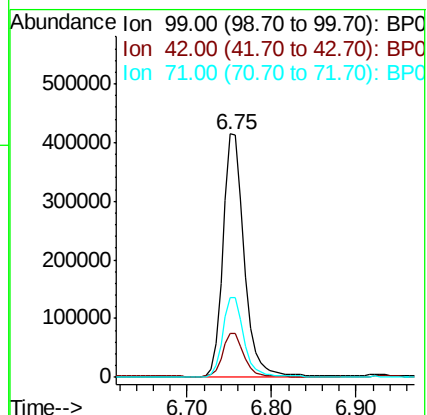
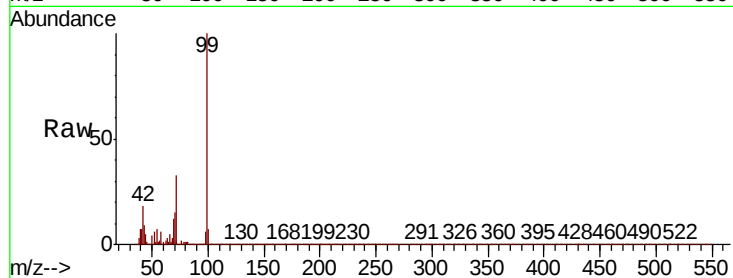
Tot Ion: 99 Resp: 730399

Ion Ratio Lower Upper

99 100

42 18.3 13.4 20.2

71 32.7 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Tgt Ion: 136 Resp: 470999

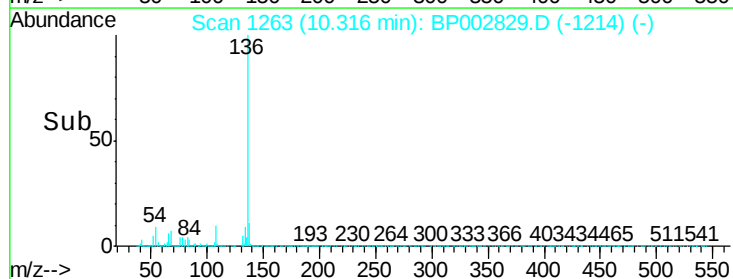
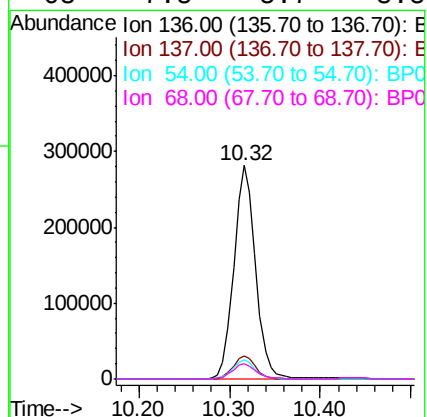
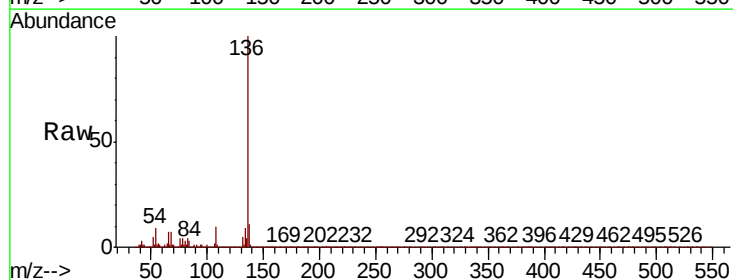
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.8 6.9 10.3

68 7.5 5.7 8.5

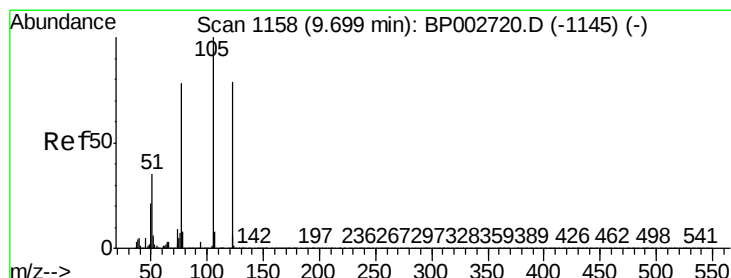
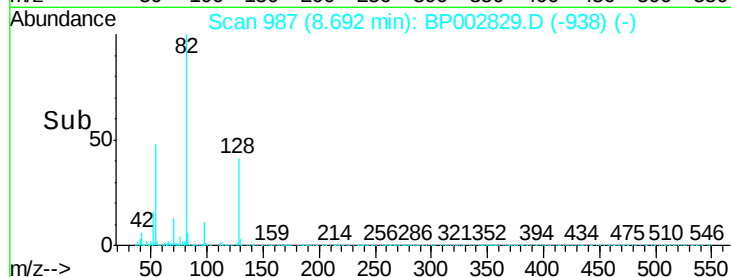
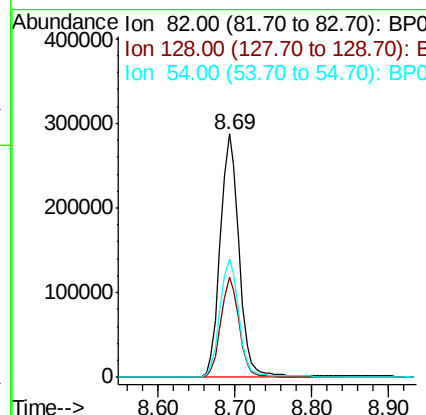
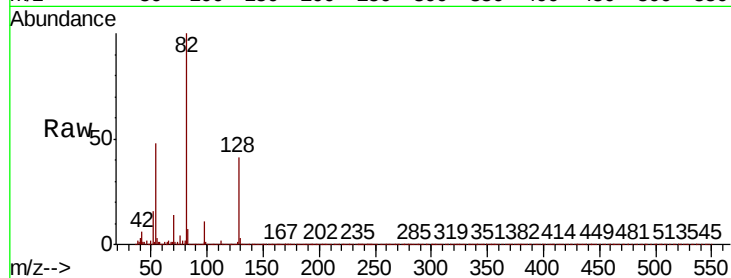




#23  
Nitrobenzene-d5  
Concen: 55.015 ng  
RT: 8.69 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

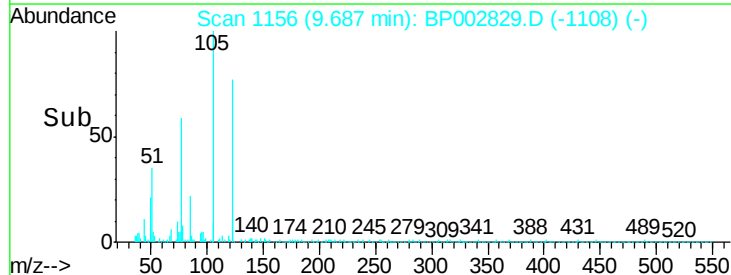
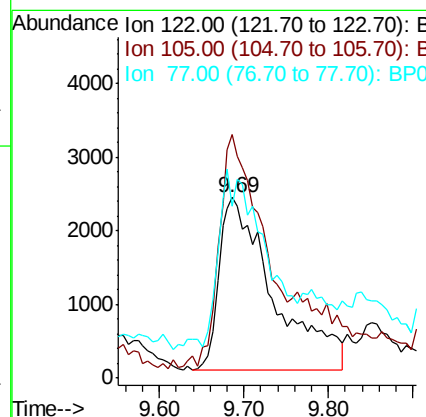
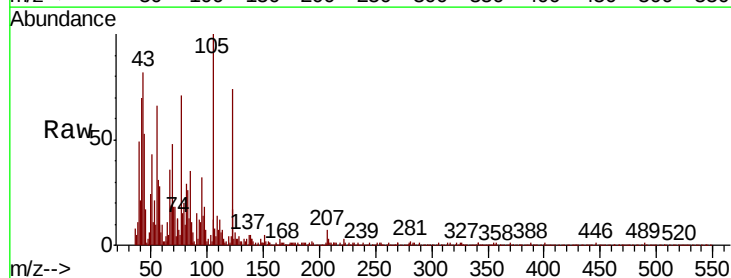
Instrument :  
BNA\_P  
ClientSampleId :

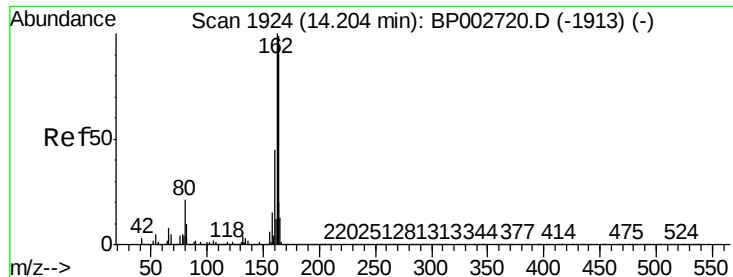
| Tot Ion   | 82    | Resp  | 484488 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.0  | 33.8  | 50.8   |
| 54        | 48.4  | 38.8  | 58.2   |



#32  
Benzoic acid  
Concen: 8.779 ng  
RT: 9.69 min Scan# 1156  
Delta R.T. -0.02 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

| Tgt Ion   | 122   | Resp  | 10414 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 134.7 | 105.4 | 145.4 |
| 77        | 95.0  | 78.5  | 118.5 |

