

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\  
 Data File : BP002763.D  
 Acq On : 15 Jul 2020 20:11  
 Operator : CG/JU  
 Sample : L3305-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FK-GF-02-057-B

Quant Time: Jul 16 00:42:27 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 | 7.56  | 152  | 157534   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.33 | 136  | 647456   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.21 | 164  | 377033   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.97 | 188  | 774934   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.08 | 240  | 576720   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.27 | 264  | 547358   | 20.00 | ng    | 0.01     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.19  | 112 | 662404  | 70.94 | ng | 0.00 |
| 7) Phenol-d6                | 6.76  | 99  | 905890  | 67.98 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.70  | 82  | 562091  | 46.43 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330 | 220302  | 55.98 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.82 | 172 | 1171623 | 48.07 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.56 | 244 | 1320726 | 52.50 | ng | 0.00 |

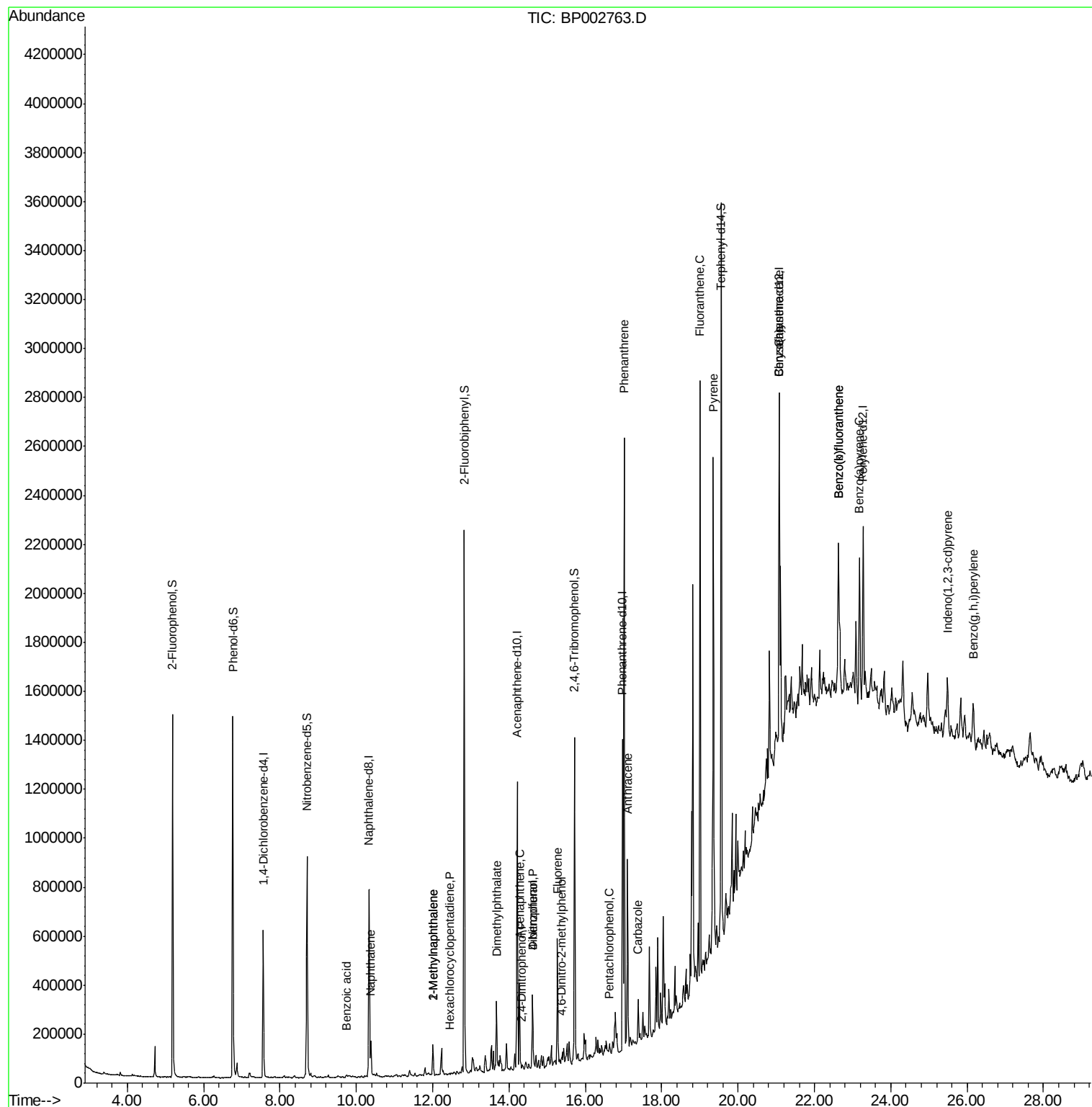
|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 31) Naphthalene                | 10.38 | 128 | 111800  | 3.271  | ng | 98   |
| 32) Benzoic acid               | 9.75  | 122 | 133     | 7.078  | ng | # 1  |
| 37) 2-Methylnaphthalene        | 12.00 | 142 | 66150   | 2.742  | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.00 | 142 | 66150   | 2.899  | ng | 97   |
| 41) Hexachlorocyclopentadiene  | 12.46 | 237 | 28      | 7.439  | ng | 87   |
| 50) Dimethylphthalate          | 13.67 | 163 | 189457  | 6.589  | ng | 100  |
| 52) Acenaphthene               | 14.27 | 154 | 120511  | 5.603  | ng | 99   |
| 54) 2,4-Dinitrophenol          | 14.33 | 184 | 31      | 11.382 | ng | # 1  |
| 55) Dibenzofuran               | 14.62 | 168 | 178140  | 5.164  | ng | 97   |
| 56) 4-Nitrophenol              | 14.62 | 139 | 64282   | 15.895 | ng | # 10 |
| 58) Fluorene                   | 15.27 | 166 | 223051  | 8.738  | ng | 96   |
| 65) 4,6-Dinitro-2-methylphenol | 15.35 | 198 | 60      | 5.278  | ng | # 1  |
| 70) Pentachlorophenol          | 16.64 | 266 | 143     | 7.472  | ng | # 81 |
| 71) Phenanthrene               | 17.02 | 178 | 1486354 | 35.425 | ng | 99   |
| 72) Anthracene                 | 17.10 | 178 | 458283  | 11.131 | ng | 99   |
| 73) Carbazole                  | 17.38 | 167 | 112761  | 2.791  | ng | 98   |
| 75) Fluoranthene               | 19.00 | 202 | 1449283 | 29.810 | ng | 98   |
| 78) Pyrene                     | 19.35 | 202 | 1213296 | 30.470 | ng | 99   |
| 81) Benzo(a)anthracene         | 21.06 | 228 | 500805  | 13.415 | ng | 98   |
| 83) Chrysene                   | 21.06 | 228 | 500805  | 14.093 | ng | 95   |
| 87) Indeno(1,2,3-cd)pyrene     | 25.49 | 276 | 219239  | 5.542  | ng | 96   |
| 88) Benzo(b)fluoranthene       | 22.62 | 252 | 620570  | 18.259 | ng | # 87 |
| 89) Benzo(k)fluoranthene       | 22.62 | 252 | 620570  | 18.537 | ng | # 87 |
| 90) Benzo(a)pyrene             | 23.18 | 252 | 355871  | 11.049 | ng | # 94 |
| 92) Benzo(g,h,i)perylene       | 26.16 | 276 | 218717  | 6.761  | ng | 94   |

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

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ALS Vial : 15 Sample Multiplier: 1

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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  
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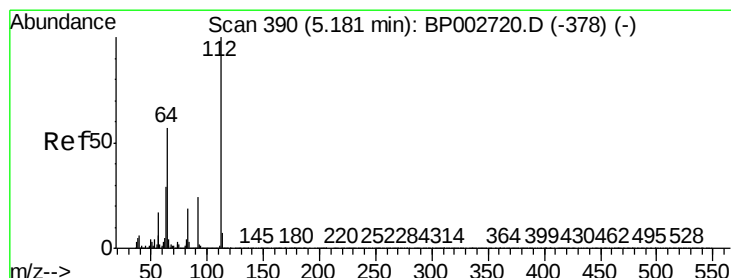
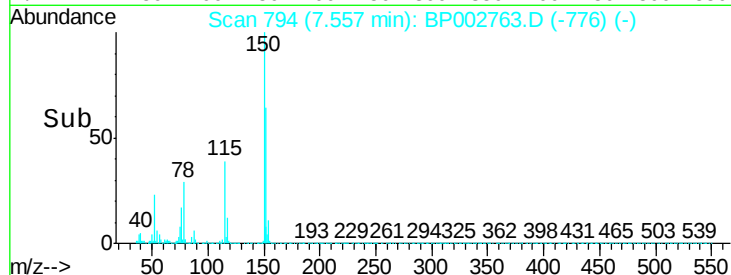
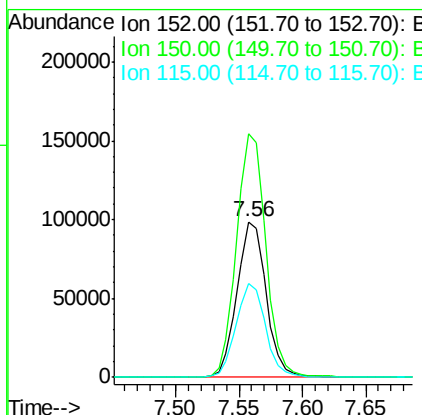
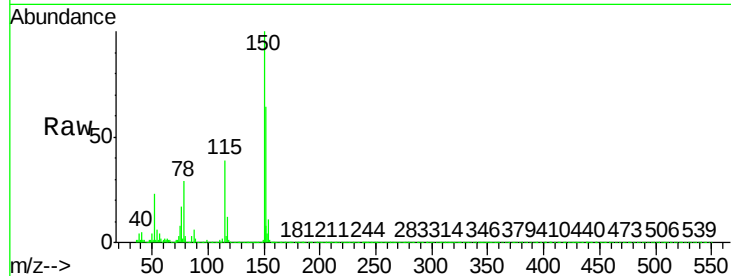


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.56 min Scan# 794  
Delta R.T. 0.01 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

Instrument :  
BNA\_P  
ClientSampleId :  
FK-GF-02-057-B

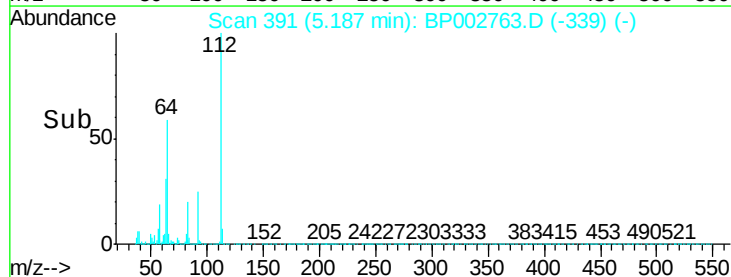
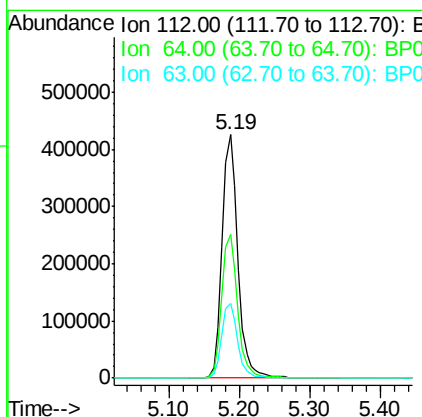
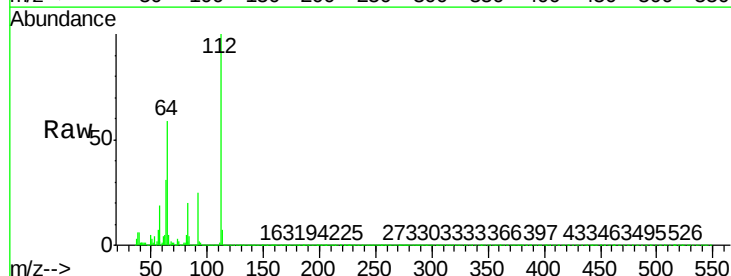
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 123.7 | 185.5 |
| 115     | 60.7  | 47.2  | 70.8  |

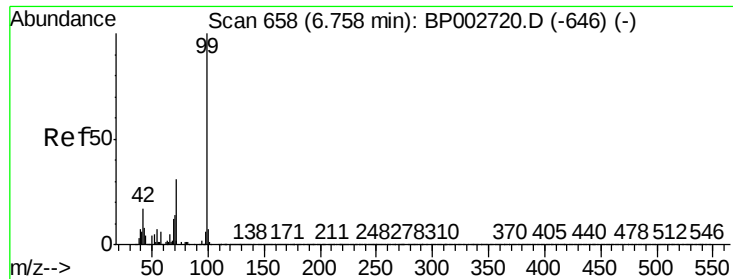


#5

2-Fluorophenol  
Concen: 70.943 ng  
RT: 5.19 min Scan# 391  
Delta R.T. 0.01 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.1  | 45.6  | 68.4  |
| 63      | 30.6  | 23.5  | 35.3  |





