

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\  
 Data File : BP003102.D  
 Acq On : 25 Aug 2020 17:23  
 Operator : CG/JU  
 Sample : L3780-08  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JC-03-082120-A

Quant Time: Aug 26 00:51:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 24 15:32:08 2020  
 Response via : Initial Calibration

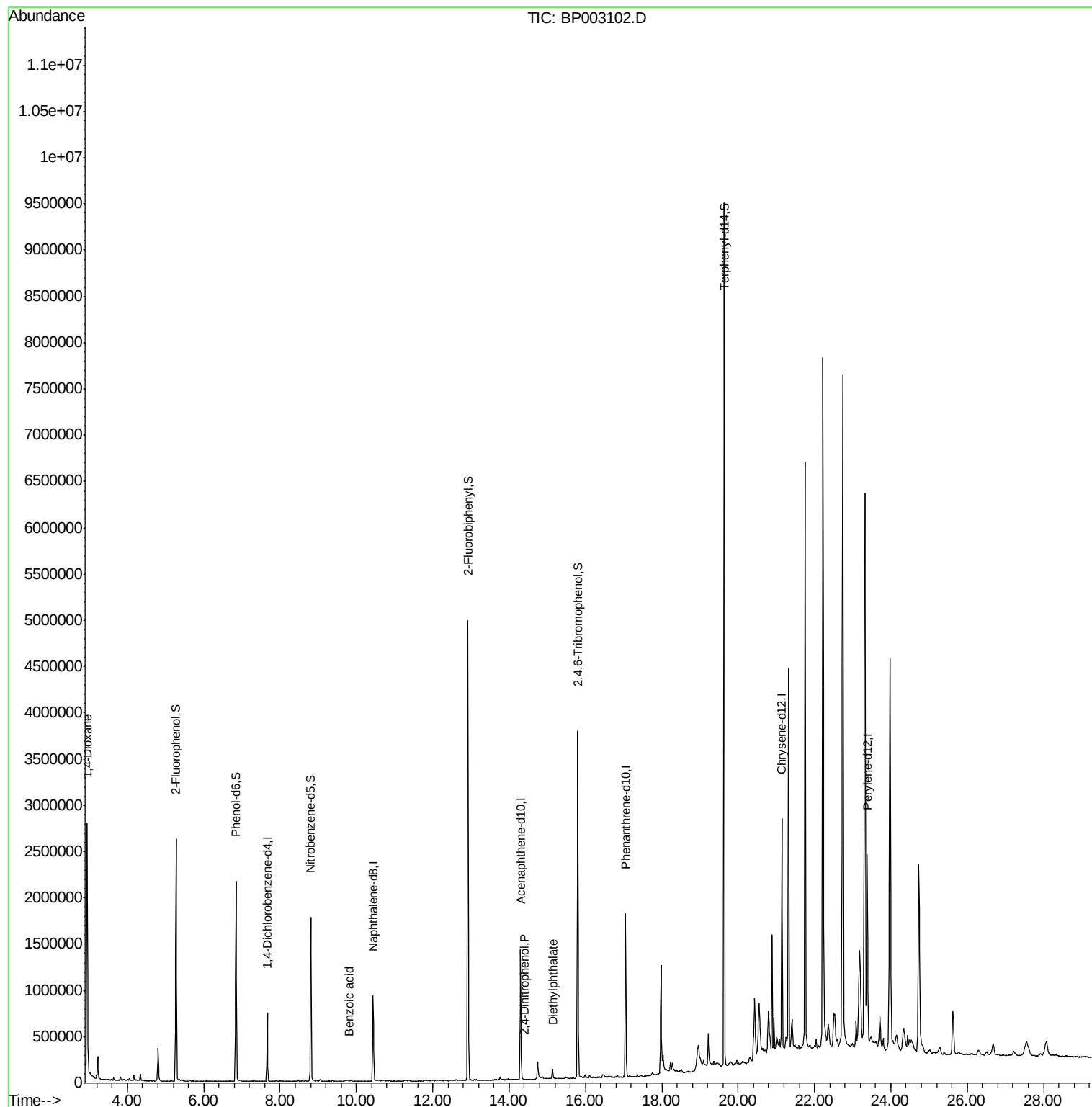
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)   |
|-----------------------------|-------|------|----------|--------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 222823   | 20.00  | ng    | 0.00       |
| 21) Naphthalene-d8          | 10.44 | 136  | 857087   | 20.00  | ng    | 0.00       |
| 39) Acenaphthene-d10        | 14.30 | 164  | 504379   | 20.00  | ng    | 0.00       |
| 64) Phenanthrene-d10        | 17.06 | 188  | 1075126  | 20.00  | ng    | 0.00       |
| 76) Chrysene-d12            | 21.15 | 240  | 1218145  | 20.00  | ng    | 0.00       |
| 86) Perylene-d12            | 23.39 | 264  | 1452431  | 20.00  | ng    | 0.00       |
| System Monitoring Compounds |       |      |          |        |       |            |
| 5) 2-Fluorophenol           | 5.27  | 112  | 1370960  | 108.78 | ng    | 0.00       |
| 7) Phenol-d6                | 6.85  | 99   | 1437374  | 90.98  | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 8.81  | 82   | 1040359  | 87.51  | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 15.80 | 330  | 862316   | 126.41 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 12.92 | 172  | 2859798  | 83.03  | ng    | 0.00       |
| 79) Terphenyl-d14           | 19.63 | 244  | 4050386  | 73.17  | ng    | 0.00       |
| Target Compounds            |       |      |          |        |       |            |
| 2) 1,4-Dioxane              | 2.95  | 88   | 29548    | 6.133  | ng    | Qvalue # 1 |
| 32) Benzoic acid            | 9.82  | 122  | 531      | 9.050  | ng    | 95         |
| 54) 2,4-Dinitrophenol       | 14.40 | 184  | 43       | 7.764  | ng    | # 1        |
| 60) Diethylphthalate        | 15.13 | 149  | 92359    | 2.448  | ng    | 98         |