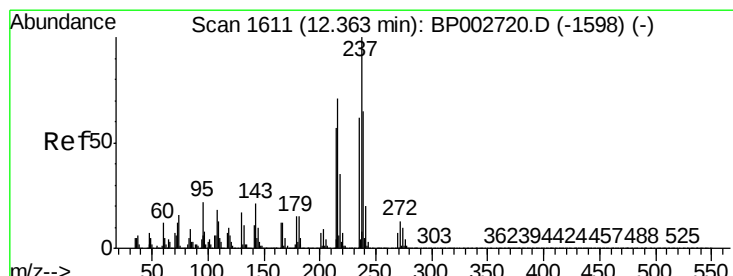
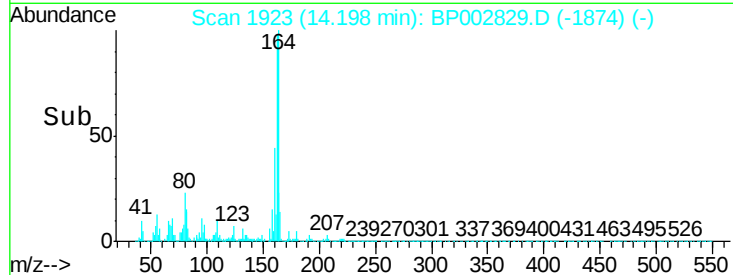
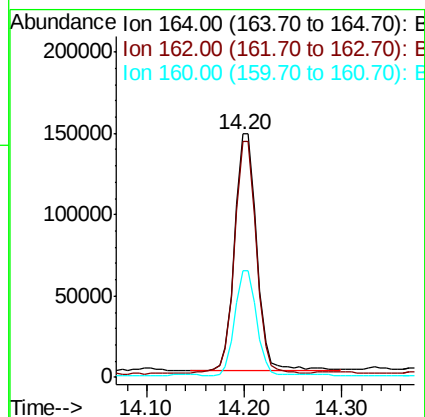
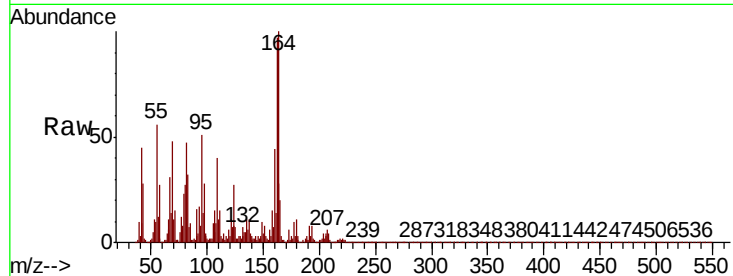




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.20 min Scan# 1923  
Delta R.T. -0.01 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

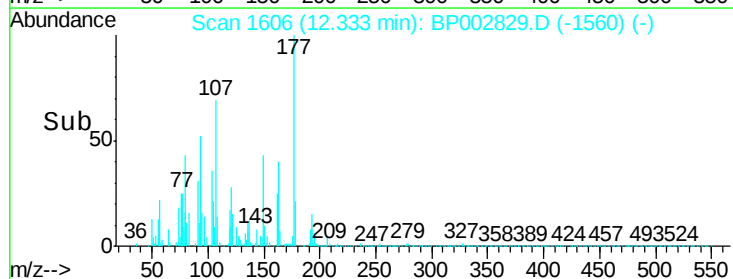
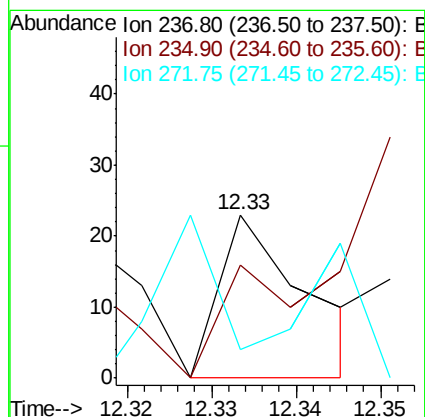
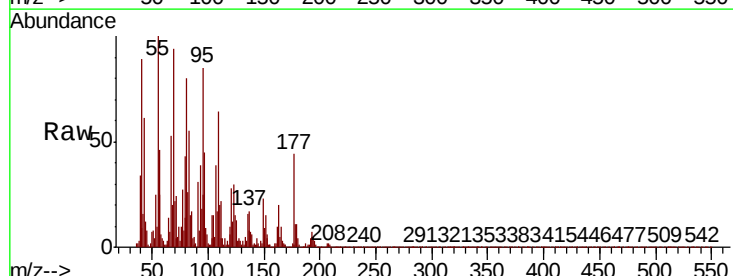
Instrument :  
BNA\_P  
ClientSampleId :

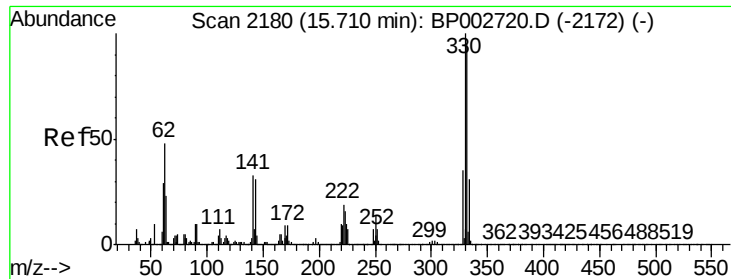
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 97.1  | 80.6  | 121.0 |
| 160     | 43.9  | 36.4  | 54.6  |



#41  
Hexachlorocyclopentadiene  
Concen: 7.439 ng  
RT: 12.33 min Scan# 1606  
Delta R.T. -0.03 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 69.6  | 42.3  | 82.3  |
| 272     | 17.4  | 0.0   | 32.5  |





#42

2,4,6-Tribromophenol

Concen: 57.805 ng

RT: 15.72 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampleId :

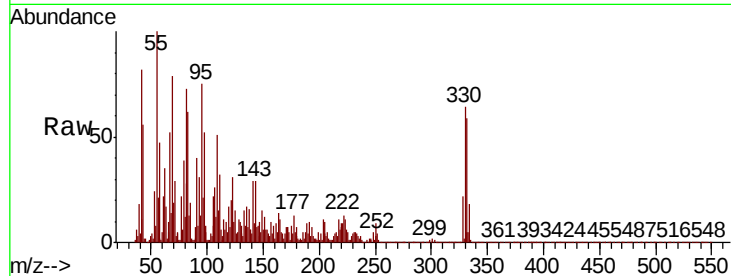
Tot Ion:330 Resp: 139243

Ion Ratio Lower Upper

330 100

332 96.6 76.5 114.7

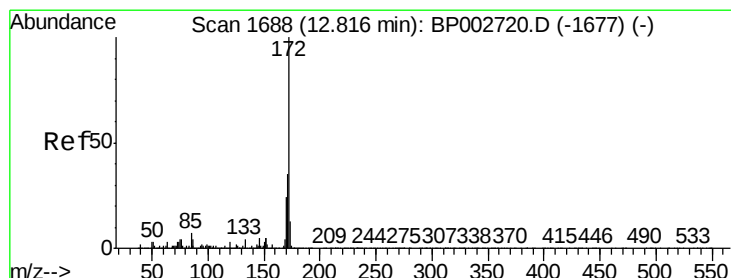
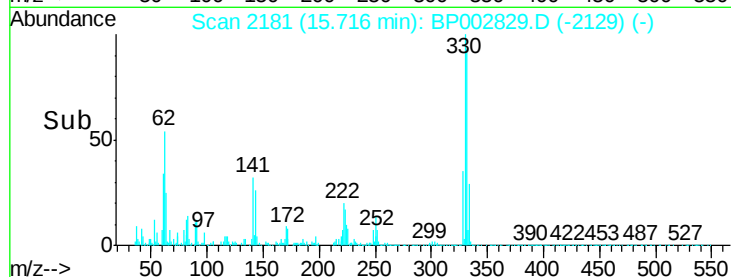
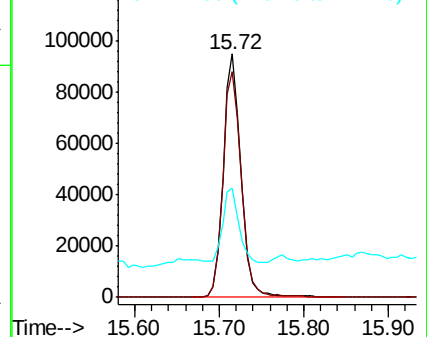
141 28.8 28.8 43.2#



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



#45

2-Fluorobiphenyl

Concen: 62.869 ng

RT: 12.81 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

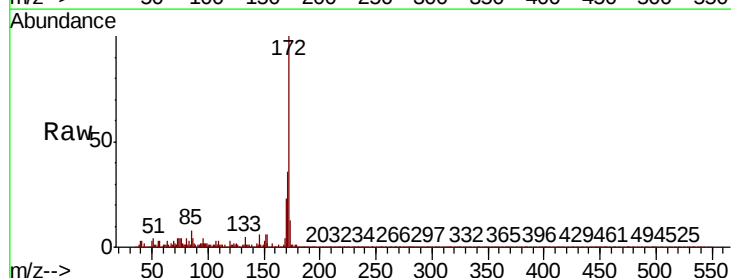
Tgt Ion:172 Resp: 937836

Ion Ratio Lower Upper

172 100

171 35.9 28.1 42.1

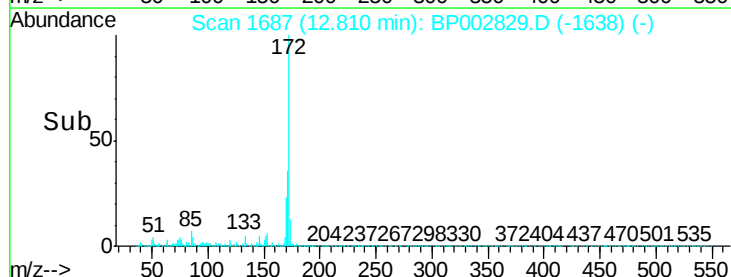
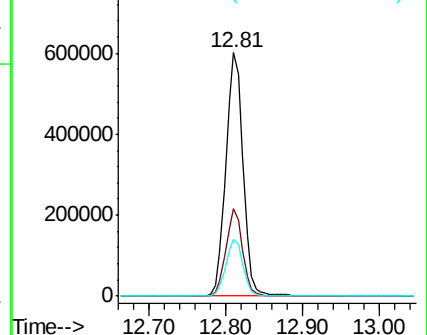
170 23.4 19.3 28.9

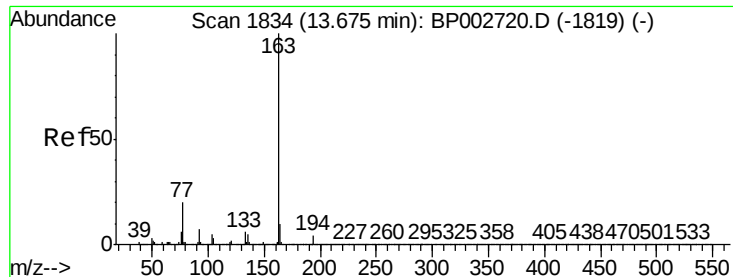


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.819 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampleId :

