

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\  
 Data File : BP002486.D  
 Acq On : 22 Jun 2020 18:40  
 Operator : CG/JU  
 Sample : L3079-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JFK-SB-01-0.0-72.0

Quant Time: Jun 23 01:05:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 15:08:53 2020  
 Response via : Initial Calibration

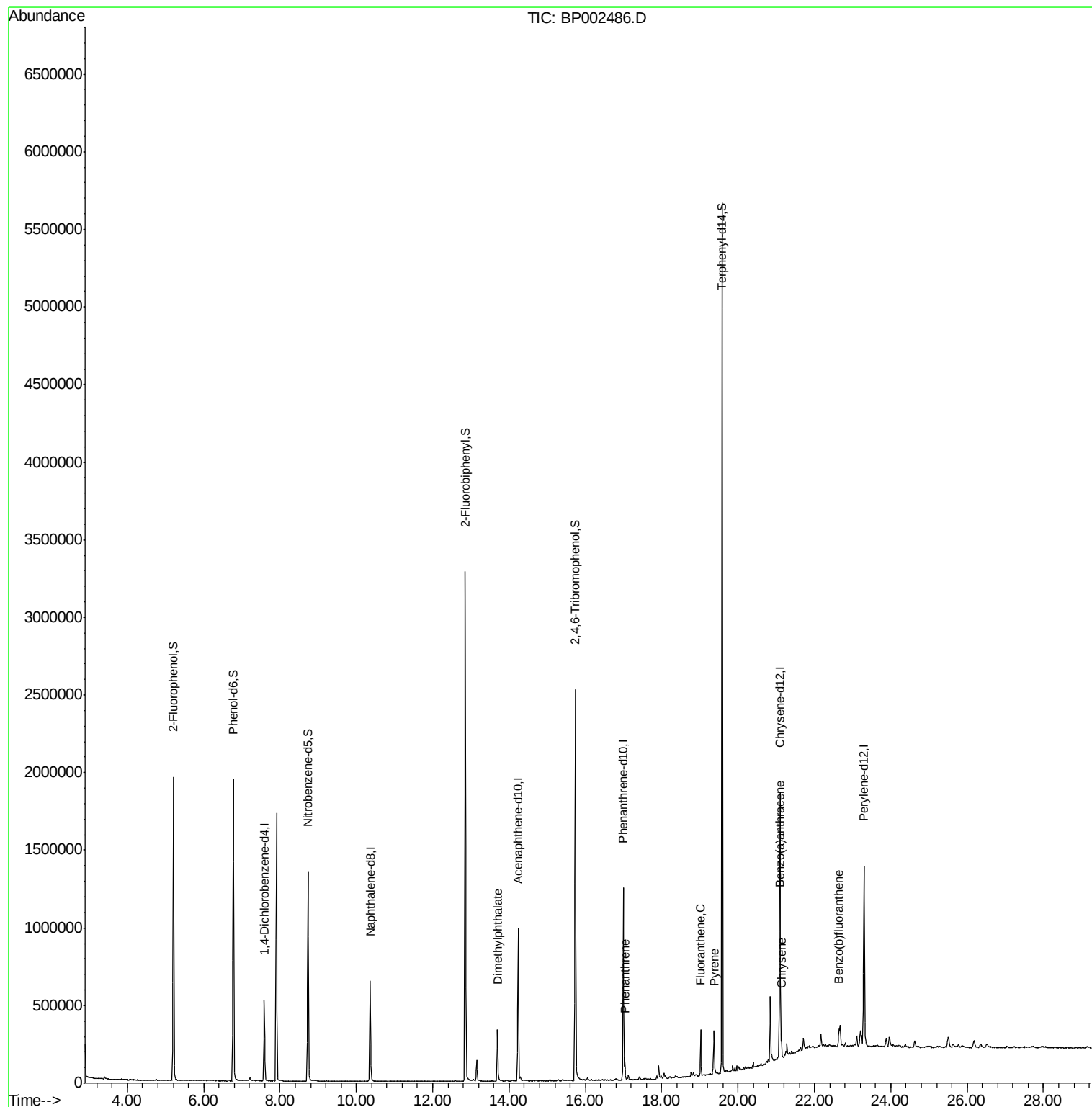
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 132880   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.36 | 136  | 534044   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.23 | 164  | 329038   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.99 | 188  | 721634   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.10 | 240  | 738902   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 23.30 | 264  | 797228   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.21  | 112  | 869341   | 121.06 | ng    | 0.00     |
| 7) Phenol-d6                | 6.78  | 99   | 1159727  | 121.30 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.73  | 82   | 797055   | 89.13  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.73 | 330  | 451916   | 143.45 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.85 | 172  | 1756979  | 89.78  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.58 | 244  | 2675334  | 96.98  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 50) Dimethylphthalate       | 13.70 | 163  | 231151   | 10.253 | ng    | 99       |
| 71) Phenanthrene            | 17.03 | 178  | 79936    | 2.368  | ng    | 98       |
| 75) Fluoranthene            | 19.02 | 202  | 167018   | 4.145  | ng    | 98       |
| 78) Pyrene                  | 19.37 | 202  | 163017   | 3.602  | ng    | 98       |
| 81) Benzo(a)anthracene      | 21.08 | 228  | 90813    | 2.153  | ng    | 99       |
| 83) Chrysene                | 21.13 | 228  | 81458    | 2.039  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 22.64 | 252  | 100660   | 2.341  | ng    | 98       |

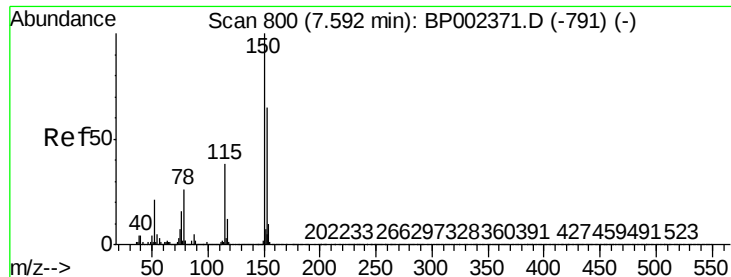
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\  
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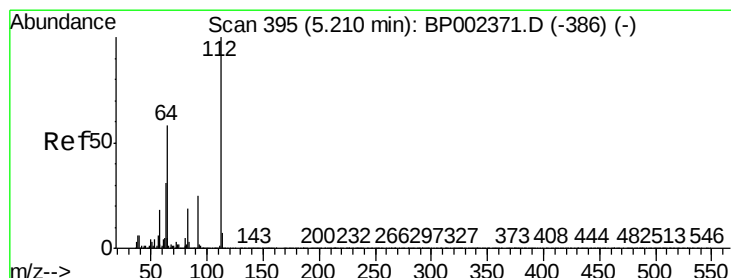
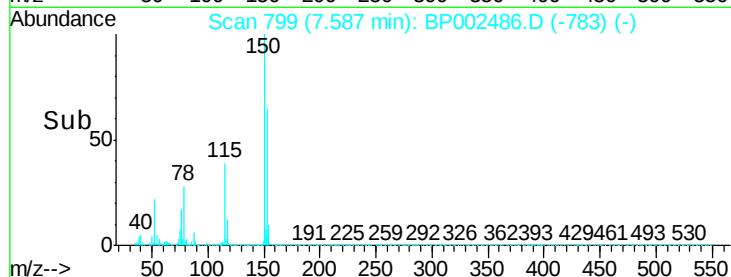
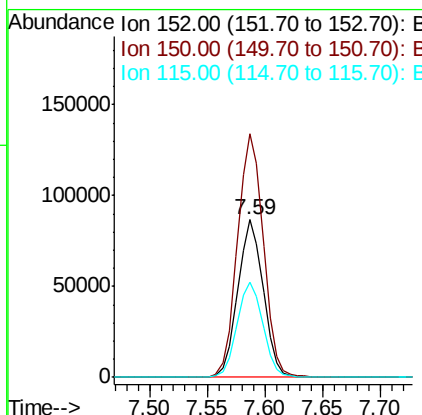
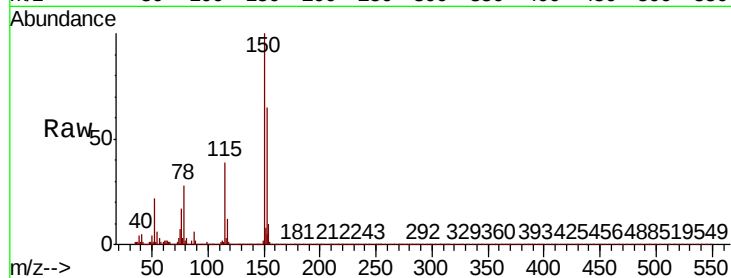


