

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\  
 Data File : BP002654.D  
 Acq On : 07 Jul 2020 12:59  
 Operator : CG/JU  
 Sample : L3204-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WF-COMP

Quant Time: Jul 07 14:41:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 29 16:51:57 2020  
 Response via : Initial Calibration

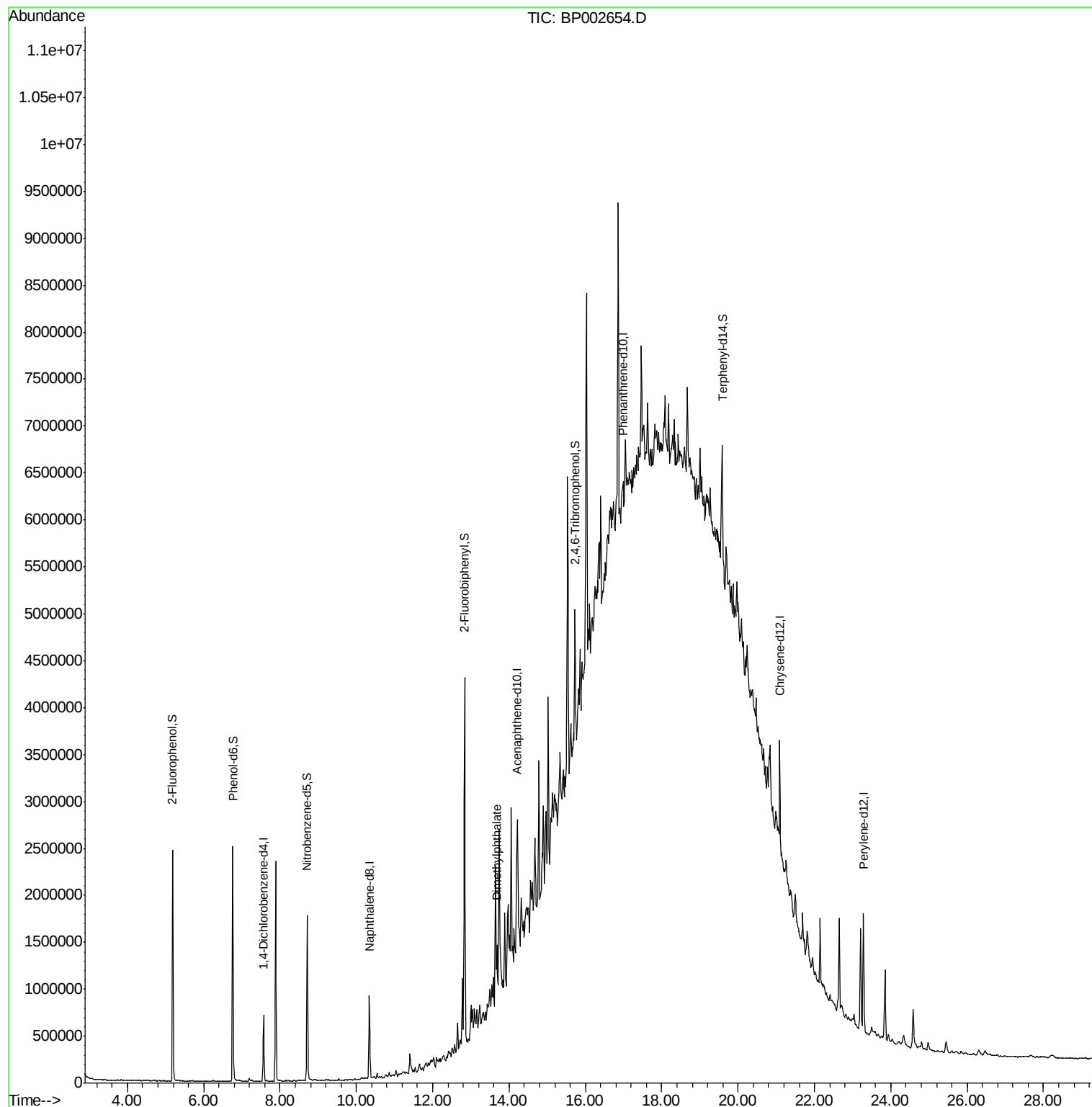
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.57  | 152  | 187913   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.34 | 136  | 728240   | 20.00  | ng    | 0.00           |
| 39) Acenaphthene-d10        | 14.22 | 164  | 383319   | 20.00  | ng    | 0.00           |
| 64) Phenanthrene-d10        | 16.99 | 188  | 317518   | 20.00  | ng    | 0.00           |
| 76) Chrysene-d12            | 21.09 | 240  | 572224   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.28 | 264  | 845699   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.19  | 112  | 1138164  | 102.55 | ng    | 0.00           |
| 7) Phenol-d6                | 6.76  | 99   | 1546817  | 99.85  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 8.71  | 82   | 1047691  | 74.13  | ng    | -0.01          |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330  | 361000   | 77.43  | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 12.83 | 172  | 2130874  | 81.82  | ng    | 0.00           |
| 79) Terphenyl-d14           | 19.59 | 244  | 1097838  | 41.41  | ng    | 0.01           |
| Target Compounds            |       |      |          |        |       |                |
| 50) Dimethylphthalate       | 13.68 | 163  | 314687   | 10.452 | ng    | Qvalue<br># 98 |