#7

Phenol-d6

Concen: 67.981 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

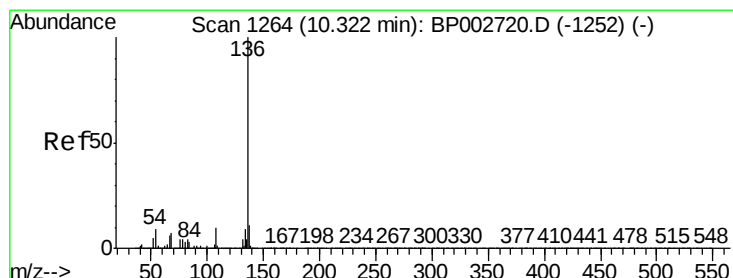
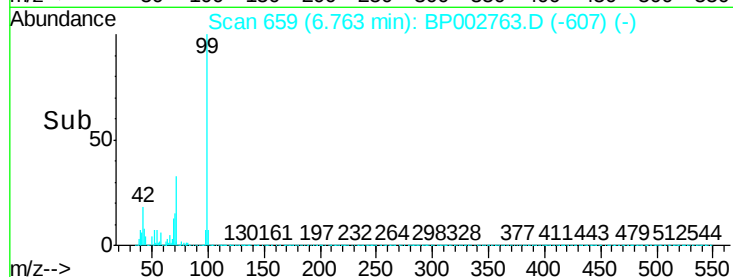
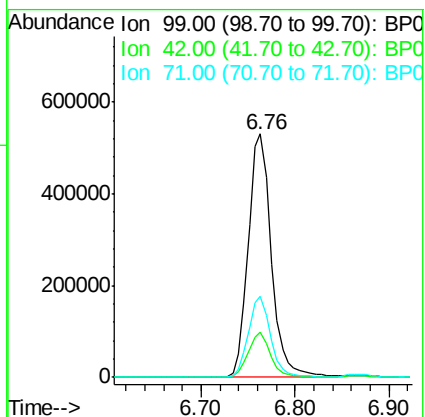
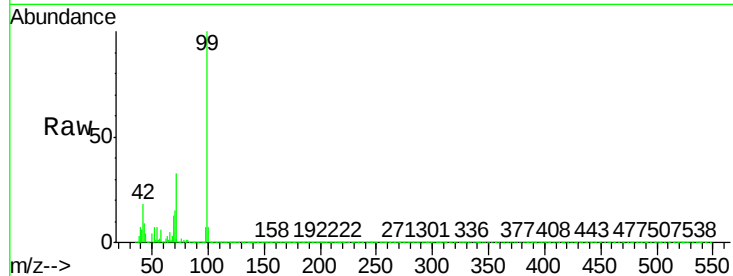
Tot Ion: 99 Resp: 905890

Ion Ratio Lower Upper

99 100

42 18.4 13.4 20.2

71 33.1 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Tgt Ion: 136 Resp: 647456

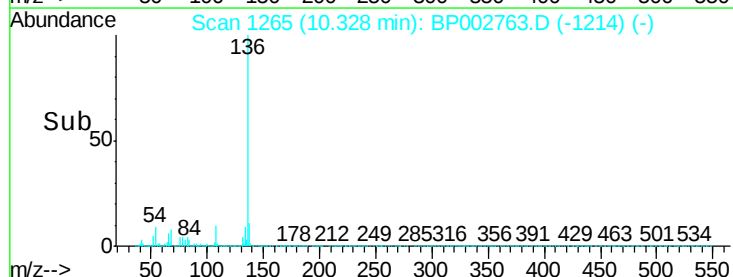
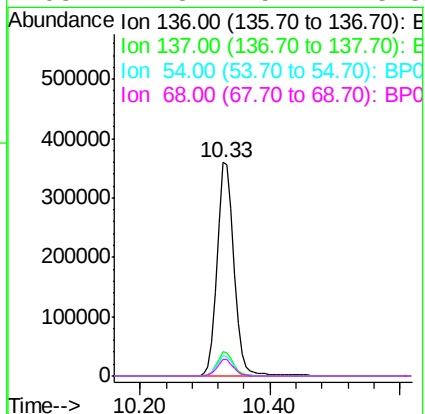
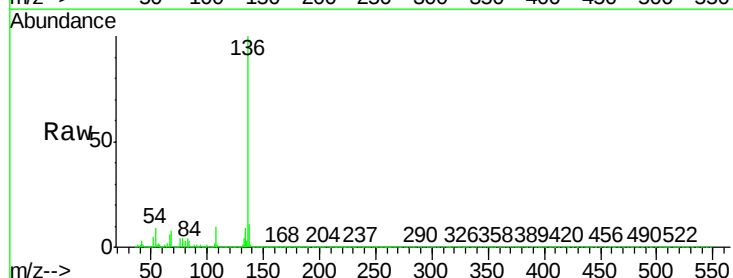
Ion Ratio Lower Upper

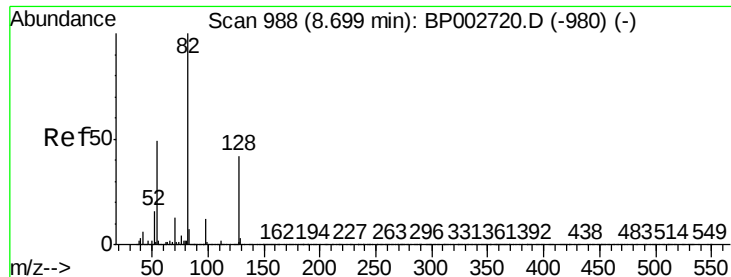
136 100

137 11.3 8.6 13.0

54 9.4 6.9 10.3

68 7.8 5.7 8.5

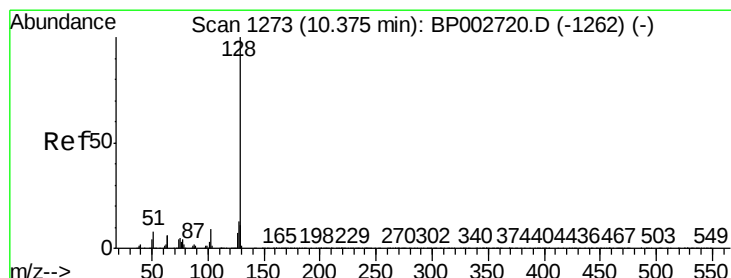
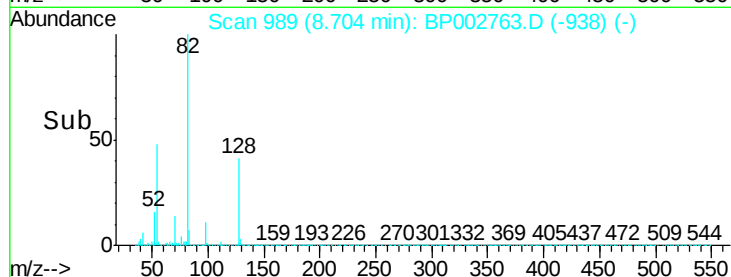
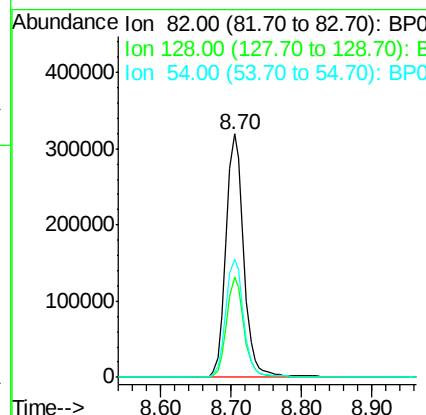
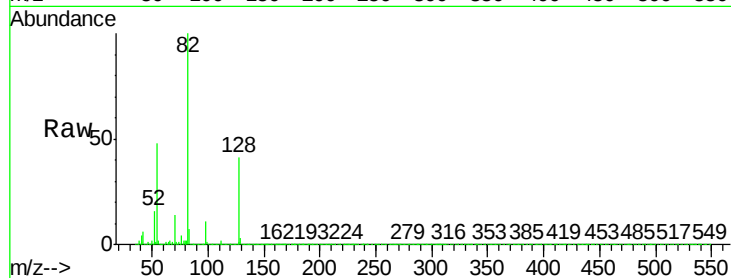




#23  
Nitrobenzene-d5  
Concen: 46.432 ng  
RT: 8.70 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

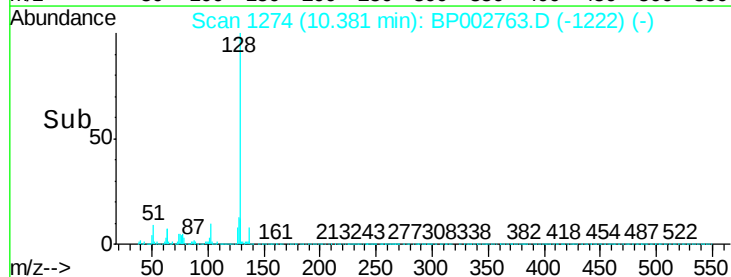
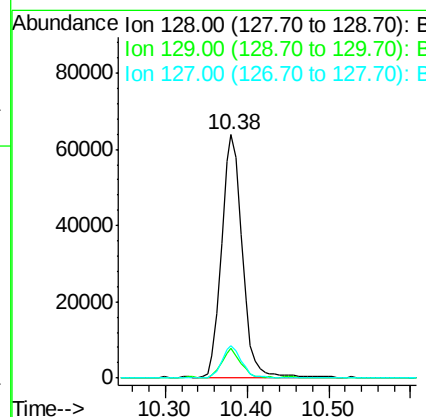
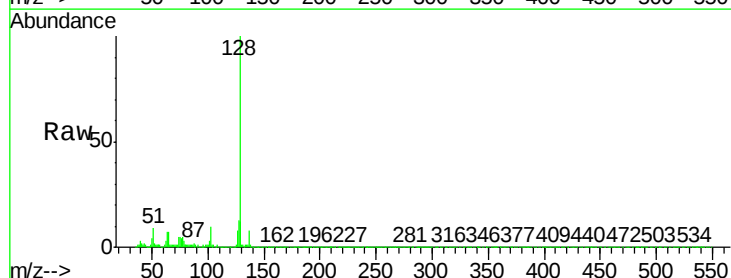
Instrument :  
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ClientSampleId :  
FK-GF-02-057-B

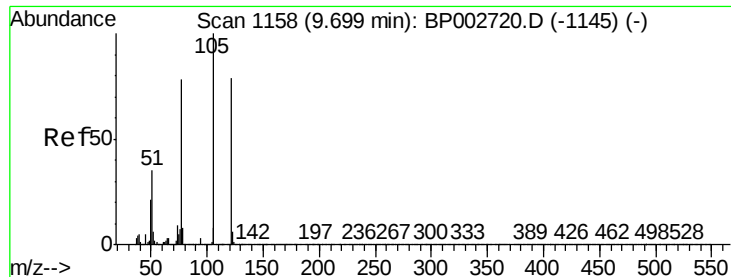
| Tot Ion   | 82    | Resp  | 562091 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.4  | 33.8  | 50.8   |
| 54        | 48.4  | 38.8  | 58.2   |



#31  
Naphthalene  
Concen: 3.271 ng  
RT: 10.38 min Scan# 1274  
Delta R.T. 0.01 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

| Tgt Ion   | 128   | Resp  | 111800 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 12.2  | 8.6   | 13.0   |
| 127       | 13.2  | 10.6  | 15.8   |

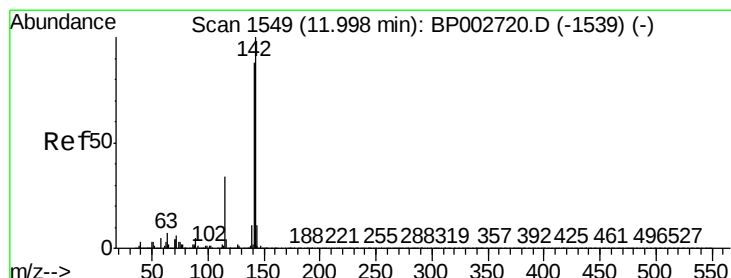
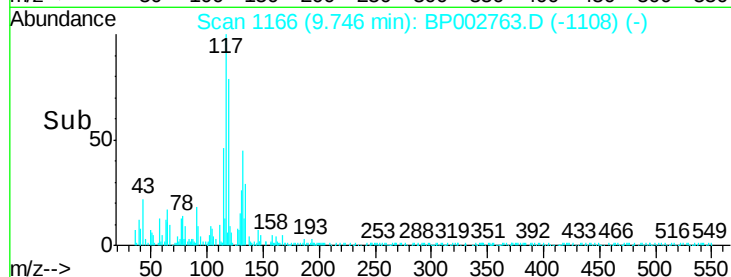
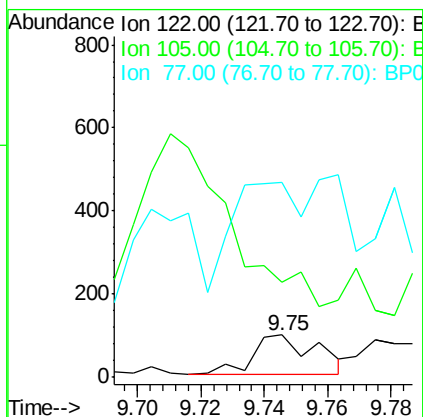
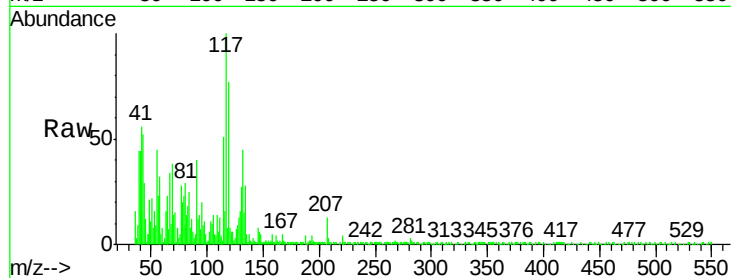




#32  
Benzoic acid  
Concen: 7.078 ng  
RT: 9.75 min Scan# 1166  
Delta R.T. 0.04 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