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.59 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

Instrument :  
BNA\_P  
ClientSampleId :  
JFK-SB-01-0.0-72.0

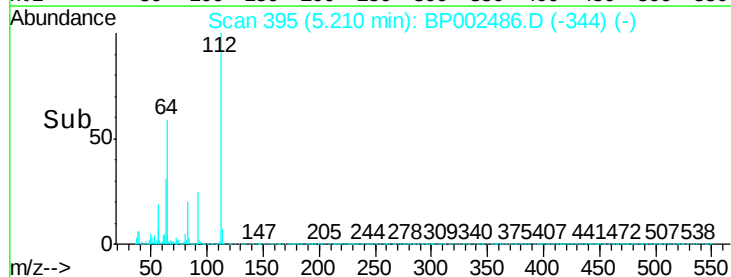
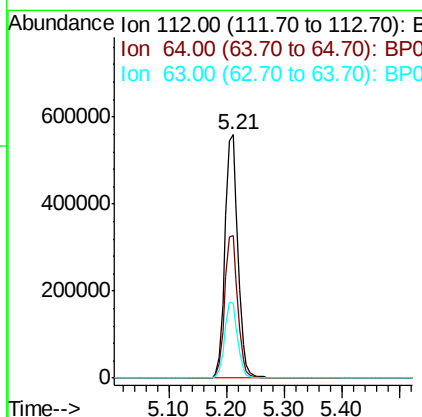
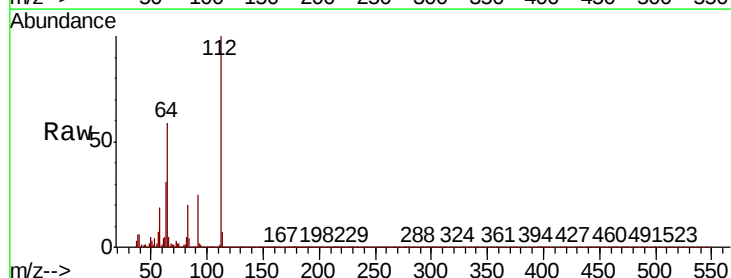
| Tot Ion   | 152   | Resp  | 132880 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 154.6 | 124.0 | 186.0  |
| 115       | 60.1  | 47.4  | 71.0   |

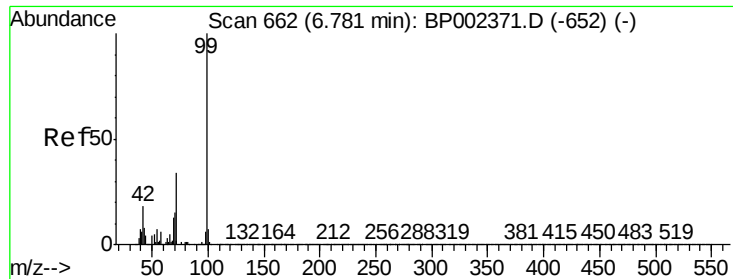


#5

2-Fluorophenol  
Concen: 121.060 ng  
RT: 5.21 min Scan# 395  
Delta R.T. 0.00 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

| Tgt Ion   | 112   | Resp  | 869341 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.6  | 46.2  | 69.2   |
| 63        | 30.9  | 24.5  | 36.7   |





#7

Phenol-d6

Concen: 121.300 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002486.D

Acq: 22 Jun 2020 18:40

Instrument :

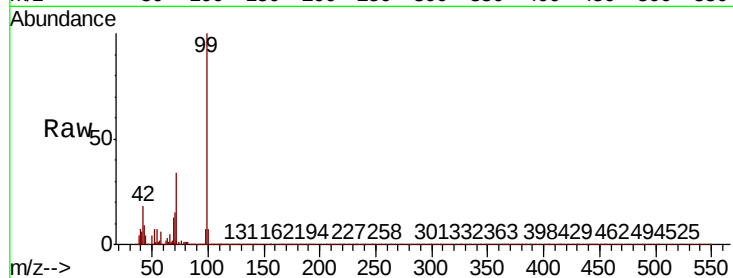
BNA\_P

ClientSampleId :

JFK-SB-01-0.0-72.0

Tot Ion: 99 Resp: 1159727

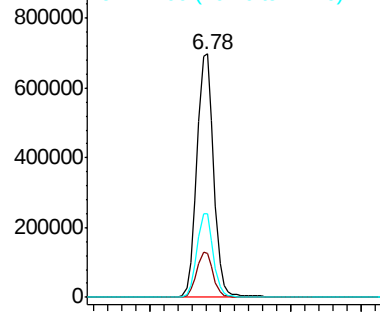
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.1  | 14.6  | 22.0  |
| 71  | 34.1  | 27.2  | 40.8  |



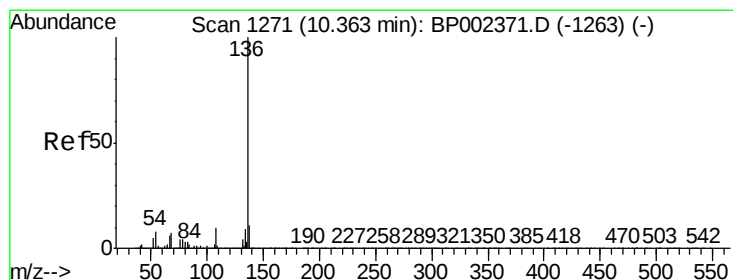
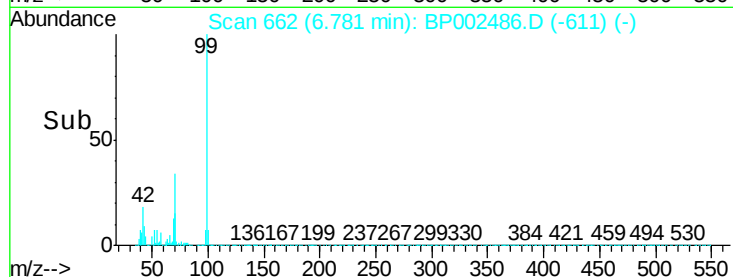
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