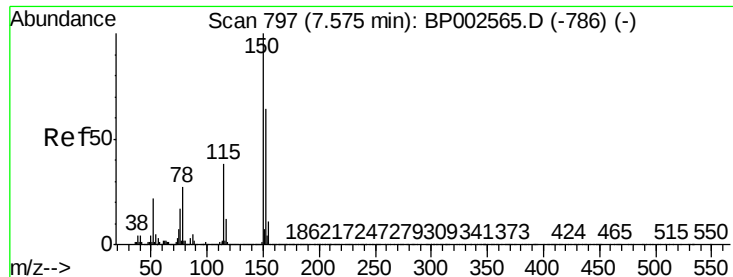
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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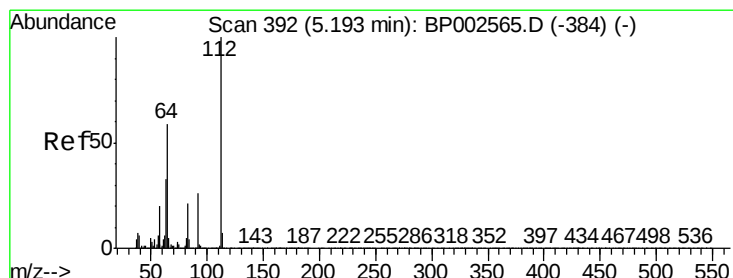
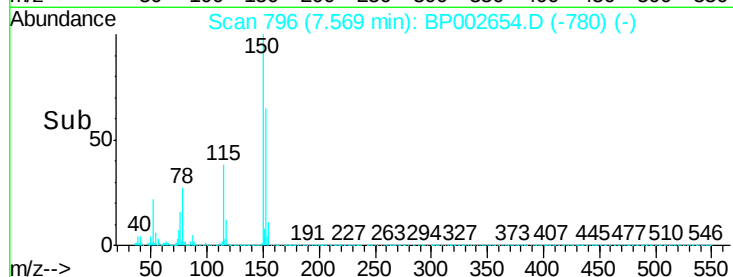
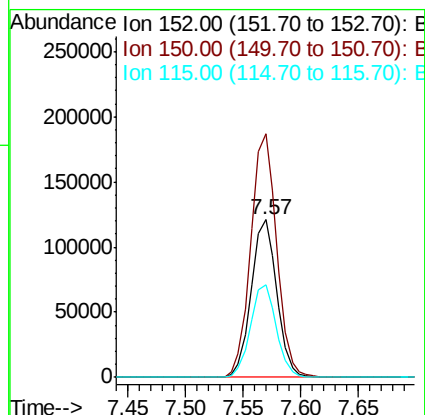
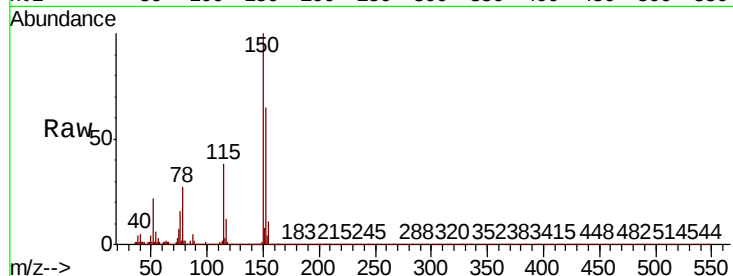


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.57 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BP002654.D  
Acq: 07 Jul 2020 12:59

Instrument :  
BNA\_P  
ClientSampleId :  
WF-COMP

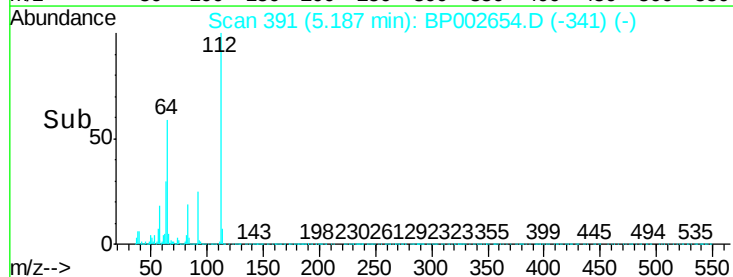
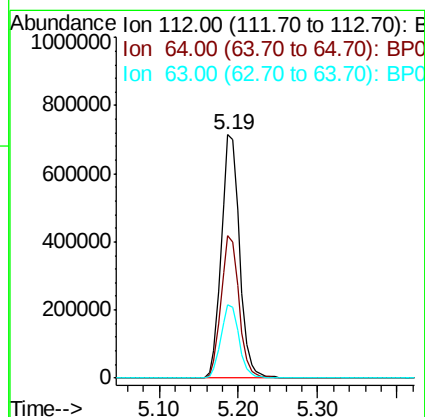
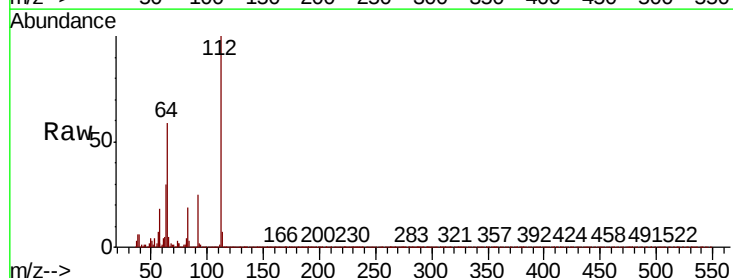
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.4 | 124.2 | 186.2 |
| 115     | 59.1  | 47.1  | 70.7  |

