

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\  
 Data File : BP002666.D  
 Acq On : 07 Jul 2020 19:47  
 Operator : CG/JU  
 Sample : L3217-05  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E3-41-BOILER-ROOM

Quant Time: Jul 08 02:06:53 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

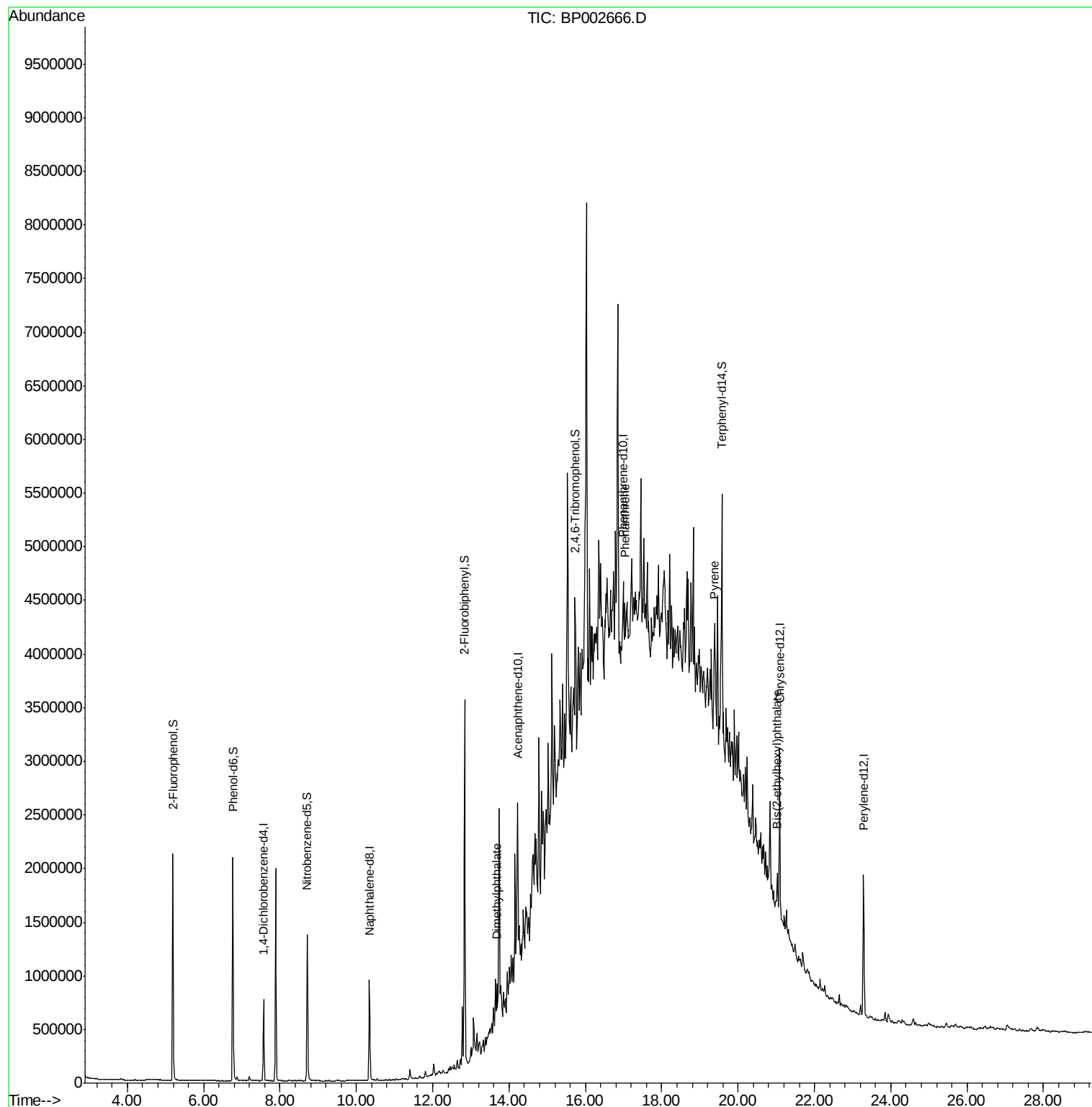
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.57  | 152  | 197733   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.34 | 136  | 786475   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10           | 14.22 | 164  | 444317   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10           | 16.99 | 188  | 506613   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 21.09 | 240  | 727213   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12               | 23.29 | 264  | 914794   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.19  | 112  | 941454   | 80.61 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.76  | 99   | 1290375  | 79.16 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 8.71  | 82   | 836232   | 54.79 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol       | 15.73 | 330  | 302755   | 56.02 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 12.83 | 172  | 1848701  | 61.24 | ng    | 0.00     |
| 79) Terphenyl-d14              | 19.57 | 244  | 1346699  | 39.97 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 50) Dimethylphthalate          | 13.68 | 163  | 226861   | 6.501 | ng    | 99       |
| 71) Phenanthrene               | 17.03 | 178  | 58601    | 2.150 | ng    | # 13     |
| 78) Pyrene                     | 19.37 | 202  | 364199   | 7.358 | ng    | 94       |
| 84) Bis(2-ethylhexyl)phthalate | 21.02 | 149  | 111349   | 3.588 | ng    | 96       |

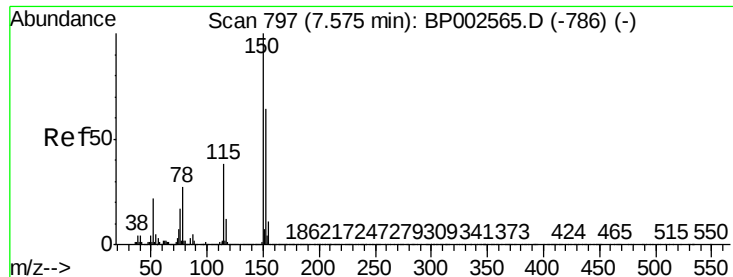
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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BNA\_P  
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E3-41-BOILER-ROOM

Quant Time: Jul 08 02:06:53 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