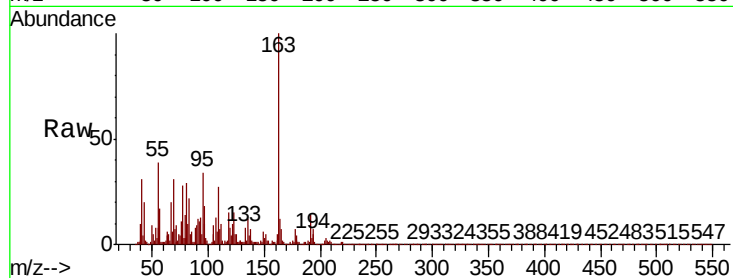
Tot Ion:163 Resp: 190414

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

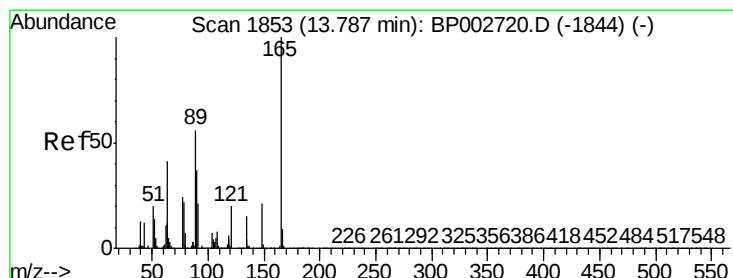
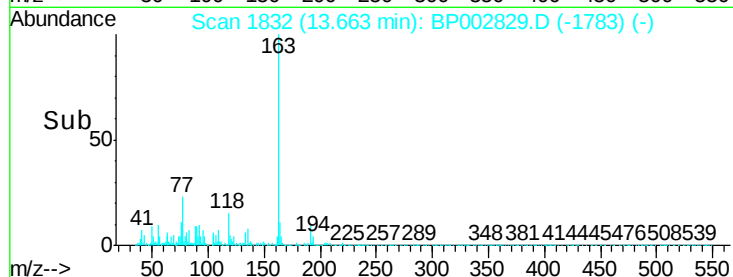
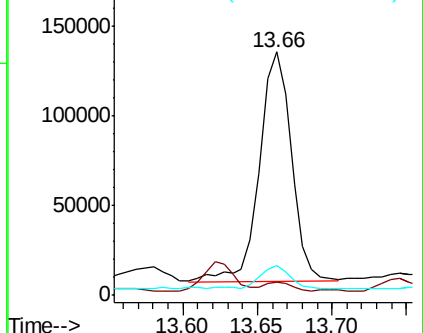
164 12.3 7.8 11.8#



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: 6.579 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.03 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

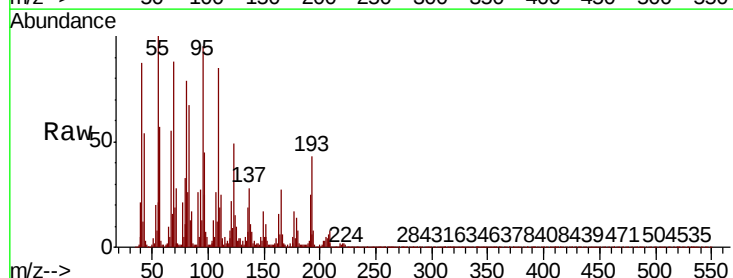
Tgt Ion:165 Resp: 24787

Ion Ratio Lower Upper

165 100

63 7.6 43.2 64.8#

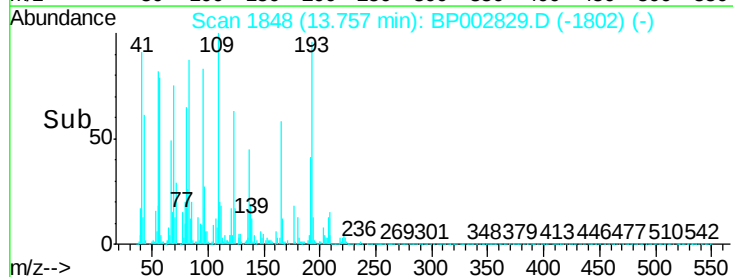
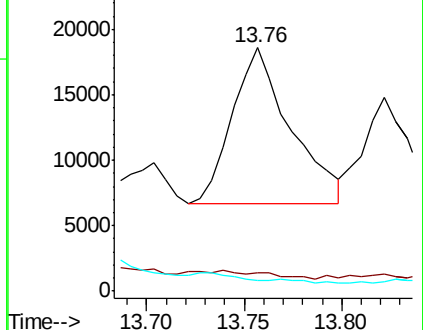
89 4.5 44.6 67.0#

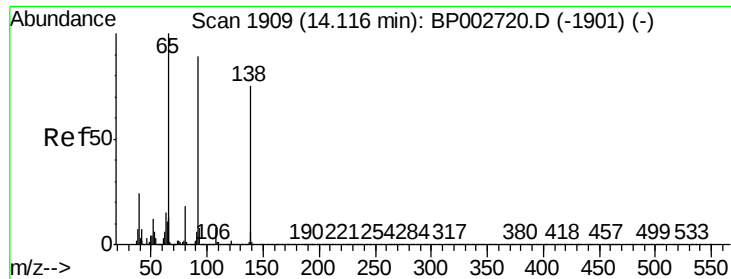


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

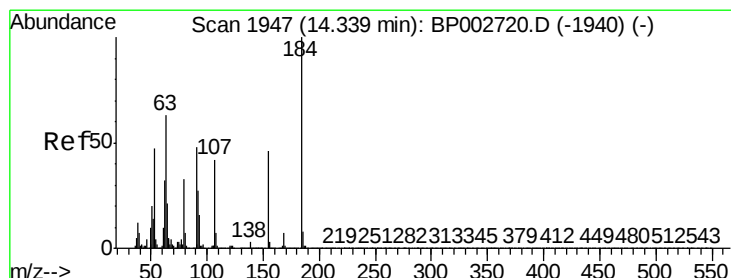
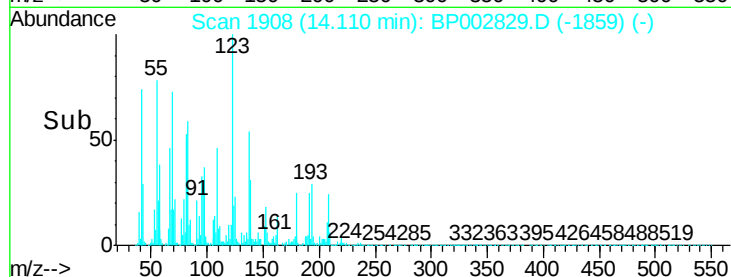
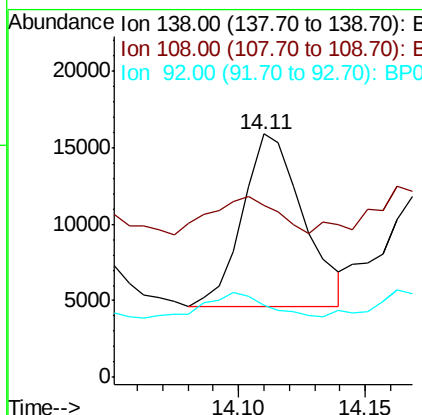
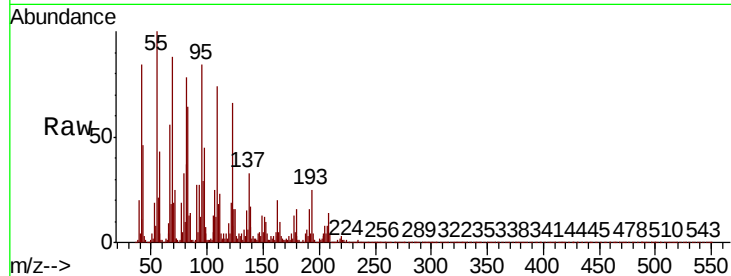




#53  
3-Nitroaniline  
Concen: 4.449 ng  
RT: 14.11 min Scan# 1908  
Delta R.T. -0.01 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

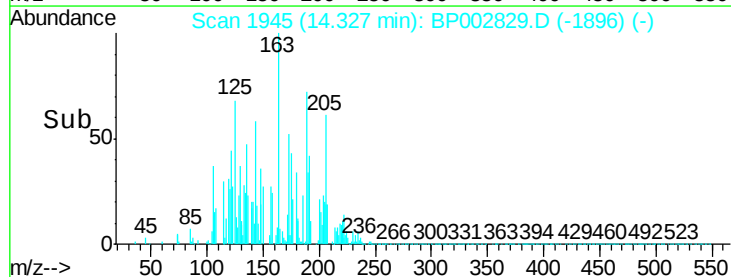
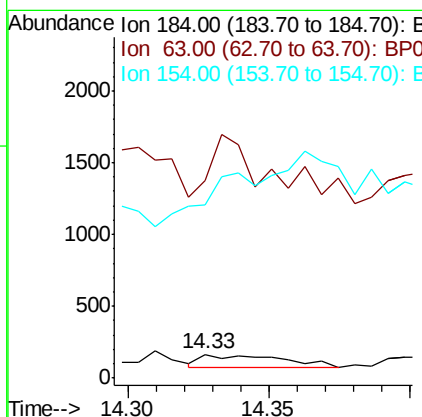
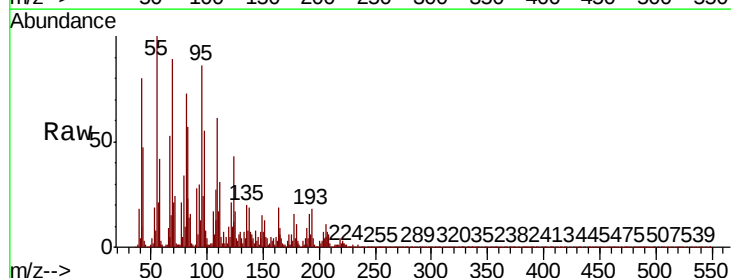
Instrument :  
BNA\_P  
ClientSampleId :

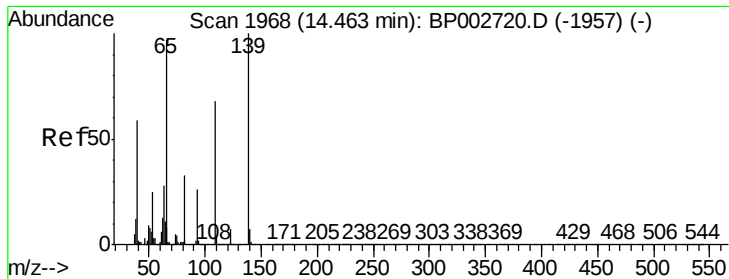
Tot Ion:138 Resp: 18754  
Ion Ratio Lower Upper  
138 100  
108 70.6 8.2 12.2#  
92 29.5 94.3 141.5#