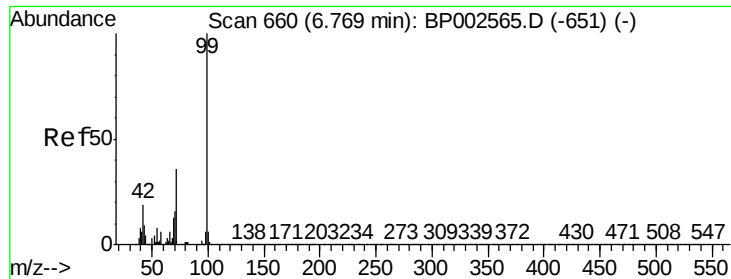


#5

2-Fluorophenol  
Concen: 102.550 ng  
RT: 5.19 min Scan# 391  
Delta R.T. -0.01 min  
Lab File: BP002654.D  
Acq: 07 Jul 2020 12:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 58.8  | 47.0  | 70.6  |
| 63      | 30.2  | 26.1  | 39.1  |





#7

Phenol-d6

Concen: 99.853 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002654.D

Acq: 07 Jul 2020 12:59

Instrument :

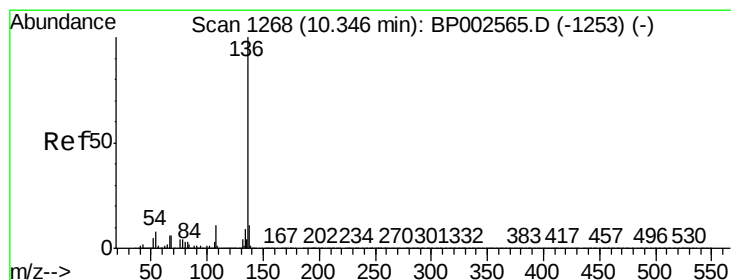
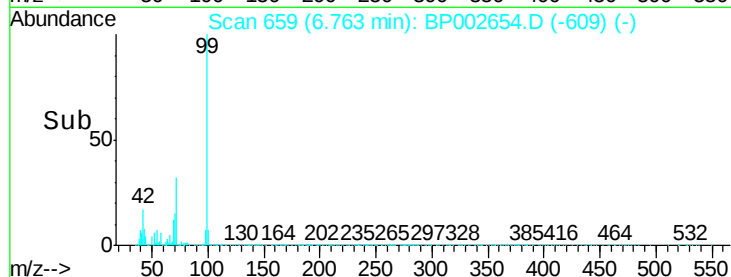
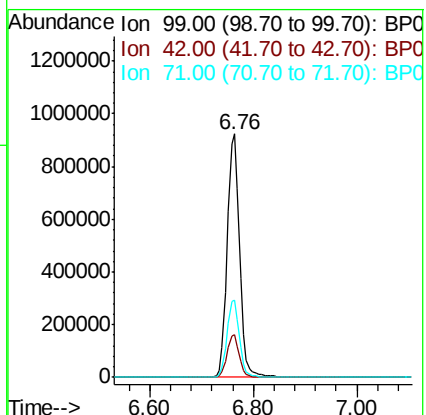
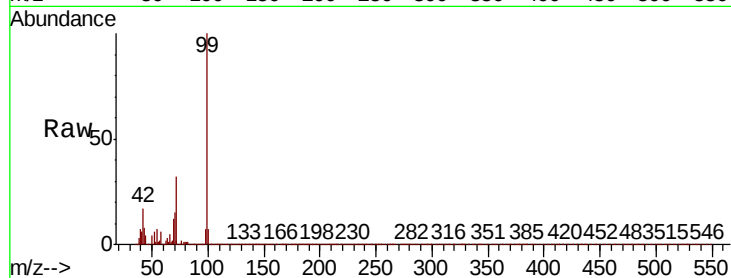
BNA\_P

ClientSampleId :

WF-COMP

Tot Ion: 99 Resp: 1546817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.4  | 15.5  | 23.3  |
| 71  | 31.9  | 28.9  | 43.3  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