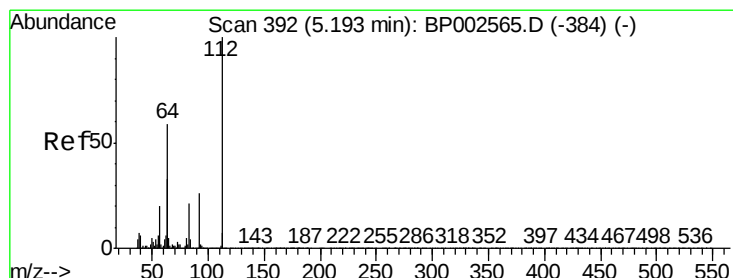
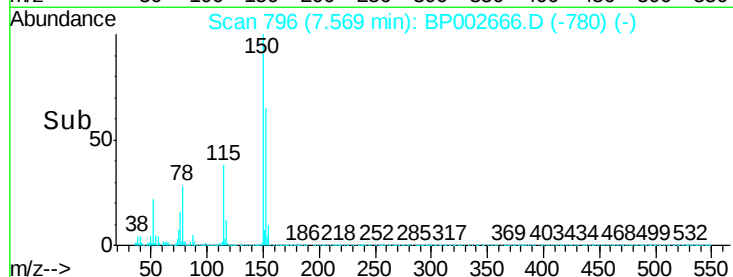
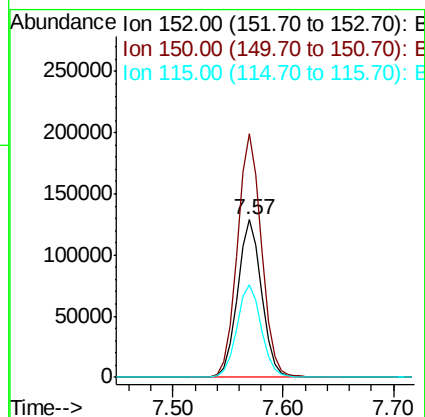
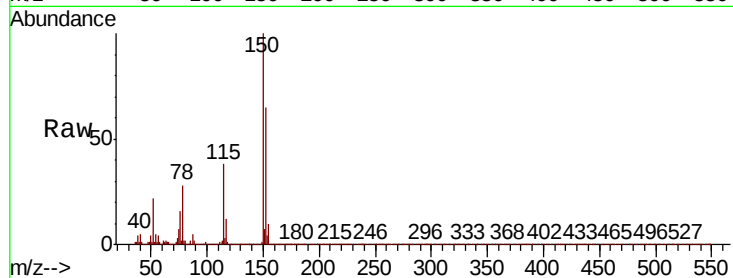


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.57 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BP002666.D  
Acq: 07 Jul 2020 19:47

Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-BOILER-ROOM

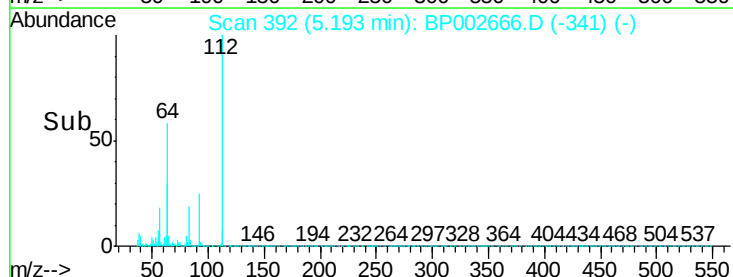
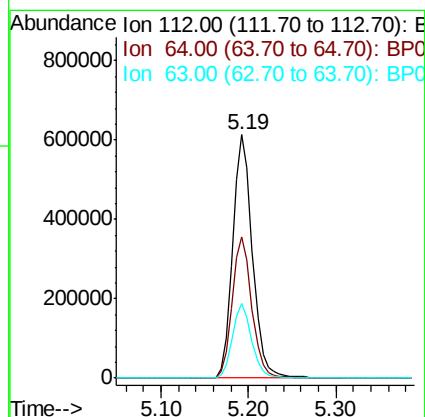
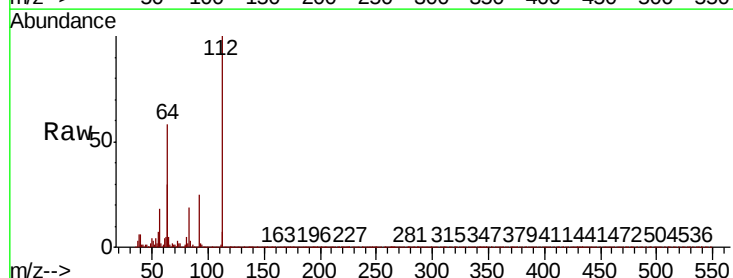
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 124.2 | 186.2 |
| 115     | 58.9  | 47.1  | 70.7  |

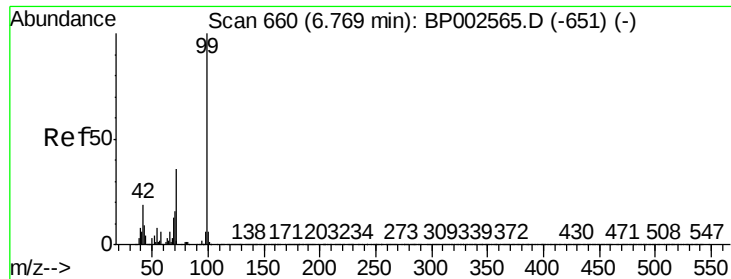


#5

2-Fluorophenol  
Concen: 80.613 ng  
RT: 5.19 min Scan# 392  
Delta R.T. -0.00 min  
Lab File: BP002666.D  
Acq: 07 Jul 2020 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 58.0  | 47.0  | 70.6  |
| 63      | 30.4  | 26.1  | 39.1  |





#7

Phenol-d6

Concen: 79.162 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002666.D

Acq: 07 Jul 2020 19:47

Instrument :