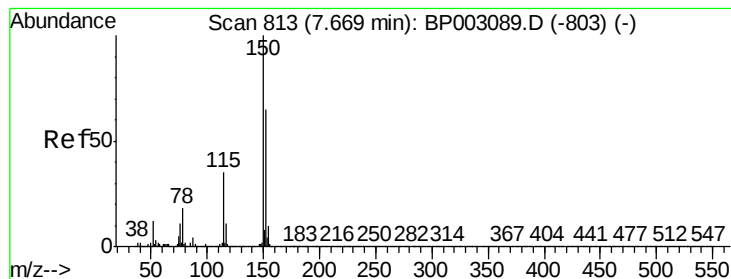
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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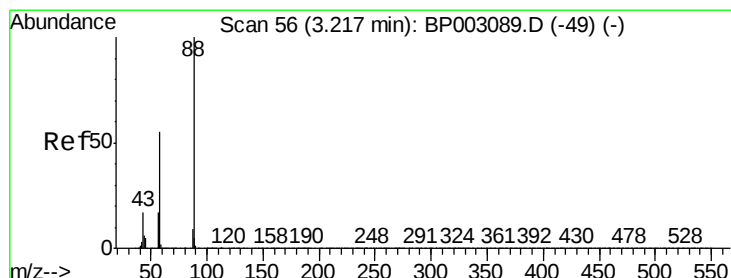
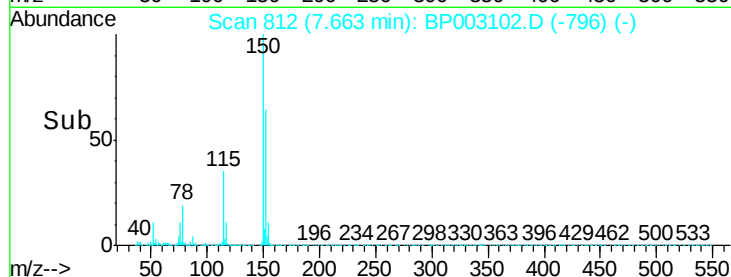
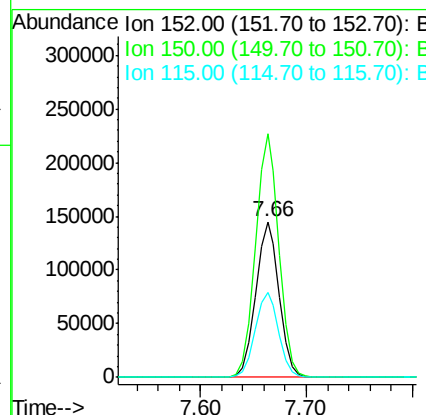
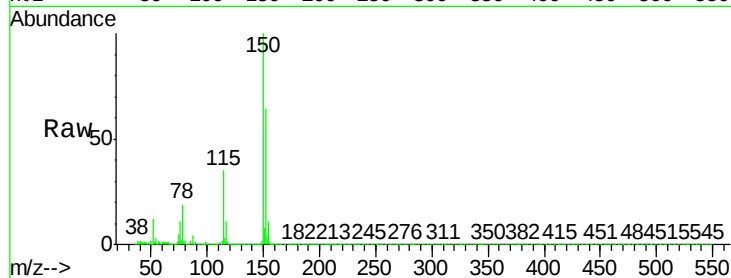


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.66 min Scan# 812  
Delta R.T. -0.01 min  
Lab File: BP003102.D  
Acq: 25 Aug 2020 17:23

Instrument :  
BNA\_P  
ClientSampleId :  
JC-03-082120-A

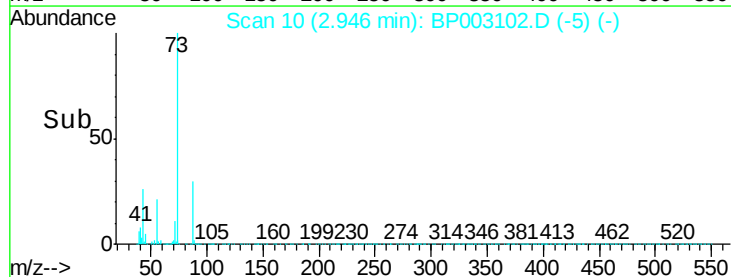
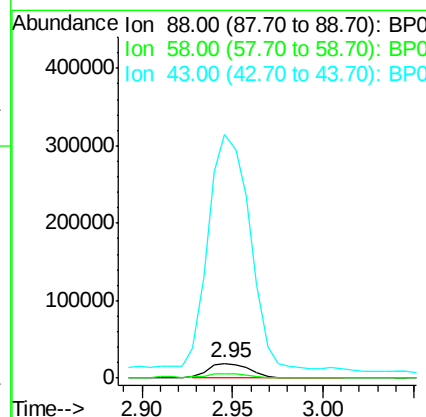
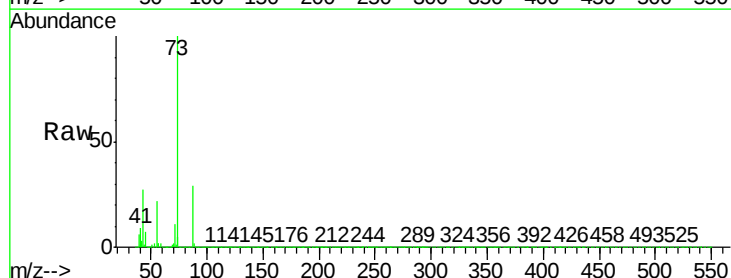
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 123.1 | 184.7 |
| 115     | 54.7  | 42.8  | 64.2  |

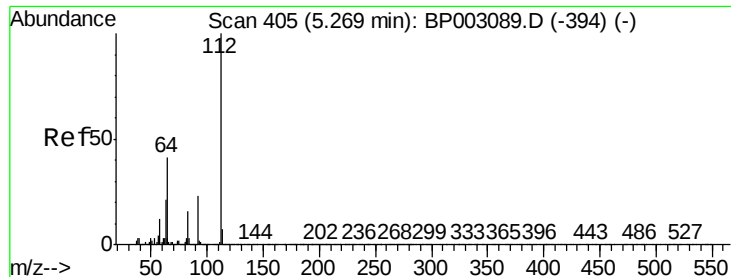


#2

1,4-Dioxane  
Concen: 6.133 ng  
RT: 2.95 min Scan# 10  
Delta R.T. -0.27 min  
Lab File: BP003102.D  
Acq: 25 Aug 2020 17:23

| Tgt Ion | Ratio  | Lower | Upper |
|---------|--------|-------|-------|
| 88      | 100    |       |       |
| 58      | 23.2   | 44.3  | 66.5# |
| 43      | 1705.8 | 14.3  | 21.5# |





#5

2-Fluorophenol

Concen: 108.781 ng

RT: 5.27 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003102.D

Acq: 25 Aug 2020 17:23

Instrument :