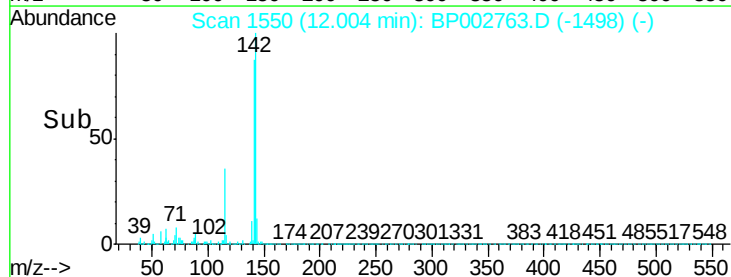
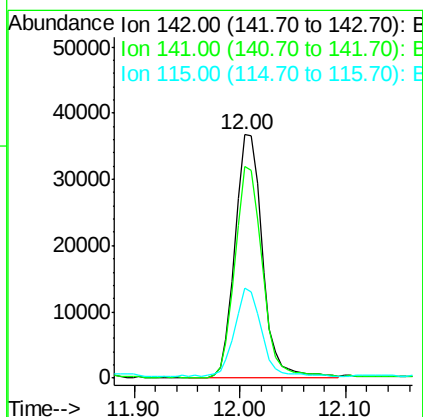
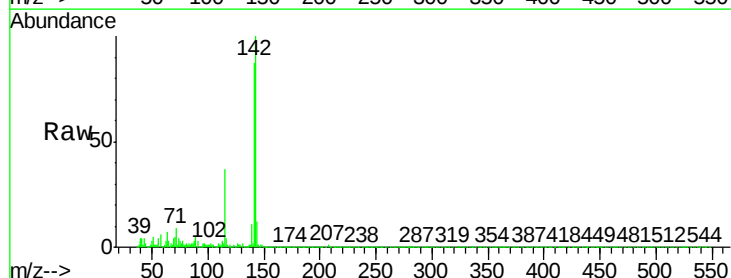
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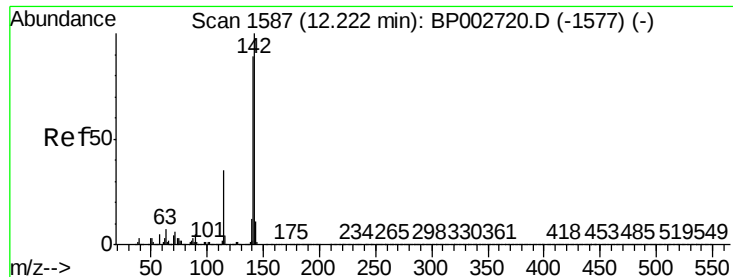
Tot Ion:122 Resp: 133  
Ion Ratio Lower Upper  
122 100  
105 224.5 105.4 145.4#  
77 458.8 78.5 118.5#



#37  
2-Methylnaphthalene  
Concen: 2.742 ng  
RT: 12.00 min Scan# 1550  
Delta R.T. 0.01 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

Tgt Ion:142 Resp: 66150  
Ion Ratio Lower Upper  
142 100  
141 86.9 70.4 105.6  
115 36.8 27.0 40.6

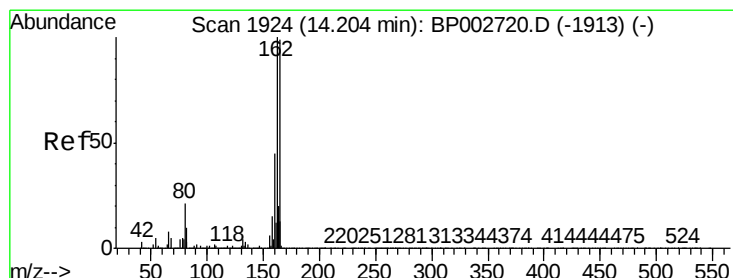
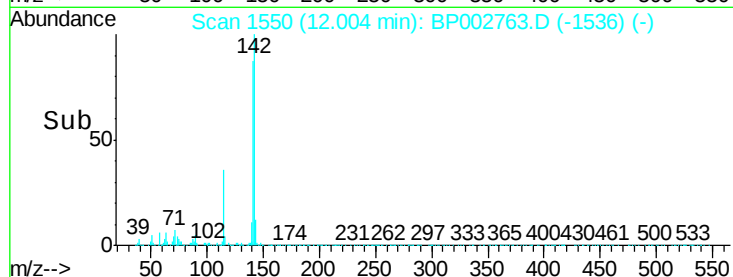
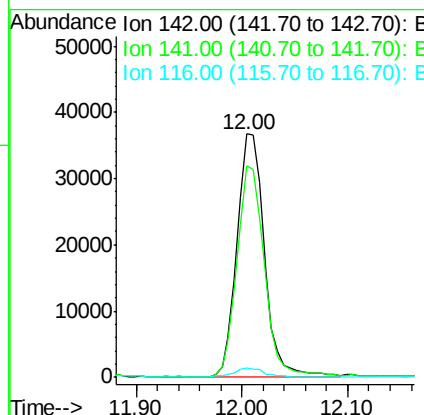
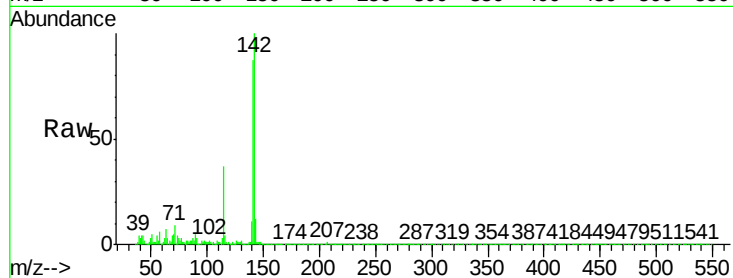




#38  
 1-Methylnaphthalene  
 Concen: 2.899 ng  
 RT: 12.00 min Scan# 1550  
 Delta R.T. -0.22 min  
 Lab File: BP002763.D  
 Acq: 15 Jul 2020 20:11

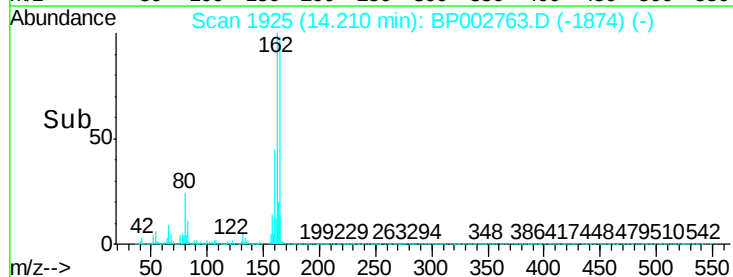
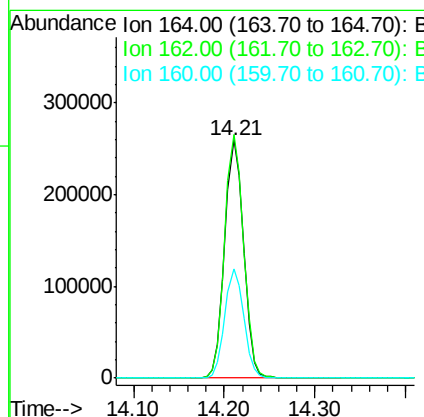
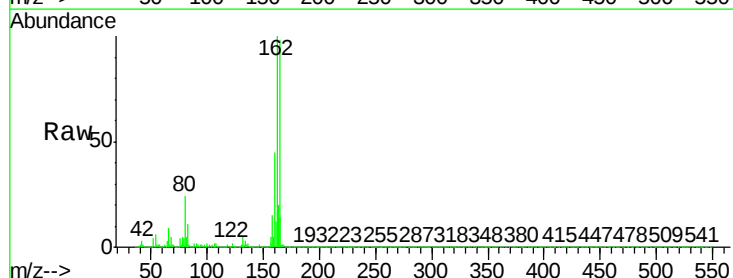
Instrument :  
 BNA\_P  
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 FK-GF-02-057-B

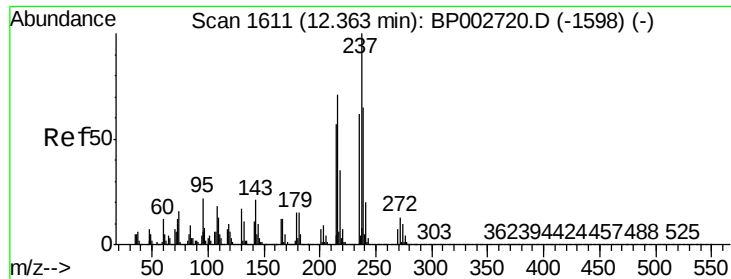
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 Ion Ratio Lower Upper  
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 141 86.9 71.5 107.3  
 116 3.9 2.9 4.3



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.21 min Scan# 1925  
 Delta R.T. 0.00 min  
 Lab File: BP002763.D  
 Acq: 15 Jul 2020 20:11

Tgt Ion:164 Resp: 377033  
 Ion Ratio Lower Upper  
 164 100  
 162 102.1 80.6 121.0  
 160 46.1 36.4 54.6

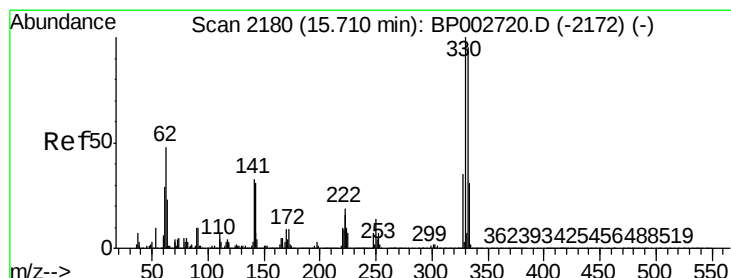
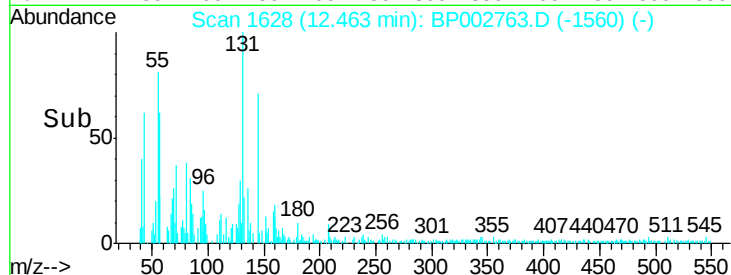
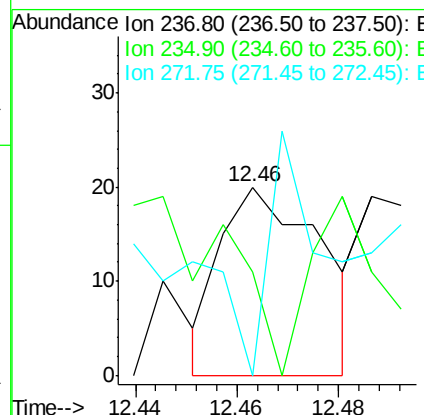
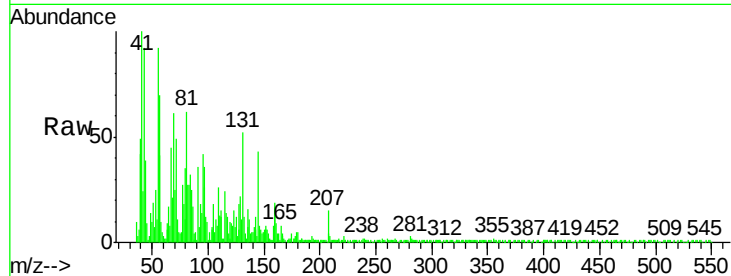




#41  
Hexachlorocyclopentadiene  
Concen: 7.439 ng  
RT: 12.46 min Scan# 1628  
Delta R.T. 0.10 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

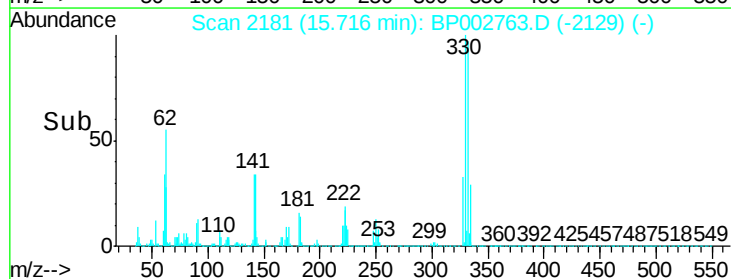
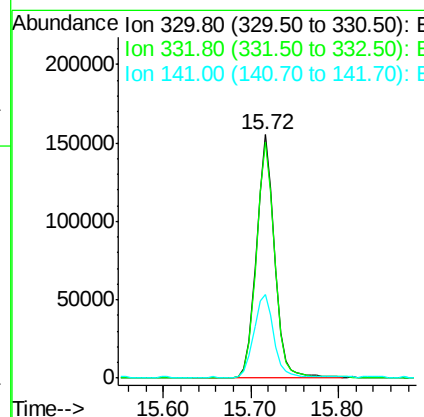
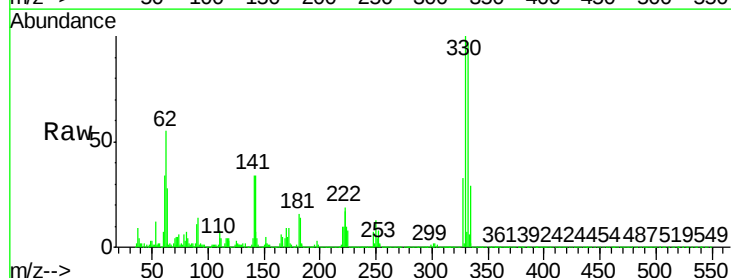
Instrument :  
BNA\_P  
ClientSampleId :  
FK-GF-02-057-B