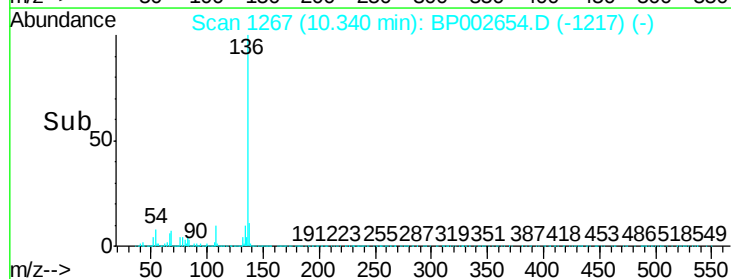
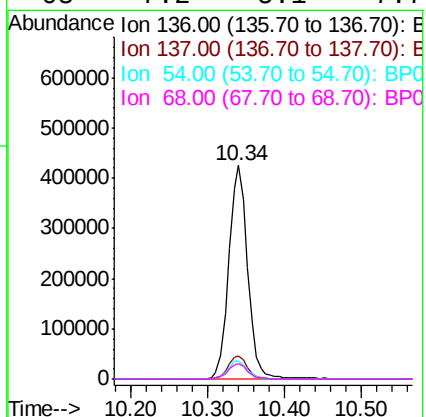
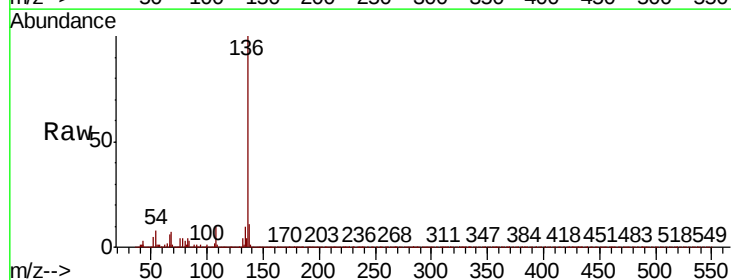
Delta R.T. -0.01 min

Lab File: BP002654.D

Acq: 07 Jul 2020 12:59

Tgt Ion: 136 Resp: 728240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 8.3   | 6.4   | 9.6   |
| 68  | 7.2   | 5.1   | 7.7   |



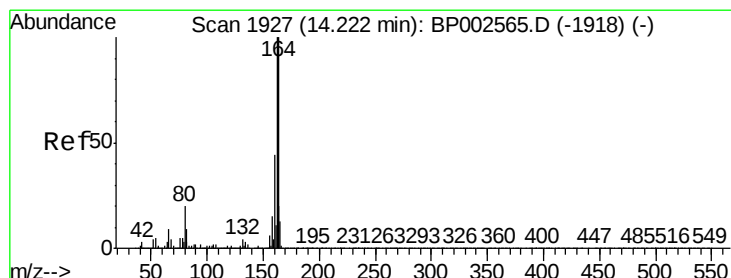
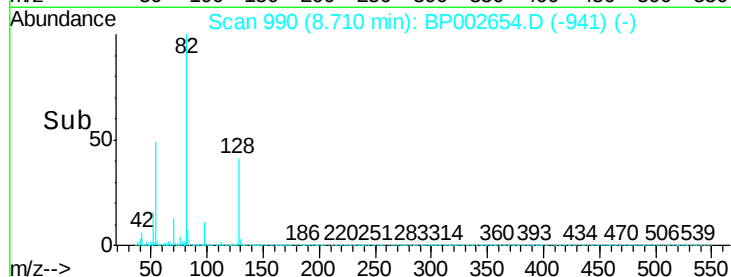
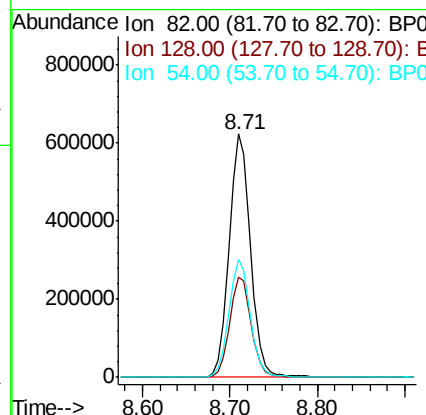
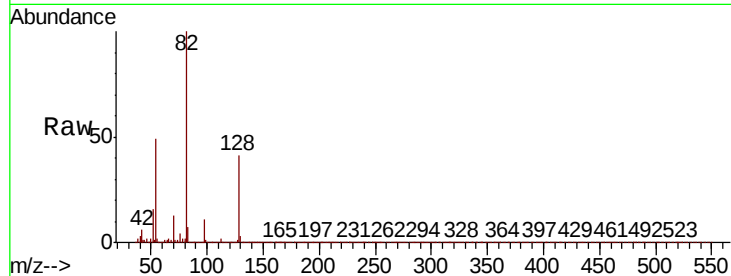


#23  
 Nitrobenzene-d5  
 Concen: 74.127 ng  
 RT: 8.71 min Scan# 990  
 Delta R.T. -0.01 min  
 Lab File: BP002654.D  
 Acq: 07 Jul 2020 12:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WF-COMP