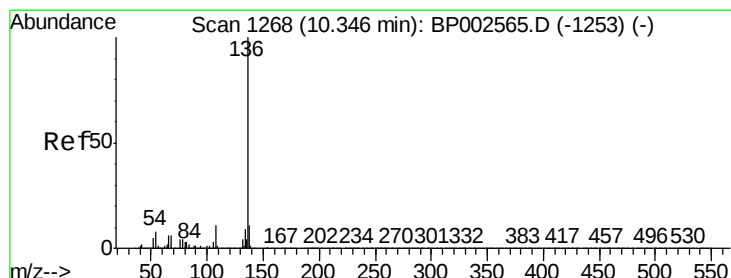
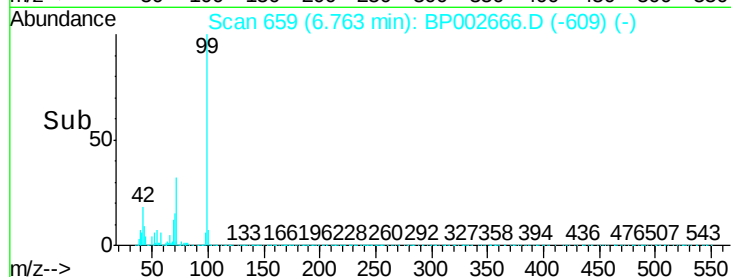
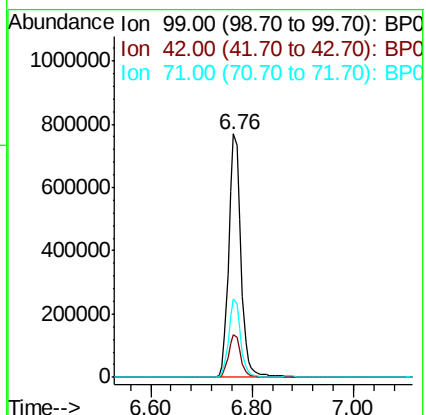
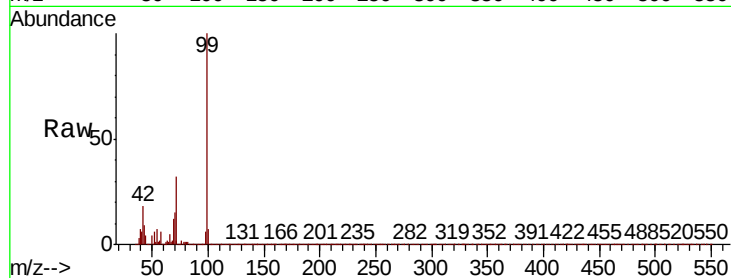
BNA\_P

ClientSampleId :

E3-41-BOILER-ROOM

Tot Ion: 99 Resp: 1290375

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.6  | 15.5  | 23.3  |
| 71  | 32.5  | 28.9  | 43.3  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

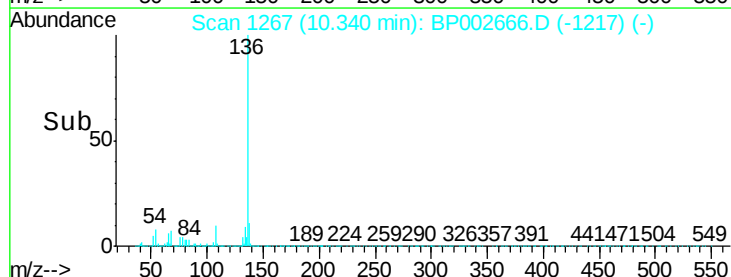
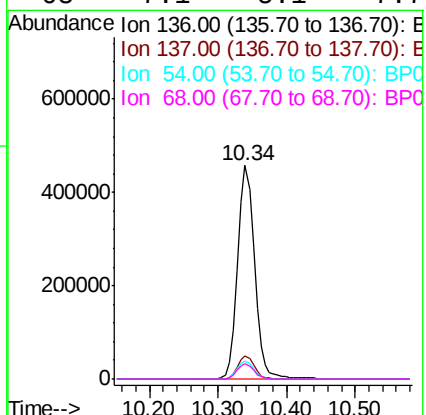
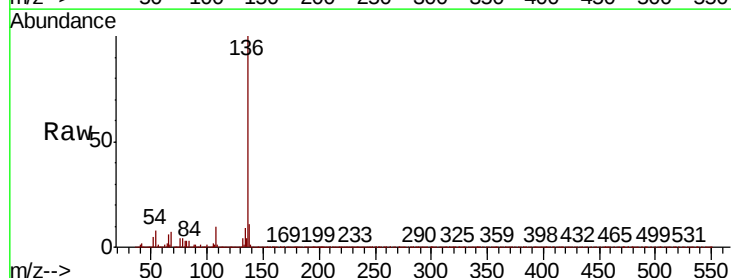
Delta R.T. -0.01 min

Lab File: BP002666.D

Acq: 07 Jul 2020 19:47

Tgt Ion: 136 Resp: 786475

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.8   | 13.2  |
| 54  | 8.5   | 6.4   | 9.6   |
| 68  | 7.1   | 5.1   | 7.7   |

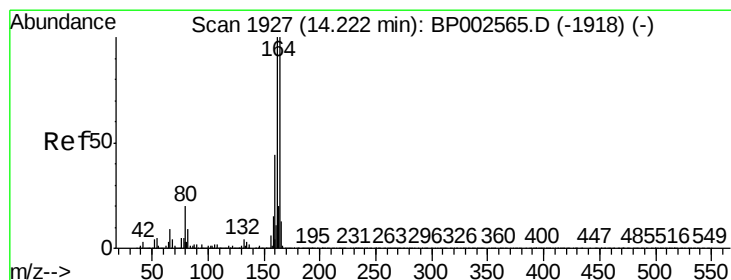
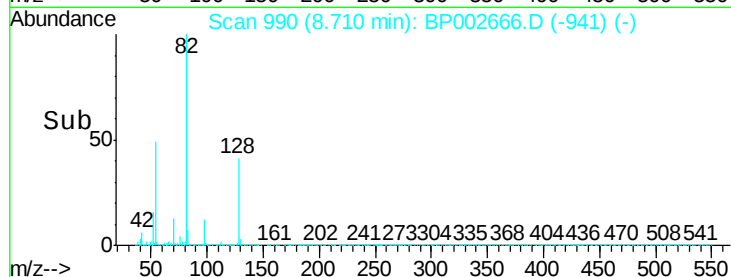
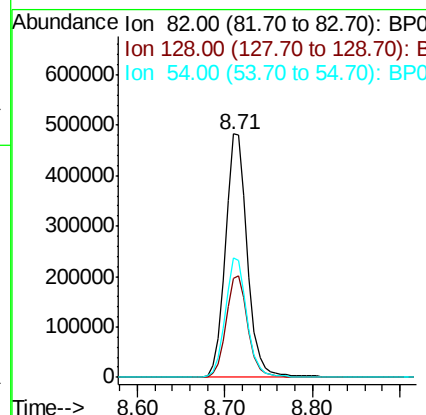
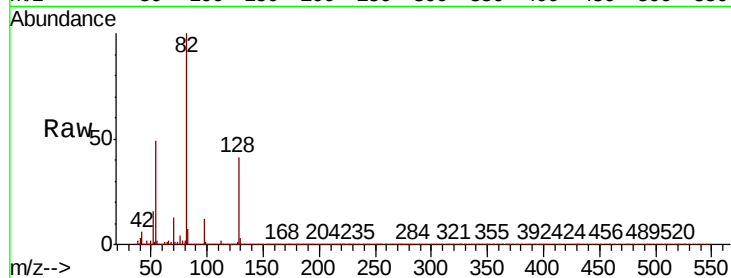