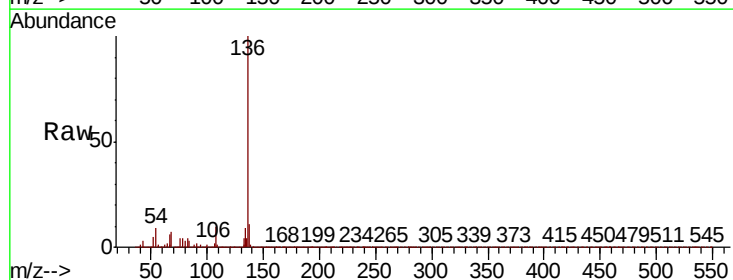
Delta R.T. -0.01 min

Lab File: BP002486.D

Acq: 22 Jun 2020 18:40

Tgt Ion: 136 Resp: 534044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.8   | 13.2  |
| 54  | 8.6   | 6.4   | 9.6   |
| 68  | 7.2   | 5.6   | 8.4   |

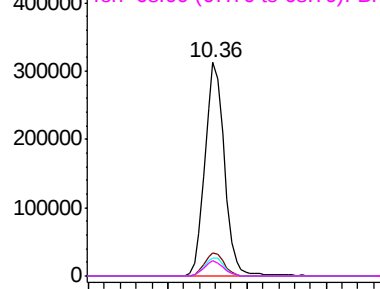


Abundance Ion 136.00 (135.70 to 136.70): E

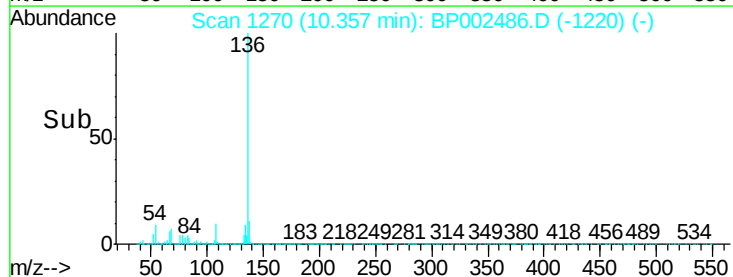
Ion 137.00 (136.70 to 137.70): E

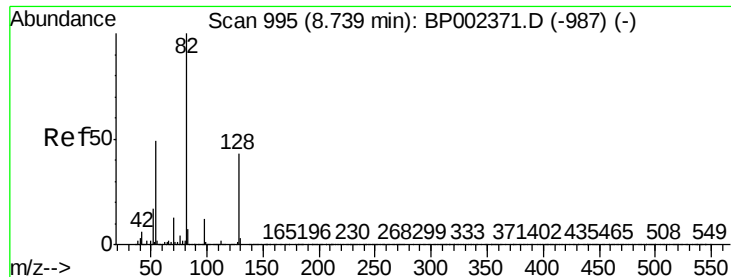
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



Time-->

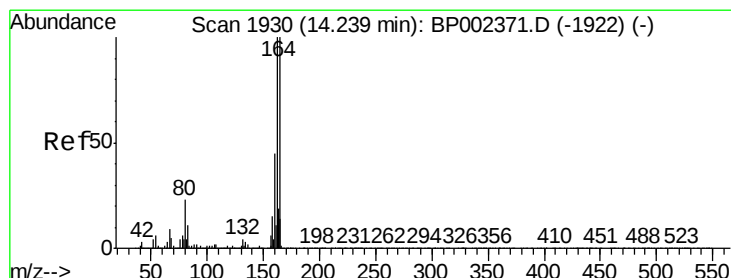
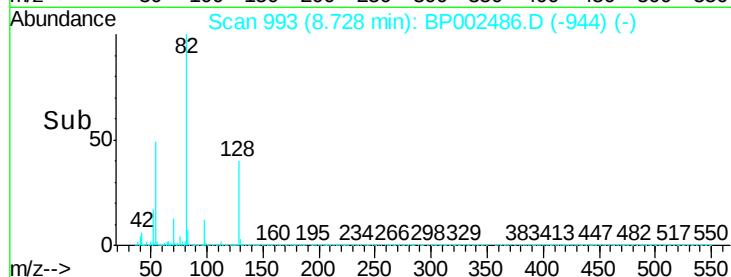
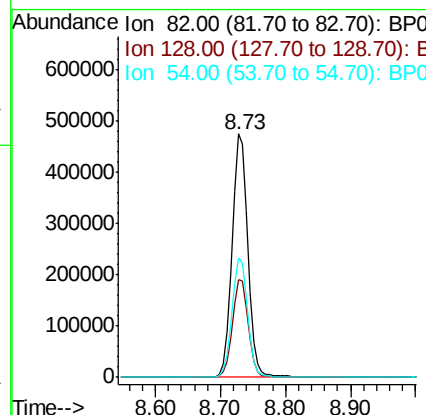
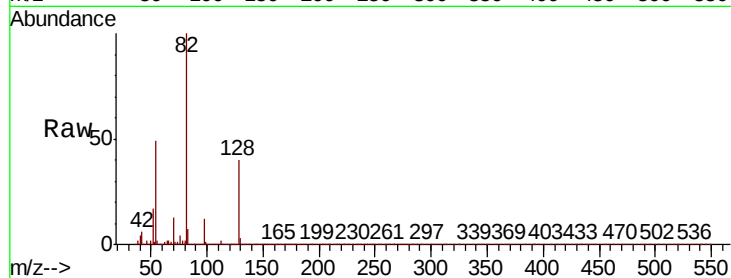




#23  
Nitrobenzene-d5  
Concen: 89.130 ng  
RT: 8.73 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

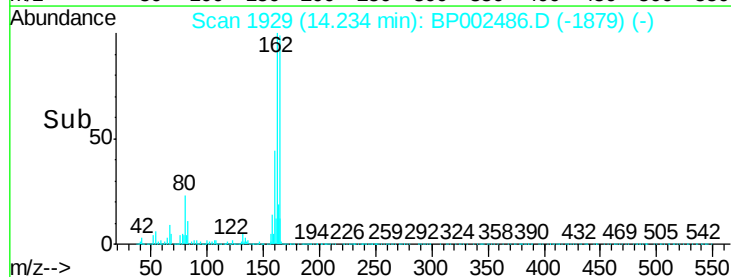
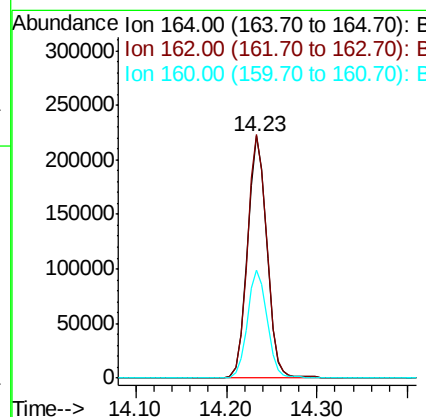
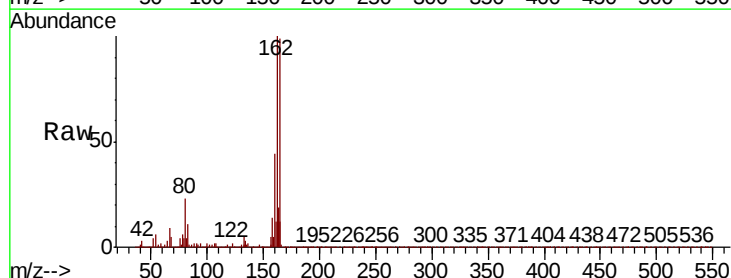
Instrument :  
BNA\_P  
ClientSampleId :  
JFK-SB-01-0.0-72.0