Tot Ion: 82 Resp: 1047691  

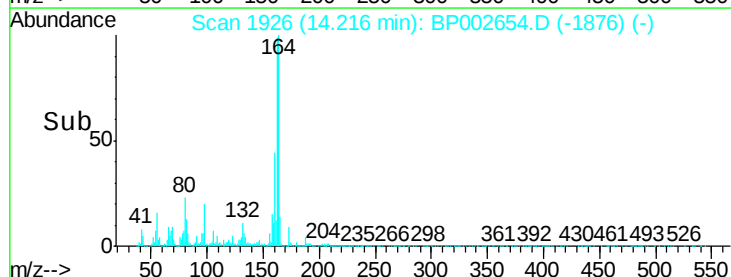
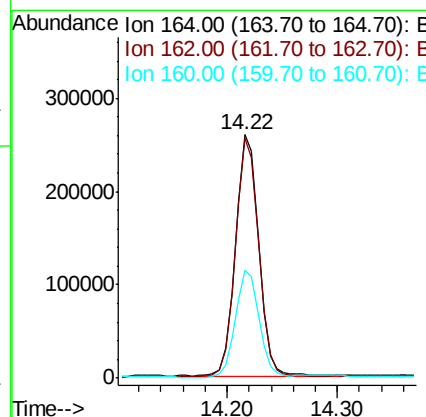
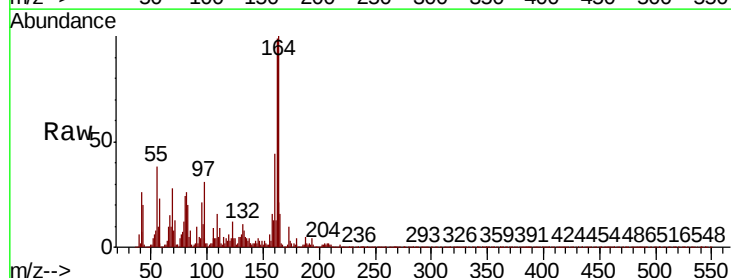
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.4  | 33.4  | 50.2  |
| 54  | 48.7  | 40.1  | 60.1  |

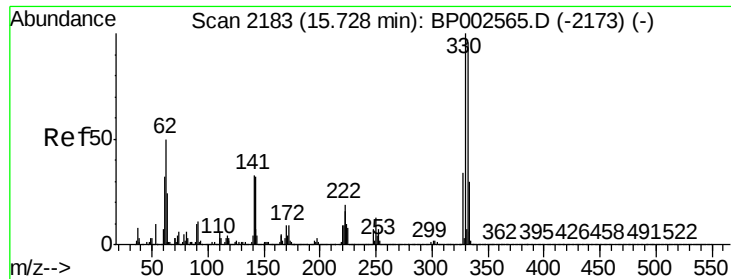


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.22 min Scan# 1926  
 Delta R.T. -0.01 min  
 Lab File: BP002654.D  
 Acq: 07 Jul 2020 12:59

Tgt Ion: 164 Resp: 383319  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 98.5  | 80.3  | 120.5 |
| 160 | 44.2  | 35.0  | 52.6  |

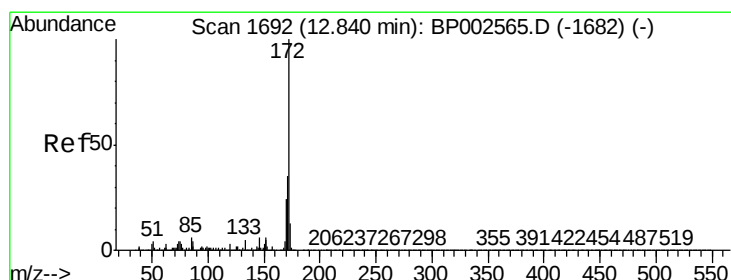
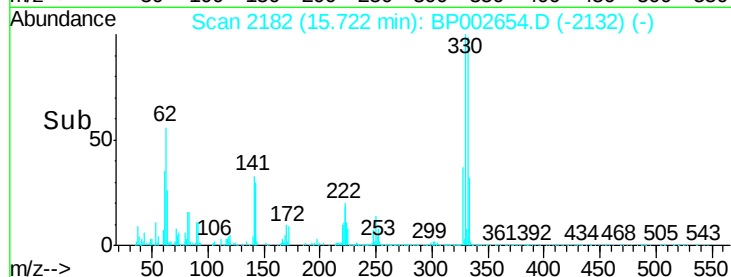
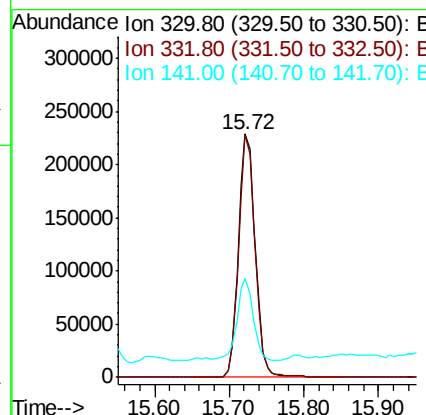
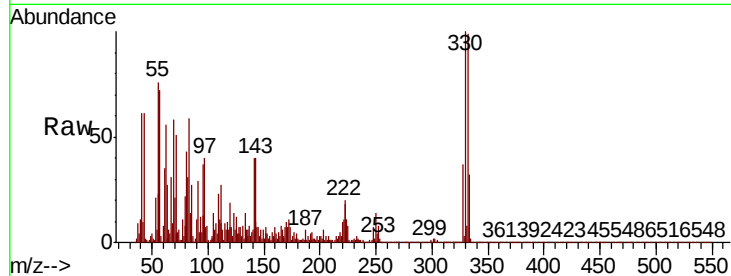