#23  
Nitrobenzene-d5  
Concen: 54.785 ng  
RT: 8.71 min Scan# 990  
Delta R.T. -0.01 min  
Lab File: BP002666.D  
Acq: 07 Jul 2020 19:47

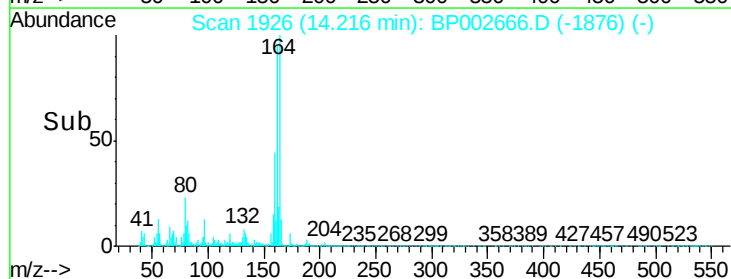
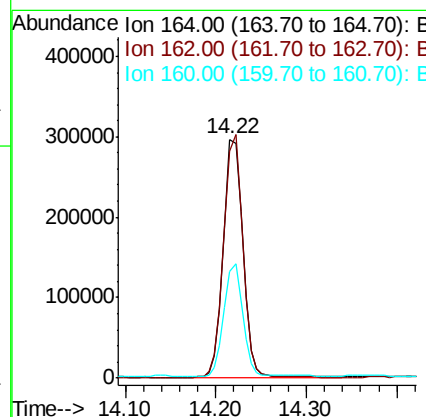
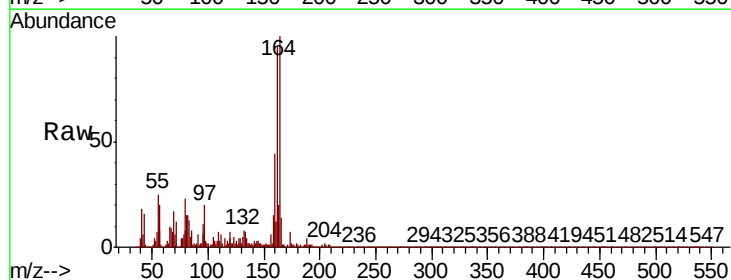
Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-BOILER-ROOM

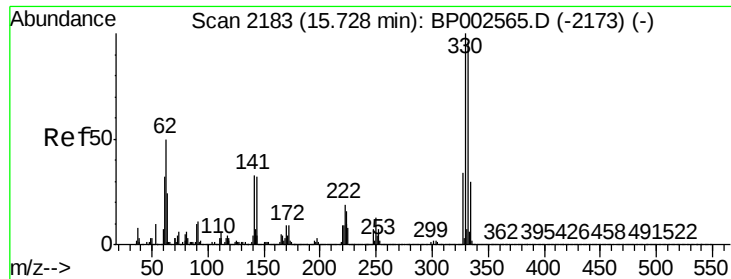
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.8  | 33.4  | 50.2  |
| 54      | 49.2  | 40.1  | 60.1  |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.22 min Scan# 1926  
Delta R.T. -0.01 min  
Lab File: BP002666.D  
Acq: 07 Jul 2020 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 95.0  | 80.3  | 120.5 |
| 160     | 44.4  | 35.0  | 52.6  |

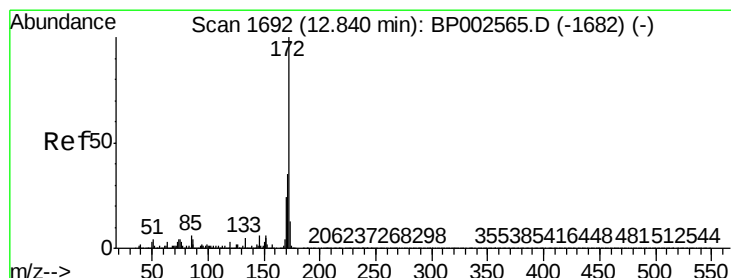
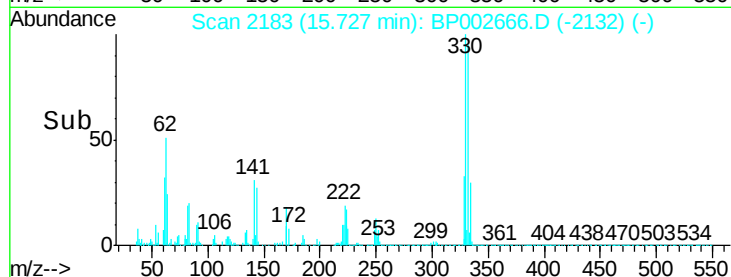
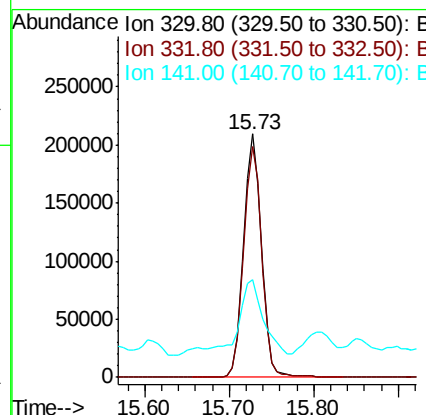
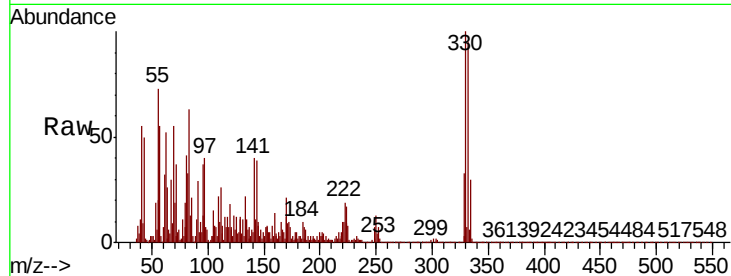