BNA\_P

ClientSampleId :

JC-03-082120-A

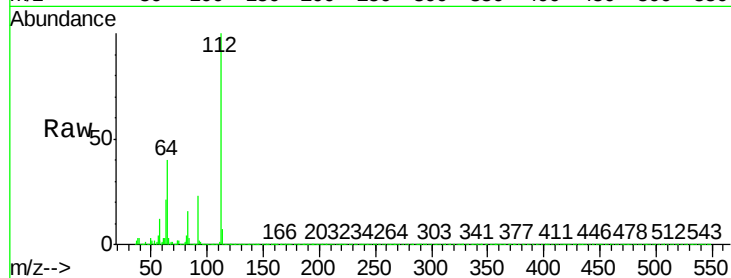
Tot Ion:112 Resp: 1370960

Ion Ratio Lower Upper

112 100

64 39.6 33.0 49.6

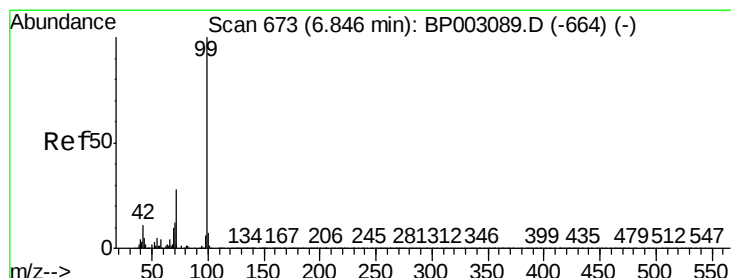
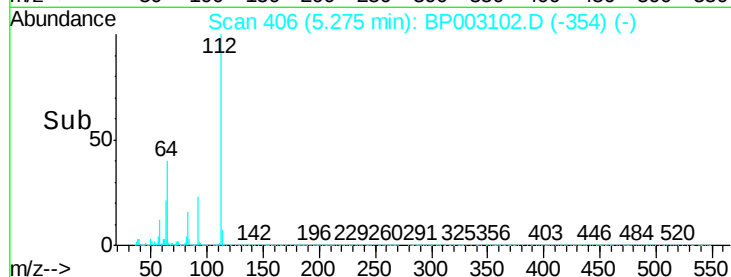
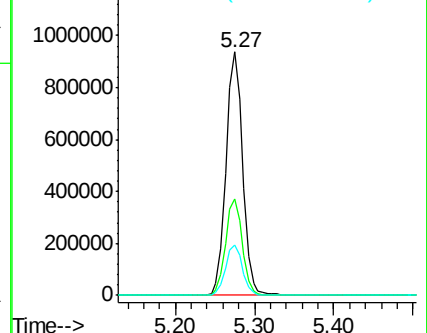
63 20.9 16.9 25.3



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: 90.981 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP003102.D

Acq: 25 Aug 2020 17:23

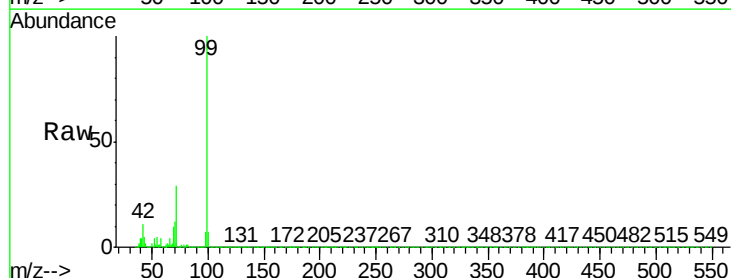
Tgt Ion: 99 Resp: 1437374

Ion Ratio Lower Upper

99 100

42 10.5 8.5 12.7

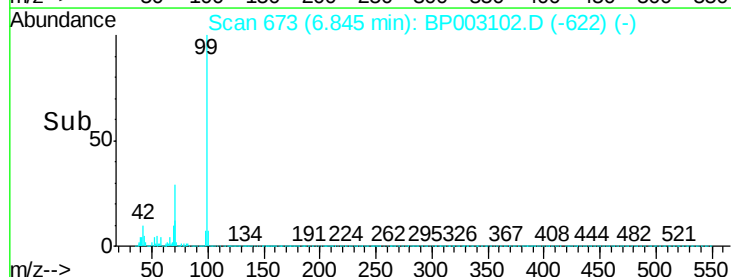
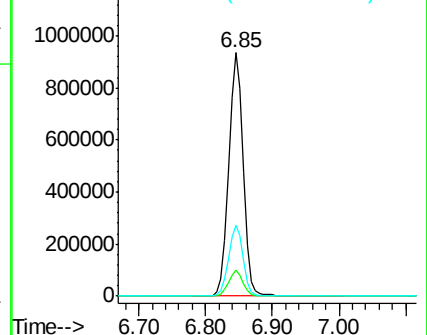
71 29.3 22.8 34.2