#42  
 2,4,6-Tribromophenol  
 Concen: 77.431 ng  
 RT: 15.72 min Scan# 2182  
 Delta R.T. -0.01 min  
 Lab File: BP002654.D  
 Acq: 07 Jul 2020 12:59

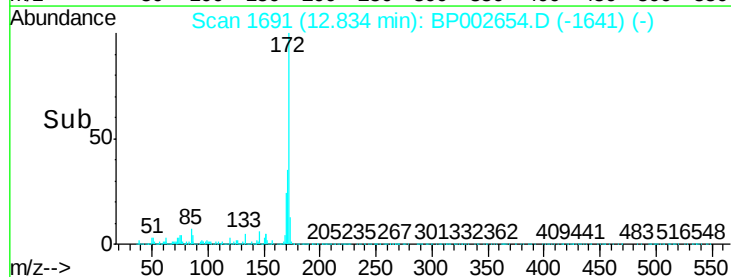
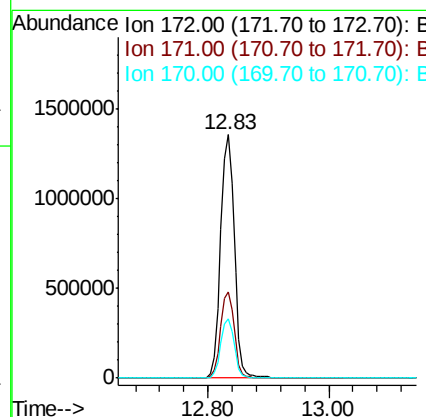
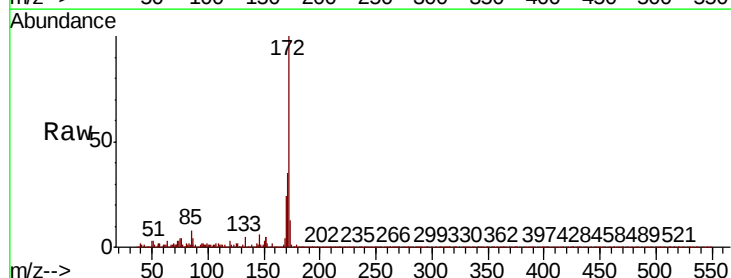
Instrument :  
 BNA\_P  
 ClientSampleId :  
 WF-COMP

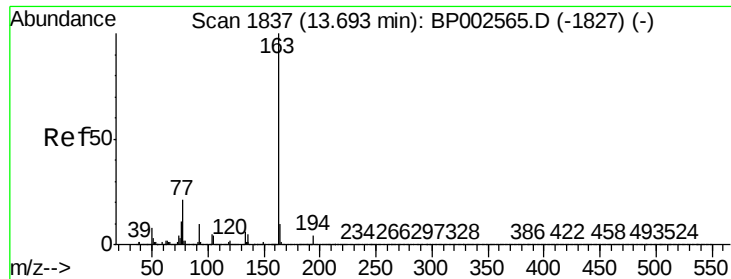
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.9  | 77.7  | 116.5 |
| 141     | 31.9  | 29.0  | 43.6  |



#45  
 2-Fluorobiphenyl  
 Concen: 81.819 ng  
 RT: 12.83 min Scan# 1691  
 Delta R.T. -0.01 min  
 Lab File: BP002654.D  
 Acq: 07 Jul 2020 12:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.0  | 42.0  |
| 170     | 24.1  | 19.0  | 28.4  |





#50

Dimethylphthalate

Concen: 10.452 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002654.D

Acq: 07 Jul 2020 12:59

Instrument :

BNA\_P

ClientSampleId :