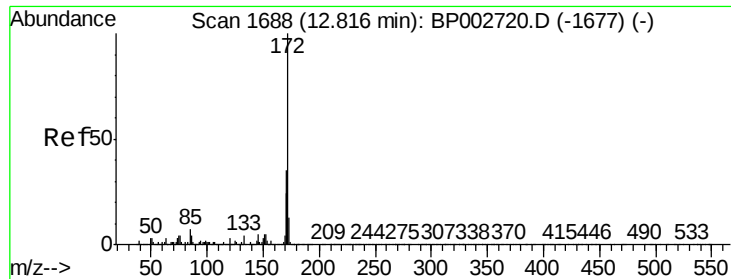
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Ion Ratio Lower Upper  
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235 55.0 42.3 82.3  
272 0.0 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 55.976 ng  
RT: 15.72 min Scan# 2181  
Delta R.T. 0.01 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

Tgt Ion:330 Resp: 220302  
Ion Ratio Lower Upper  
330 100  
332 98.4 76.5 114.7  
141 36.6 28.8 43.2

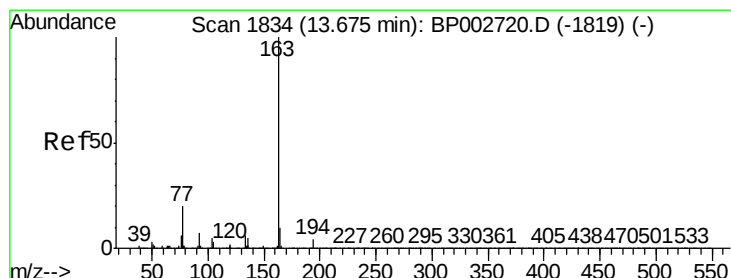
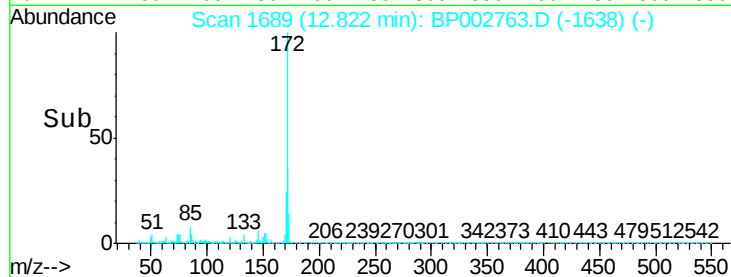
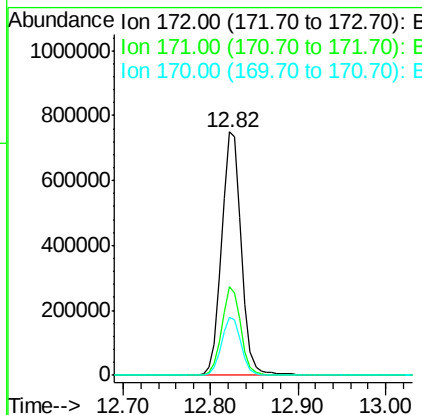
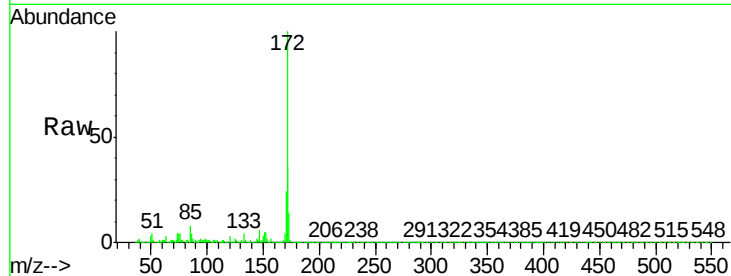




#45  
2-Fluorobiphenyl  
Concen: 48.072 ng  
RT: 12.82 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

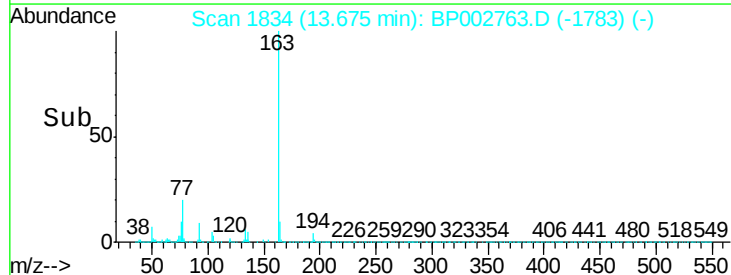
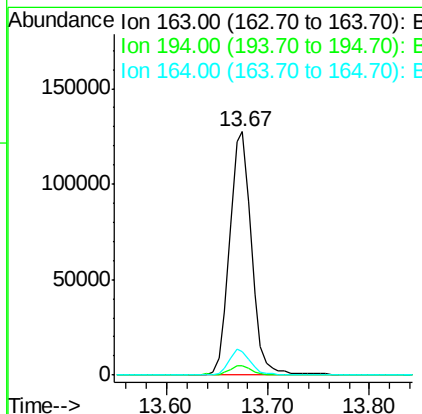
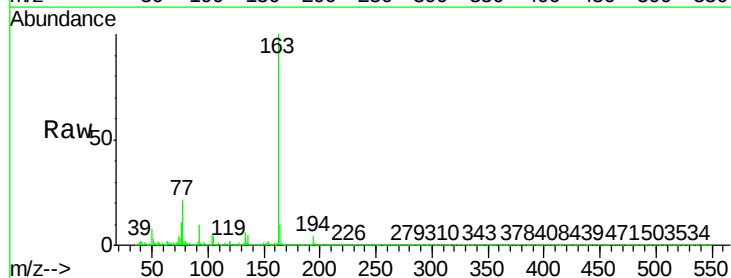
Instrument :  
BNA\_P  
ClientSampleId :  
FK-GF-02-057-B

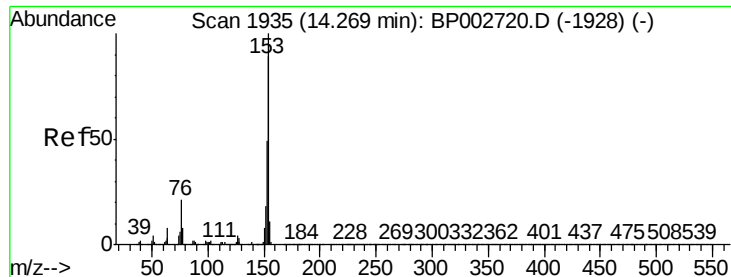
Tot Ion:172 Resp: 1171623  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.1 42.1  
170 23.8 19.3 28.9



#50  
Dimethylphthalate  
Concen: 6.589 ng  
RT: 13.67 min Scan# 1834  
Delta R.T. 0.00 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

Tgt Ion:163 Resp: 189457  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.2  
164 9.7 7.8 11.8





#52

Acenaphthene

Concen: 5.603 ng

RT: 14.27 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

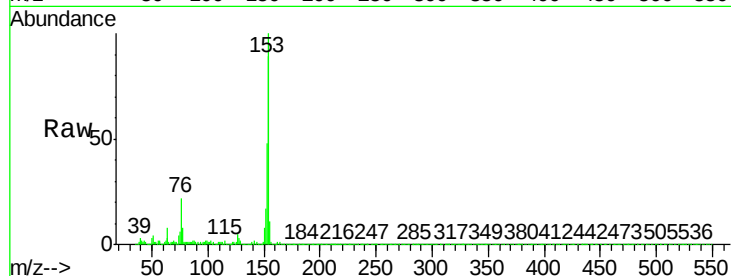
Tot Ion:154 Resp: 120511

Ion Ratio Lower Upper

154 100

153 112.0 90.1 135.1

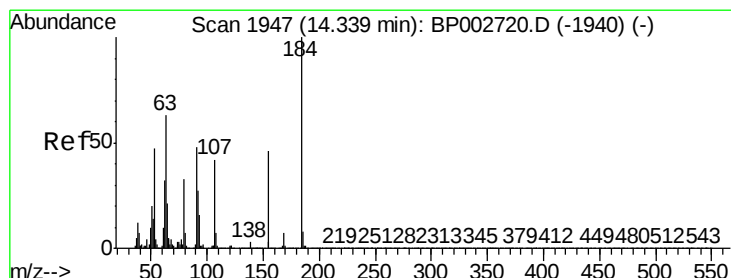
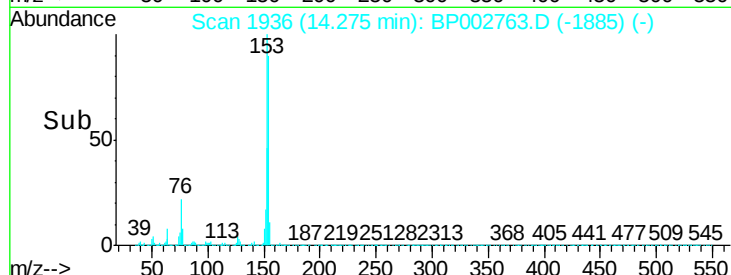
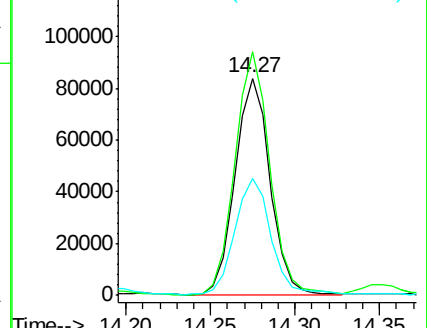
152 54.0 43.8 65.6



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



#54

2,4-Dinitrophenol

Concen: 11.382 ng

RT: 14.33 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

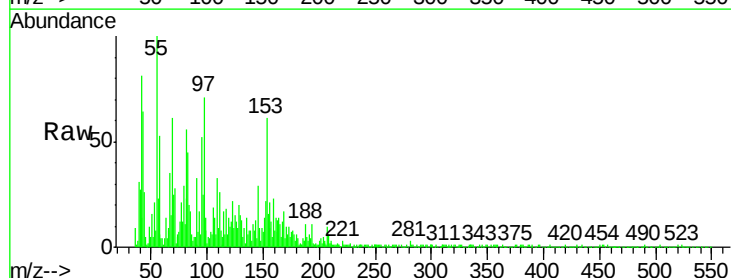
Tgt Ion:184 Resp: 31

Ion Ratio Lower Upper

184 100

63 817.8 51.6 77.4#

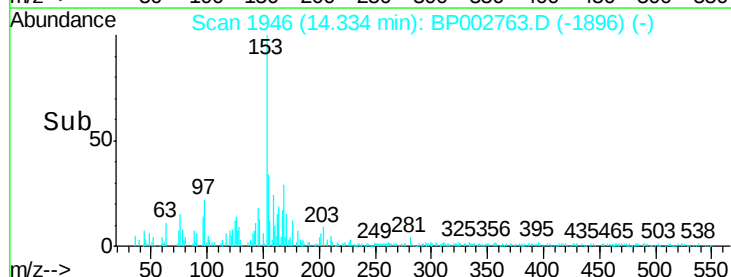
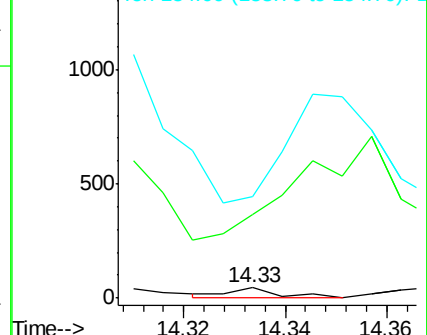
154 982.2 45.0 67.6#

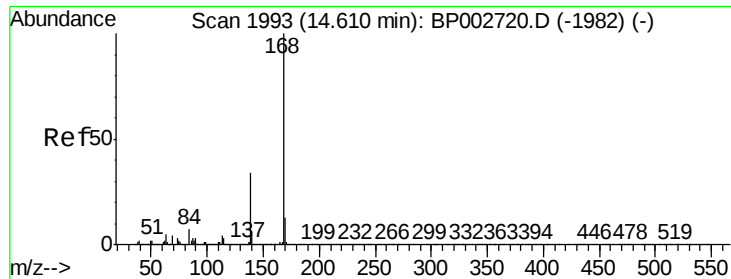


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

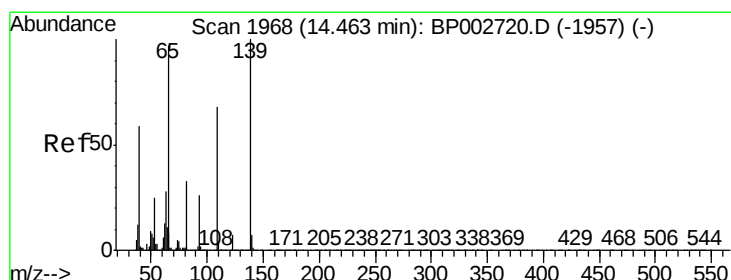
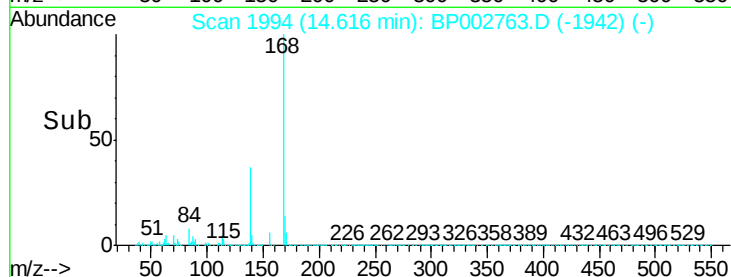
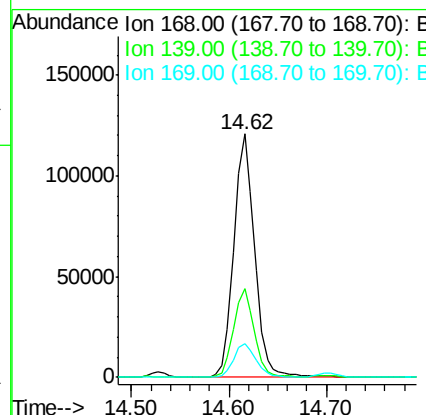
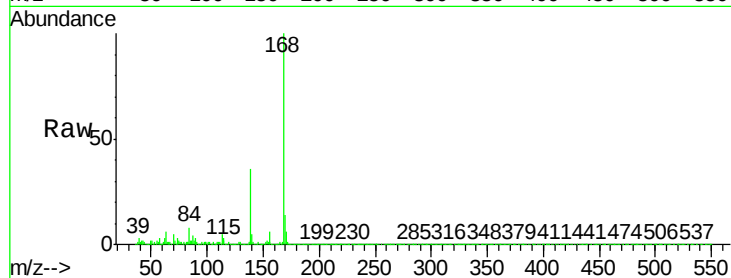