#54  
2,4-Dinitrophenol  
Concen: 11.444 ng  
RT: 14.33 min Scan# 1945  
Delta R.T. -0.01 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

Tgt Ion:184 Resp: 171  
Ion Ratio Lower Upper  
184 100  
63 842.3 51.6 77.4#  
154 738.7 45.0 67.6#

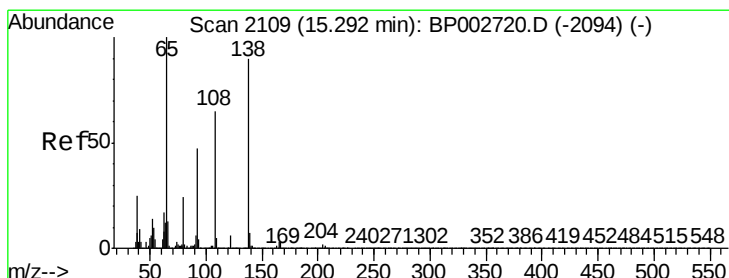
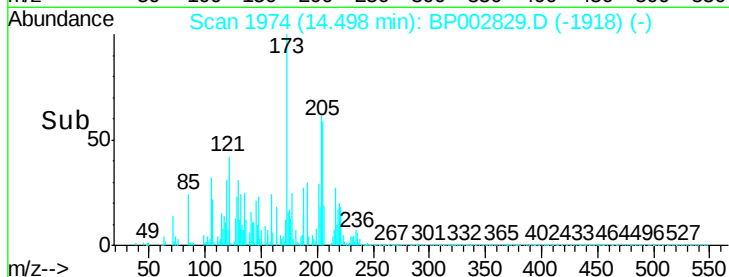
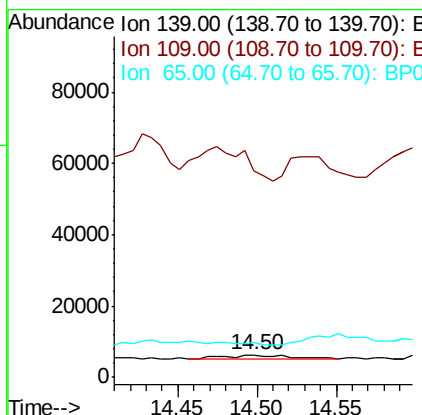
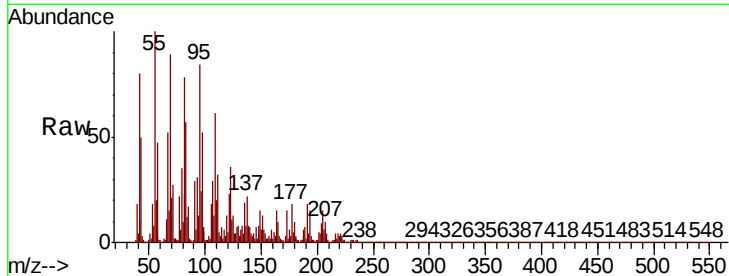




#56  
4-Nitrophenol  
Concen: 5.935 ng  
RT: 14.50 min Scan# 1974  
Delta R.T. 0.03 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

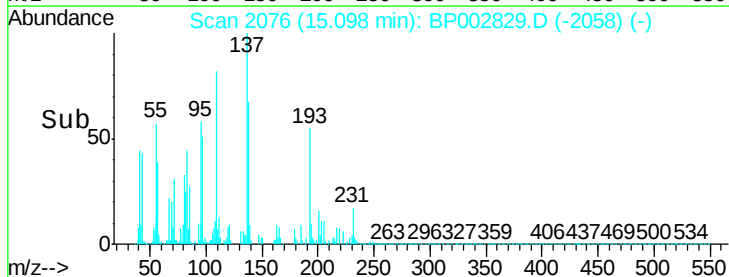
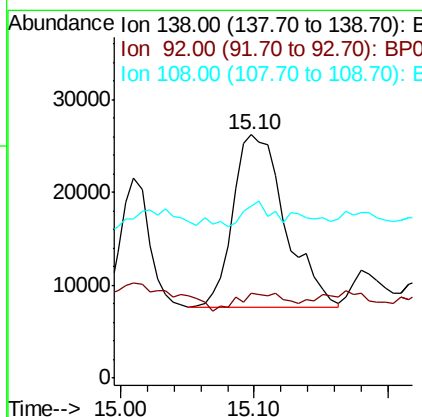
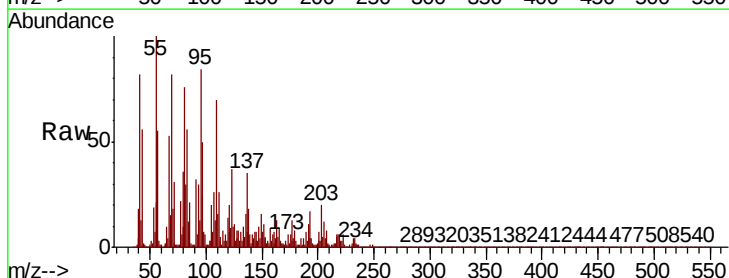
Instrument :  
BNA\_P  
ClientSampled :

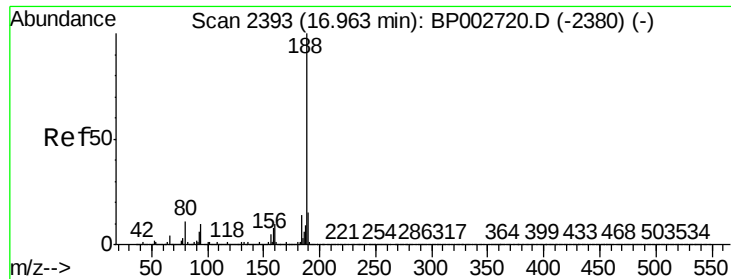
Tot Ion:139 Resp: 3469  
Ion Ratio Lower Upper  
139 100  
109 923.9 48.1 88.1#  
65 158.3 77.9 117.9#



#62  
4-Nitroaniline  
Concen: 12.361 ng  
RT: 15.10 min Scan# 2076  
Delta R.T. -0.19 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

Tgt Ion:138 Resp: 50826  
Ion Ratio Lower Upper  
138 100  
92 34.7 32.0 72.0  
108 70.6 52.2 92.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampleId :

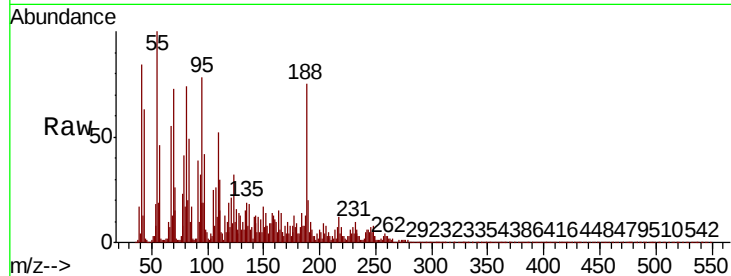
Tot Ion:188 Resp: 200553

Ion Ratio Lower Upper

188 100

94 24.9 8.1 12.1#

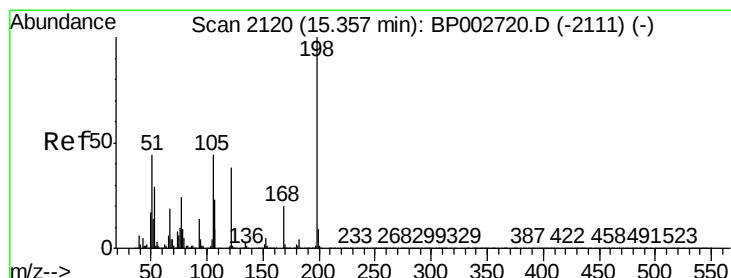
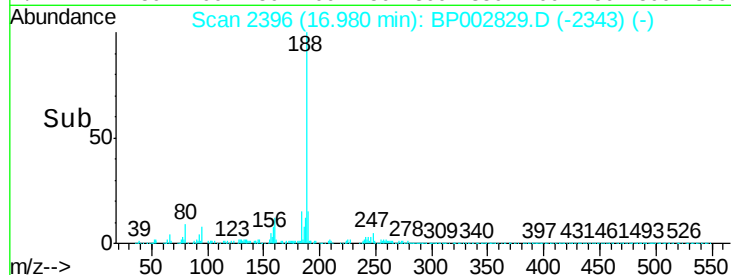
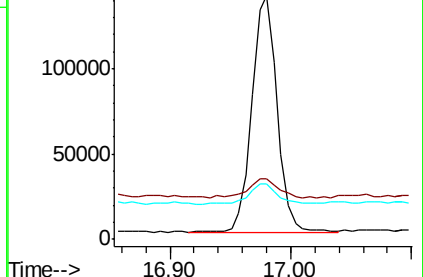
80 22.6 8.9 13.3#



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: 6.372 ng

RT: 15.39 min Scan# 2126

Delta R.T. 0.03 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

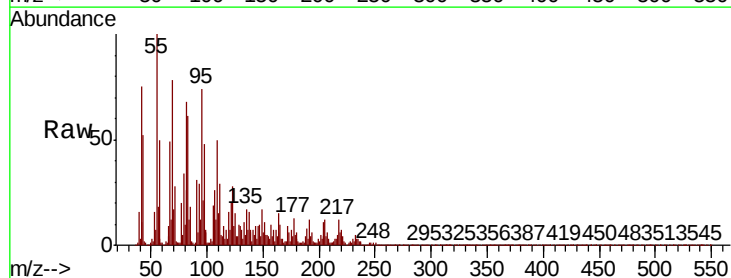
Tgt Ion:198 Resp: 1489

Ion Ratio Lower Upper

198 100

51 425.5 27.1 67.1#

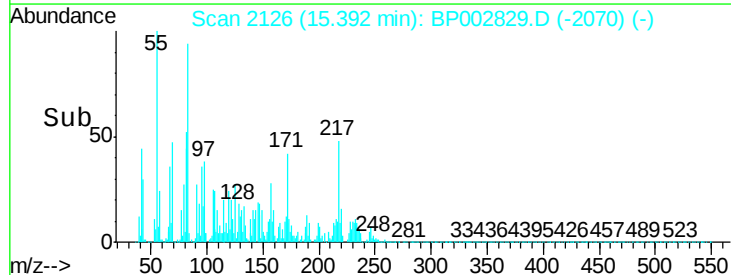
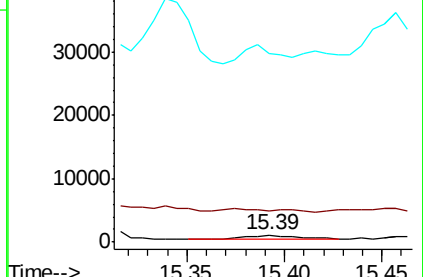
105 2538.3 24.9 64.9#