WF-COMP

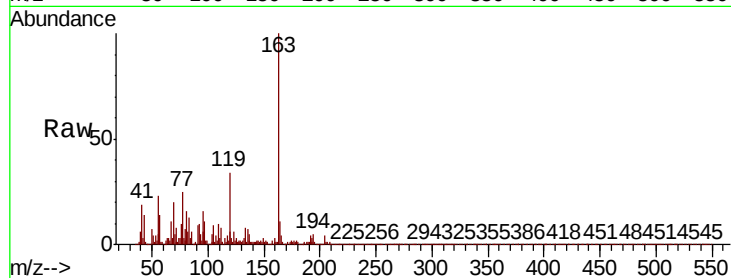
Tot Ion:163 Resp: 314687

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.0#

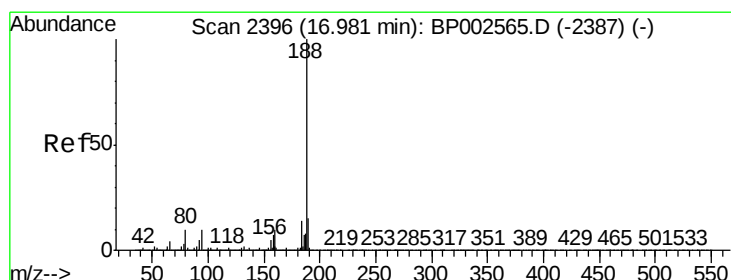
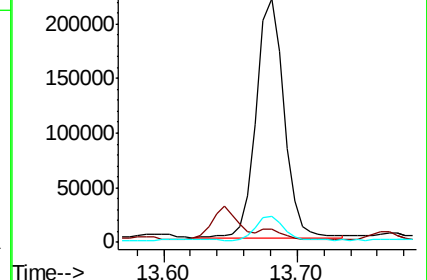
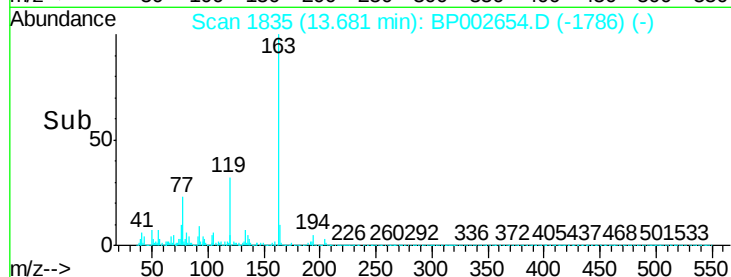
164 10.5 8.2 12.4



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BP002654.D

Acq: 07 Jul 2020 12:59

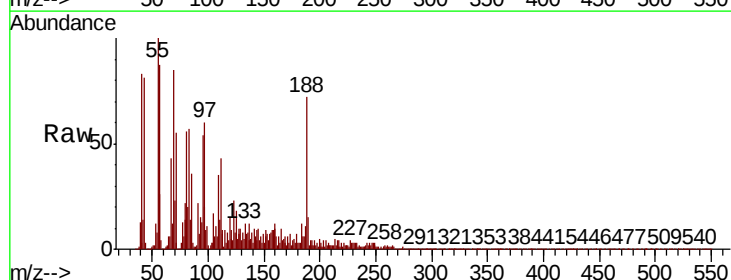
Tgt Ion:188 Resp: 317518

Ion Ratio Lower Upper

188 100

94 18.4 7.8 11.6#

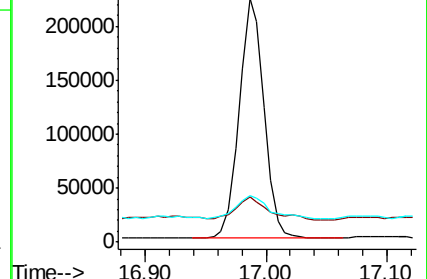
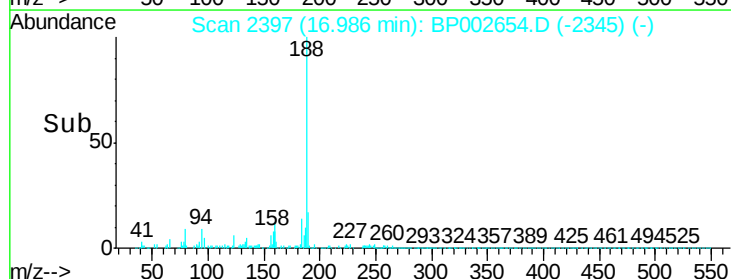
80 19.0 8.2 12.4#