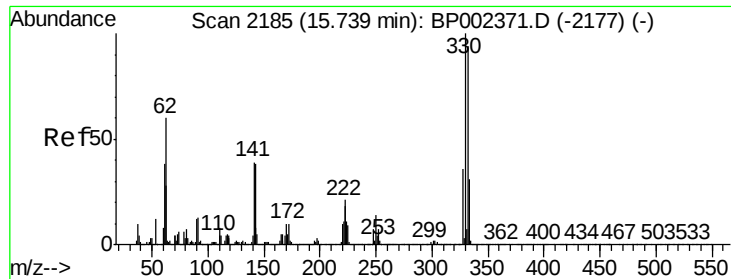
| Tot Ion   | 82    | Resp  | 797055 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.3  | 34.5  | 51.7   |
| 54        | 49.0  | 39.4  | 59.2   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.23 min Scan# 1929  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

| Tgt Ion   | 164   | Resp  | 329038 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.7 | 79.8  | 119.8  |
| 160       | 44.7  | 36.2  | 54.2   |

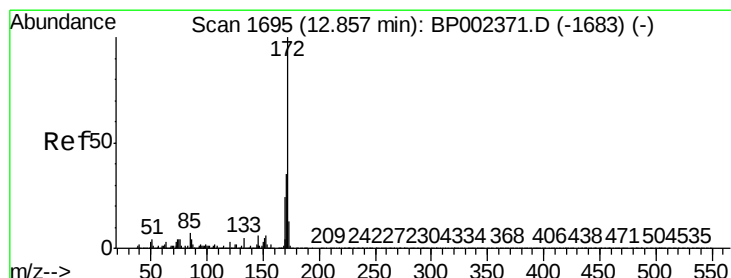
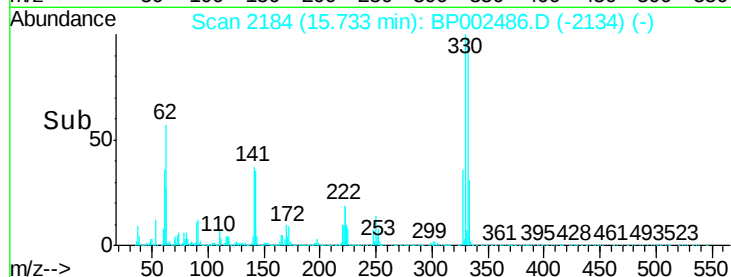
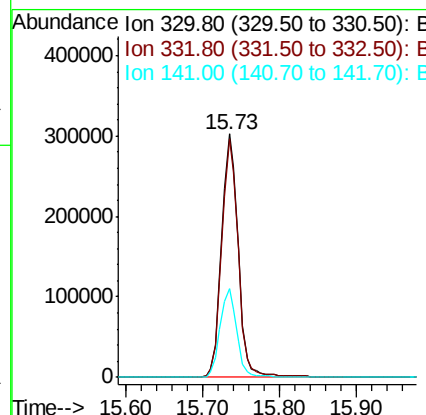
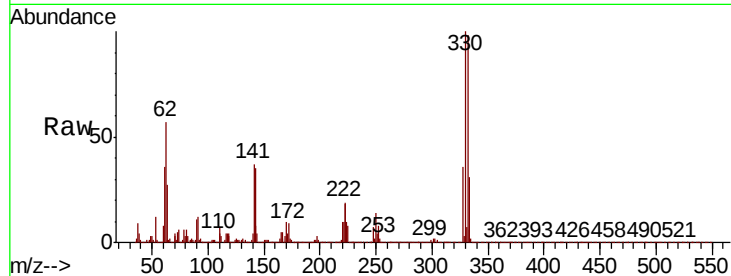




#42  
 2,4,6-Tribromophenol  
 Concen: 143.452 ng  
 RT: 15.73 min Scan# 2184  
 Delta R.T. -0.01 min  
 Lab File: BP002486.D  
 Acq: 22 Jun 2020 18:40

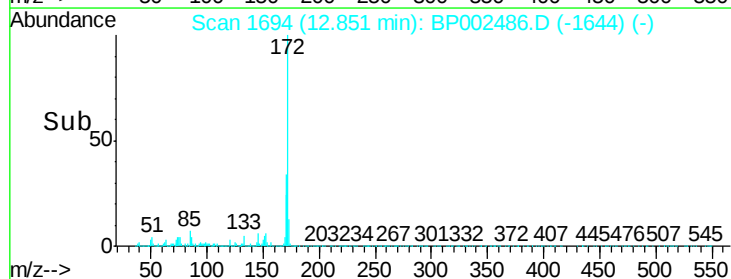
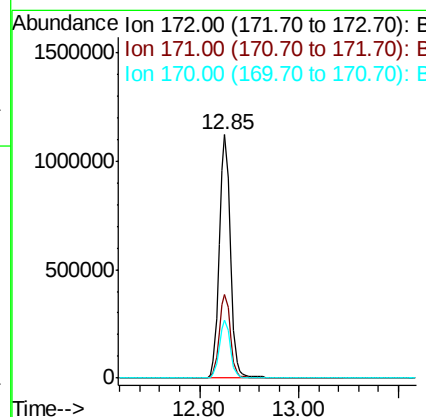
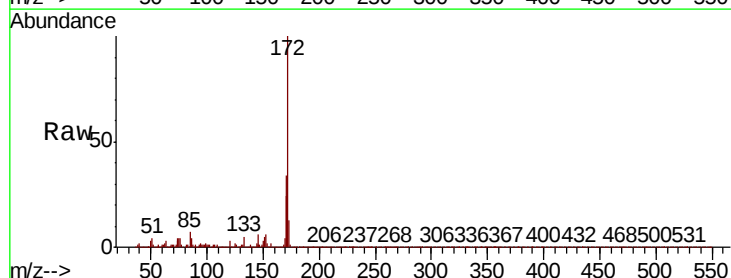
Instrument :  
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 ClientSampleId :  
 JFK-SB-01-0.0-72.0

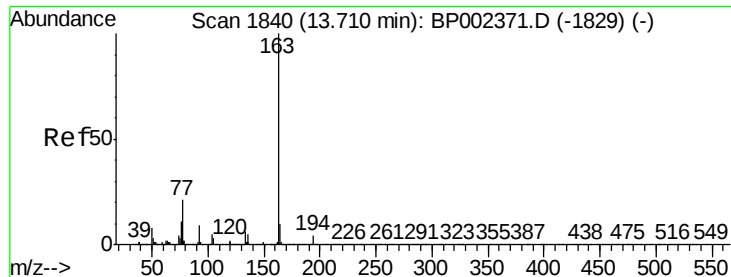
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 76.6  | 115.0 |
| 141     | 36.6  | 30.3  | 45.5  |