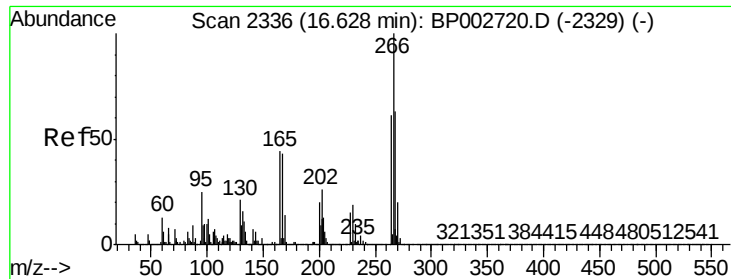


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

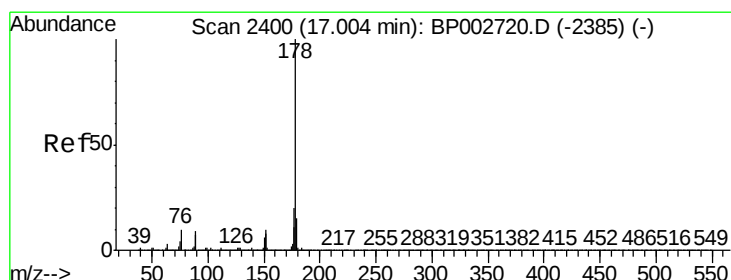
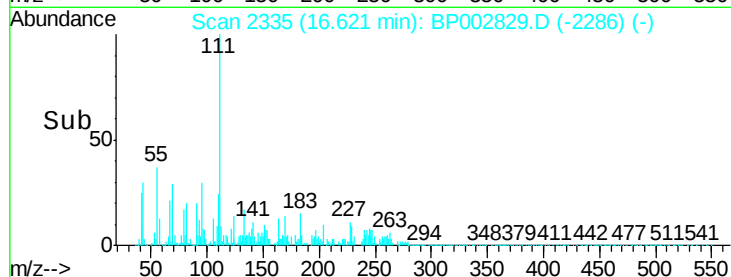
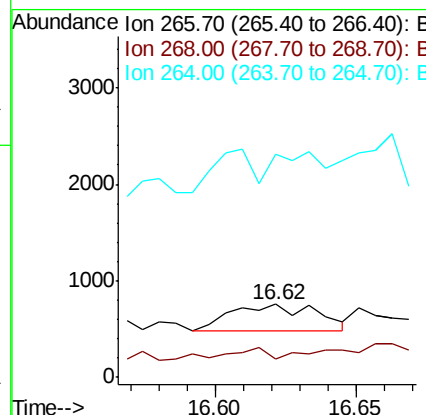
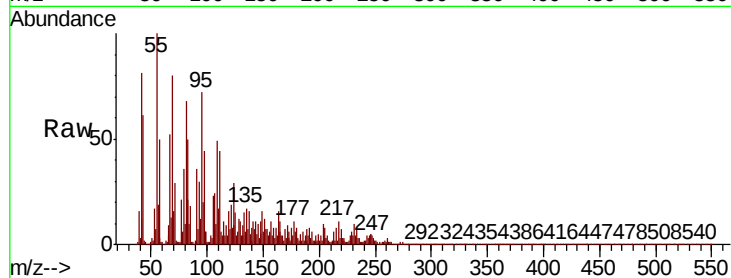




#70  
Pentachlorophenol  
Concen: 7.907 ng  
RT: 16.62 min Scan# 2335  
Delta R.T. -0.01 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

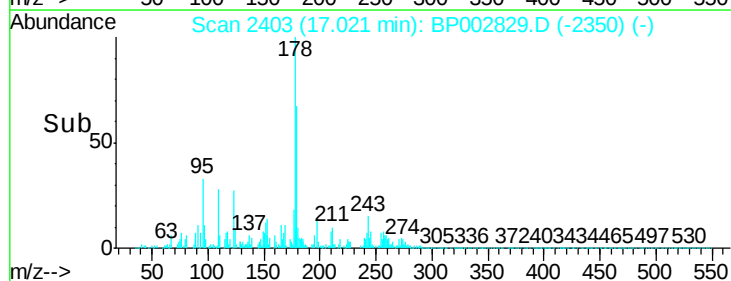
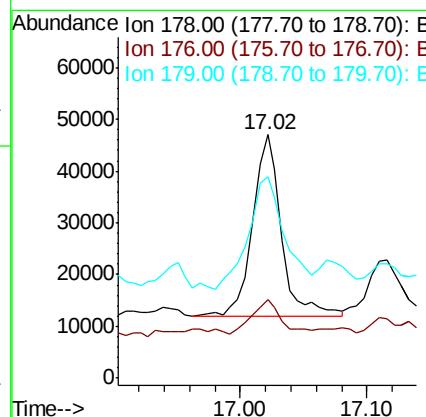
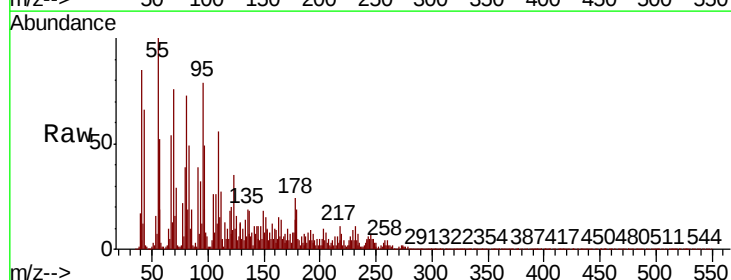
Instrument :  
BNA\_P  
ClientSampleId :

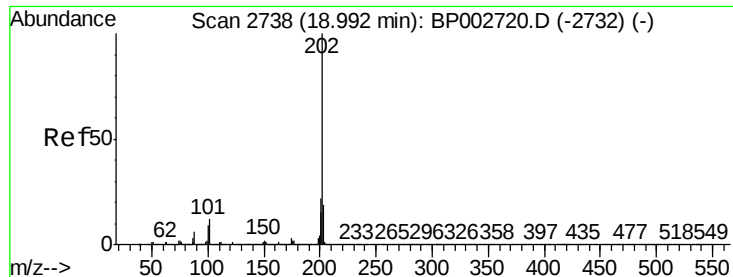
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 13.9  | 50.6  | 75.8# |
| 264     | 171.7 | 48.6  | 72.8# |



#71  
Phenanthrene  
Concen: 5.205 ng  
RT: 17.02 min Scan# 2403  
Delta R.T. 0.01 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 32.3  | 15.9  | 23.9# |
| 179     | 82.6  | 12.3  | 18.5# |





#75

Fluoranthene

Concen: 7.263 ng

RT: 19.03 min Scan# 2744

Delta R.T. 0.03 min

Lab File: BP002829.D

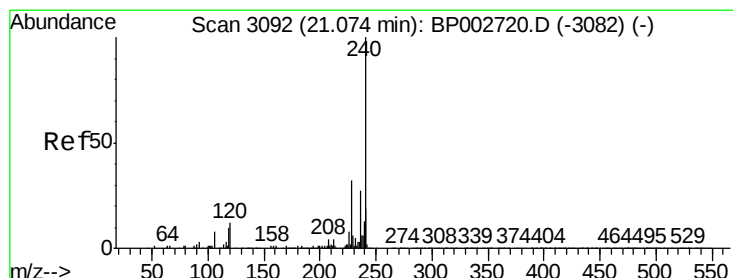
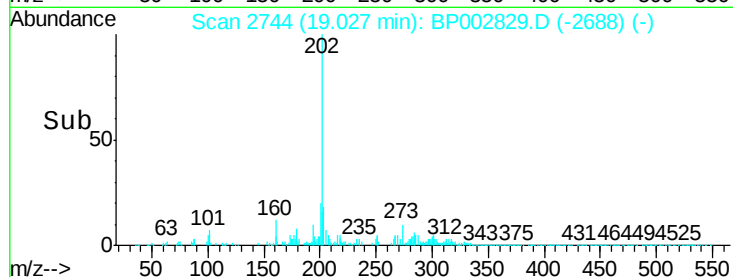
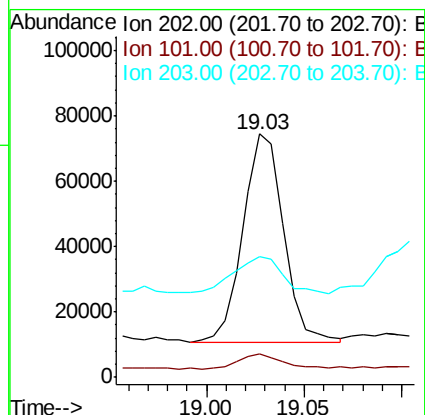
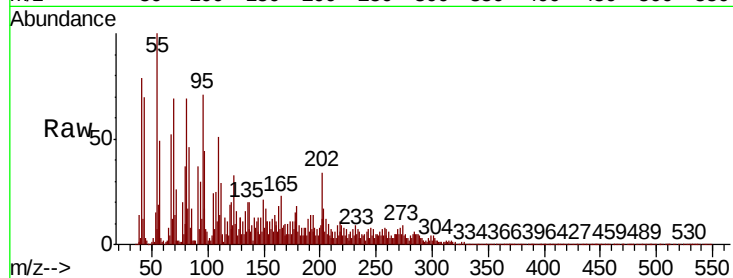
Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 91387 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 9.5   | 0.0   | 32.5  |
| 203       | 49.7  | 0.0   | 38.6# |