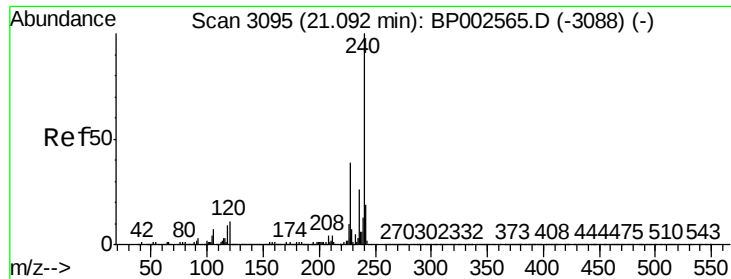


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

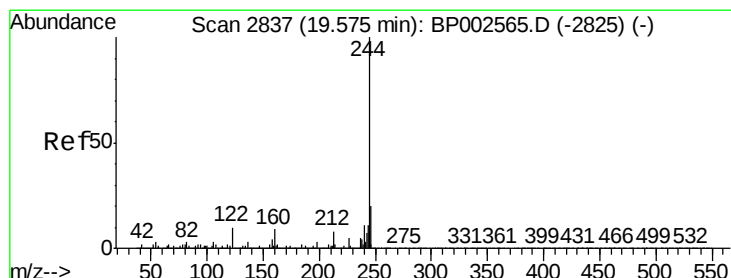
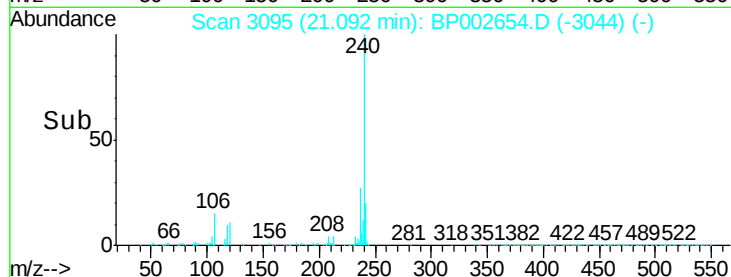
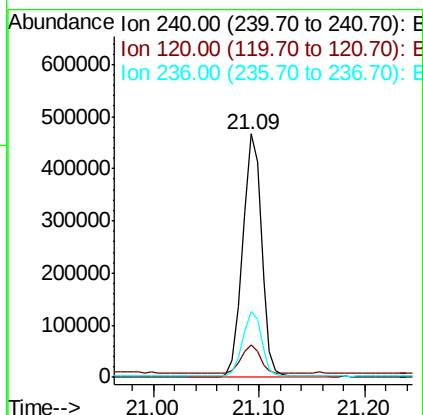
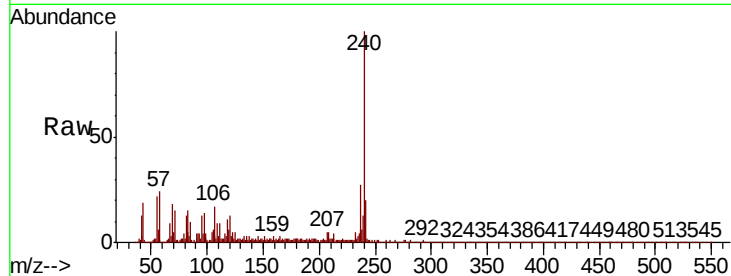




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.09 min Scan# 3095  
Delta R.T. -0.00 min  
Lab File: BP002654.D  
Acq: 07 Jul 2020 12:59

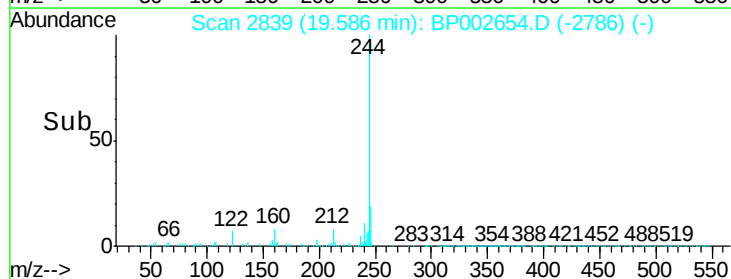
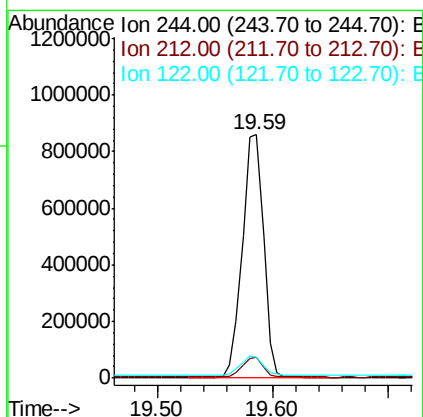
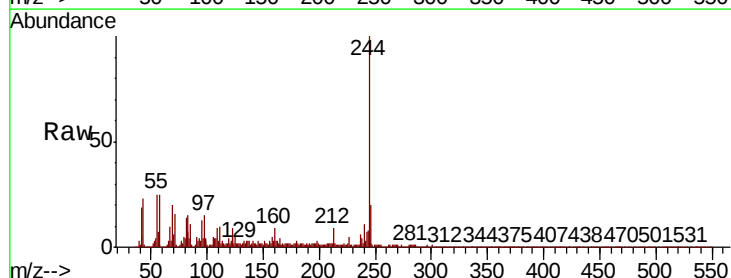
Instrument :  
BNA\_P  
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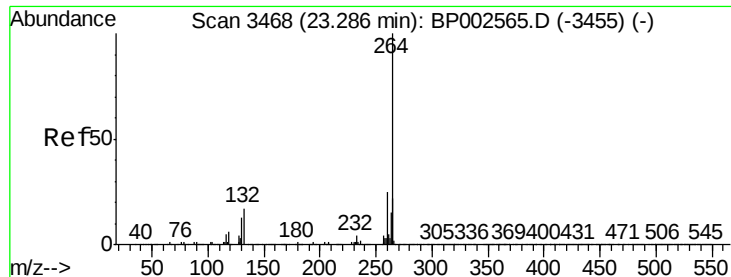
Tot Ion:240 Resp: 572224  
Ion Ratio Lower Upper  
240 100  
120 13.3 8.6 13.0#  
236 27.2 20.8 31.2



#79  
Terphenyl-d14  
Concen: 41.412 ng  
RT: 19.59 min Scan# 2839  
Delta R.T. 0.01 min  
Lab File: BP002654.D  
Acq: 07 Jul 2020 12:59

Tgt Ion:244 Resp: 1097838  
Ion Ratio Lower Upper  
244 100  
212 8.5 6.5 9.7  
122 8.8 7.9 11.9





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.28 min Scan# 3467  
Delta R.T. -0.01 min  
Lab File: BP002654.D  
Acq: 07 Jul 2020 12:59

Instrument :  
BNA\_P  
ClientSampleId :  
WF-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 19.7  | 29.5  |
| 265     | 22.4  | 17.6  | 26.4  |