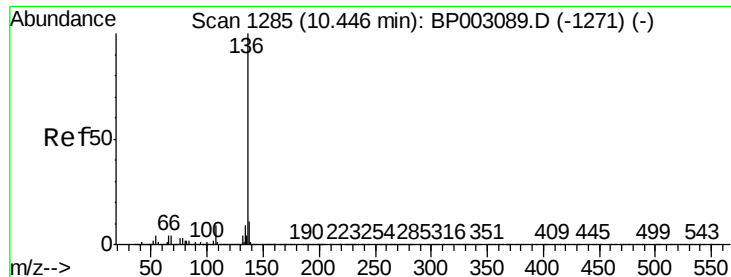


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

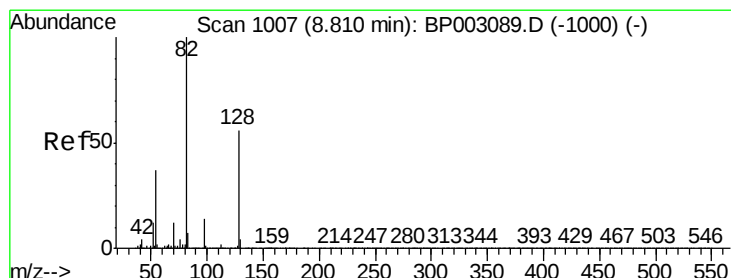
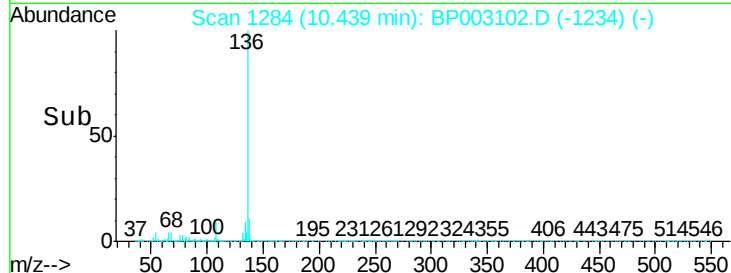
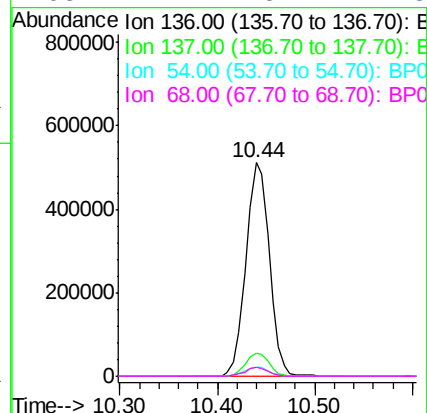
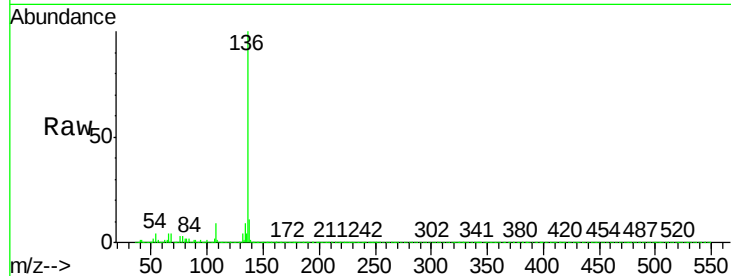




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.44 min Scan# 1284  
Delta R.T. -0.01 min  
Lab File: BP003102.D  
Acq: 25 Aug 2020 17:23

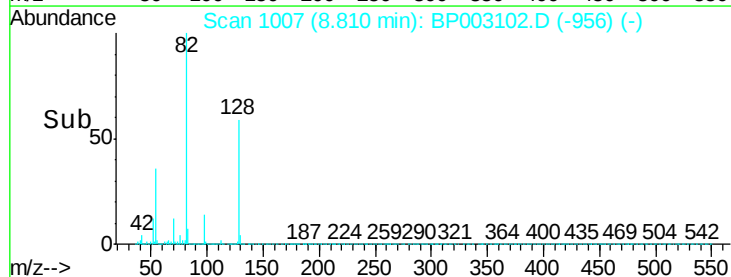
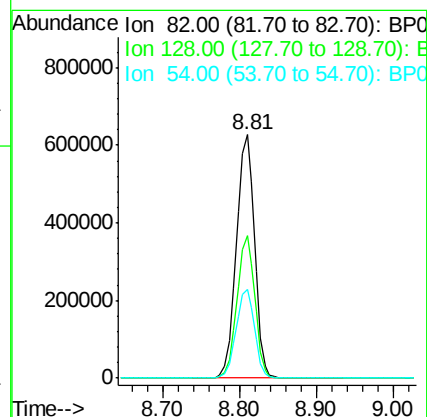
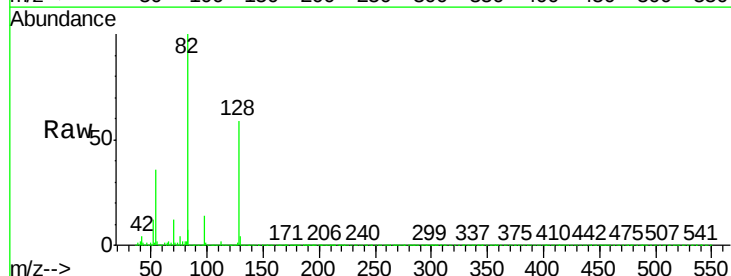
Instrument :  
BNA\_P  
ClientSampleId :  
JC-03-082120-A

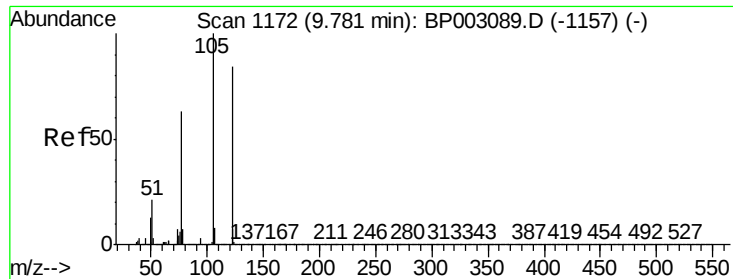
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 857087 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.9    | 8.8   | 13.2   |
| 54 4.3      | 3.5   | 5.3    |
| 68 4.1      | 3.2   | 4.8    |



#23  
Nitrobenzene-d5  
Concen: 87.506 ng  
RT: 8.81 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: BP003102.D  
Acq: 25 Aug 2020 17:23

|             |               |
|-------------|---------------|
| Tgt Ion: 82 | Resp: 1040359 |
| Ion Ratio   | Lower Upper   |
| 82 100      |               |
| 128 58.7    | 44.9 67.3     |
| 54 36.2     | 29.4 44.2     |