#45  
 2-Fluorobiphenyl  
 Concen: 89.783 ng  
 RT: 12.85 min Scan# 1694  
 Delta R.T. -0.00 min  
 Lab File: BP002486.D  
 Acq: 22 Jun 2020 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.2  | 27.8  | 41.8  |
| 170     | 24.0  | 19.0  | 28.6  |

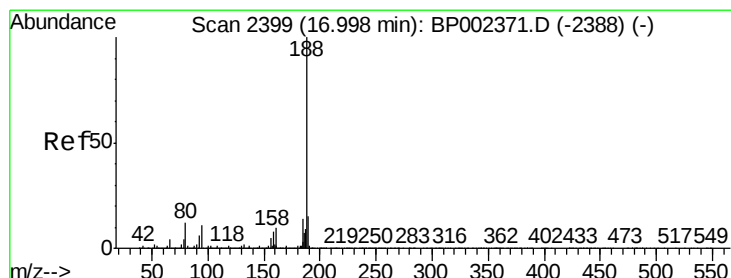
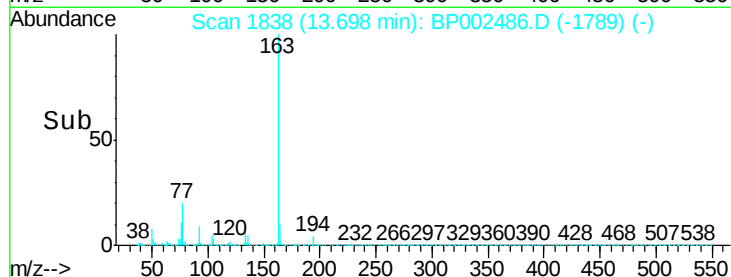
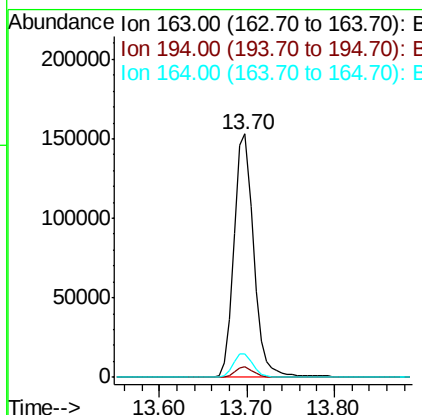
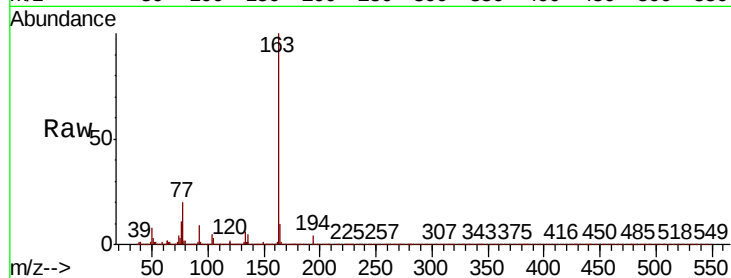




#50  
Dimethylphthalate  
Concen: 10.253 ng  
RT: 13.70 min Scan# 1838  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

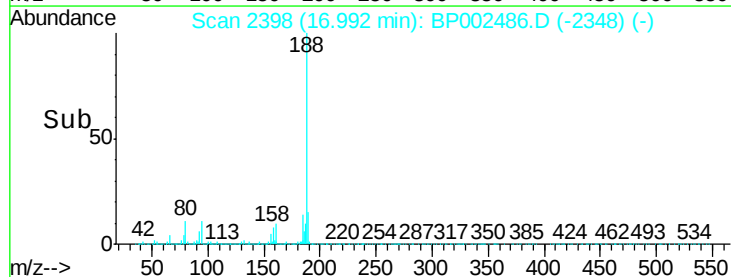
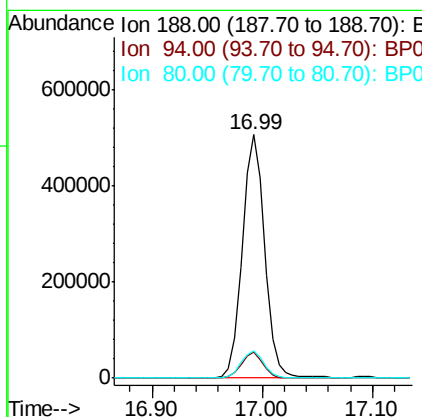
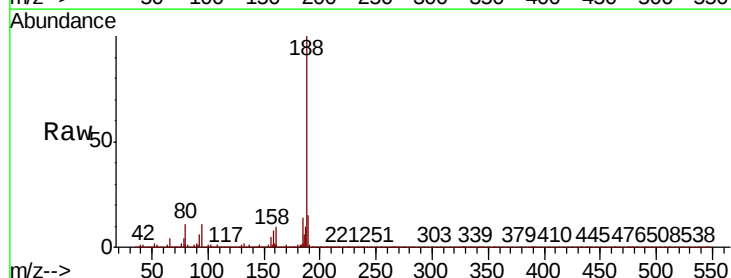
Instrument :  
BNA\_P  
ClientSampleId :  
JFK-SB-01-0.0-72.0

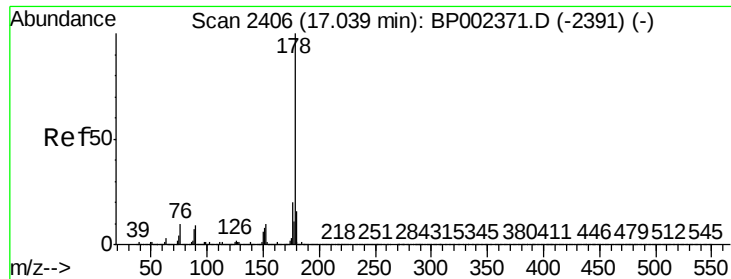
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.2   | 3.4   | 5.0   |
| 164     | 9.8   | 8.1   | 12.1  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.99 min Scan# 2398  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.5  | 8.5   | 12.7  |
| 80      | 11.2  | 9.4   | 14.0  |





#71

Phenanthrene

Concen: 2.368 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002486.D

Acq: 22 Jun 2020 18:40

Instrument :

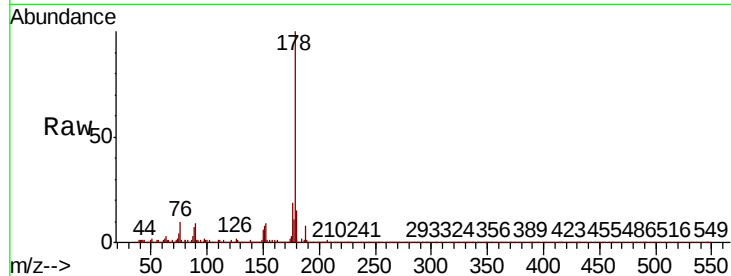
BNA\_P

ClientSampleId :

JFK-SB-01-0.0-72.0

Tot Ion:178 Resp: 79936

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.6  | 15.8  | 23.6  |
| 179 | 14.7  | 12.5  | 18.7  |