#76

Chrysene-d12

Concen: 20.000 ng

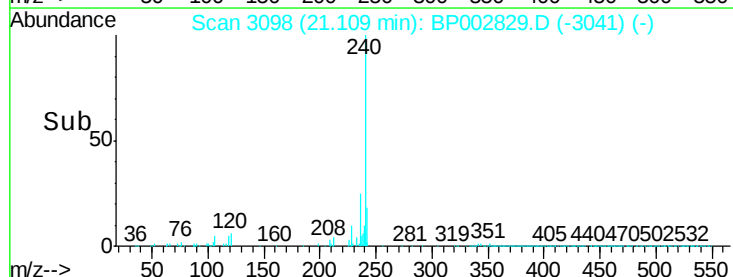
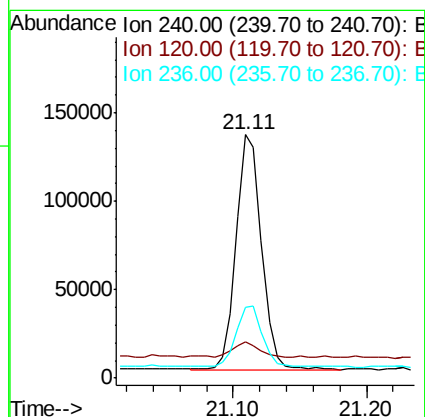
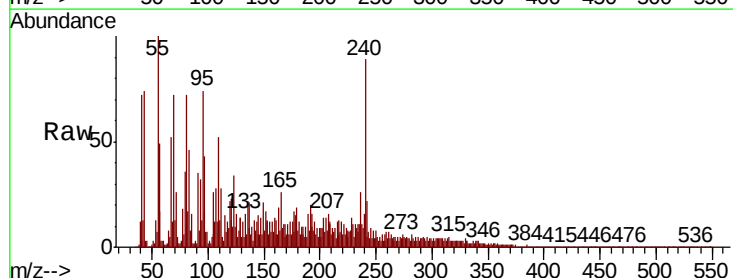
RT: 21.11 min Scan# 3098

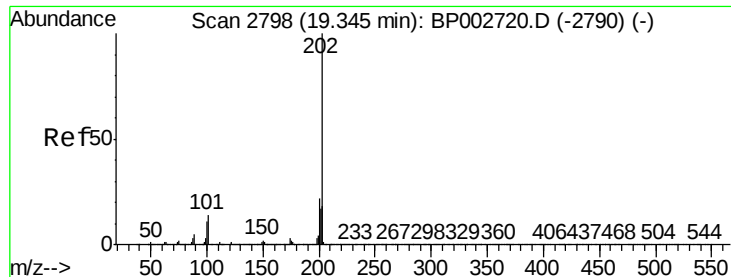
Delta R.T. 0.04 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 175652 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 14.7  | 9.4   | 14.2#  |
| 236       | 29.2  | 21.3  | 31.9   |





#78

Pvrene

Concen: 7.252 ng

RT: 19.39 min Scan# 2805

Delta R.T. 0.04 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampleId :

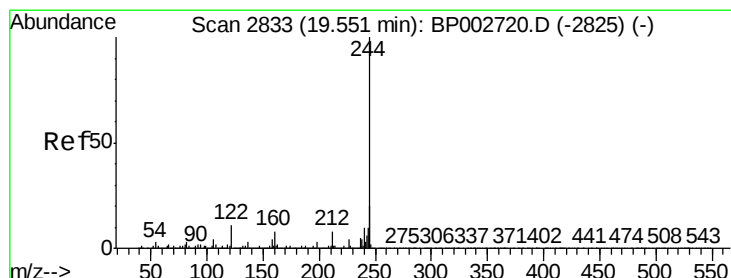
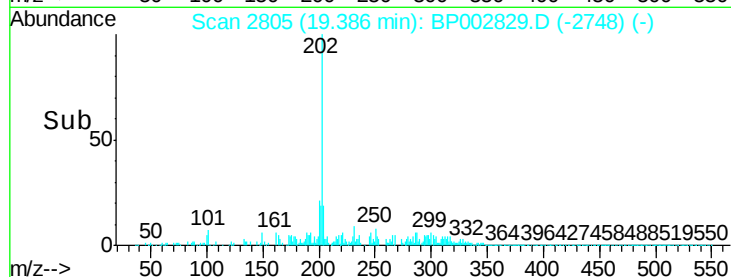
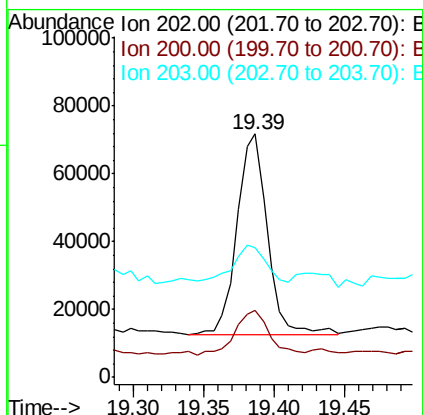
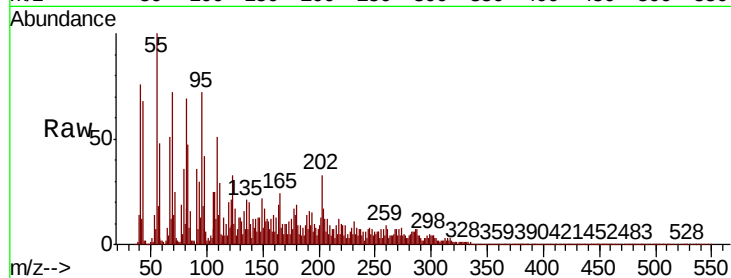
Tot Ion:202 Resp: 87953

Ion Ratio Lower Upper

202 100

200 27.5 17.7 26.5#

203 53.1 14.5 21.7#



#79

Terphenyl-d14

Concen: 59.914 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.03 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

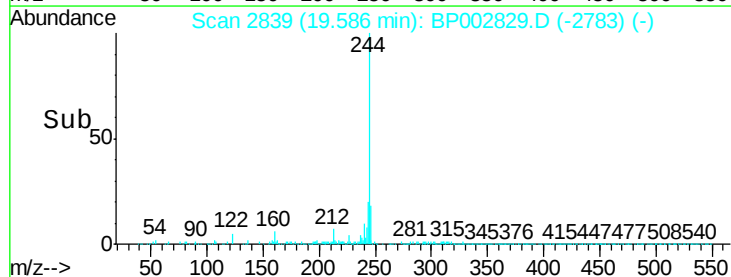
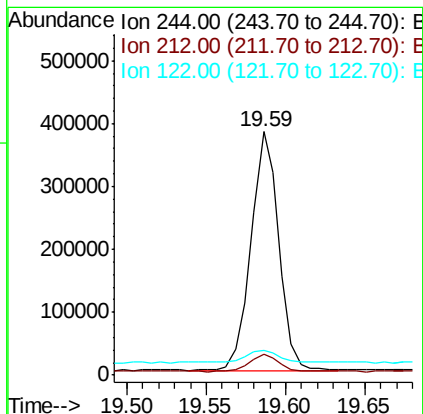
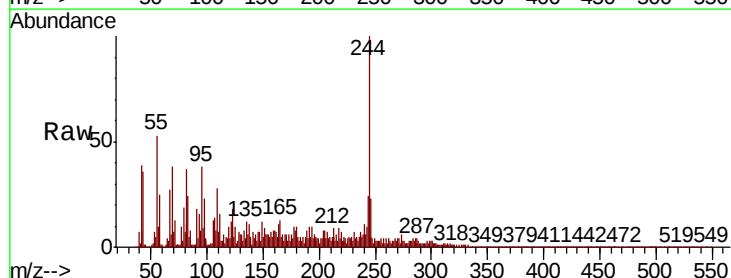
Tgt Ion:244 Resp: 459022

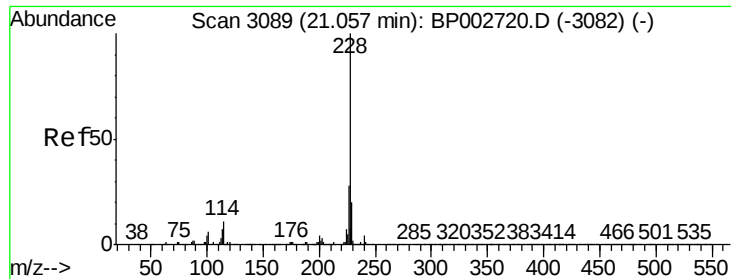
Ion Ratio Lower Upper

244 100

212 8.7 6.0 9.0

122 10.2 8.9 13.3

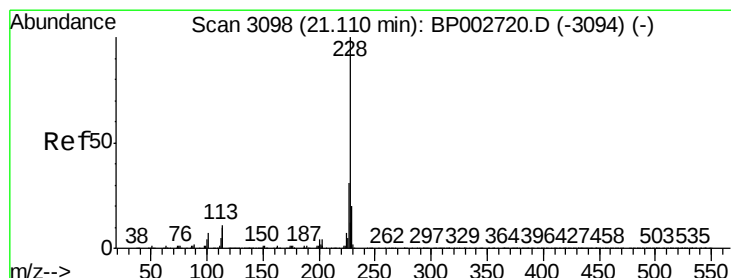
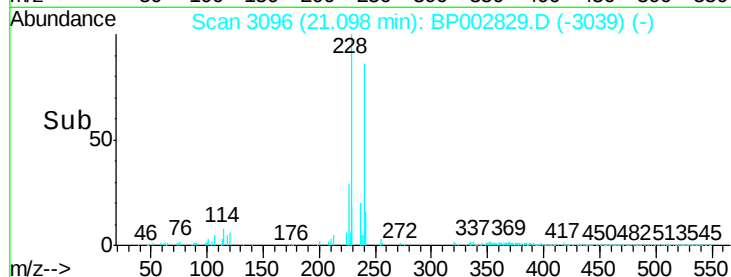
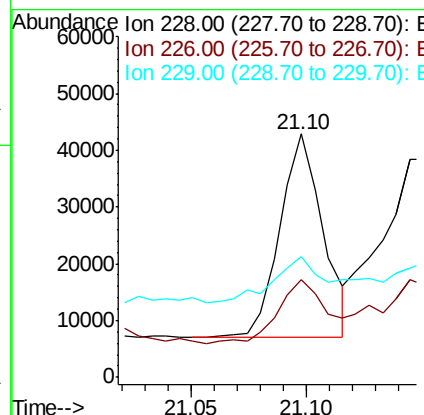
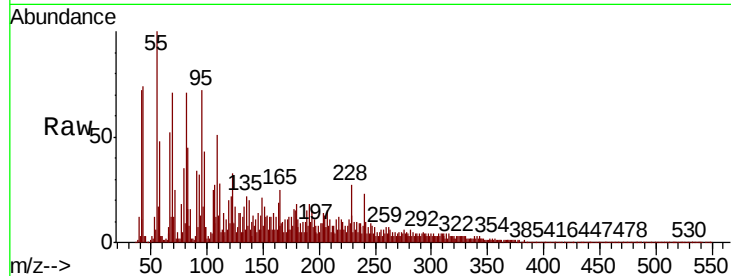




#81  
Benzo(a)anthracene  
Concen: 4.094 ng  
RT: 21.10 min Scan# 3096  
Delta R.T. 0.04 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