#55  
Dibenzofuran  
Concen: 5.164 ng  
RT: 14.62 min Scan# 1994  
Delta R.T. 0.01 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

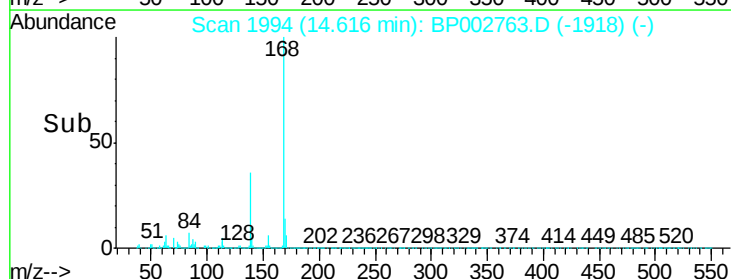
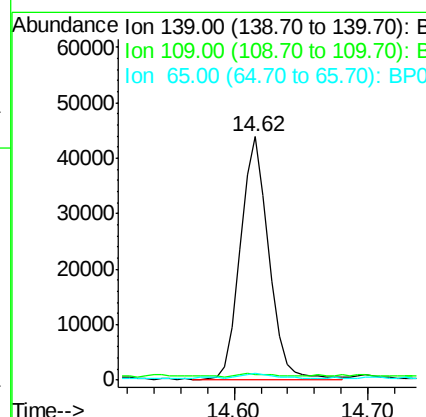
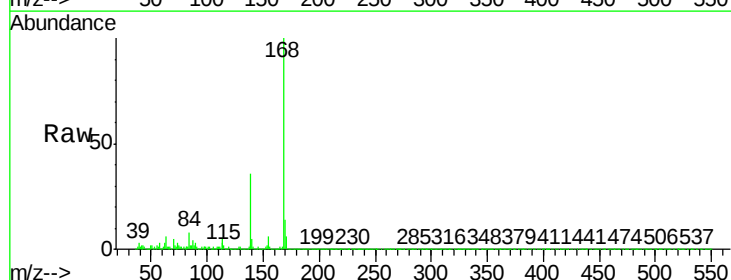
Instrument :  
BNA\_P  
ClientSampleId :  
FK-GF-02-057-B

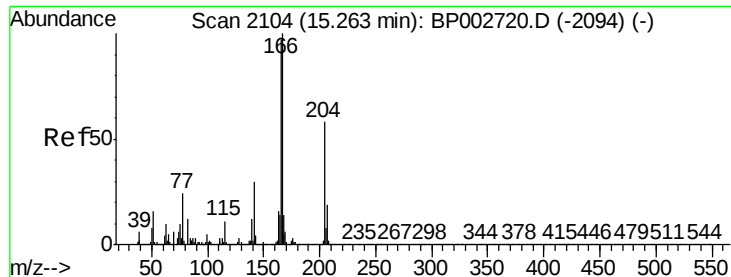
Tot Ion:168 Resp: 178140  
Ion Ratio Lower Upper  
168 100  
139 36.3 27.1 40.7  
169 13.9 10.8 16.2



#56  
4-Nitrophenol  
Concen: 15.895 ng  
RT: 14.62 min Scan# 1994  
Delta R.T. 0.15 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

Tgt Ion:139 Resp: 64282  
Ion Ratio Lower Upper  
139 100  
109 2.5 48.1 88.1#  
65 2.7 77.9 117.9#





#58

Fluorene

Concen: 8.738 ng

RT: 15.27 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

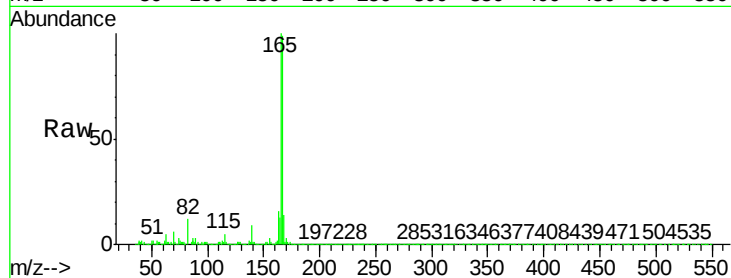
Tot Ion:166 Resp: 223051

Ion Ratio Lower Upper

166 100

165 101.0 77.7 116.5

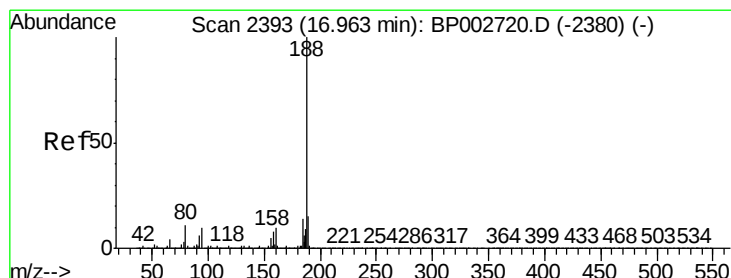
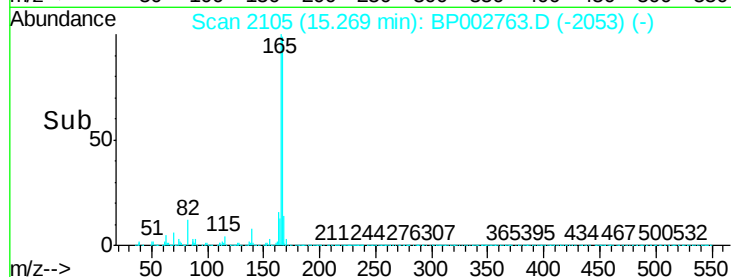
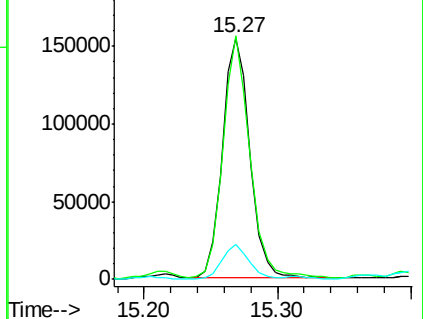
167 14.6 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

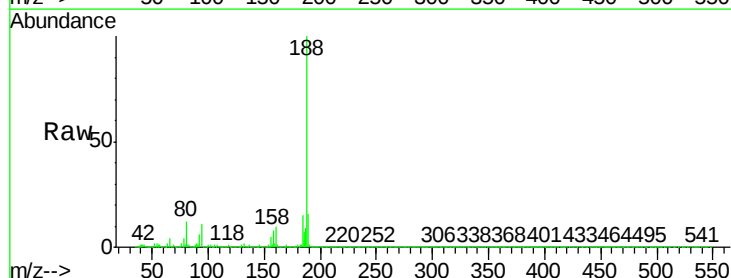
Tgt Ion:188 Resp: 774934

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

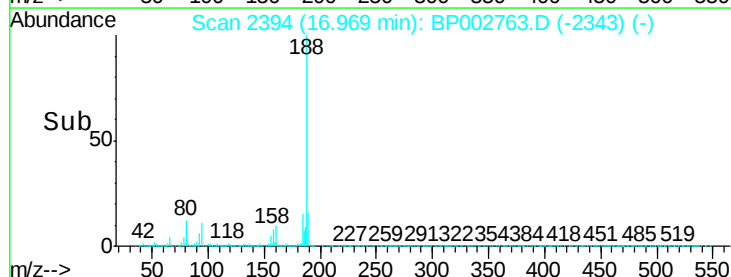
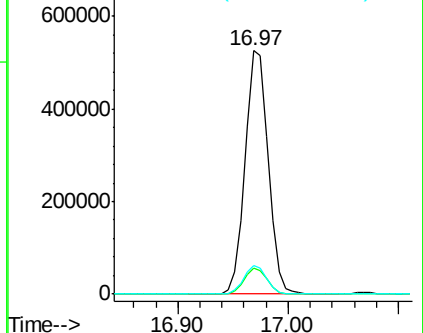
80 11.9 8.9 13.3

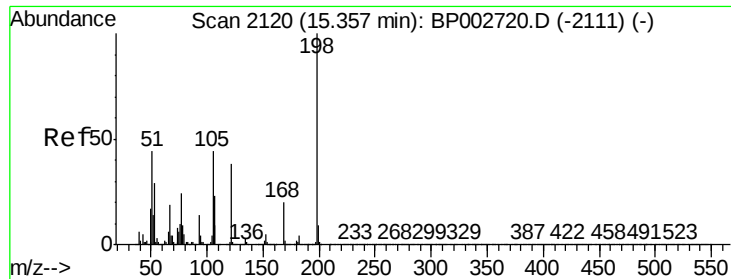


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.278 ng

RT: 15.35 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

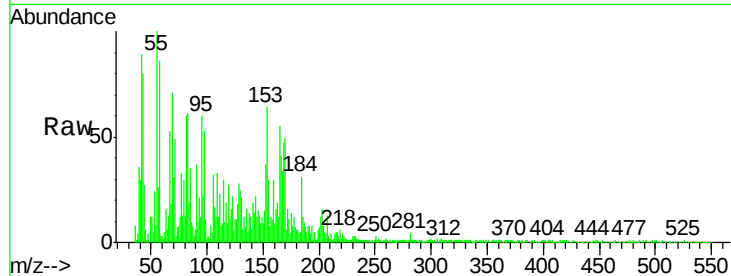
Tot Ion:198 Resp: 60

Ion Ratio Lower Upper

198 100

51 398.8 27.1 67.1#

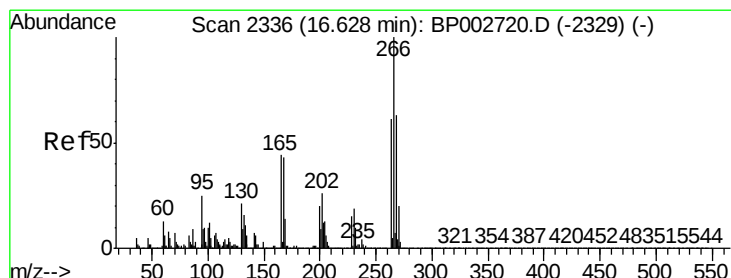
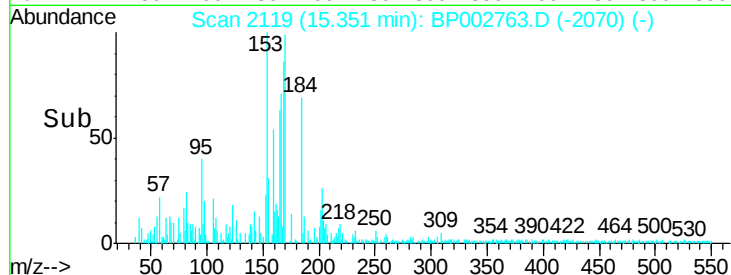
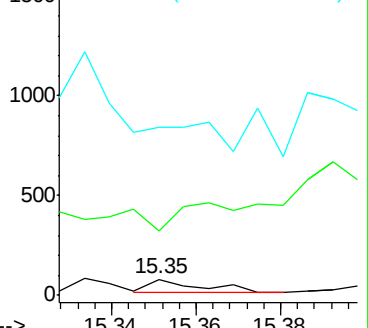
105 1040.7 24.9 64.9#



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: 7.472 ng

RT: 16.64 min Scan# 2338

Delta R.T. 0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

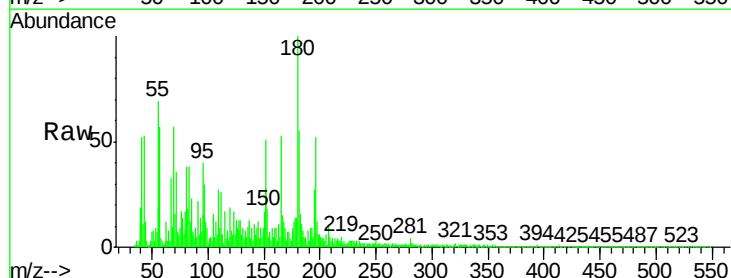
Tgt Ion:266 Resp: 143

Ion Ratio Lower Upper

266 100

268 59.2 50.6 75.8

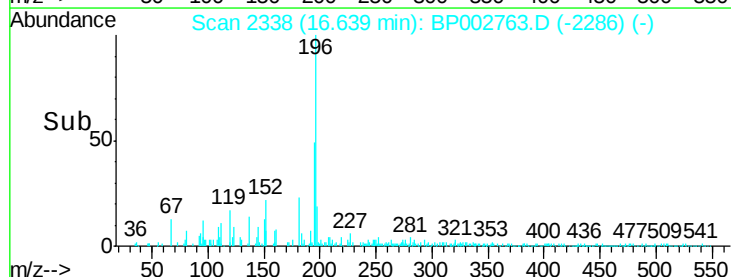
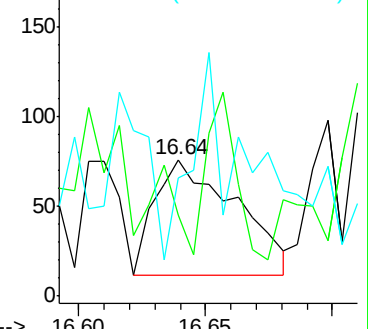
264 86.8 48.6 72.8#