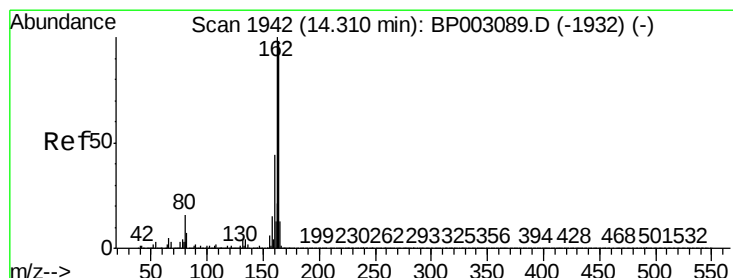
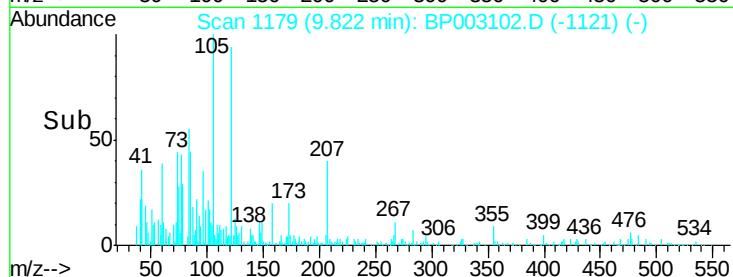
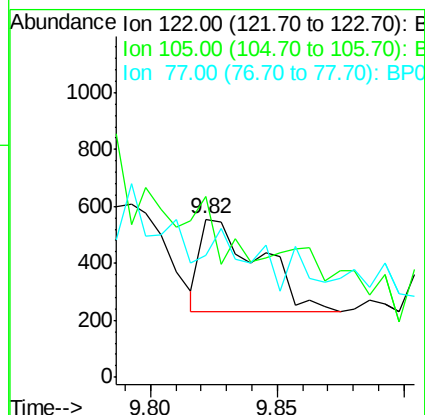
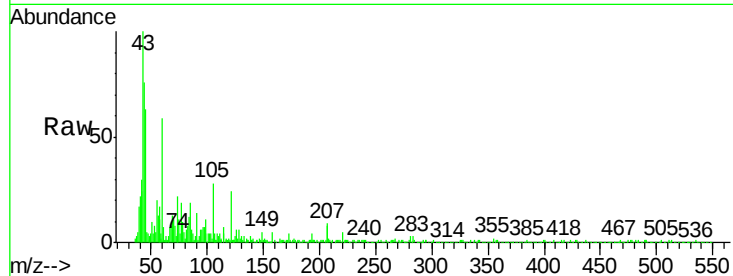




#32  
Benzoic acid  
Concen: 9.050 ng  
RT: 9.82 min Scan# 1179  
Delta R.T. 0.04 min  
Lab File: BP003102.D  
Acq: 25 Aug 2020 17:23

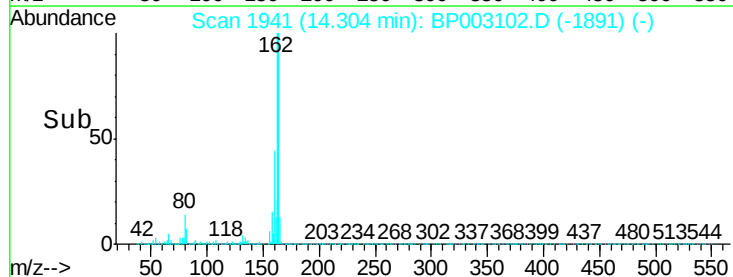
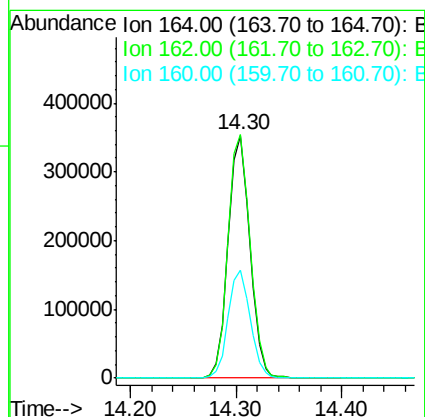
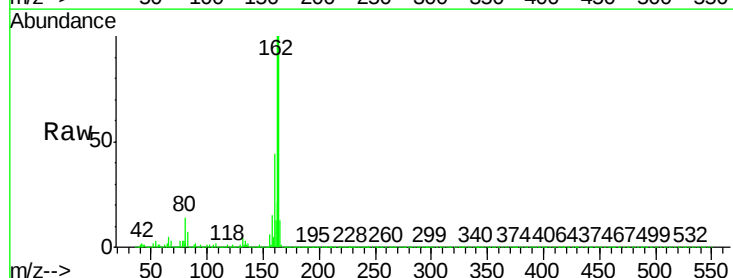
Instrument :  
BNA\_P  
ClientSampleId :  
JC-03-082120-A

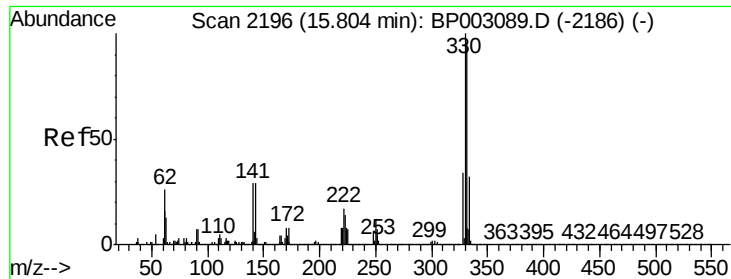
Tot Ion:122 Resp: 531  
Ion Ratio Lower Upper  
122 100  
105 110.4 98.1 138.1  
77 74.3 55.3 95.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.30 min Scan# 1941  
Delta R.T. -0.01 min  
Lab File: BP003102.D  
Acq: 25 Aug 2020 17:23

Tgt Ion:164 Resp: 504379  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.2 121.8  
160 44.4 36.0 54.0

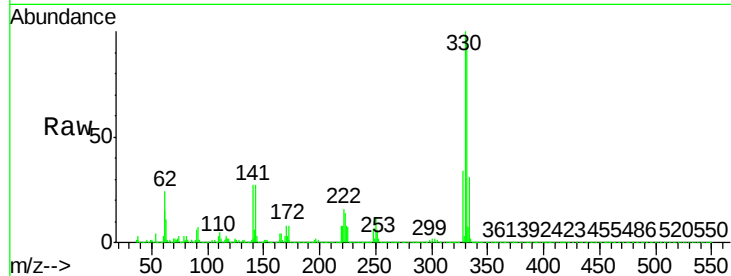




#42  
 2,4,6-Tribromophenol  
 Concen: 126.410 ng  
 RT: 15.80 min Scan# 2195  
 Delta R.T. -0.01 min  
 Lab File: BP003102.D  
 Acq: 25 Aug 2020 17:23

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JC-03-082120-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 77.3  | 115.9 |
| 141     | 28.4  | 24.4  | 36.6  |