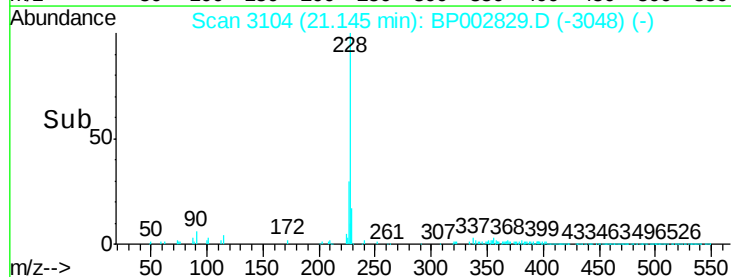
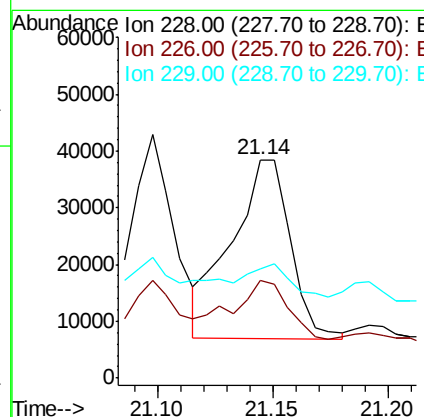
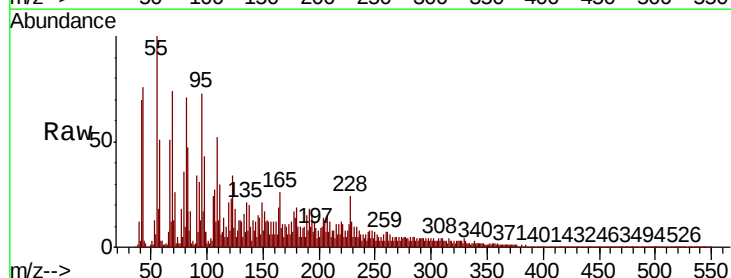
Instrument :  
BNA\_P  
ClientSampled :

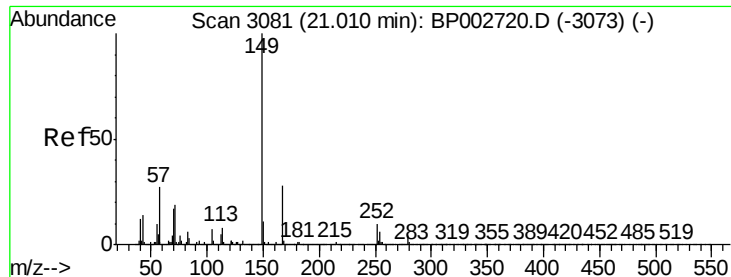
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 39.9  | 22.6  | 34.0# |
| 229     | 49.8  | 16.0  | 24.0# |



#83  
Chrysene  
Concen: 5.231 ng  
RT: 21.14 min Scan# 3104  
Delta R.T. 0.03 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 44.5  | 24.6  | 37.0# |
| 229     | 50.3  | 15.7  | 23.5# |





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.094 ng

RT: 21.03 min Scan# 3085

Delta R.T. 0.02 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampled :

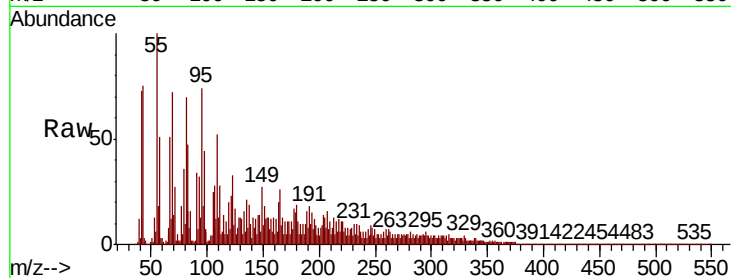
Tot Ion:149 Resp: 13938

Ion Ratio Lower Upper

149 100

167 46.4 22.4 33.6#

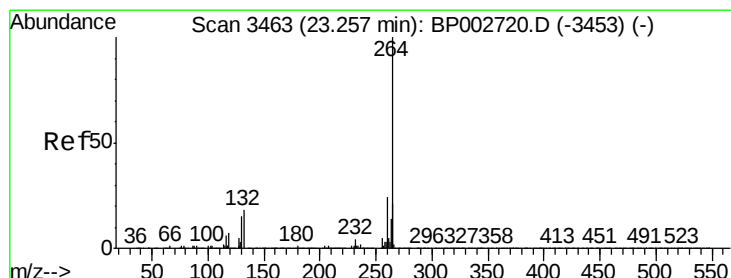
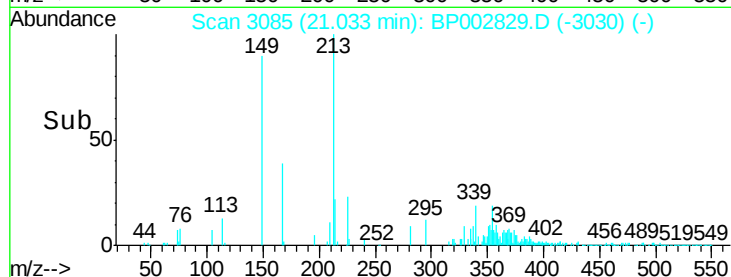
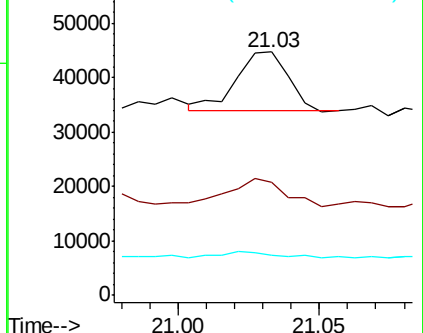
279 16.7 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. 0.04 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

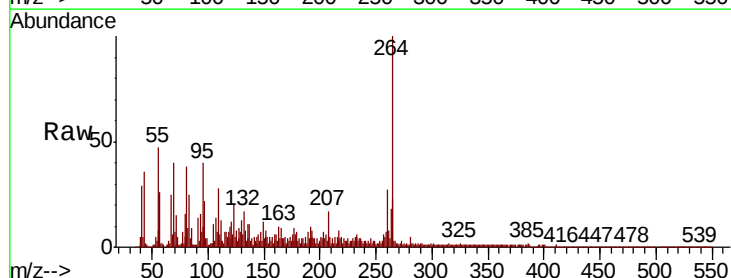
Tgt Ion:264 Resp: 298462

Ion Ratio Lower Upper

264 100

260 26.6 19.3 28.9

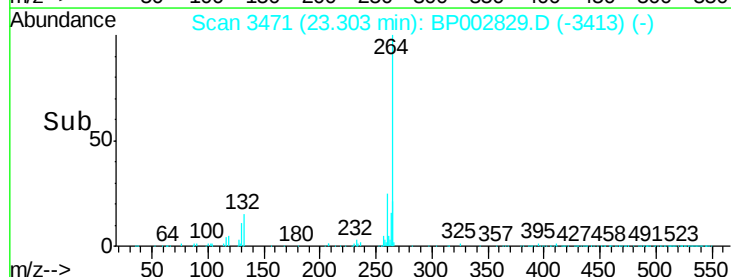
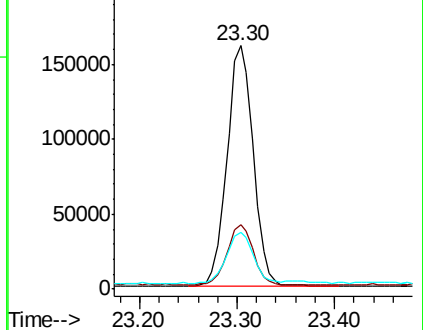
265 23.4 16.8 25.2

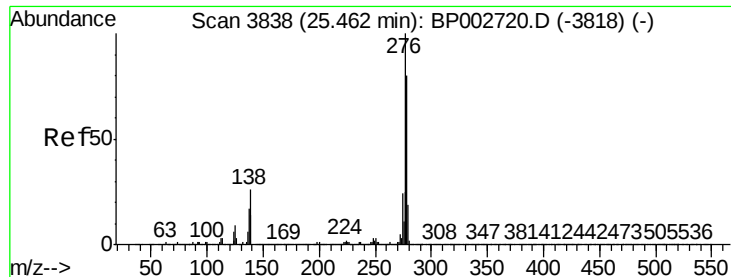


Abundance Ion 264.00 (263.70 to 264.70): E

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: 4.217 ng

RT: 25.50 min Scan# 3845

Delta R.T. 0.03 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampleId :

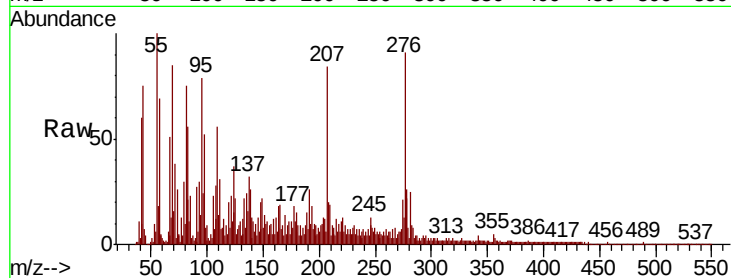
Tot Ion:276 Resp: 90969

Ion Ratio Lower Upper

276 100

138 24.5 20.8 31.2

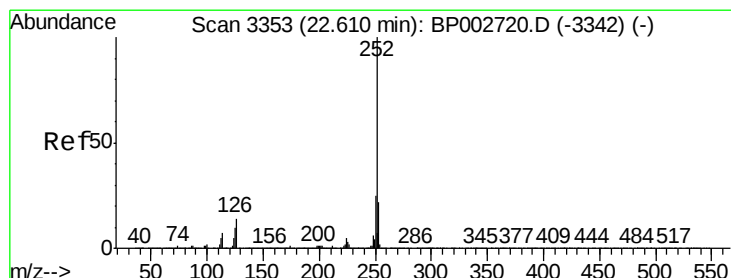
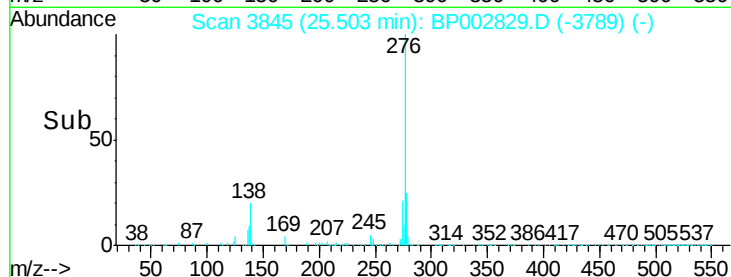
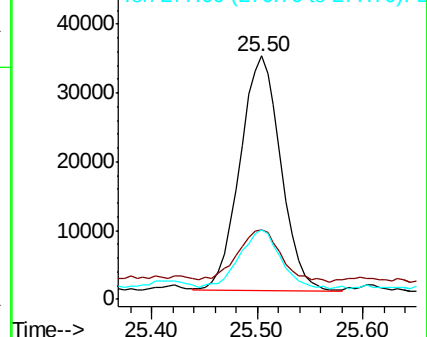
277 24.7 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 7.932 ng