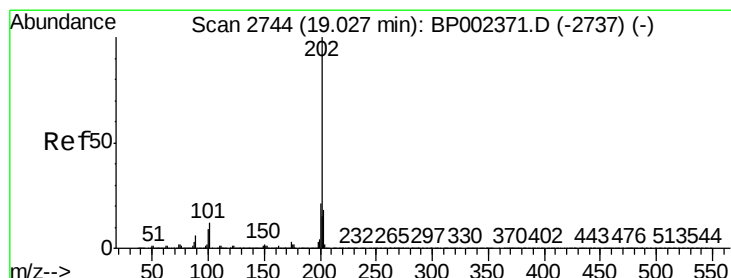
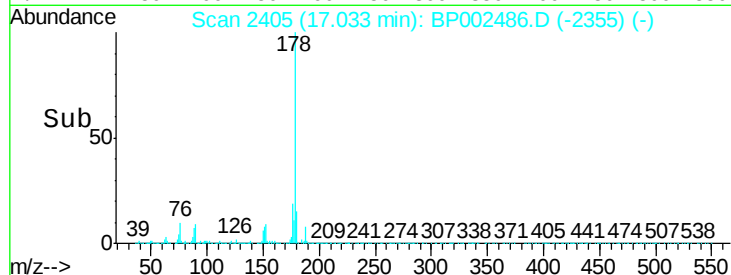
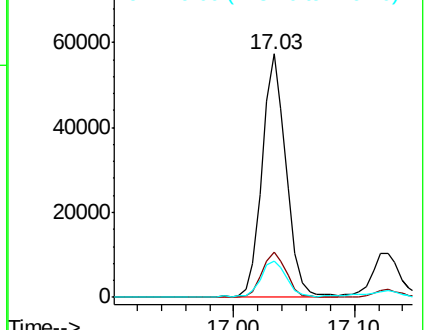


Abundance

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



#75

Fluoranthene

Concen: 4.145 ng

RT: 19.02 min Scan# 2742

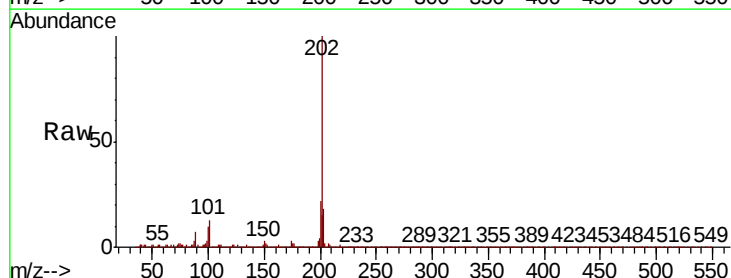
Delta R.T. -0.01 min

Lab File: BP002486.D

Acq: 22 Jun 2020 18:40

Tgt Ion:202 Resp: 167018

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.0  | 0.0   | 31.8  |
| 203 | 17.6  | 0.0   | 38.0  |

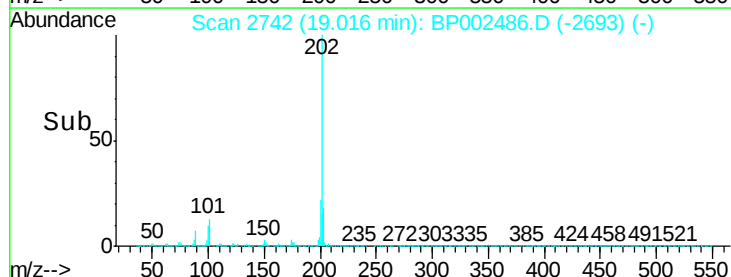
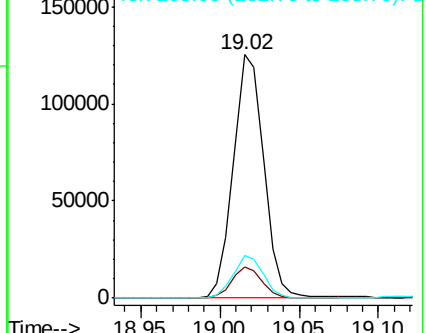


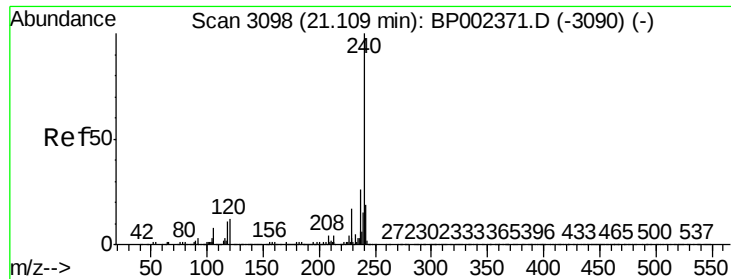
Abundance

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

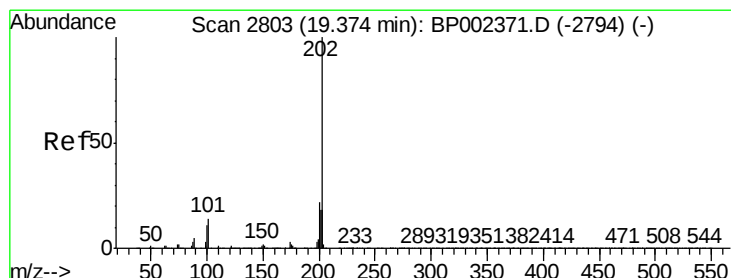
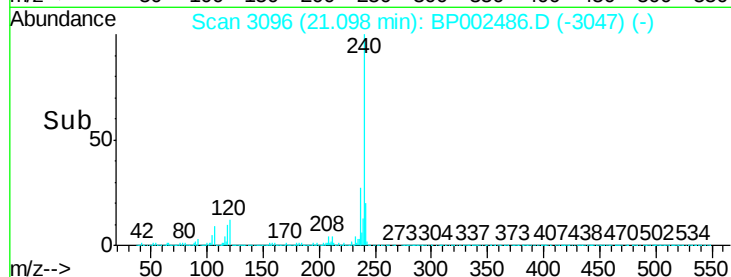
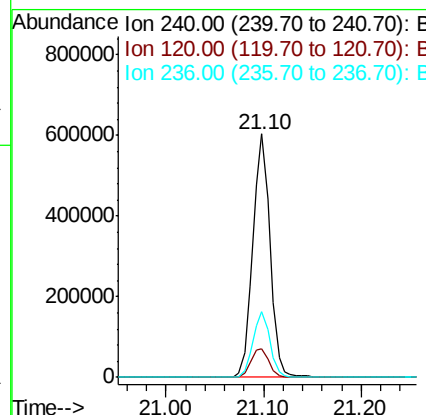
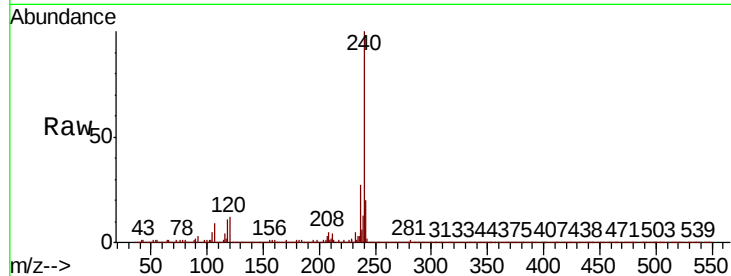




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.10 min Scan# 3096  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