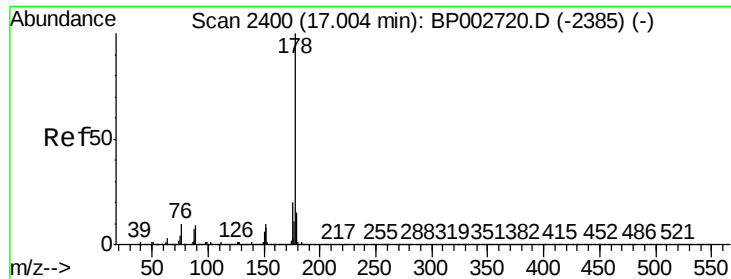


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.425 ng

RT: 17.02 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

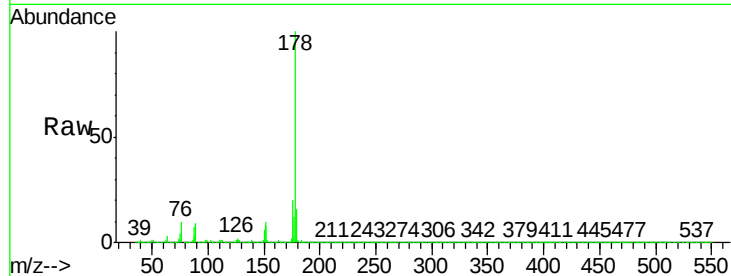
Tot Ion:178 Resp: 1486354

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

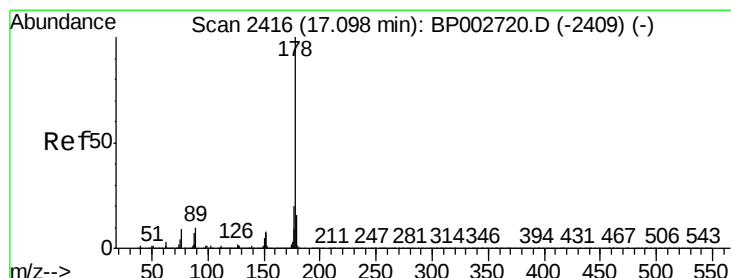
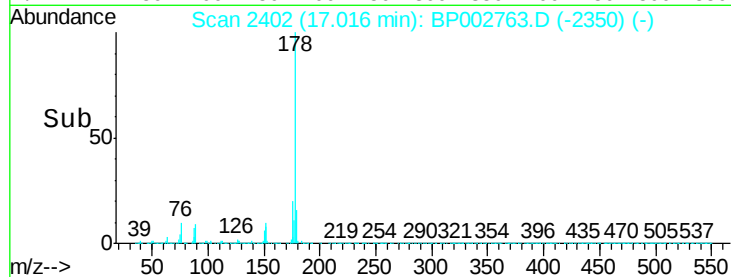
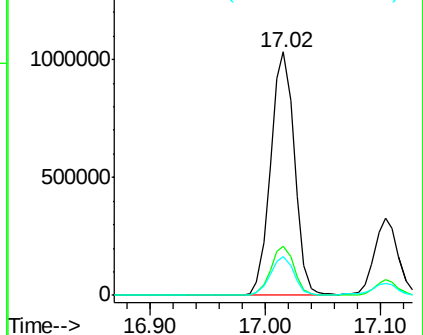
179 15.8 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 11.131 ng

RT: 17.10 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

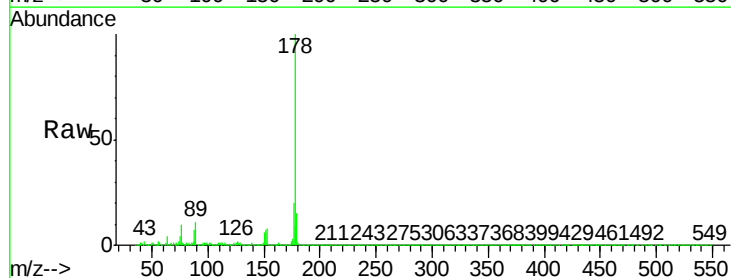
Tgt Ion:178 Resp: 458283

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

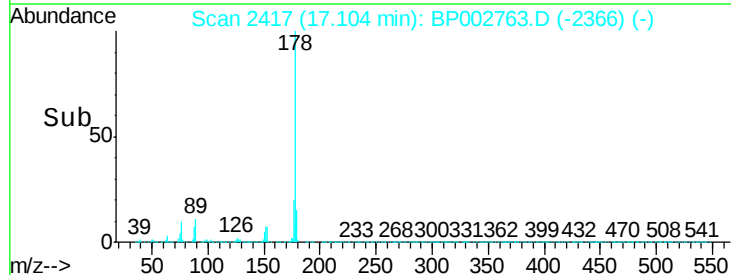
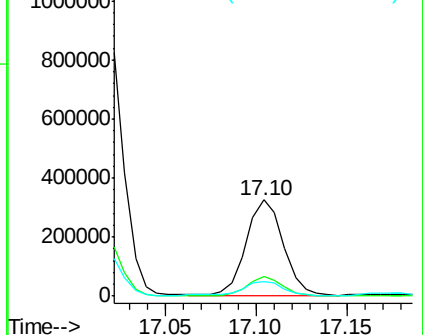
179 15.2 12.6 19.0

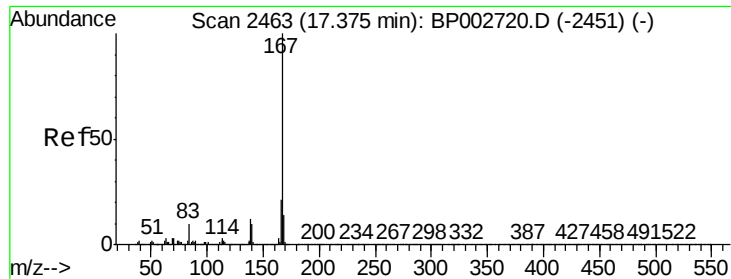


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

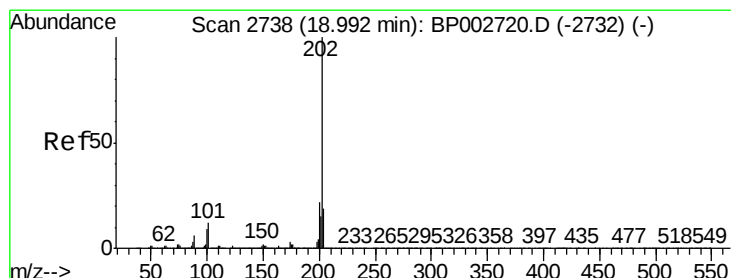
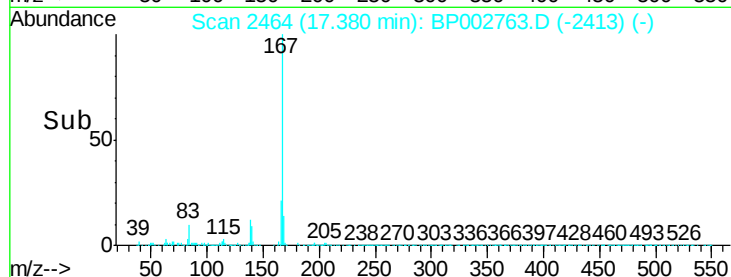
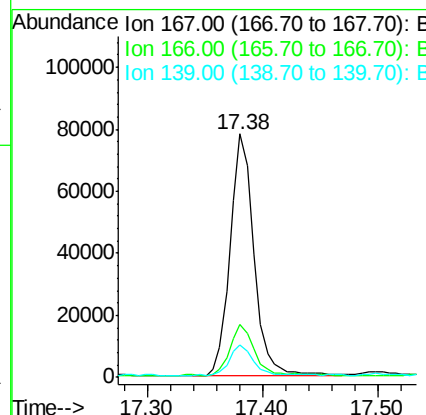
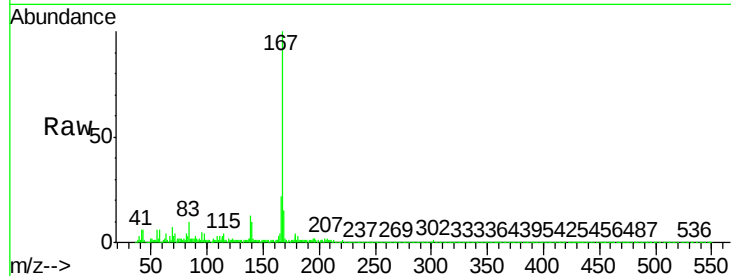




#73  
 Carbazole  
 Concen: 2.791 ng  
 RT: 17.38 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: BP002763.D  
 Acq: 15 Jul 2020 20:11

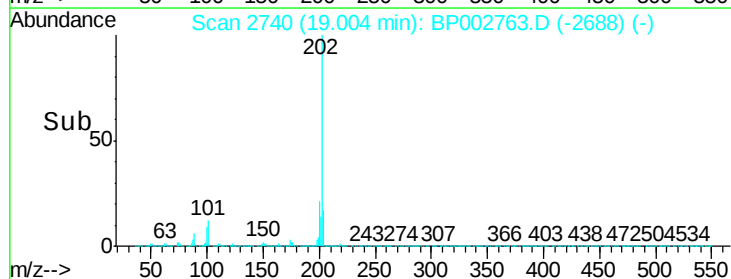
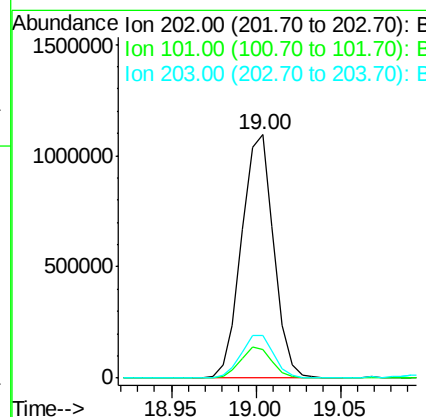
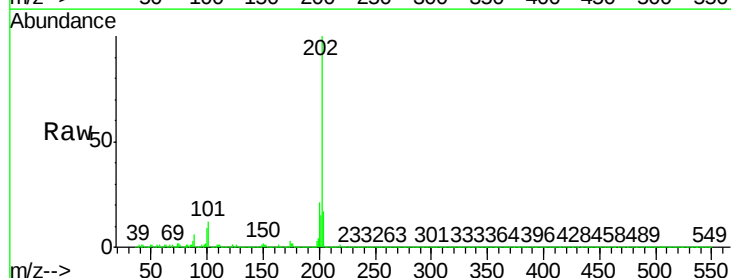
Instrument :  
 BNA\_P  
 ClientSampleId :  
 FK-GF-02-057-B

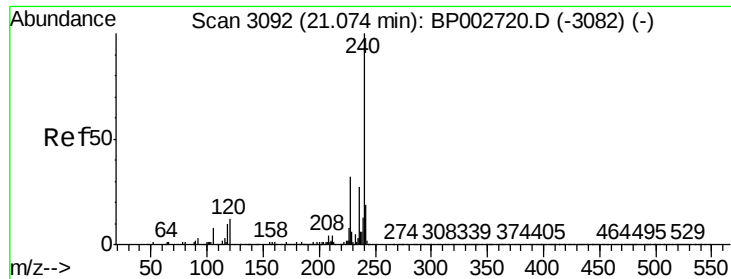
Tot Ion:167 Resp: 112761  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.1 25.7  
 139 13.2 9.6 14.4



#75  
 Fluoranthene  
 Concen: 29.810 ng  
 RT: 19.00 min Scan# 2740  
 Delta R.T. 0.01 min  
 Lab File: BP002763.D  
 Acq: 15 Jul 2020 20:11

Tgt Ion:202 Resp: 1449283  
 Ion Ratio Lower Upper  
 202 100  
 101 11.7 0.0 32.5  
 203 17.5 0.0 38.6

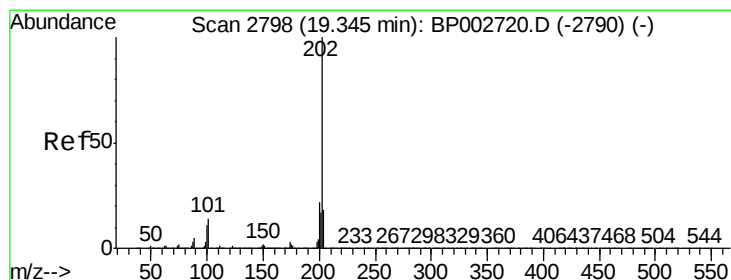
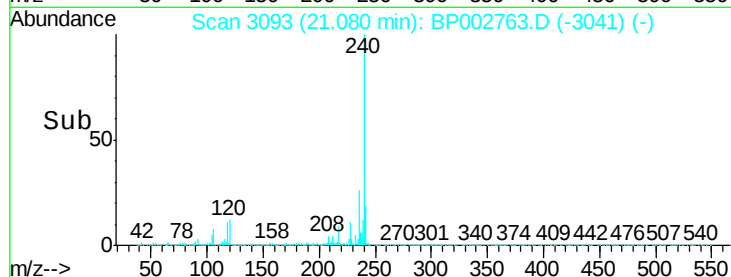
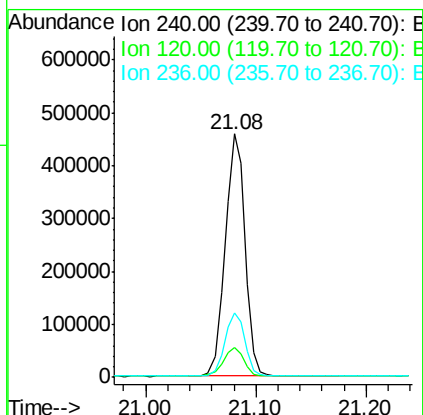
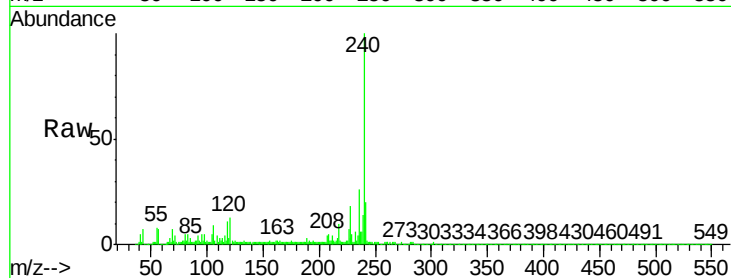