#42  
 2,4,6-Tribromophenol  
 Concen: 56.023 ng  
 RT: 15.73 min Scan# 2183  
 Delta R.T. -0.00 min  
 Lab File: BP002666.D  
 Acq: 07 Jul 2020 19:47

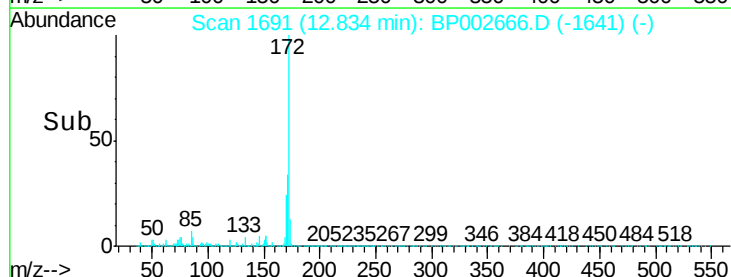
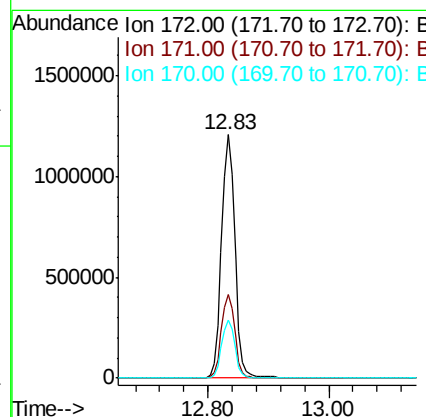
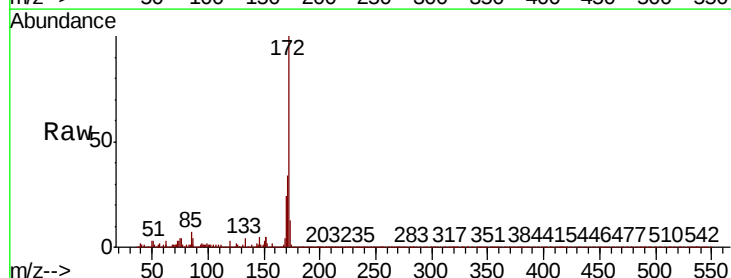
Instrument :  
 BNA\_P  
 ClientSampleId :  
 E3-41-BOILER-ROOM

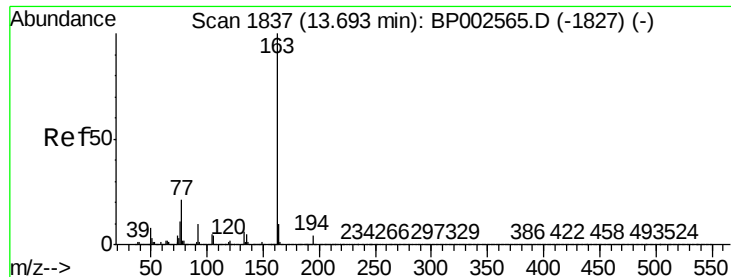
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 77.7  | 116.5 |
| 141     | 39.6  | 29.0  | 43.6  |



#45  
 2-Fluorobiphenyl  
 Concen: 61.240 ng  
 RT: 12.83 min Scan# 1691  
 Delta R.T. -0.01 min  
 Lab File: BP002666.D  
 Acq: 07 Jul 2020 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.2  | 28.0  | 42.0  |
| 170     | 23.6  | 19.0  | 28.4  |





#50

Dimethylphthalate

Concen: 6.501 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002666.D

Acq: 07 Jul 2020 19:47

Instrument :

BNA\_P

ClientSampleId :

E3-41-BOILER-ROOM

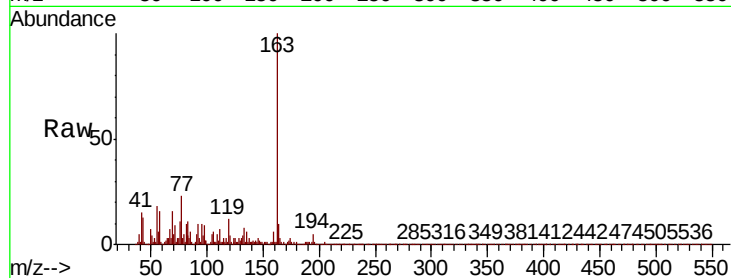
Tot Ion:163 Resp: 226861

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

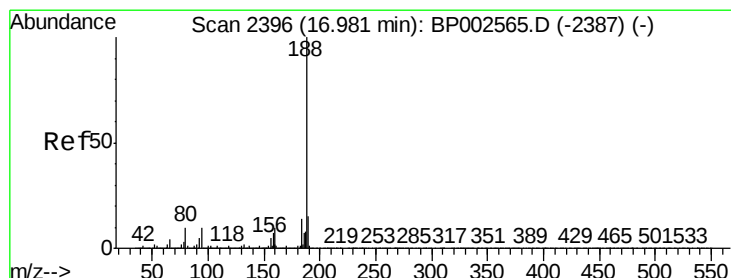
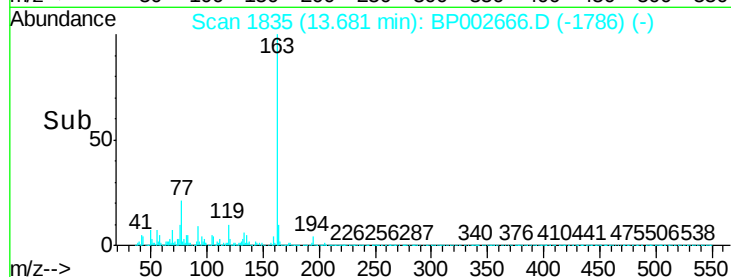
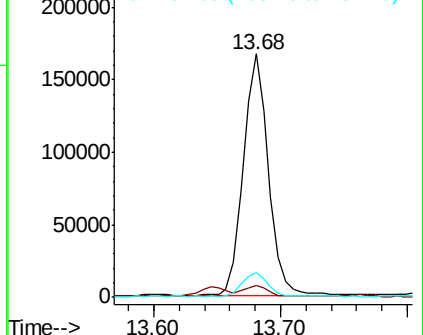
164 10.0 8.2 12.4