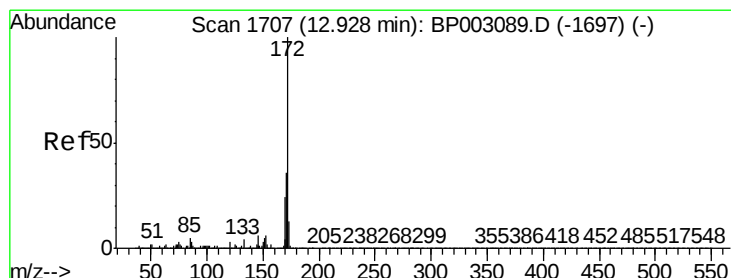
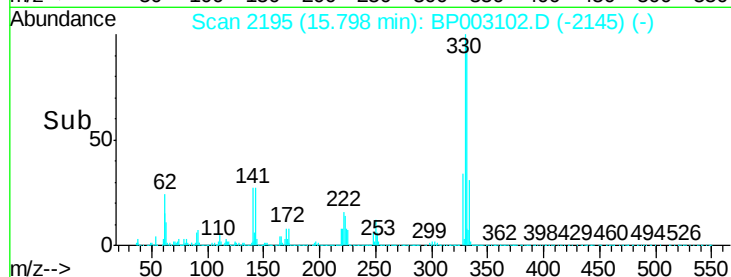
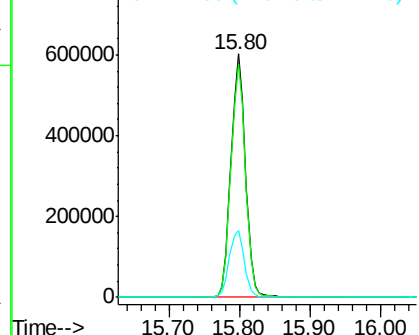


Abundance

Ion 329.80 (329.50 to 330.50): E

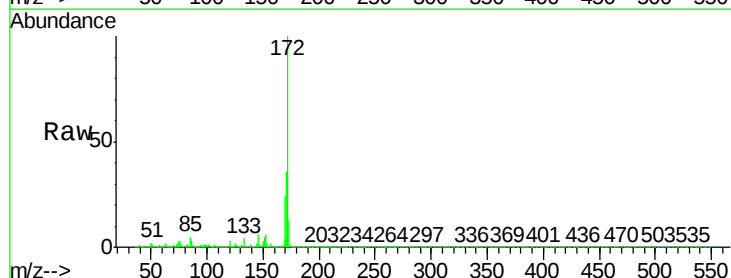
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 83.034 ng  
 RT: 12.92 min Scan# 1706  
 Delta R.T. -0.01 min  
 Lab File: BP003102.D  
 Acq: 25 Aug 2020 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 28.7  | 43.1  |
| 170     | 23.6  | 19.0  | 28.4  |

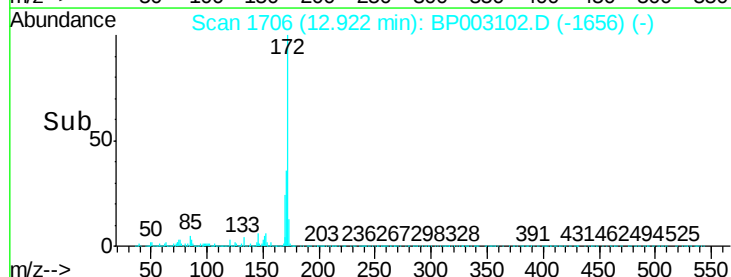
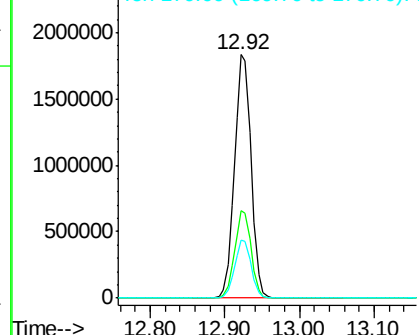


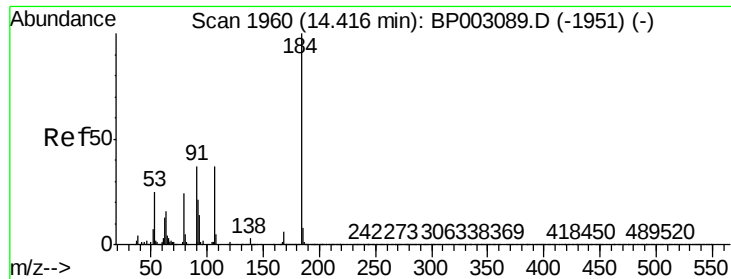
Abundance

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

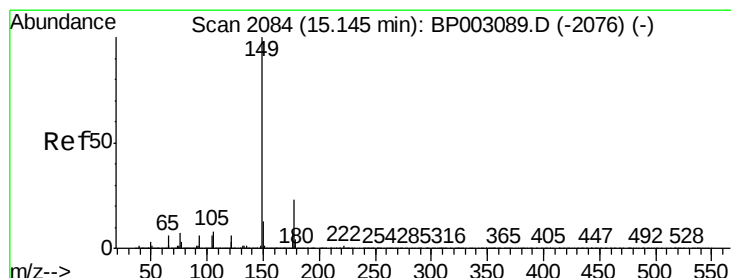
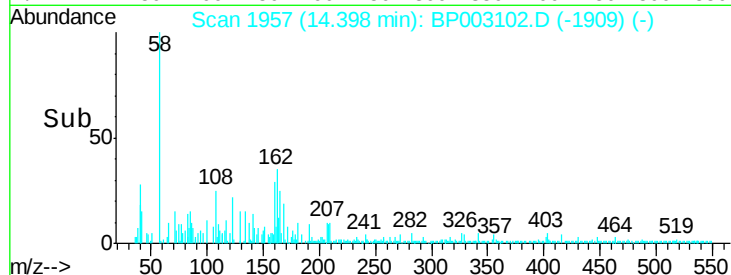
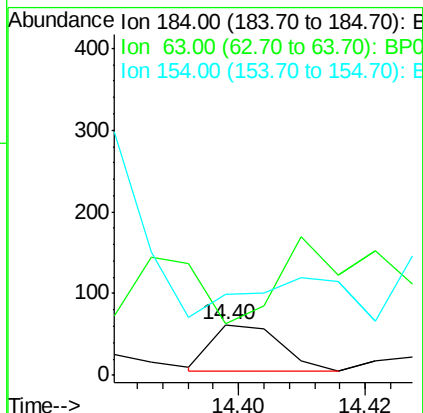
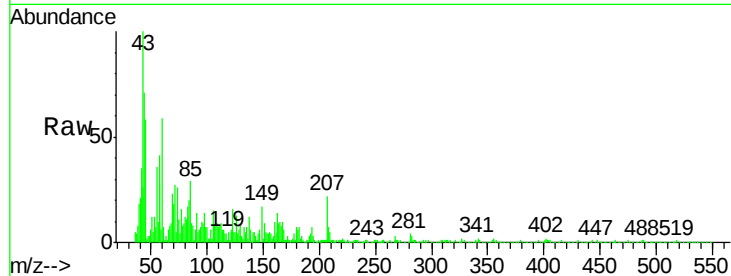