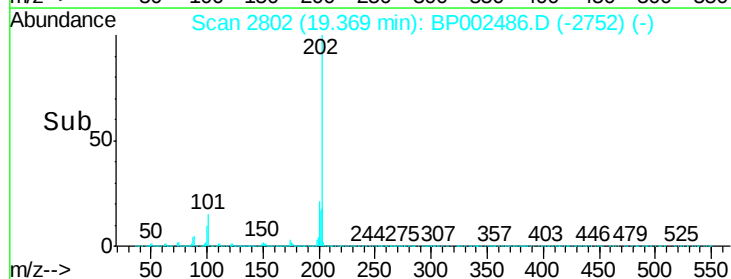
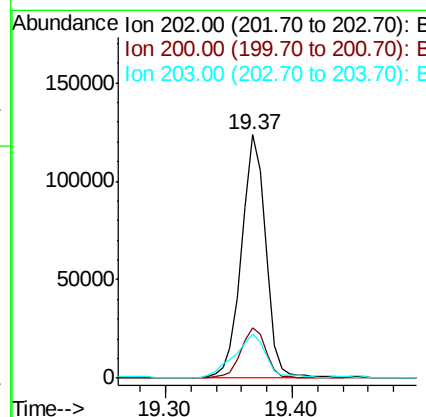
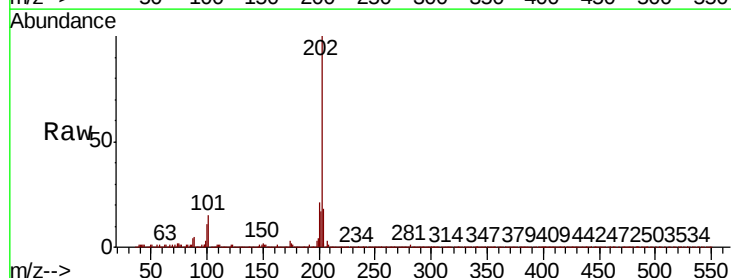
Instrument :  
BNA\_P  
ClientSampleId :  
JFK-SB-01-0.0-72.0

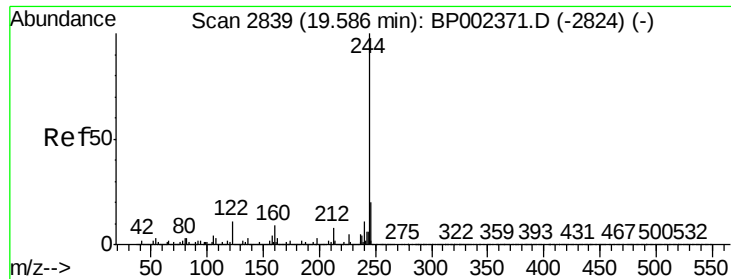
Tot Ion:240 Resp: 738902  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.3 13.9  
236 27.1 21.0 31.6



#78  
Pyrene  
Concen: 3.602 ng  
RT: 19.37 min Scan# 2802  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

Tgt Ion:202 Resp: 163017  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.7 26.5  
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 96.976 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002486.D

Acq: 22 Jun 2020 18:40

Instrument :

BNA\_P

ClientSampleId :

JFK-SB-01-0.0-72.0

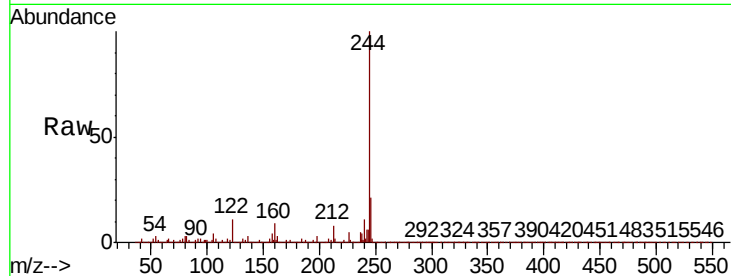
Tot Ion:244 Resp: 2675334

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

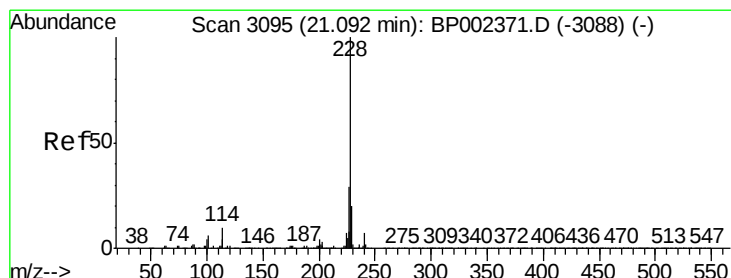
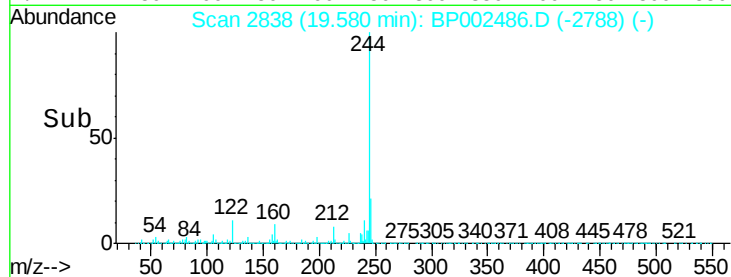
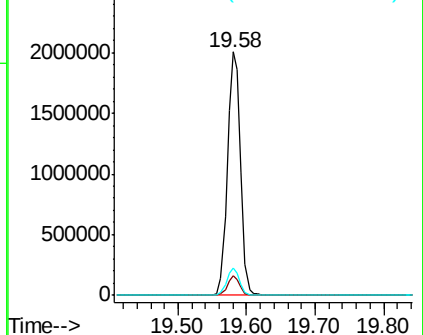
122 11.1 8.8 13.2



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: 2.153 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002486.D

Acq: 22 Jun 2020 18:40

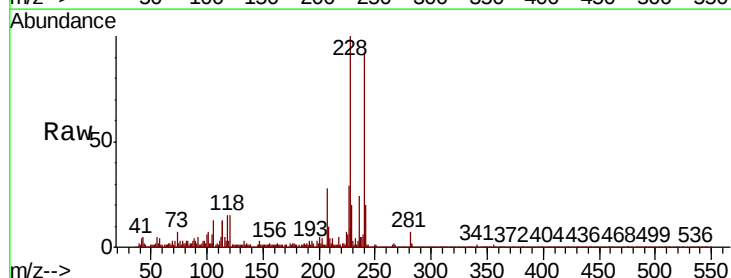
Tgt Ion:228 Resp: 90813

Ion Ratio Lower Upper

228 100

226 28.9 22.8 34.2

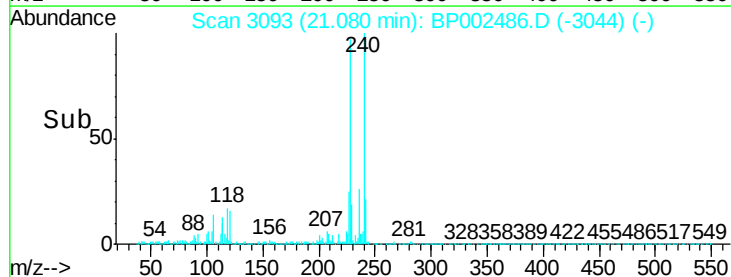
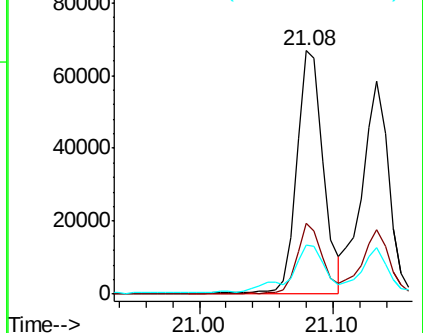
229 20.0 16.2 24.2