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: BP002666.D

Acq: 07 Jul 2020 19:47

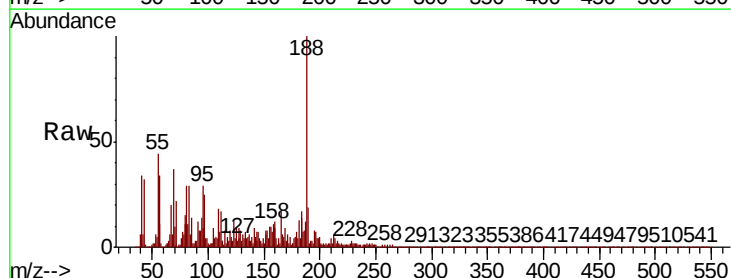
Tgt Ion:188 Resp: 506613

Ion Ratio Lower Upper

188 100

94 14.2 7.8 11.6#

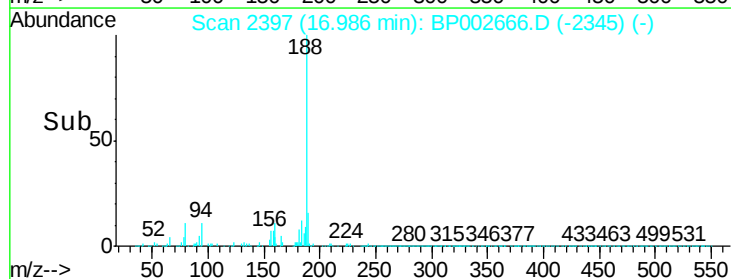
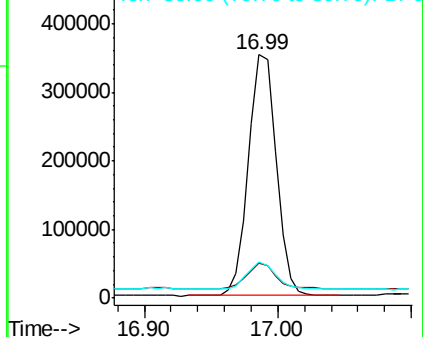
80 15.0 8.2 12.4#

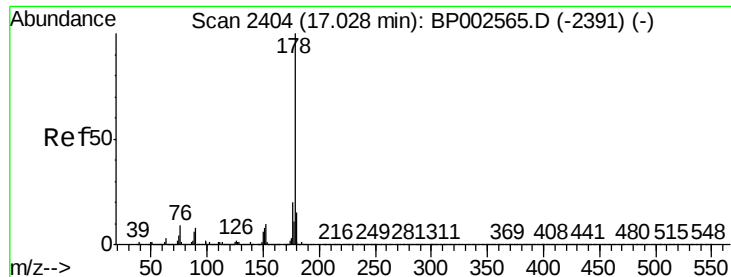


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

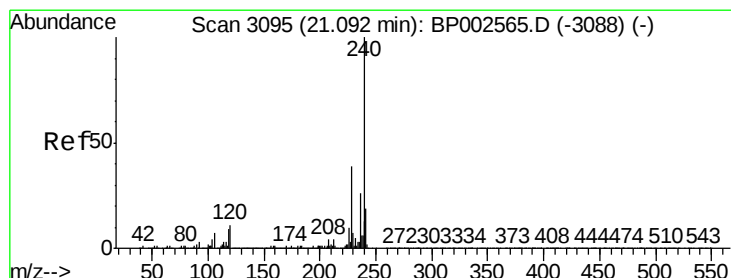
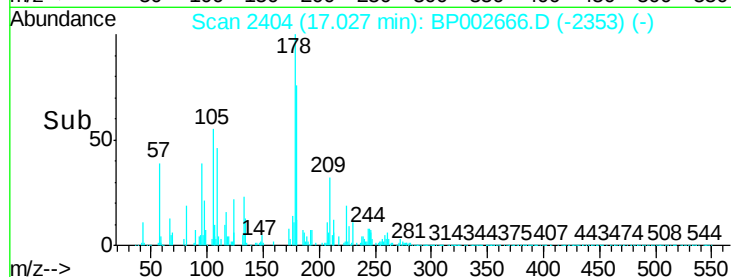
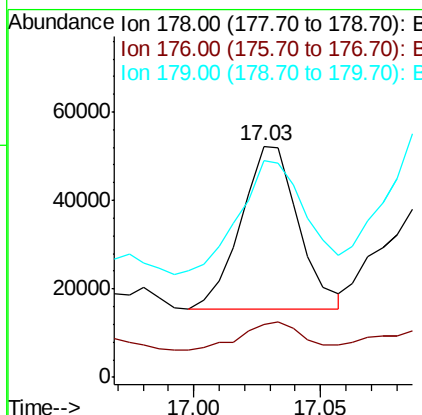
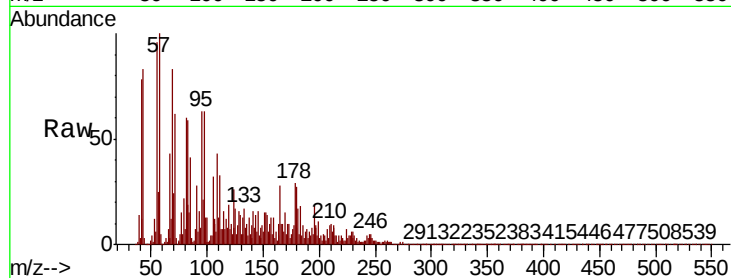




#71  
Phenanthrene  
Concen: 2.150 ng  
RT: 17.03 min Scan# 2404  
Delta R.T. -0.00 min  
Lab File: BP002666.D  
Acq: 07 Jul 2020 19:47