#54  
2,4-Dinitrophenol  
Concen: 7.764 ng  
RT: 14.40 min Scan# 1957  
Delta R.T. -0.02 min  
Lab File: BP003102.D  
Acq: 25 Aug 2020 17:23

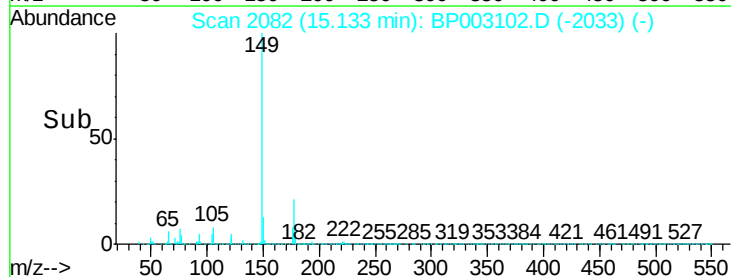
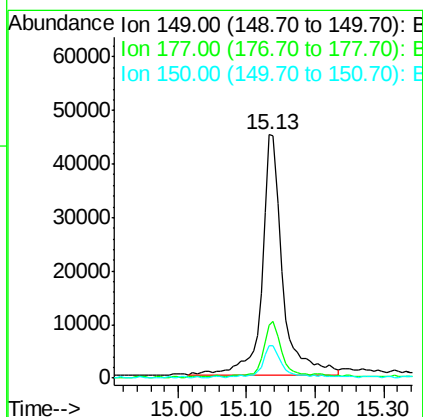
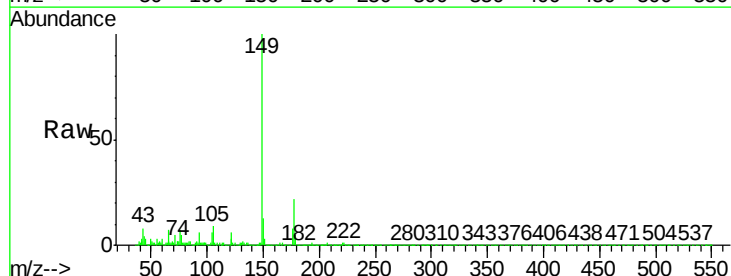
Instrument :  
BNA\_P  
ClientSampleId :  
JC-03-082120-A

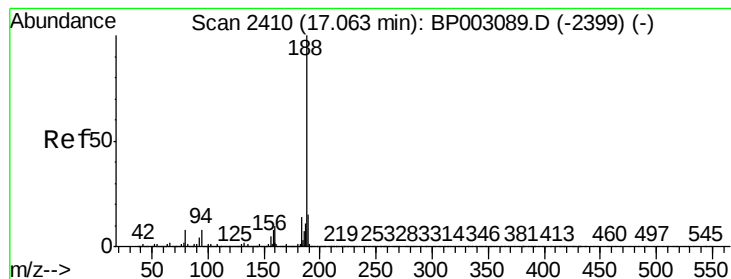
Tot Ion:184 Resp: 43  
Ion Ratio Lower Upper  
184 100  
63 101.6 32.0 48.0#  
154 159.7 48.2 72.2#



#60  
Diethylphthalate  
Concen: 2.448 ng  
RT: 15.13 min Scan# 2082  
Delta R.T. -0.01 min  
Lab File: BP003102.D  
Acq: 25 Aug 2020 17:23

Tgt Ion:149 Resp: 92359  
Ion Ratio Lower Upper  
149 100  
177 21.6 18.1 27.1  
150 13.3 10.2 15.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003102.D

Acq: 25 Aug 2020 17:23

Instrument :

BNA\_P

ClientSampleId :

JC-03-082120-A

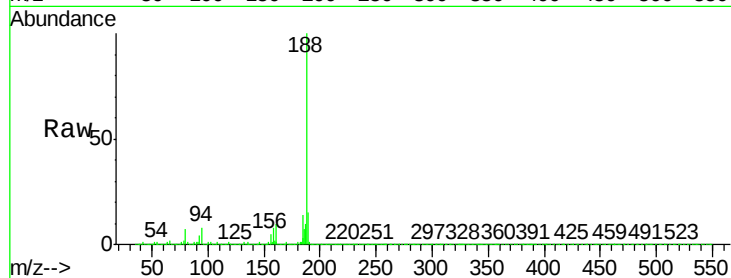
Tot Ion:188 Resp: 1075126

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

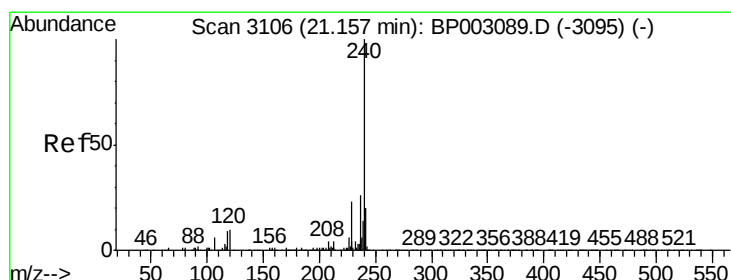
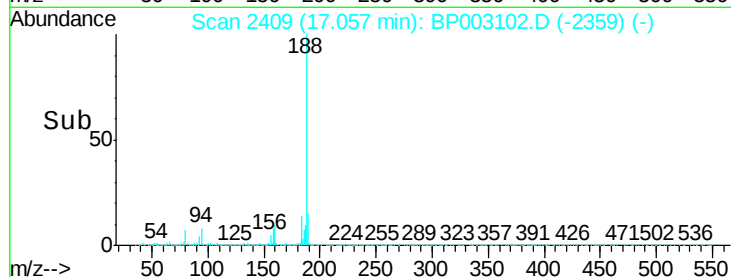
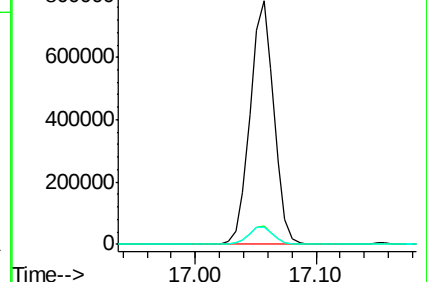
80 7.2 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003102.D