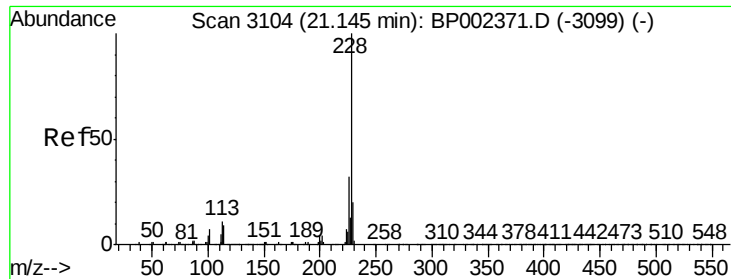


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

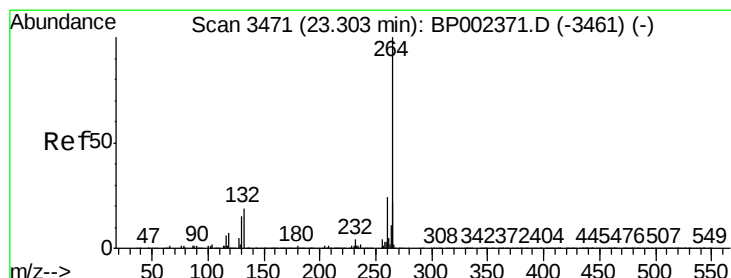
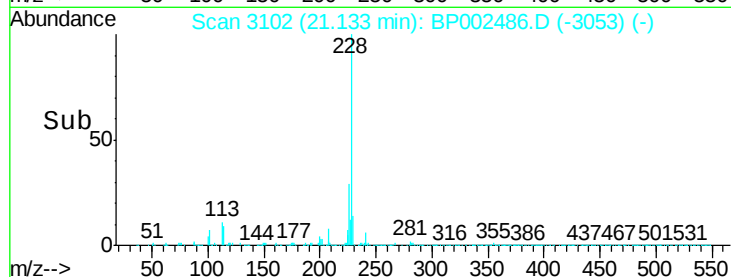
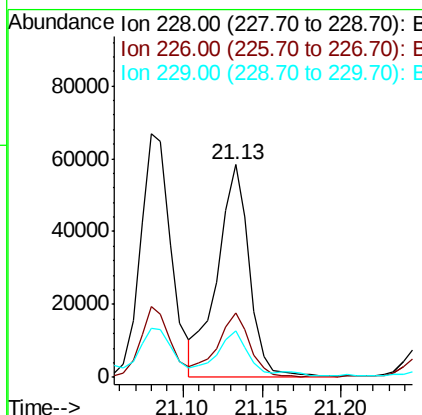
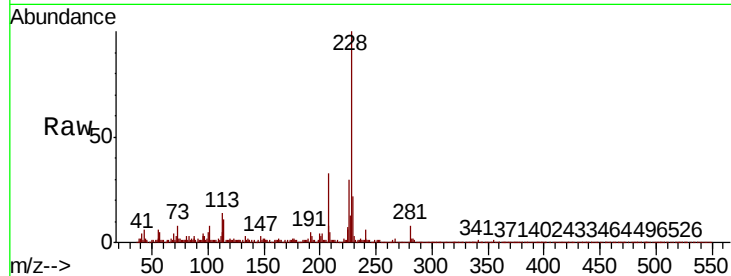




#83  
Chrysene  
Concen: 2.039 ng  
RT: 21.13 min Scan# 3102  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

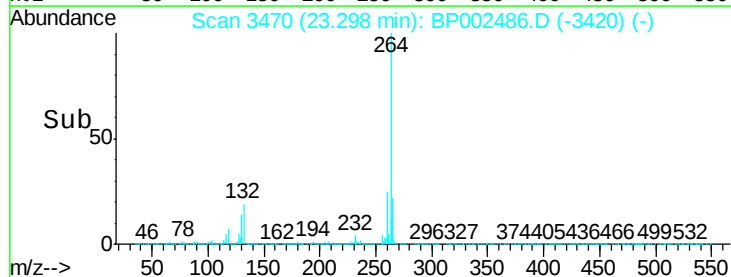
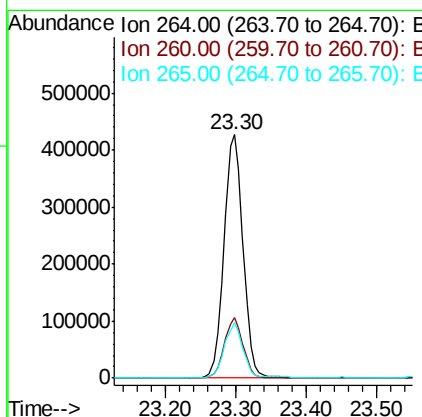
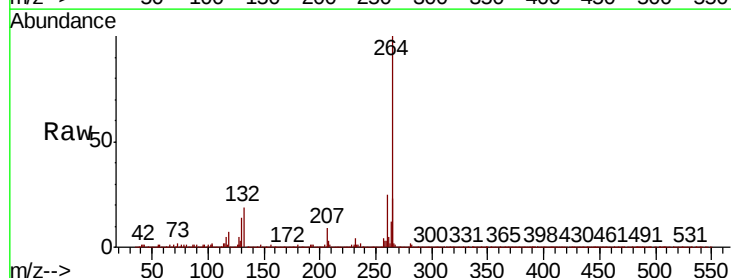
Instrument :  
BNA\_P  
ClientSampleId :  
JFK-SB-01-0.0-72.0

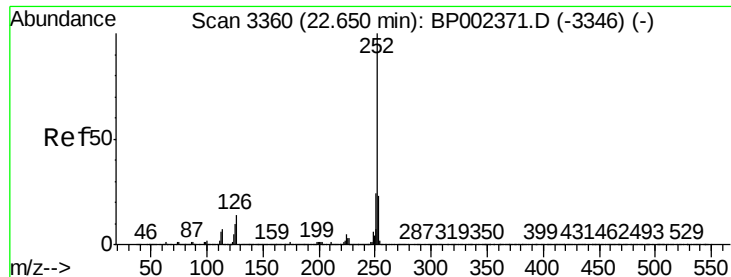
Tot Ion:228 Resp: 81458  
Ion Ratio Lower Upper  
228 100  
226 30.5 25.2 37.8  
229 21.9 16.1 24.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.30 min Scan# 3470  
Delta R.T. -0.01 min  
Lab File: BP002486.D  
Acq: 22 Jun 2020 18:40

Tgt Ion:264 Resp: 797228  
Ion Ratio Lower Upper  
264 100  
260 24.9 19.4 29.0  
265 22.6 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.341 ng

RT: 22.64 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BP002486.D

Acq: 22 Jun 2020 18:40

Instrument :

BNA\_P

ClientSampleId :

JFK-SB-01-0.0-72.0

Tot Ion: 252 Resp: 100660

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 12.0 8.2 12.2