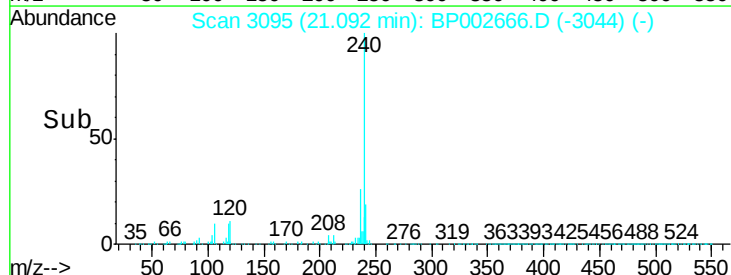
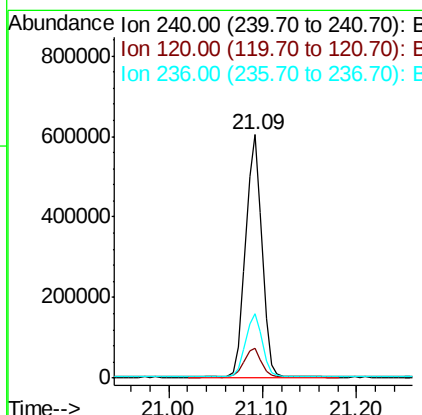
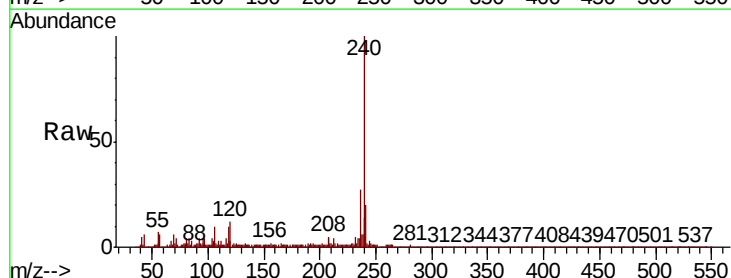
Instrument :  
BNA\_P  
ClientSampleId :  
E3-41-BOILER-ROOM

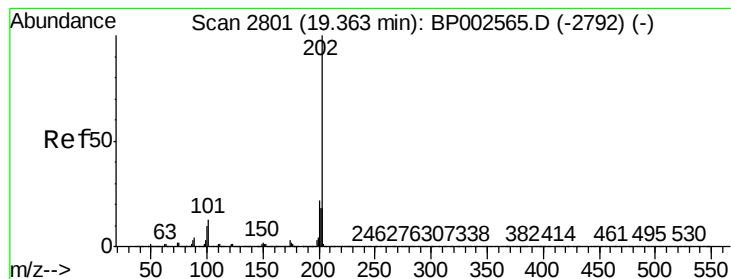
Tot Ion:178 Resp: 58601  
Ion Ratio Lower Upper  
178 100  
176 23.1 15.6 23.4  
179 94.1 12.1 18.1#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.09 min Scan# 3095  
Delta R.T. -0.00 min  
Lab File: BP002666.D  
Acq: 07 Jul 2020 19:47

Tgt Ion:240 Resp: 727213  
Ion Ratio Lower Upper  
240 100  
120 12.1 8.6 13.0  
236 26.5 20.8 31.2





#78

Pvrene

Concen: 7.358 ng

RT: 19.37 min Scan# 2802

Delta R.T. 0.01 min

Lab File: BP002666.D

Acq: 07 Jul 2020 19:47

Instrument :

BNA\_P

ClientSampleId :

E3-41-BOILER-ROOM

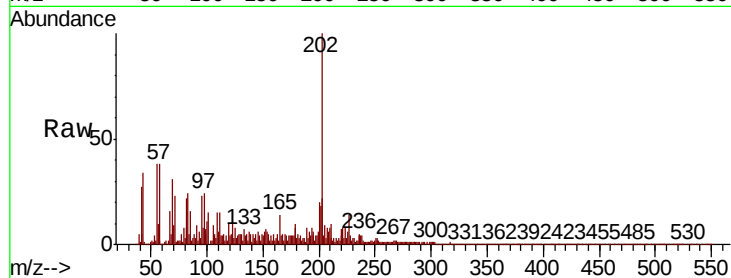
Tot Ion:202 Resp: 364199

Ion Ratio Lower Upper

202 100

200 20.2 17.6 26.4

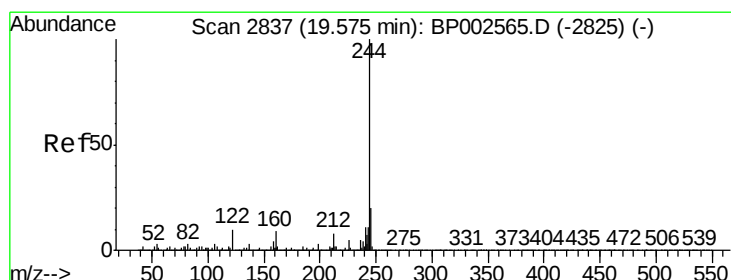
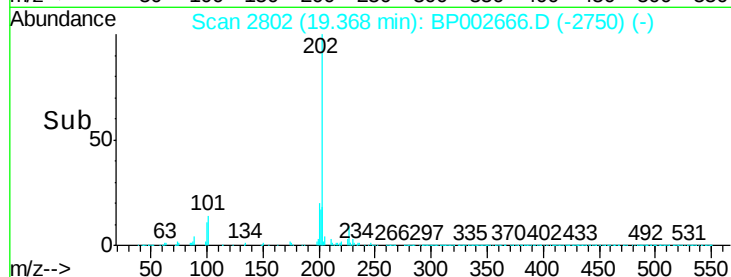
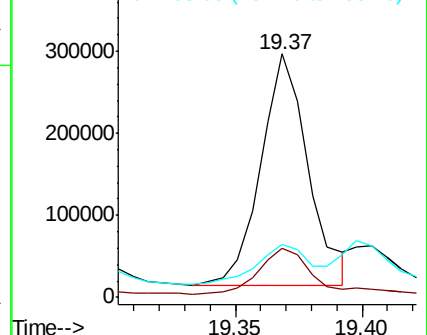
203 21.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 39.972 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002666.D