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.08 min Scan# 3093  
Delta R.T. 0.01 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

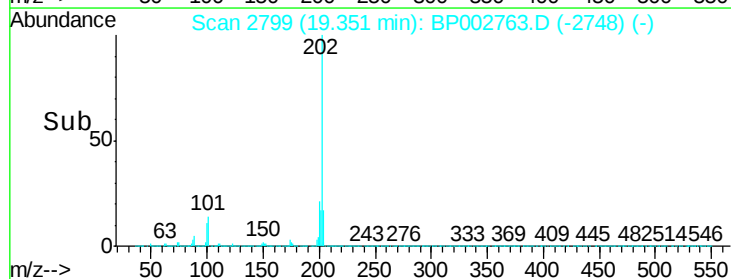
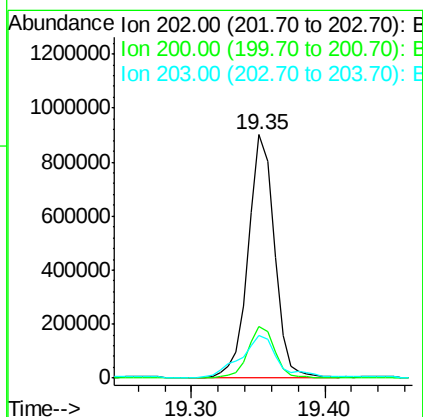
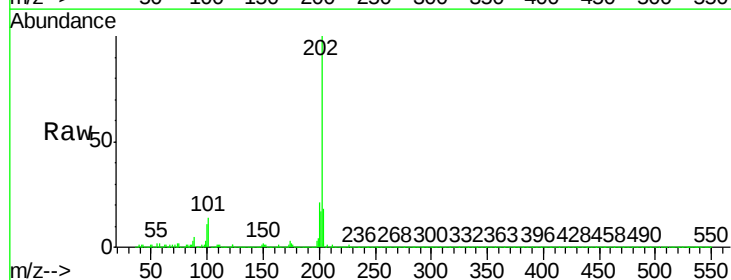
Instrument :  
BNA\_P  
ClientSampleId :  
FK-GF-02-057-B

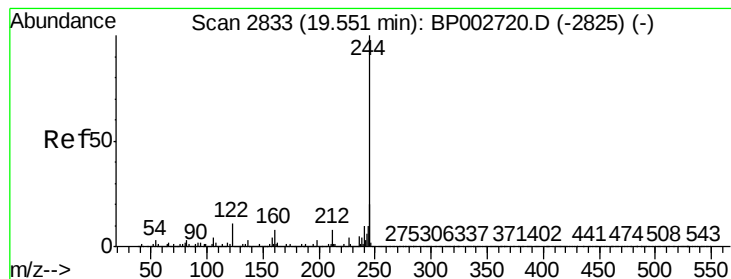
Tot Ion:240 Resp: 576720  
Ion Ratio Lower Upper  
240 100  
120 12.5 9.4 14.2  
236 26.4 21.3 31.9



#78  
Pyrene  
Concen: 30.470 ng  
RT: 19.35 min Scan# 2799  
Delta R.T. 0.00 min  
Lab File: BP002763.D  
Acq: 15 Jul 2020 20:11

Tgt Ion:202 Resp: 1213296  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.7 26.5  
203 17.7 14.5 21.7





#79

Terphenyl-d14

Concen: 52.505 ng

RT: 19.56 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

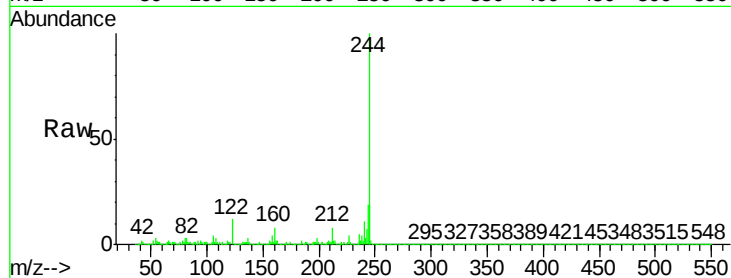
Tot Ion:244 Resp: 1320726

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

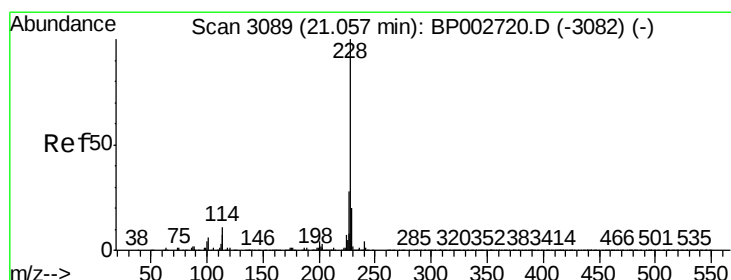
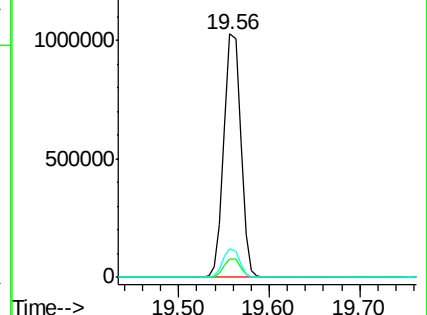
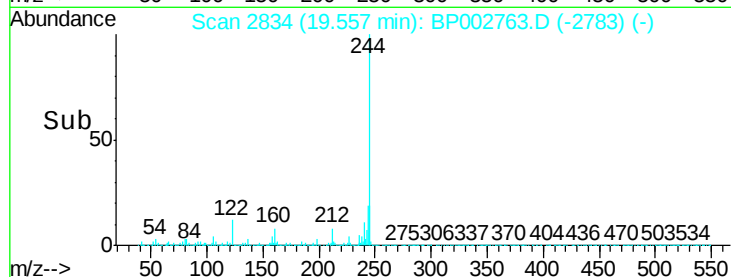
122 11.8 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 13.415 ng

RT: 21.06 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

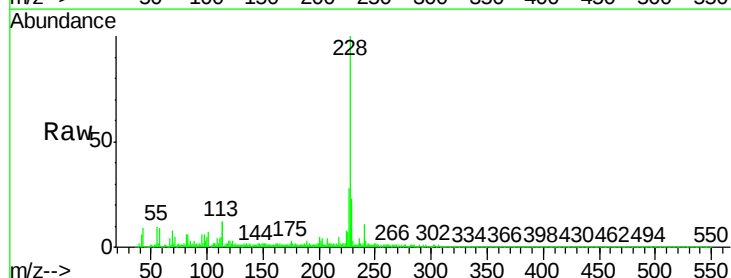
Tgt Ion:228 Resp: 500805

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

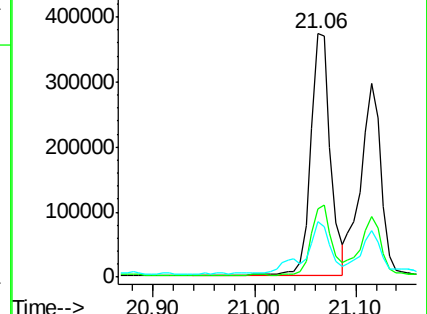
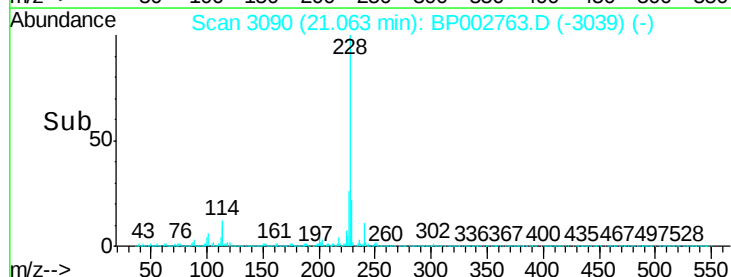
229 22.7 16.0 24.0

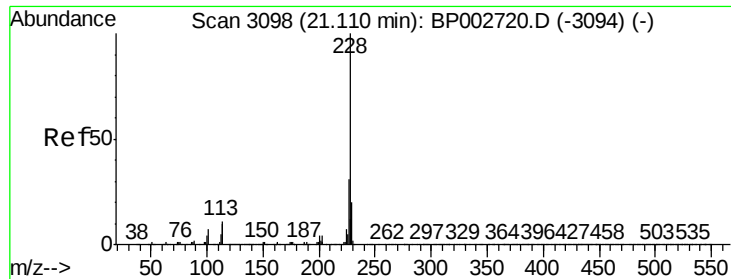


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 14.093 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.05 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

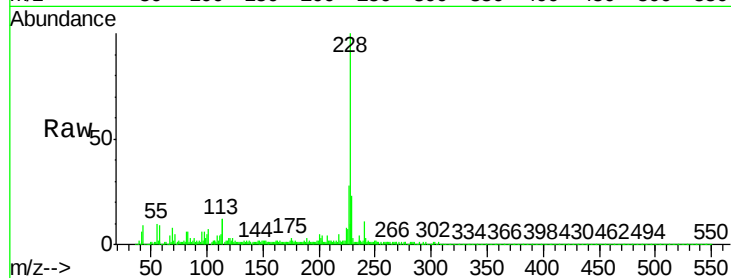
BNA\_P

ClientSampleId :

FK-GF-02-057-B

Tot Ion:228 Resp: 500805

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.3  | 24.6  | 37.0  |
| 229 | 22.7  | 15.7  | 23.5  |

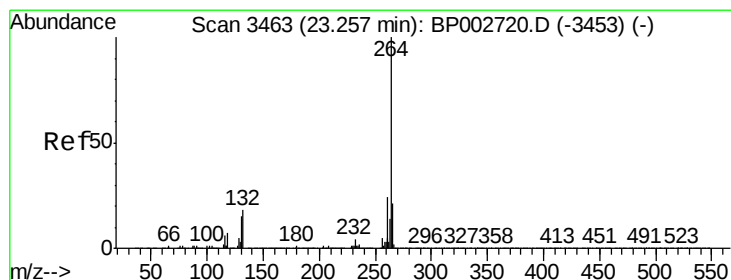
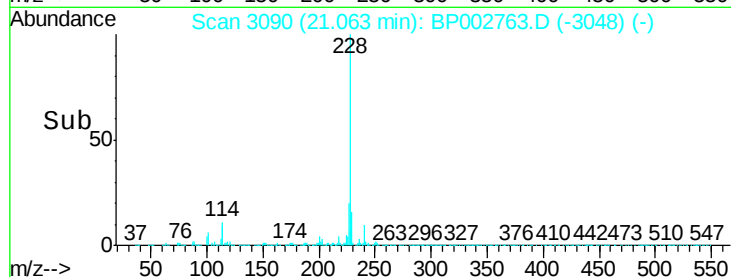
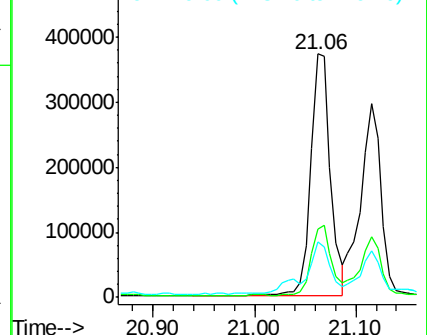


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.27 min Scan# 3466

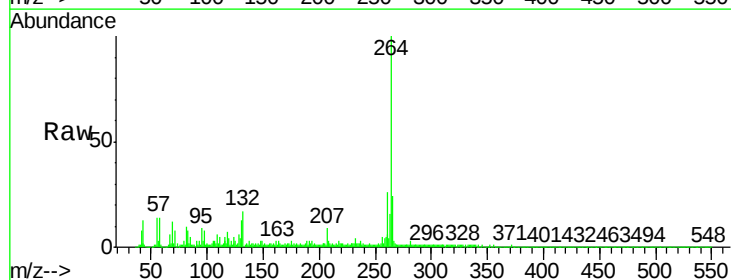
Delta R.T. 0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Tgt Ion:264 Resp: 547358

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.5  | 19.3  | 28.9  |
| 265 | 23.5  | 16.8  | 25.2  |

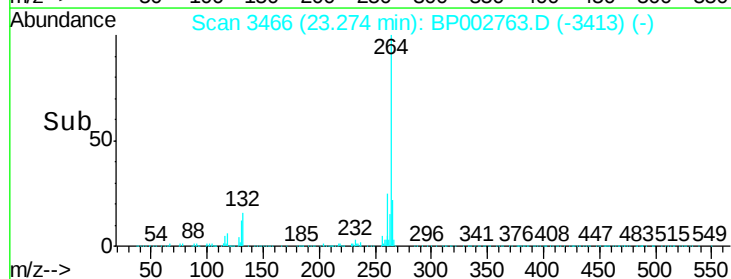
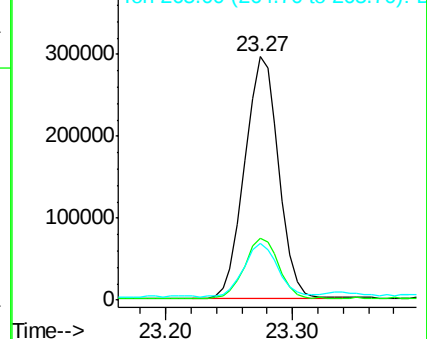