Acq: 25 Aug 2020 17:23

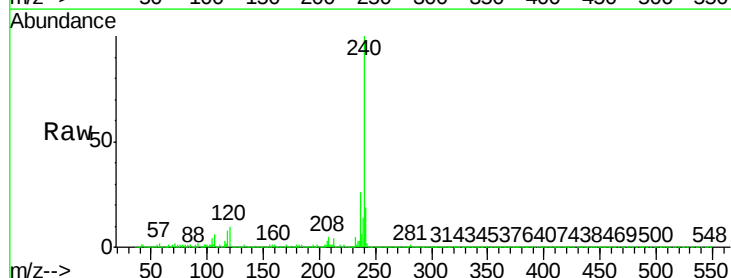
Tgt Ion:240 Resp: 1218145

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

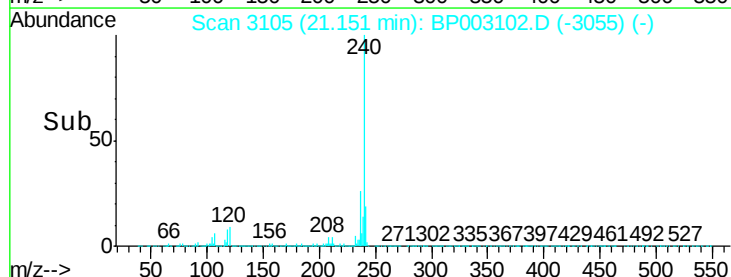
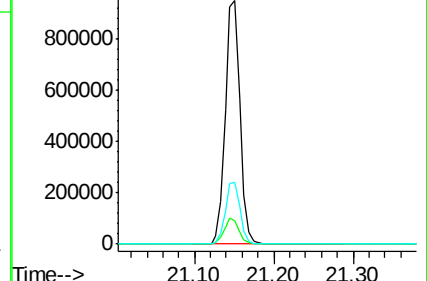
236 25.6 20.6 31.0

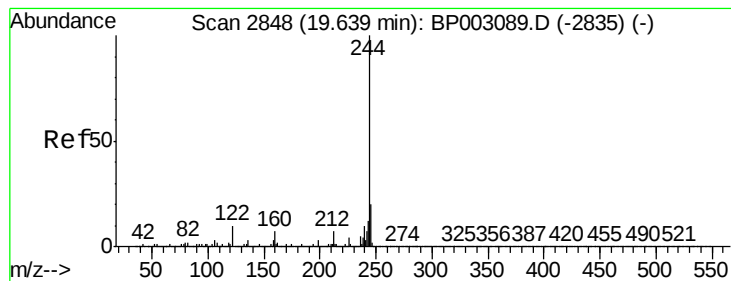


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.165 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003102.D

Acq: 25 Aug 2020 17:23

Instrument :

BNA\_P

ClientSampleId :

JC-03-082120-A

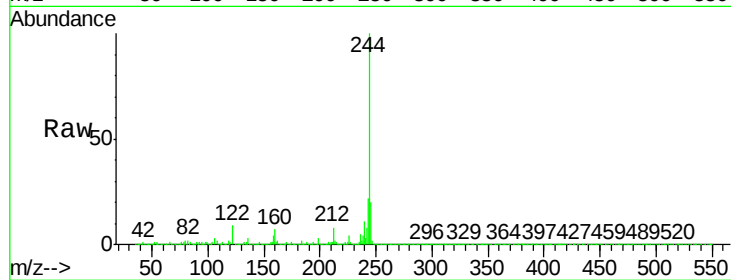
Tot Ion:244 Resp: 4050386

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

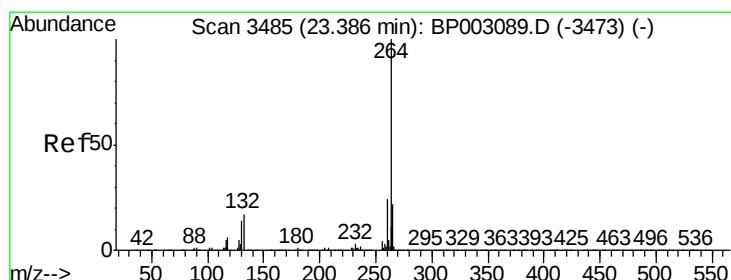
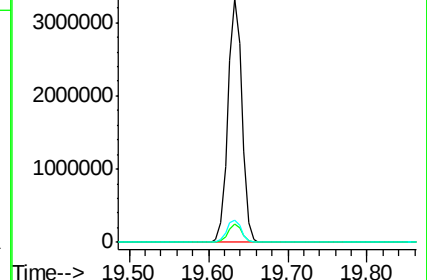
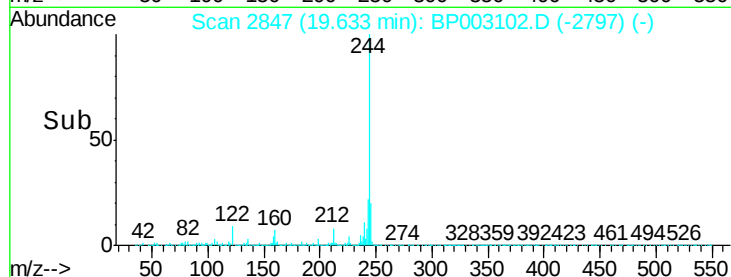
122 9.0 7.7 11.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3485

Delta R.T. -0.00 min

Lab File: BP003102.D

Acq: 25 Aug 2020 17:23

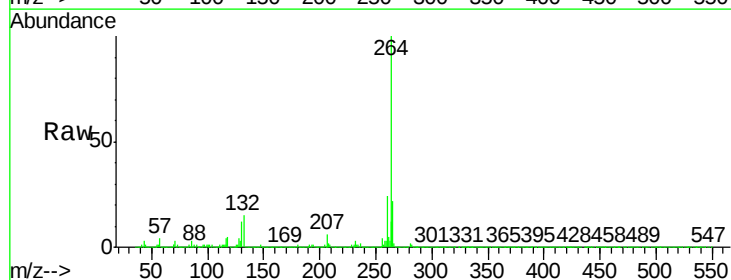
Tgt Ion:264 Resp: 1452431

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 17.7 26.5



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