Acq: 07 Jul 2020 19:47

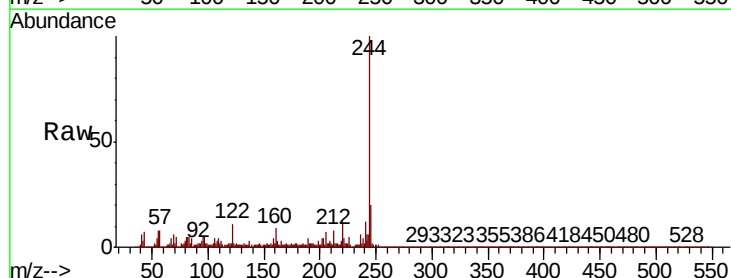
Tgt Ion:244 Resp: 1346699

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

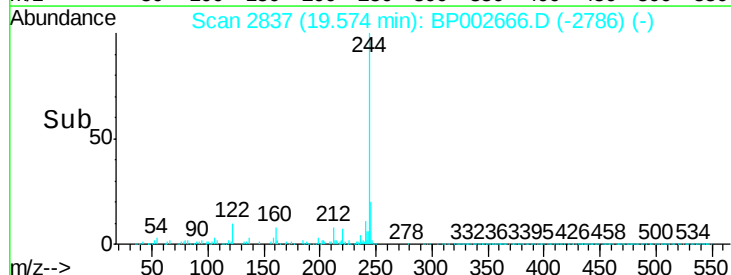
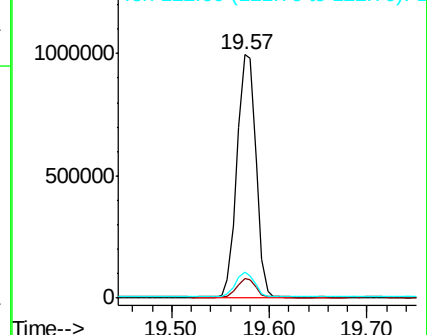
122 10.6 7.9 11.9

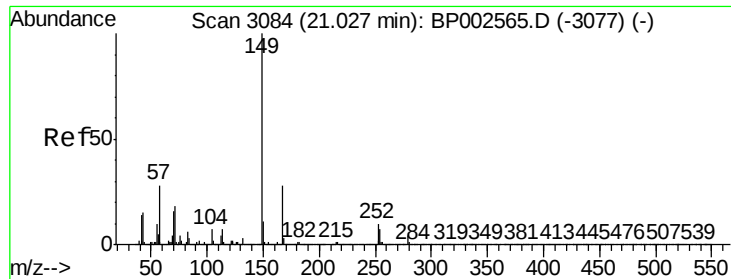


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.588 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002666.D

Acq: 07 Jul 2020 19:47

Instrument :

BNA\_P

ClientSampleId :

E3-41-BOILER-ROOM

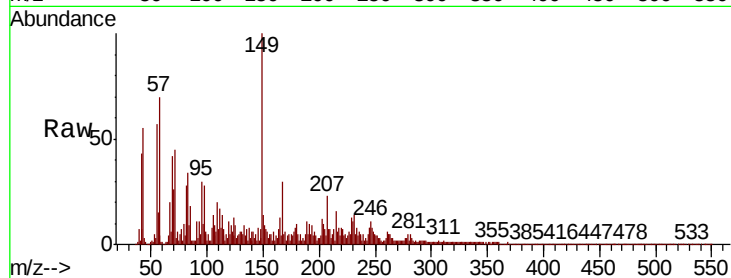
Tot Ion:149 Resp: 111349

Ion Ratio Lower Upper

149 100

167 30.0 22.1 33.1

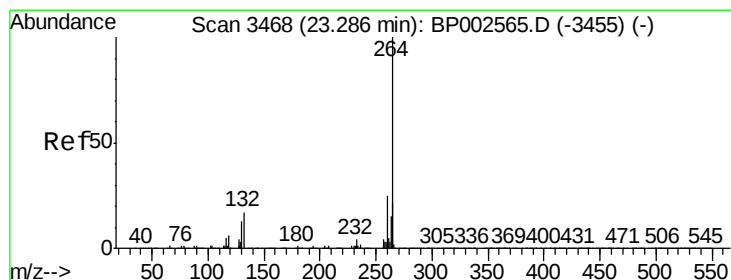
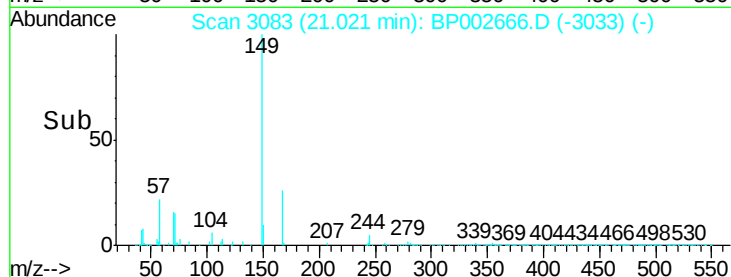
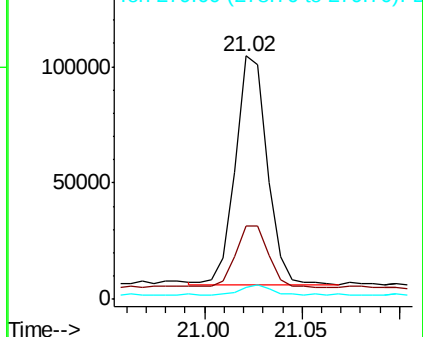
279 5.0 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.00 min

Lab File: BP002666.D

Acq: 07 Jul 2020 19:47

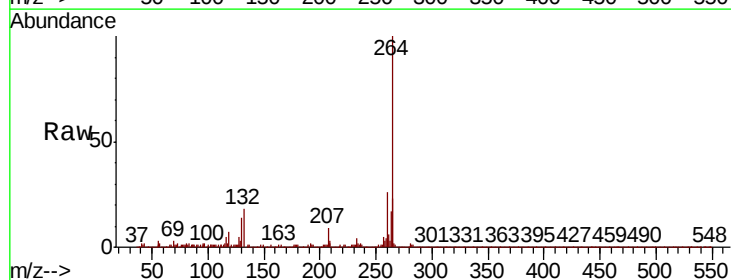
Tgt Ion:264 Resp: 914794

Ion Ratio Lower Upper

264 100

260 25.9 19.7 29.5

265 23.3 17.6 26.4



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