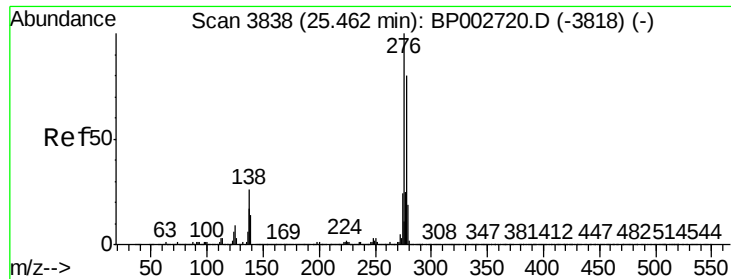
Abundance

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: 5.542 ng

RT: 25.49 min Scan# 3842

Delta R.T. 0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

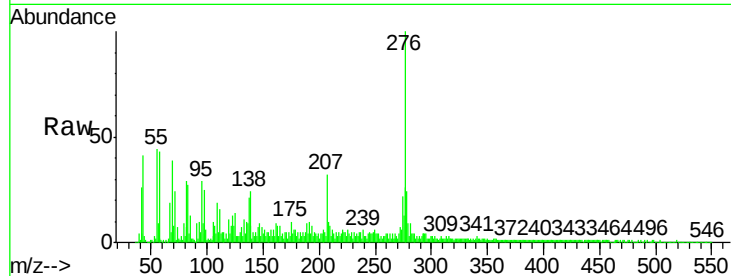
Tot Ion:276 Resp: 219239

Ion Ratio Lower Upper

276 100

138 22.1 20.8 31.2

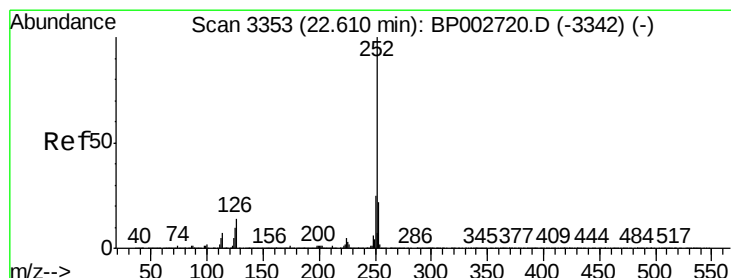
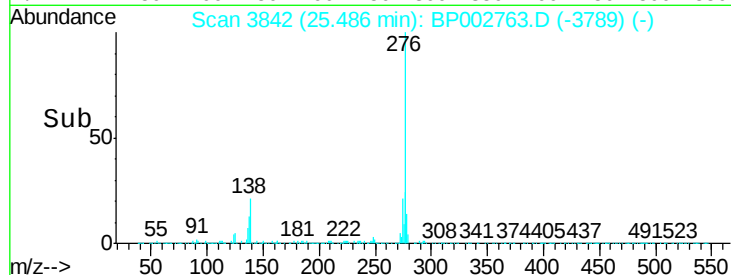
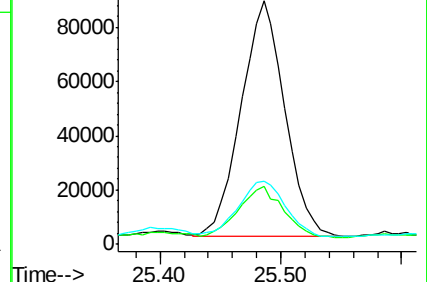
277 25.5 20.0 30.0



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: 18.259 ng

RT: 22.62 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

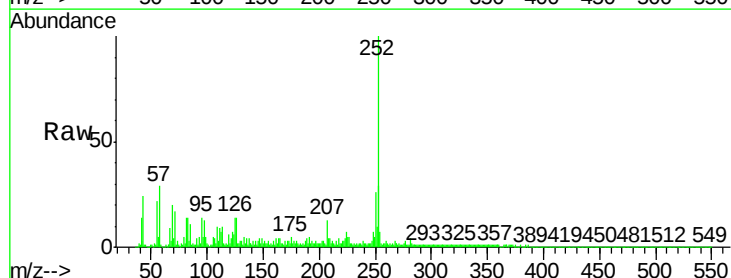
Tgt Ion:252 Resp: 620570

Ion Ratio Lower Upper

252 100

253 28.8 17.7 26.5#

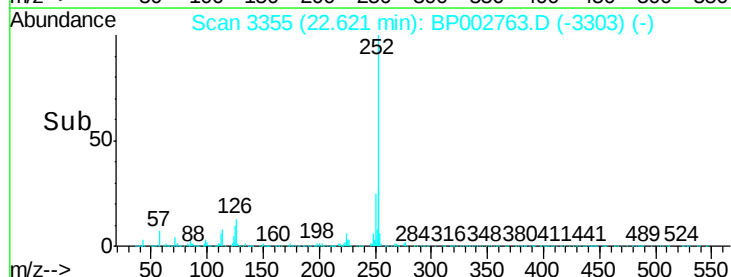
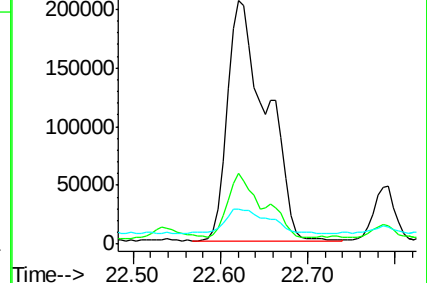
125 14.3 8.2 12.2#

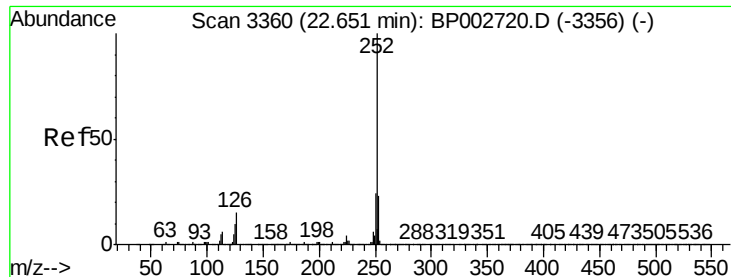


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 18.537 ng

RT: 22.62 min Scan# 3355

Delta R.T. -0.04 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

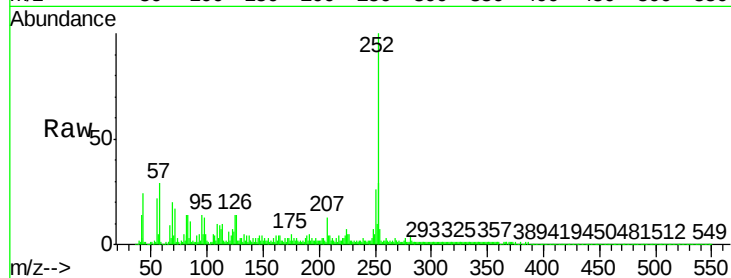
Tot Ion:252 Resp: 620570

Ion Ratio Lower Upper

252 100

253 28.8 17.8 26.8#

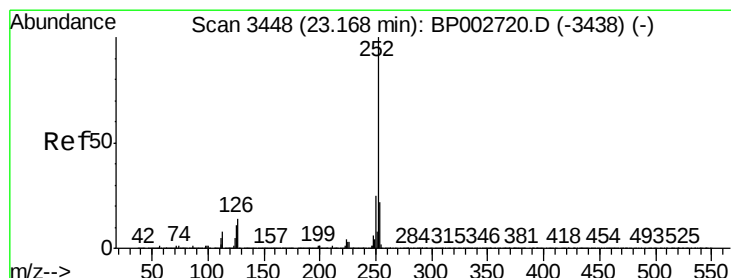
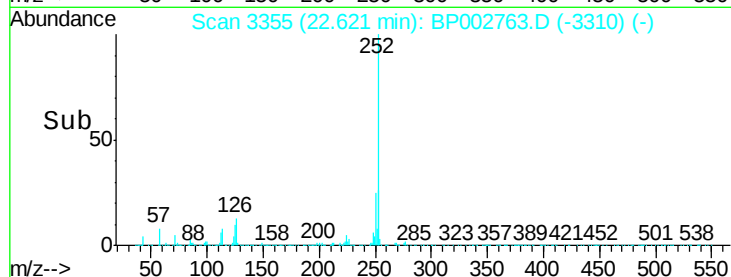
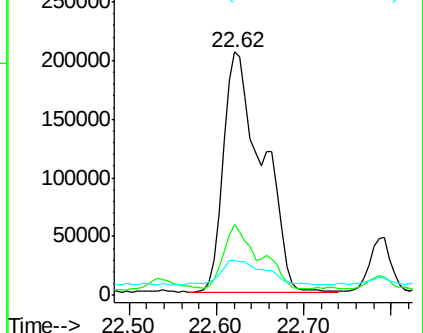
125 14.3 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 11.049 ng

RT: 23.18 min Scan# 3450

Delta R.T. 0.01 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

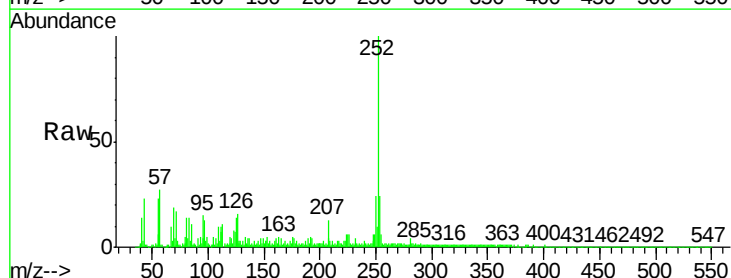
Tgt Ion:252 Resp: 355871

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

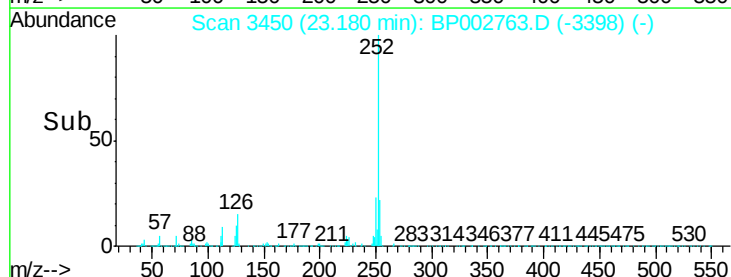
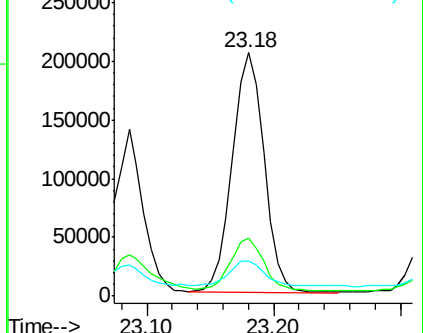
125 14.1 8.6 13.0#

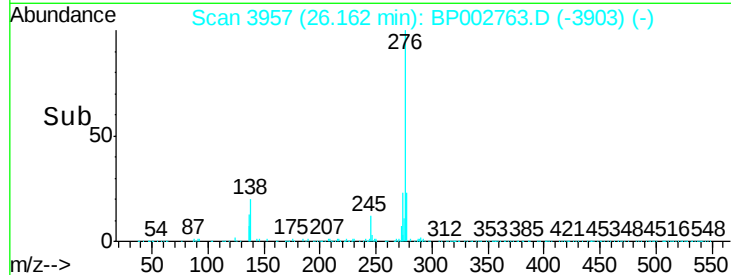
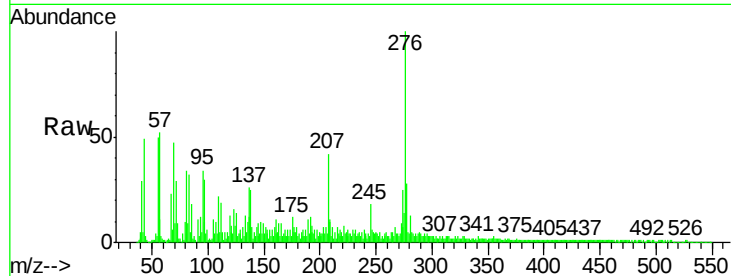
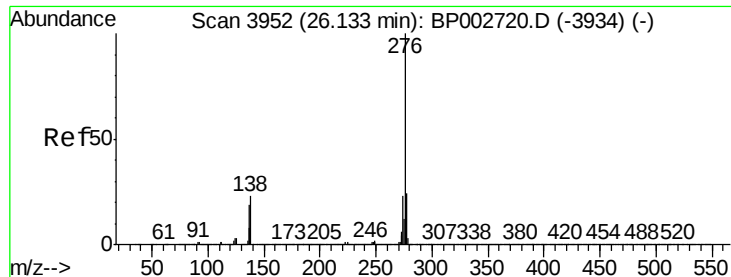


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 6.761 ng

RT: 26.16 min Scan# 3957

Delta R.T. 0.02 min

Lab File: BP002763.D

Acq: 15 Jul 2020 20:11

Instrument :

BNA\_P

ClientSampleId :

FK-GF-02-057-B

Tot Ion: 276 Resp: 218717

Ion Ratio Lower Upper

276 100

277 27.5 19.1 28.7

138 25.3 18.3 27.5