RT: 22.65 min Scan# 3360

Delta R.T. 0.04 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

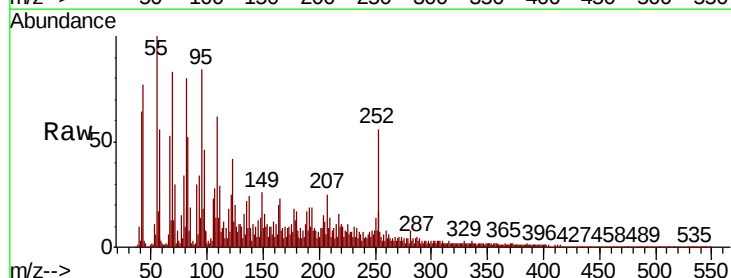
Tgt Ion:252 Resp: 146995

Ion Ratio Lower Upper

252 100

253 29.7 17.7 26.5#

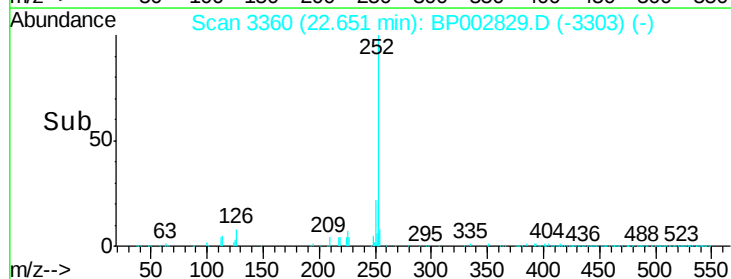
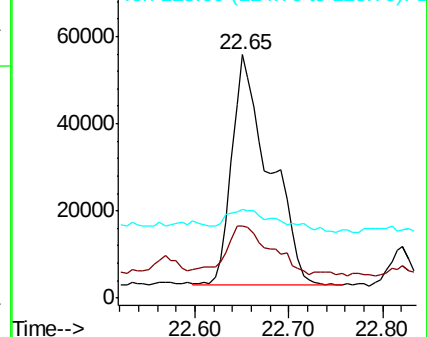
125 36.3 8.2 12.2#

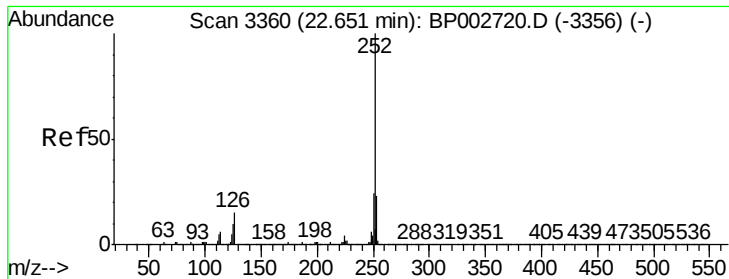


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

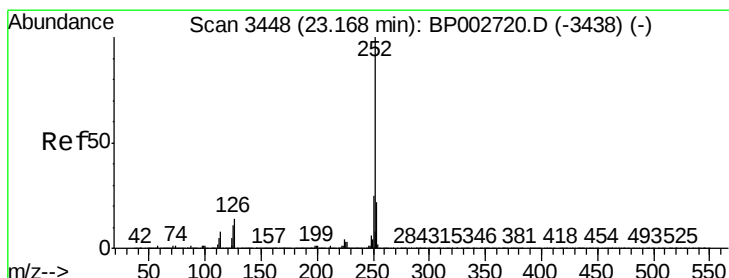
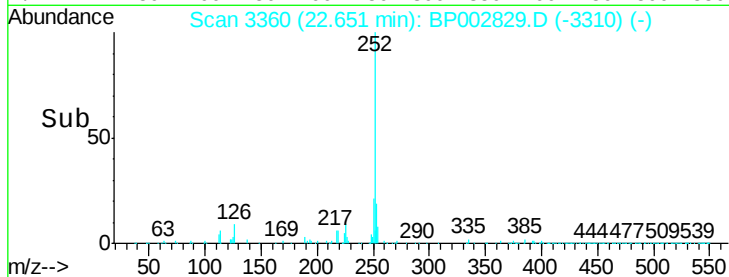
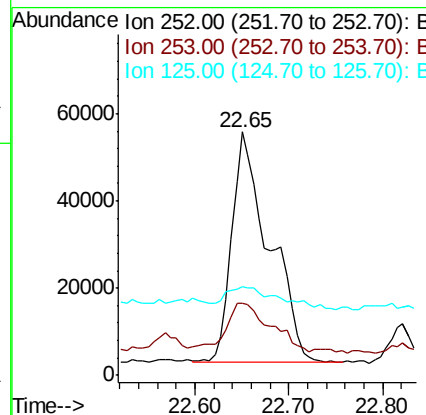
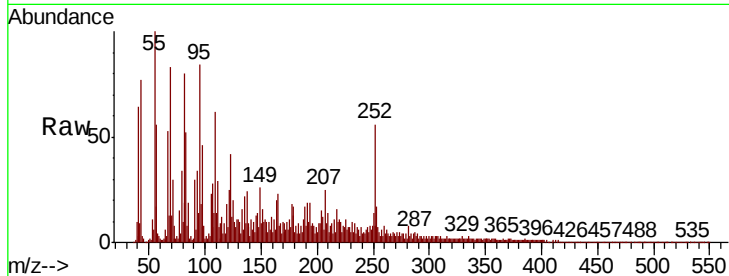




#89  
Benzo(k)fluoranthene  
Concen: 8.052 ng  
RT: 22.65 min Scan# 3360  
Delta R.T. -0.01 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

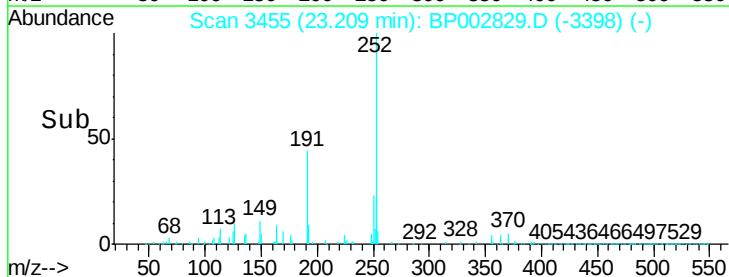
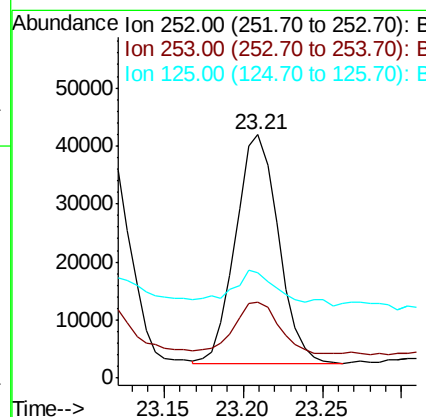
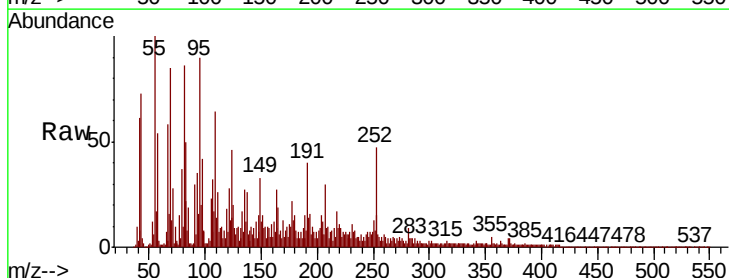
Instrument :  
BNA\_P  
ClientSampleId :

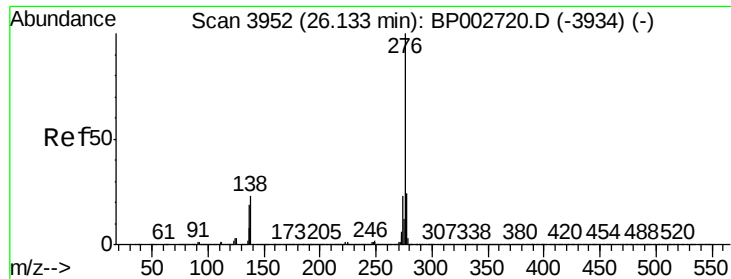
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 29.7  | 17.8  | 26.8# |
| 125     | 36.3  | 8.3   | 12.5# |



#90  
Benzo(a)pyrene  
Concen: 4.252 ng  
RT: 23.21 min Scan# 3455  
Delta R.T. 0.04 min  
Lab File: BP002829.D  
Acq: 22 Jul 2020 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 31.2  | 17.6  | 26.4# |
| 125     | 43.3  | 8.6   | 13.0# |





#92

Benzo(a,h,i)perylene

Concen: 5.275 ng

RT: 26.17 min Scan# 3959

Delta R.T. 0.03 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA\_P

ClientSampleId :

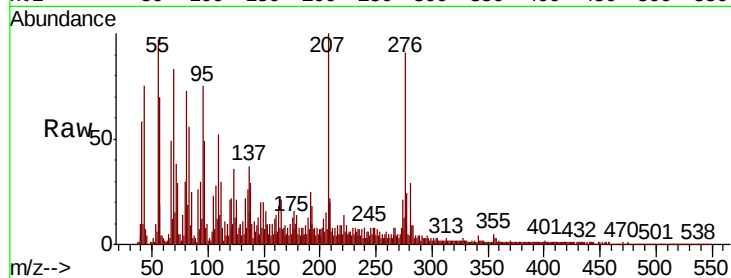
Tot Ion: 276 Resp: 93047

Ion Ratio Lower Upper

276 100

277 26.3 19.1 28.7

138 31.5 18.3 27.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

